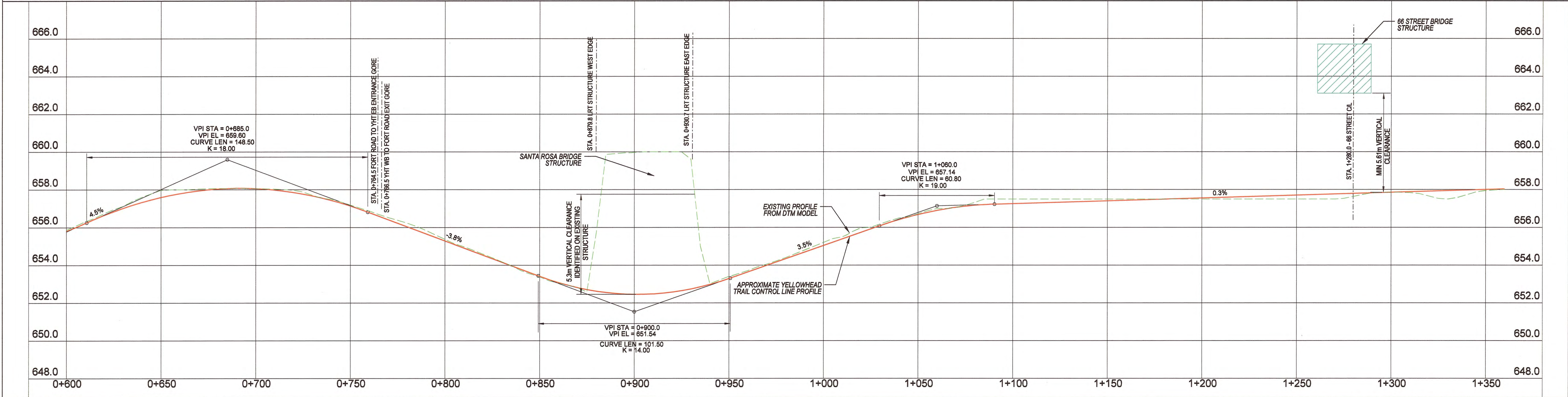
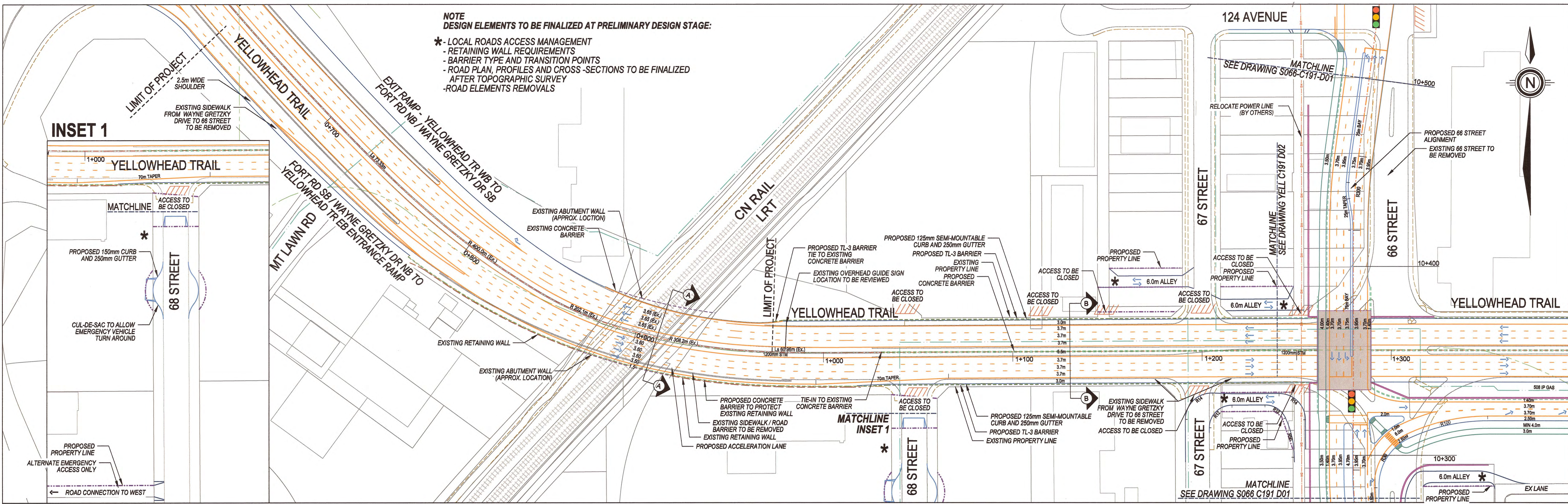


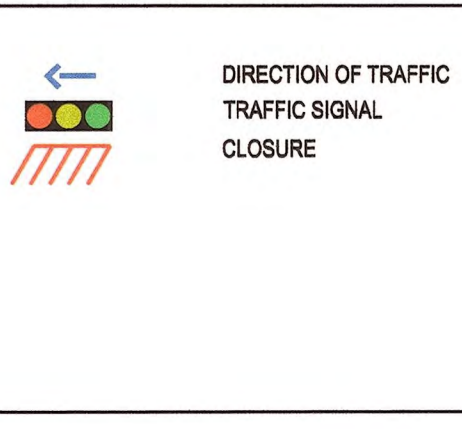
NOTE  
DESIGN ELEMENTS TO BE FINALIZED AT PRELIMINARY DESIGN STAGE:

- \* - LOCAL ROADS ACCESS MANAGEMENT
- RETAINING WALL REQUIREMENTS
- BARRIER TYPE AND TRANSITION POINTS
- ROAD PLAN, PROFILES AND CROSS SECTIONS TO BE FINALIZED AFTER TOPOGRAPHIC SURVEY
- ROAD ELEMENTS REMOVALS



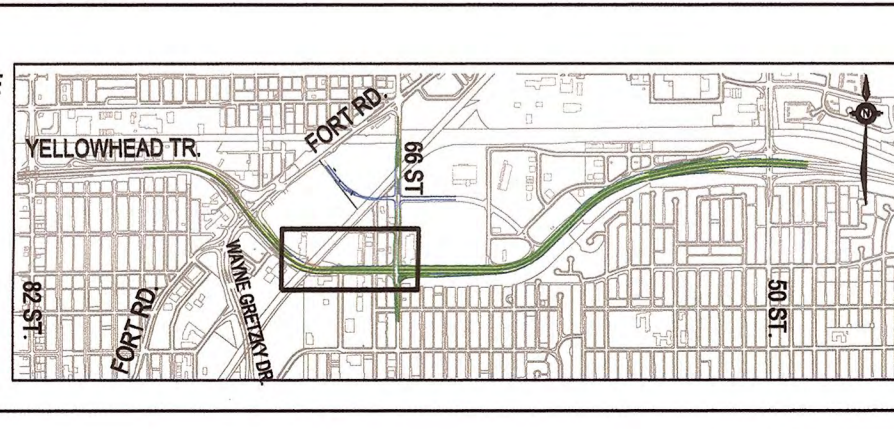
**LEGEND**

	PROPOSED RIGHT-OF-WAY
	ALIGNMENT CONTROL LINE
	EXISTING FACE OF CURB
	PROPOSED 150mm CURB AND 250mm GUTTER
	PROPOSED 125mm SEMI-MOUNTABLE CURB AND 250mm GUTTER
	PROPOSED BARRIER
	PROPOSED RETAINING WALL
	PROPOSED SHOULDER
	PROPOSED TRAVEL LANE EDGE
	EXISTING WALK / SLIP
	PROPOSED SHARED-USE PATH (SUP) / WALK



NOTE: DIMENSIONS SHOWN INDICATE LANE WIDTH, IN CASE OF CURBSIDE LANE AND SHOULDERS, DIMENSION INCLUDES WIDTH OF GUTTER.

**YELLOWHEAD TRAIL**  
DESIGN SPEED - 70 km/h  
POSTED SPEED - 70 km/h



**Al-Terra**  
Engineering and Land Services

**PERMIT TO PRACTICE**  
AL-TERRA ENGINEERING LTD.  
Signature: *[Signature]*  
Date: Feb 13, 2020  
**PERMIT NUMBER: P 2104**  
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

*[Signature]* 2020-02-25  
Director, Yellowhead Trail Portfolio

*[Signature]* 2020-02-25  
Supervisor, Yellowhead Trail Portfolio

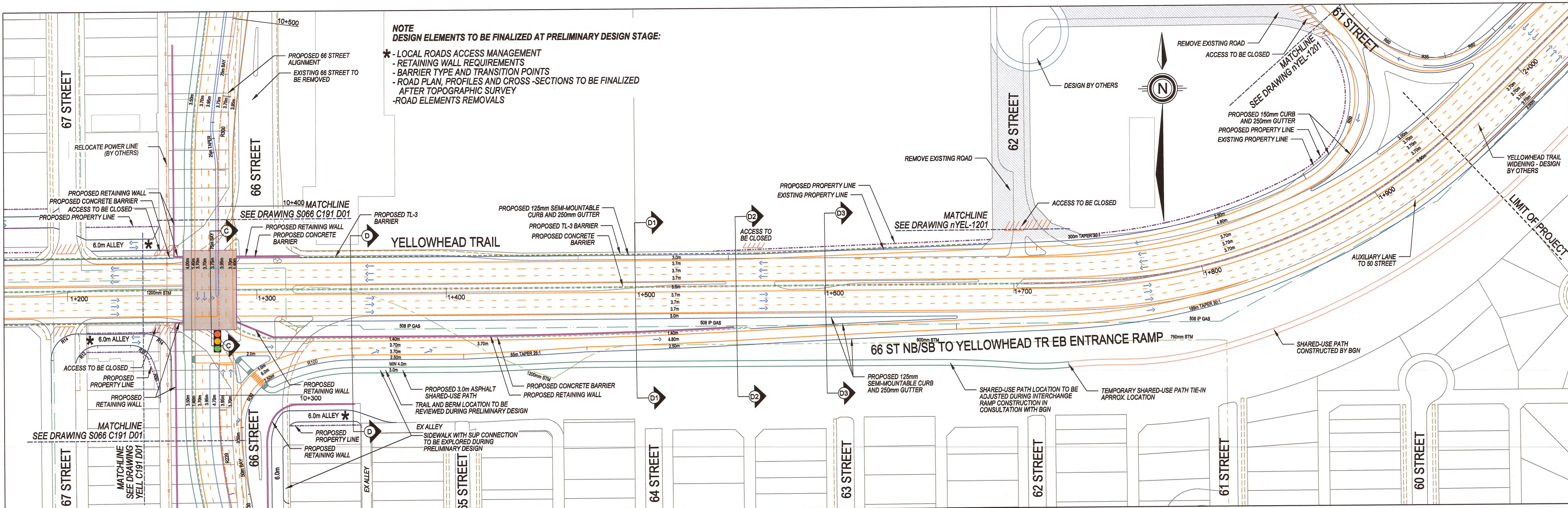
**CONCEPT - SUBJECT TO PRELIMINARY DESIGN & SURVEY**

**YELLOWHEAD TRAIL**  
STA 0+600 TO STA 1+240

PLAN NO.  
**YELL C191 D01**

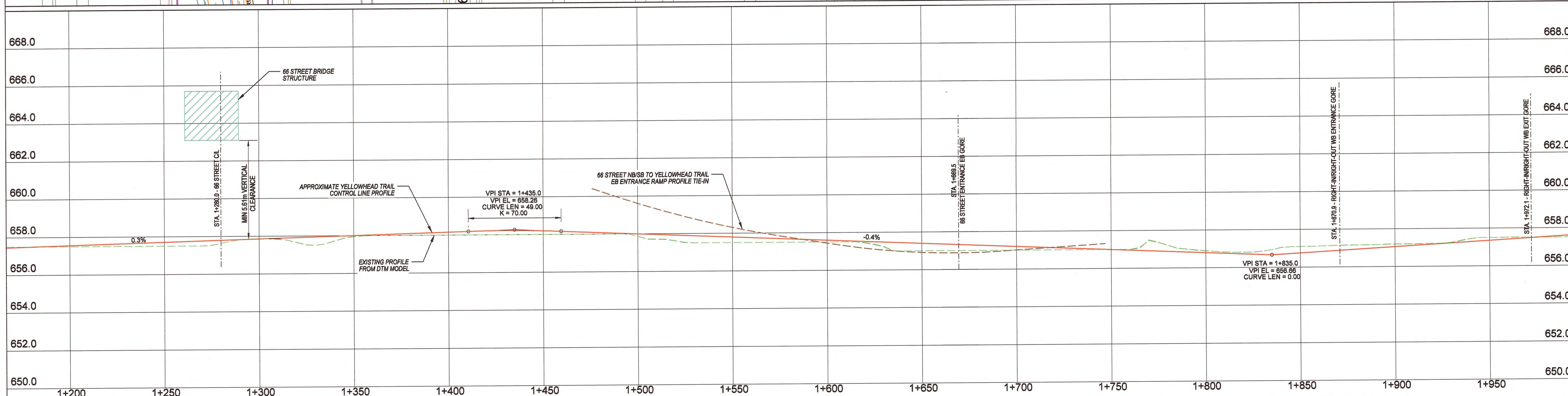
DESIGNED: B. STAPOR  
REVIEWED: C. BROKS  
DATE: 2020/02/07

THE CITY OF EDMONTON  
INTEGRATED INFRASTRUCTURE SERVICES

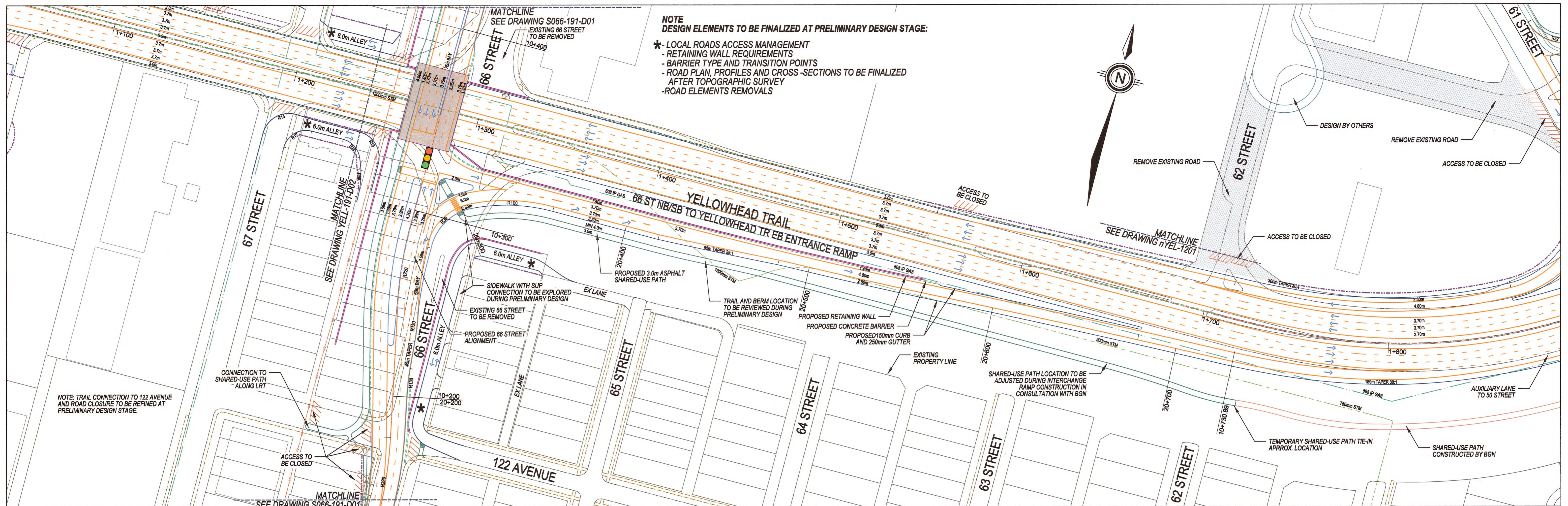


**NOTE**  
**DESIGN ELEMENTS TO BE FINALIZED AT PRELIMINARY DESIGN STAGE:**

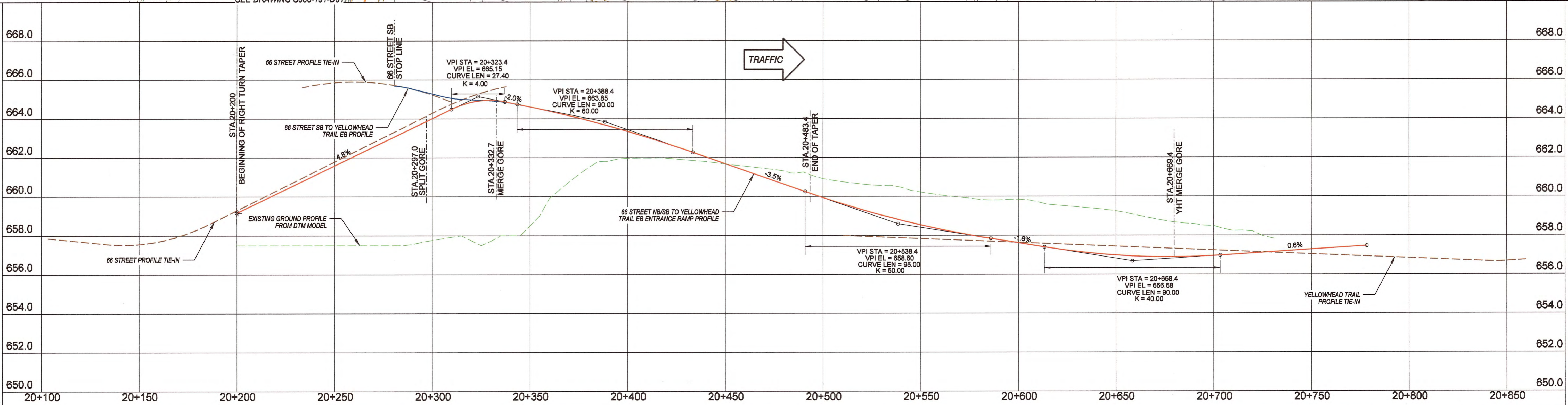
- \* LOCAL ROADS ACCESS MANAGEMENT
- RETAINING WALL REQUIREMENTS
- BARRIER TYPE AND TRANSITION POINTS
- ROAD PLAN, PROFILES AND CROSS-SECTIONS TO BE FINALIZED AFTER TOPOGRAPHIC SURVEY
- ROAD ELEMENTS REMOVALS



<b>LEGEND</b> 	 DIRECTION OF TRAFFIC TRAFFIC SIGNAL CLOSURE	NOTE: DIMENSIONS SHOWN INDICATE LANE WIDTH. IN CASE OF CURBSIDE LANE AND SHOULDERS, DIMENSION INCLUDES WIDTH OF GUTTER. <b>RAMP DESIGN SPEED - 60 km/h</b> <b>YELLOWHEAD TRAIL</b> DESIGN SPEED - 90 km/h POSTED SPEED - 80 km/h		  Feb 13 / 20  SCALE: 0 50 100 150 200m	<b>PERMIT TO PRACTICE</b> AL-TERRA ENGINEERING LTD. Signature: <i>Joshua Stach</i> Date: Feb 13, 2020 <b>PERMIT NUMBER: P 2104</b> The Association of Professional Engineers, Geologists and Geophysicists of Alberta PERMIT TO PRACTICE: P2104	 Director, Yellowhead Trail Portfolio  Supervisor, Yellowhead Trail Portfolio	<b>CONCEPT - SUBJECT TO PRELIMINARY DESIGN &amp; SURVEY</b> <b>YELLOWHEAD TRAIL</b> STA 1+240 TO STA 1+950		PLAN NO. <b>YELL C191 D02</b>
							DESIGNED: B. STAPOR REVIEWED: C. BROKS DATE: 2020/02/07	THE CITY OF <b>Edmonton</b> INTEGRATED INFRASTRUCTURE SERVICES	

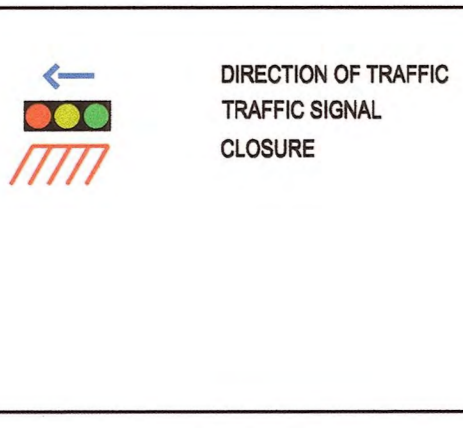


**NOTE**  
**DESIGN ELEMENTS TO BE FINALIZED AT PRELIMINARY DESIGN STAGE:**  
 \* LOCAL ROADS ACCESS MANAGEMENT  
 - RETAINING WALL REQUIREMENTS  
 - BARRIER TYPE AND TRANSITION POINTS  
 - ROAD PLAN, PROFILES AND CROSS-SECTIONS TO BE FINALIZED AFTER TOPOGRAPHIC SURVEY  
 - ROAD ELEMENTS REMOVALS



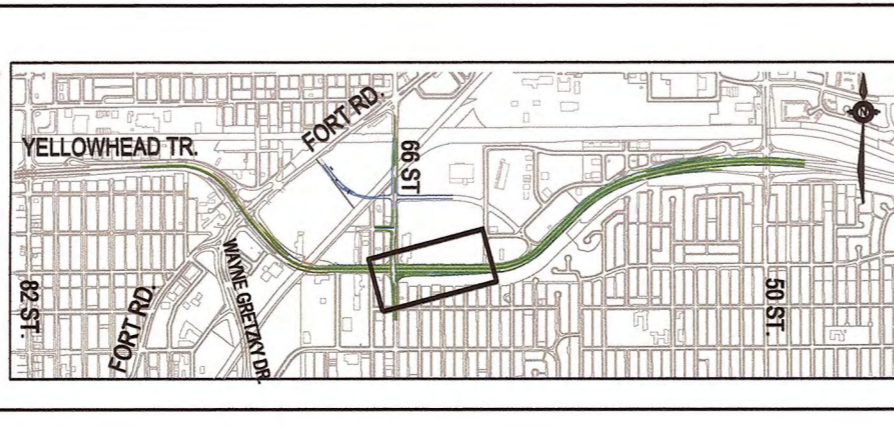
**LEGEND**

	PROPOSED RIGHT-OF-WAY
	ALIGNMENT CONTROL LINE
	EXISTING FACE OF CURB
	PROPOSED 150mm CURB AND 250mm GUTTER
	PROPOSED 125mm SEMI-MOUNTABLE CURB AND 250mm GUTTER
	PROPOSED BARRIER
	PROPOSED RETAINING WALL
	PROPOSED SHOULDER
	PROPOSED TRAVEL LANE EDGE
	EXISTING WALK / SUP
	PROPOSED SHARED-USE PATH (SUP) / WALK



NOTE: DIMENSIONS SHOWN INDICATE LANE WIDTH, IN CASE OF CURBSIDE LANE AND SHOULDERS, DIMENSION INCLUDES WIDTH OF GUTTER.

RAMP DESIGN SPEED - 60 km/h



**Al-Terra**  
**ISL Engineering and Land Services**

Feb 13/20  
 Signature: [Signature]  
 Date: Feb 13, 2020  
 SCALE: 1:200

**PERMIT TO PRACTICE**  
 AL-TERRA ENGINEERING LTD.  
 Signature: [Signature]  
 Date: Feb 13, 2020  
**PERMIT NUMBER: P 2104**  
 The Association of Professional Engineers, Geologists and Geophysicists of Alberta  
 PERMIT TO PRACTICE P2104

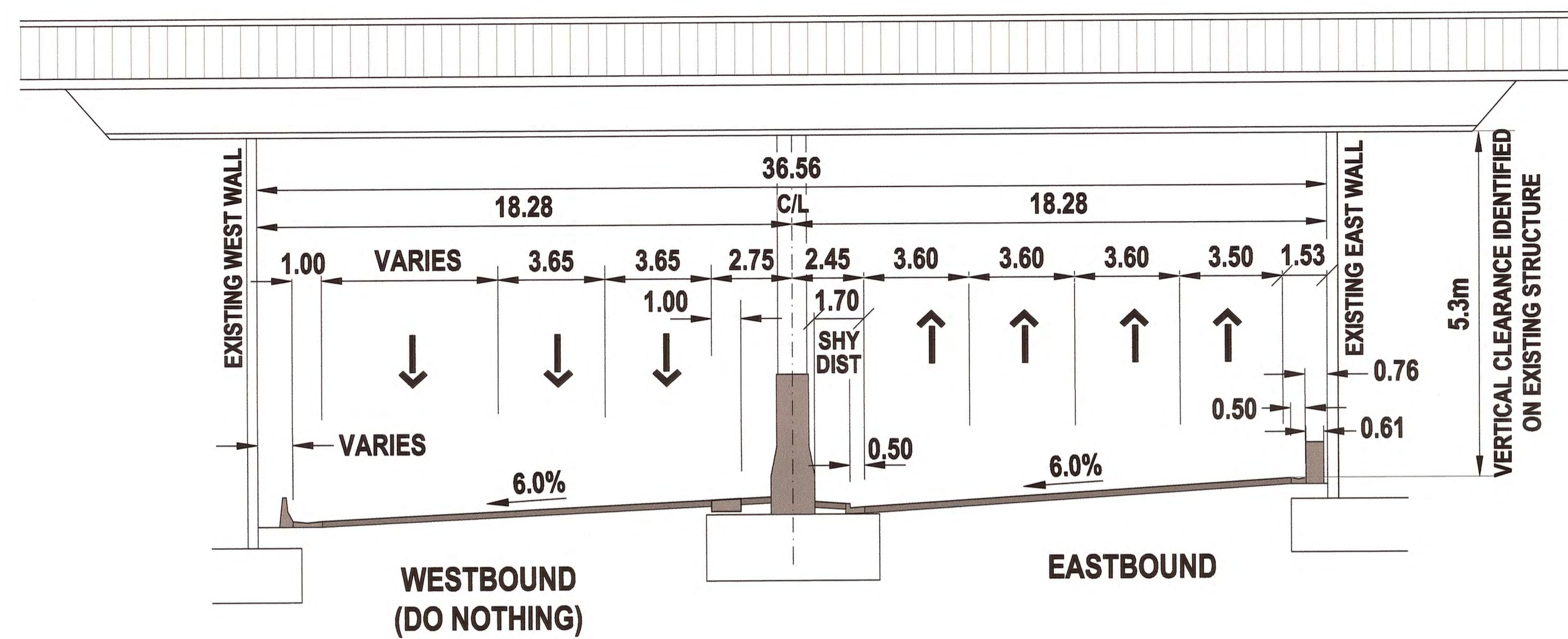
Director, Yellowhead Trail Portfolio  
 Supervisor, Yellowhead Trail Portfolio

**CONCEPT - SUBJECT TO PRELIMINARY DESIGN & SURVEY**

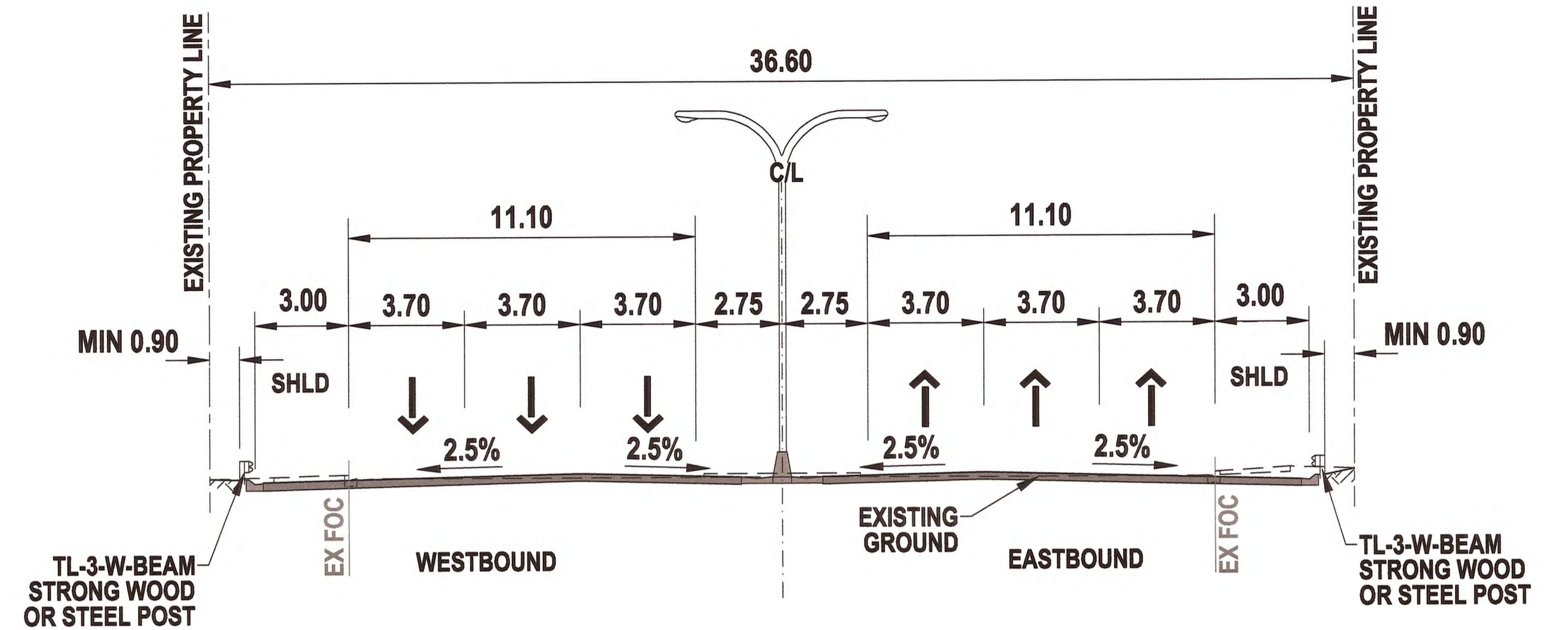
**YELLOWHEAD TRAIL**  
 66 STREET NB / SB TO YELLOWHEAD TRAIL EB ENTRANCE RAMP  
 STA 20+100 TO STA 20+850

DESIGNED: B. STAPOR  
 REVIEWED: C. BROKS  
 DATE: 2020/02/07

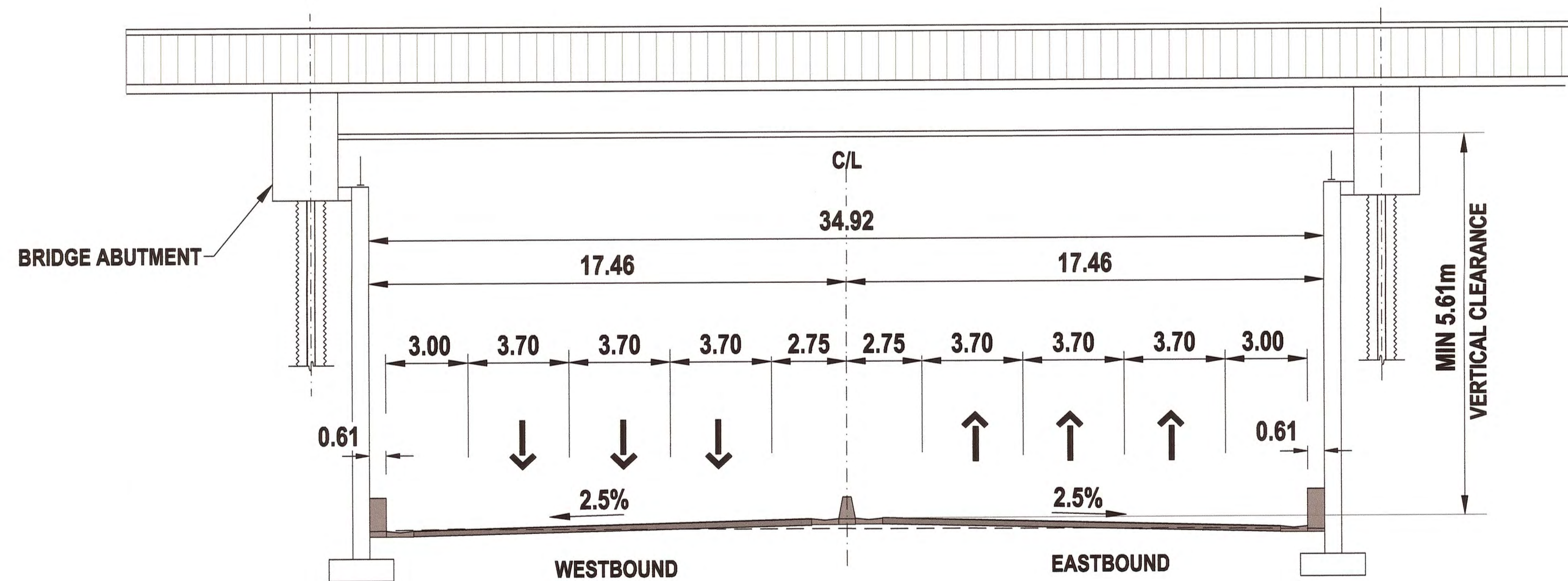
PLAN NO.  
**YELL C191 D03**



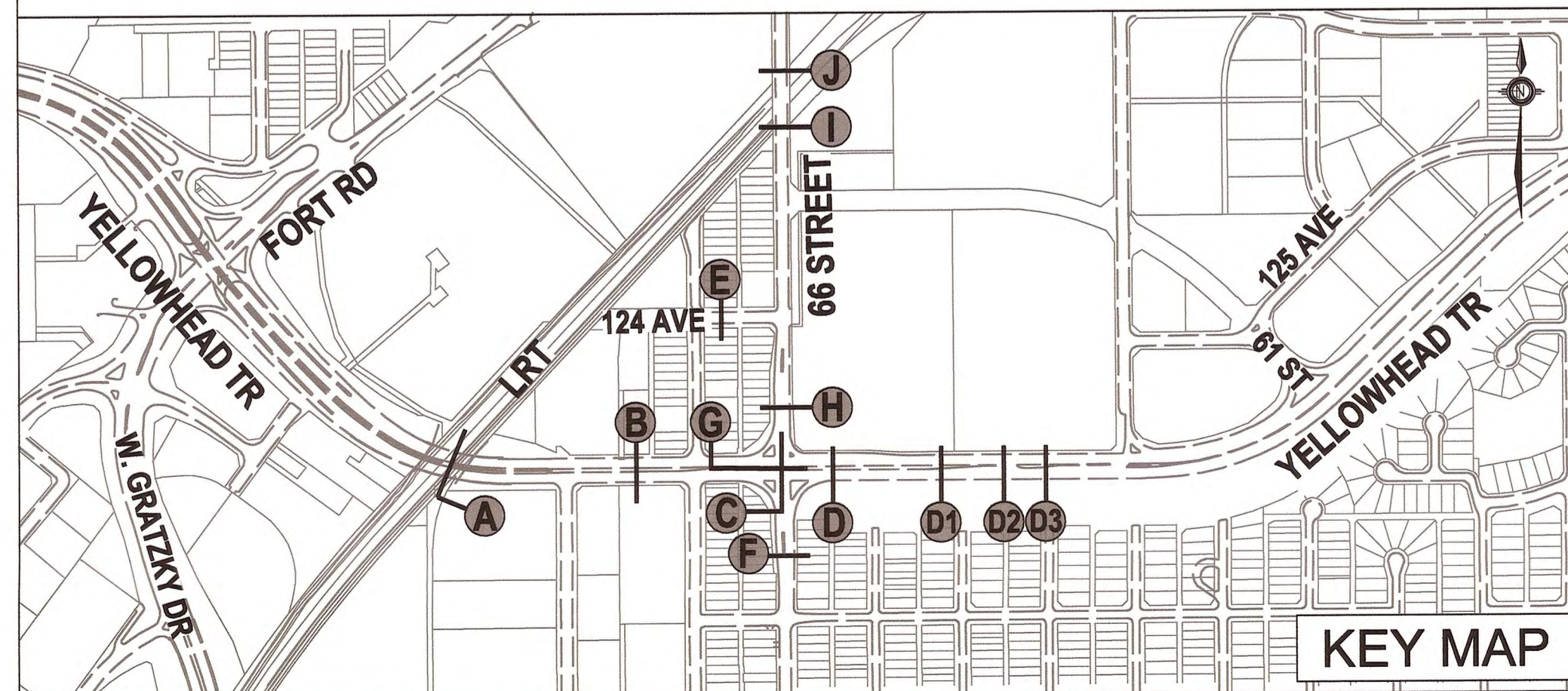
**TYPICAL CROSS-SECTION A-A  
YELLOWHEAD TRAIL AT SANTA ROSA STRUCTURE**



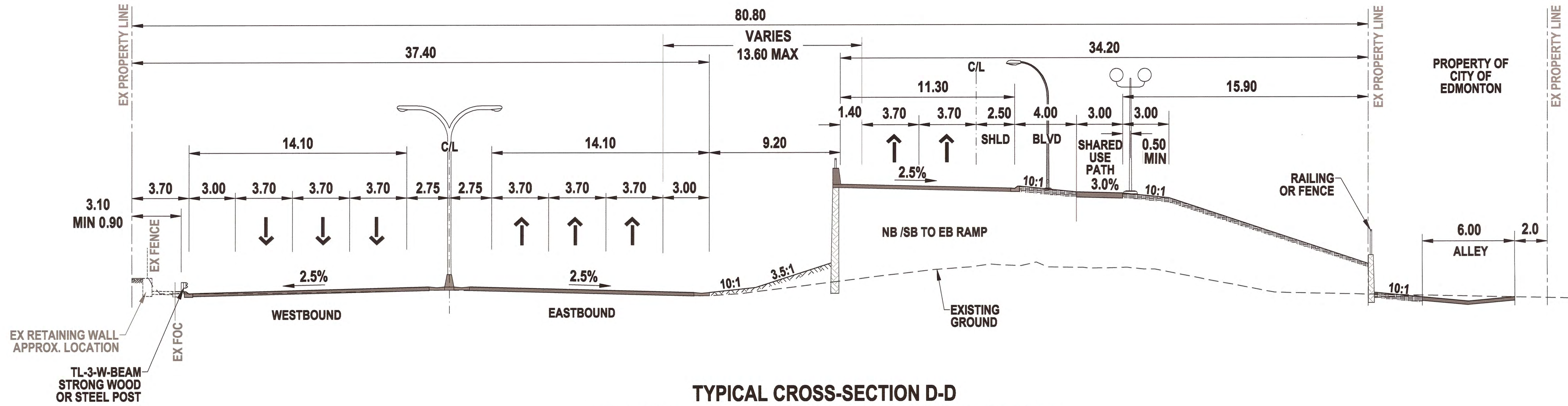
**TYPICAL CROSS-SECTION B-B  
YELLOWHEAD TRAIL  
PROPOSED CROSS-SECTION AT APPROX. STA. 1+130  
(CONSTRAINED AREA)**



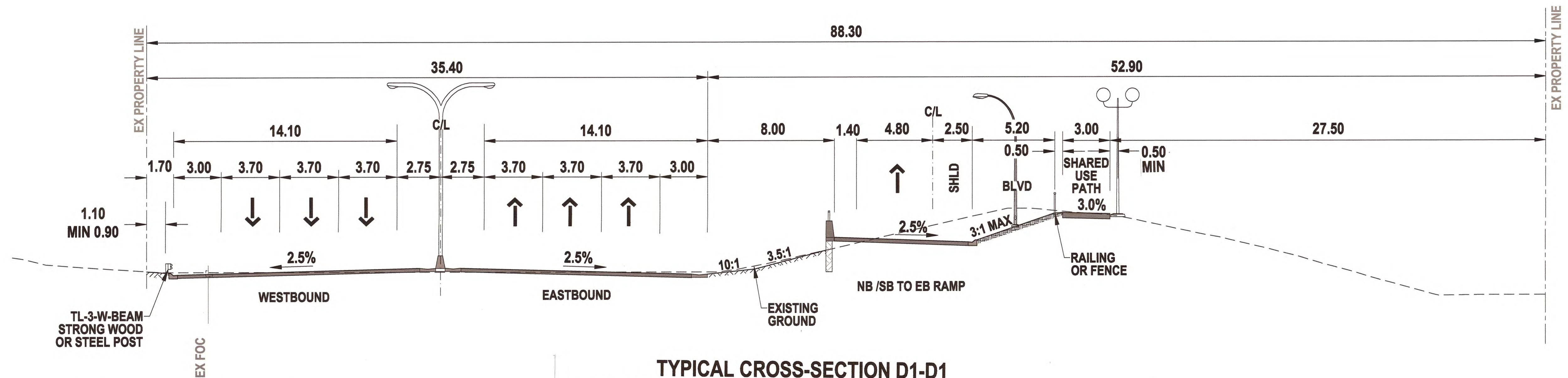
**TYPICAL CROSS-SECTION C-C  
YELLOWHEAD TRAIL - UNDER 66 STREET OVERPASS**



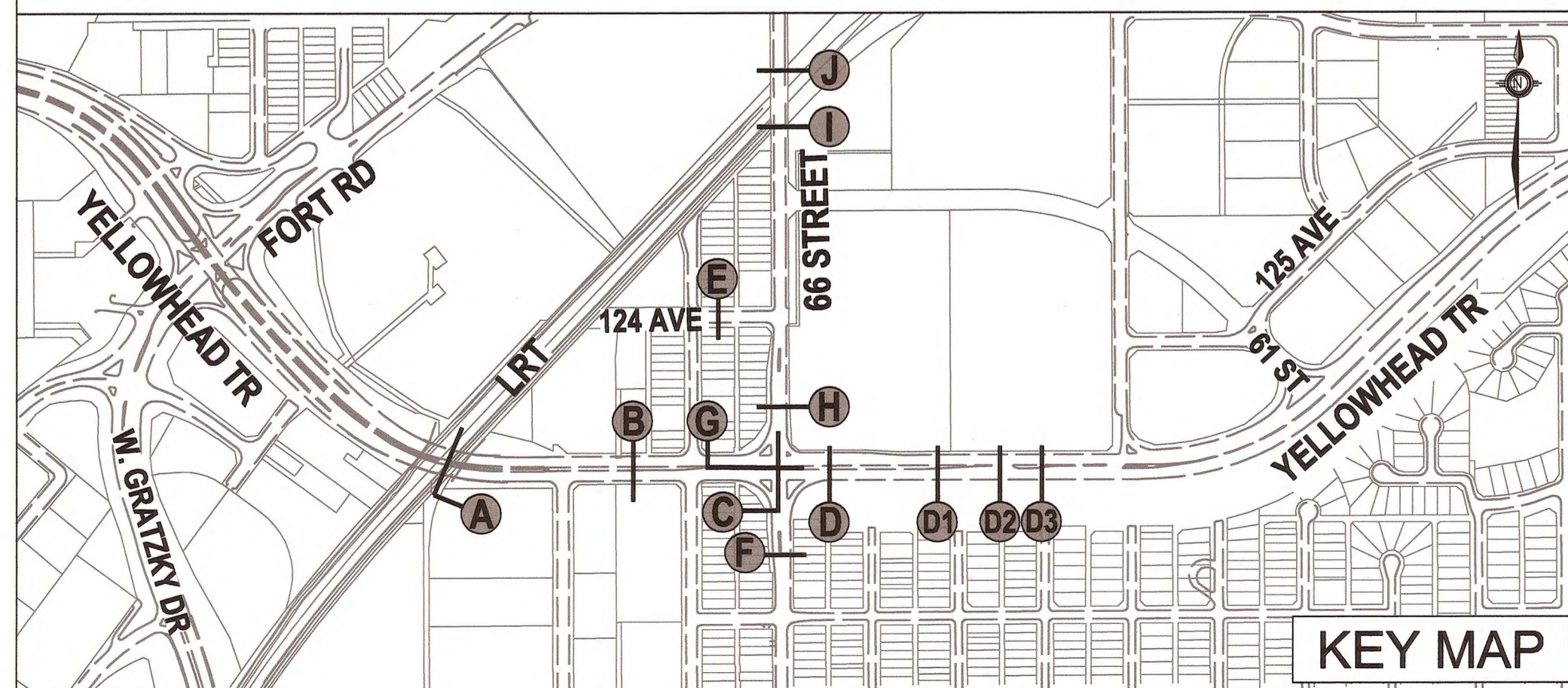
 	Feb 13/20  Signature: <i>[Signature]</i> Date: Feb 13, 2020 <b>PERMIT NUMBER: P 2104</b> The Association of Professional Engineers, Geologists and Geophysicists of Alberta	 Director, Yellowhead Trail Portfolio 2020.02.25  Supervisor, Yellowhead Trail Portfolio 2020-02-25	CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN <b>YELLOWHEAD TRAIL</b> <b>YELLOWHEAD TRAIL TYPICAL CROSS-SECTIONS</b>	
			 DESIGNED: B. STAPOR REVIEWED: C. BROKS DATE: 2020/02/07	PLAN NO. <b>YELL C191 D04</b>



**TYPICAL CROSS-SECTION D-D**  
**YELLOWHEAD TRAIL EAST OF 66 STREET OVERPASS**  
**AT APPROX. STA. 1+350**

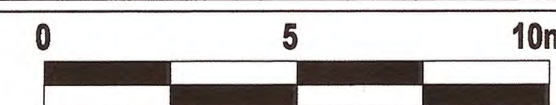


**TYPICAL CROSS-SECTION D1-D1**  
**YELLOWHEAD TRAIL EAST OF 66 STREET OVERPASS**  
**AT APPROX. STA. 1+500**

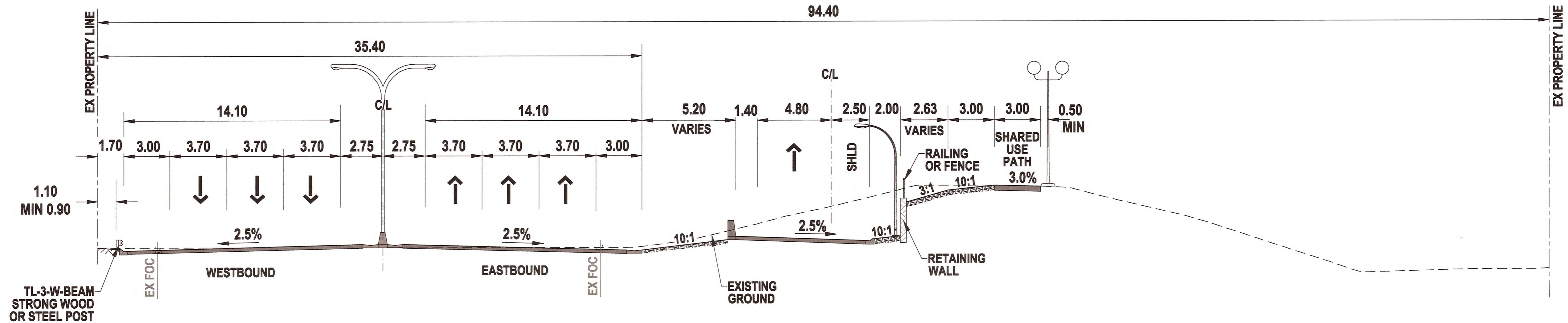


**NB TO EB RAMP**  
 DESIGN SPEED - 60 km/h

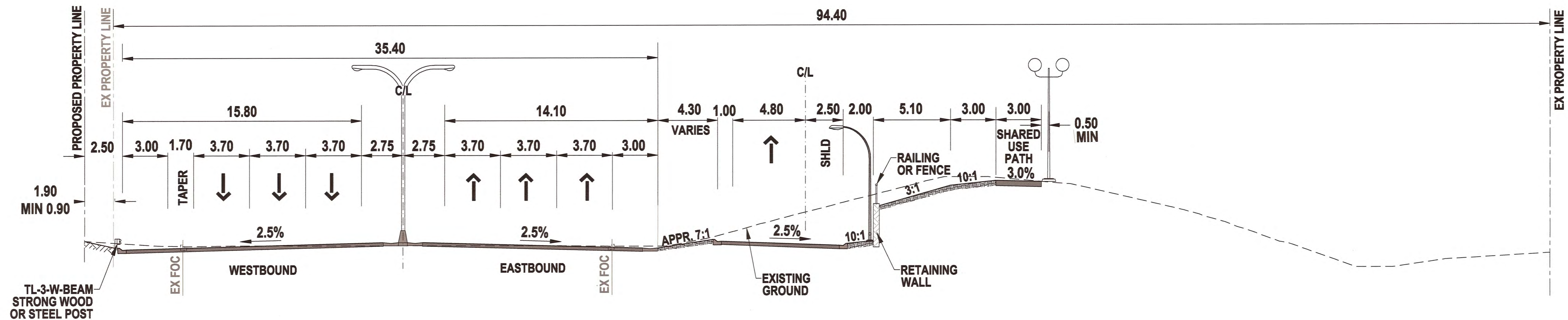
**YELLOWHEAD TRAIL**  
 DESIGN SPEED - 90 km/h  
 POSTED SPEED - 80 km/h



		<b>PERMIT TO PRACTISE</b> AL-TERRA ENGINEERING LTD. Signature: <i>B. Stapor</i> Date: Feb 13, 2020 <b>PERMIT NUMBER: P 2104</b> The Association of Professional Engineers, Geologists and Geophysicists of Alberta	CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN <b>YELLOWHEAD TRAIL</b> <b>YELLOWHEAD TRAIL TYPICAL CROSS-SECTIONS</b>	
				DESIGNED: B. STAPOR REVIEWED: C. BROOKS DATE: 2020/02/07

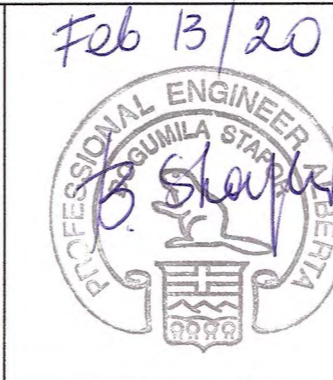
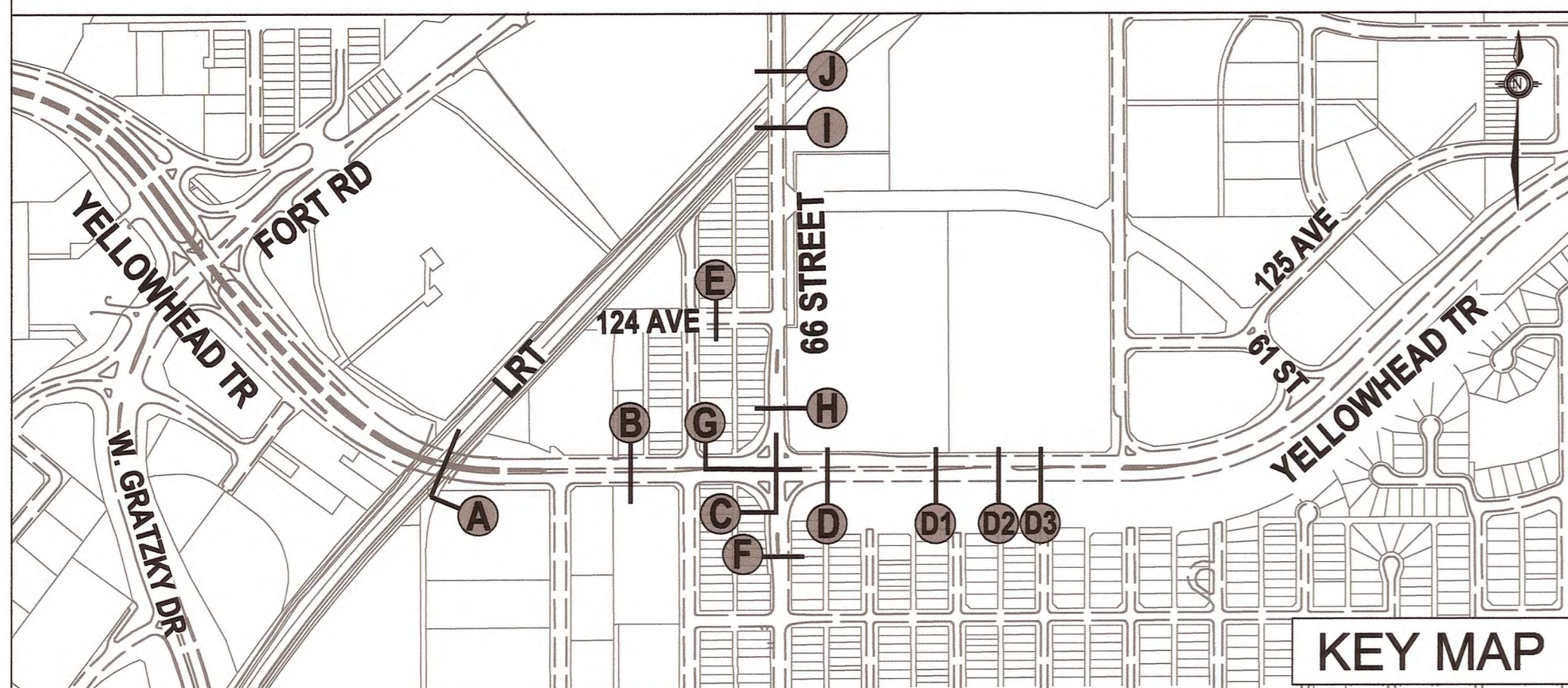


**TYPICAL CROSS-SECTION D2-D2  
YELLOWHEAD TRAIL EAST OF 66 STREET OVERPASS  
AT APPROX. STA. 1+550**



**TYPICAL CROSS-SECTION D3-D3  
YELLOWHEAD TRAIL EAST OF 66 STREET OVERPASS  
AT APPROX. STA. 1+600**

**NOTE: CROSS-SECTION D2 AND D3 SHOW OPTION OF SHARED-USE PATH ACCOMMODATION. OTHER OPTIONS TO BE EXPLORED AND FINALIZED DURING PRELIMINARY DESIGN.**

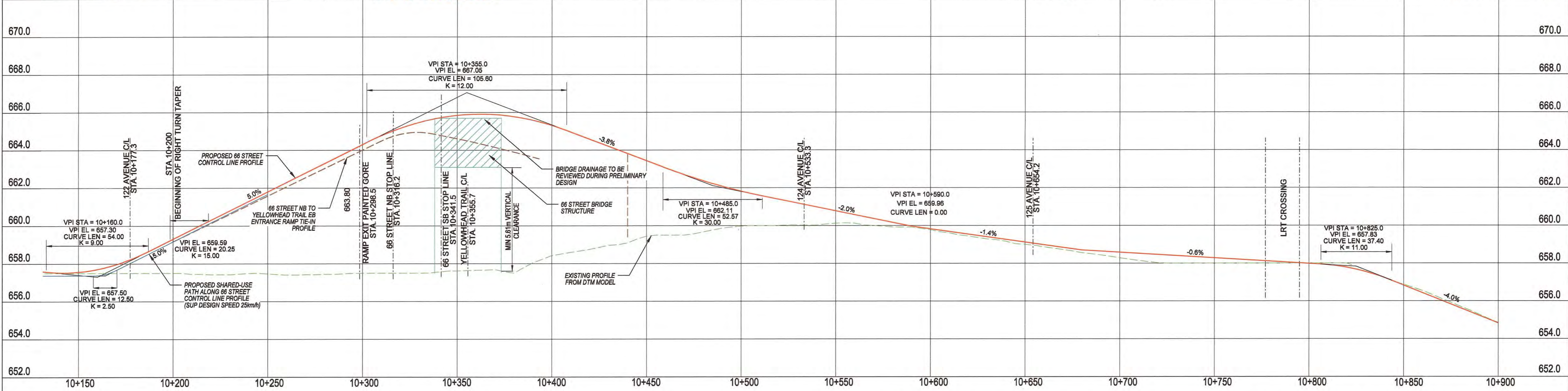
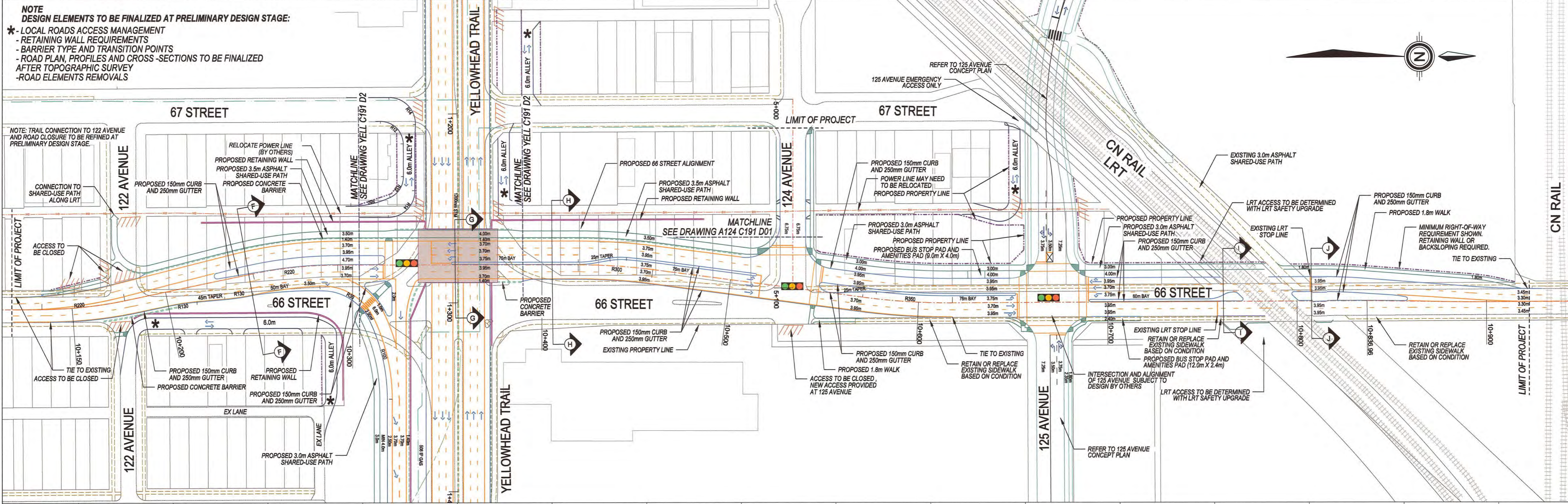


PERMIT TO PRACTICE  
AL-TERRA ENGINEERING LTD.  
Signature  
Date Feb 13, 2020  
PERMIT NUMBER: P 2104  
The Association of Professional Engineers,  
Geologists and Geophysicists of Alberta

Director, Yellowhead Trail Portfolio  
Supervisor, Yellowhead Trail Portfolio

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN  
**YELLOWHEAD TRAIL**  
YELLOWHEAD TRAIL TYPICAL CROSS-SECTIONS  
THE CITY OF EDMONTON INTEGRATED INFRASTRUCTURE SERVICES  
DESIGNED: B. STAPOR  
REVIEWED: C. BROOKS  
DATE: 2020/02/07  
PLAN NO.  
**YELL C191 D06**

**NOTE**  
**DESIGN ELEMENTS TO BE FINALIZED AT PRELIMINARY DESIGN STAGE:**  
 \* - LOCAL ROADS ACCESS MANAGEMENT  
 - RETAINING WALL REQUIREMENTS  
 - BARRIER TYPE AND TRANSITION POINTS  
 - ROAD PLAN, PROFILES AND CROSS SECTIONS TO BE FINALIZED AFTER TOPOGRAPHIC SURVEY  
 - ROAD ELEMENTS REMOVALS



**LEGEND**

	PROPOSED RIGHT-OF-WAY ALIGNMENT CONTROL LINE		DIRECTION OF TRAFFIC
	EXISTING FACE OF CURB		TRAFFIC SIGNAL CLOSURE
	PROPOSED 150mm CURB AND 250mm GUTTER		PROPOSED BARRIER
	PROPOSED 150mm SEMI-MOUNTABLE CURB AND 250mm GUTTER		PROPOSED RETAINING WALL
	PROPOSED SHOULDER		PROPOSED SHOULDER
	PROPOSED TRAVEL LANE EDGE		EXISTING WALK / SUP
	PROPOSED SHARED-USE PATH (SUP) / WALK		

**66 STREET**  
 DESIGN SPEED - 60 km/h  
 POSTED SPEED - 50 km/h

NOTE: DIMENSIONS SHOWN INDICATE LANE WIDTH. IN CASE OF CURBSIDE LANE AND SHOULDERS, DIMENSION INCLUDES WIDTH OF GUTTER.

**Al-Terra**  
**Engineering and Land Services**

Feb 13/20  
 Signature: *[Signature]*  
 Date: Feb 13, 2020  
**PERMIT TO PRACTICE**  
 AL-TERRA ENGINEERING LTD.  
 Signature: *[Signature]*  
 Date: Feb 13, 2020  
**PERMIT NUMBER: P 2104**  
 The Association of Professional Engineers, Geologists and Geophysicists of Alberta

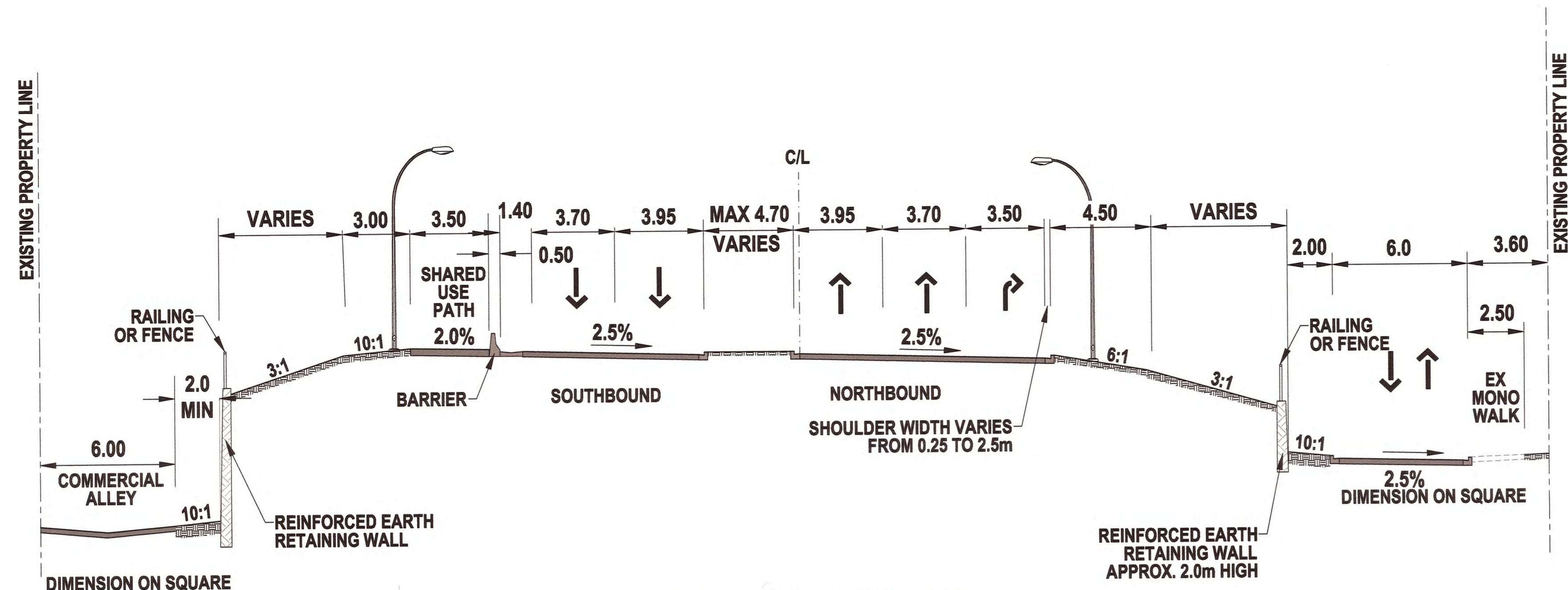
Director, Yellowhead Trail Portfolio  
*[Signature]* 2020-02-25  
 Supervisor, Yellowhead Trail Portfolio  
*[Signature]* 2020-02-25

**CONCEPT - SUBJECT TO PRELIMINARY DESIGN & SURVEY**

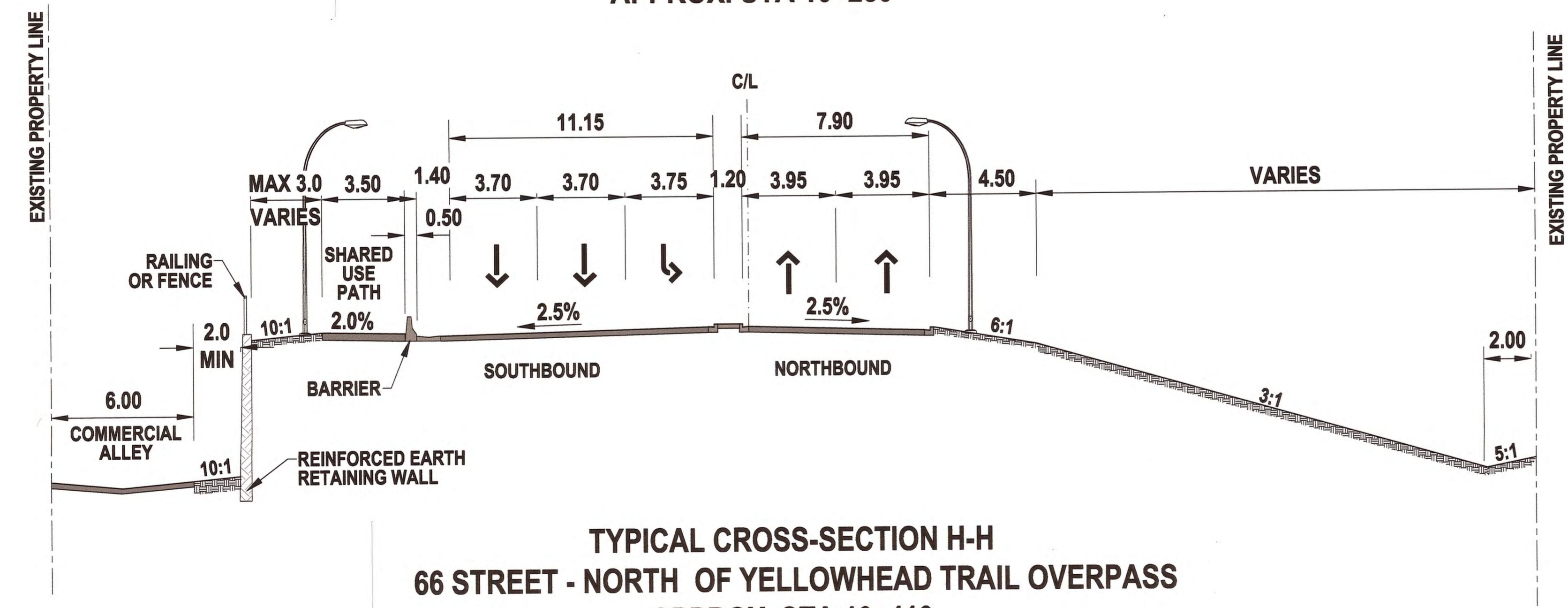
**YELLOWHEAD TRAIL**  
**66 STREET**  
 STA 10+130 TO STA 10+900

DESIGNED: B. STAPOR  
 REVIEWED: C. BROKS  
 DATE: 2020/02/07

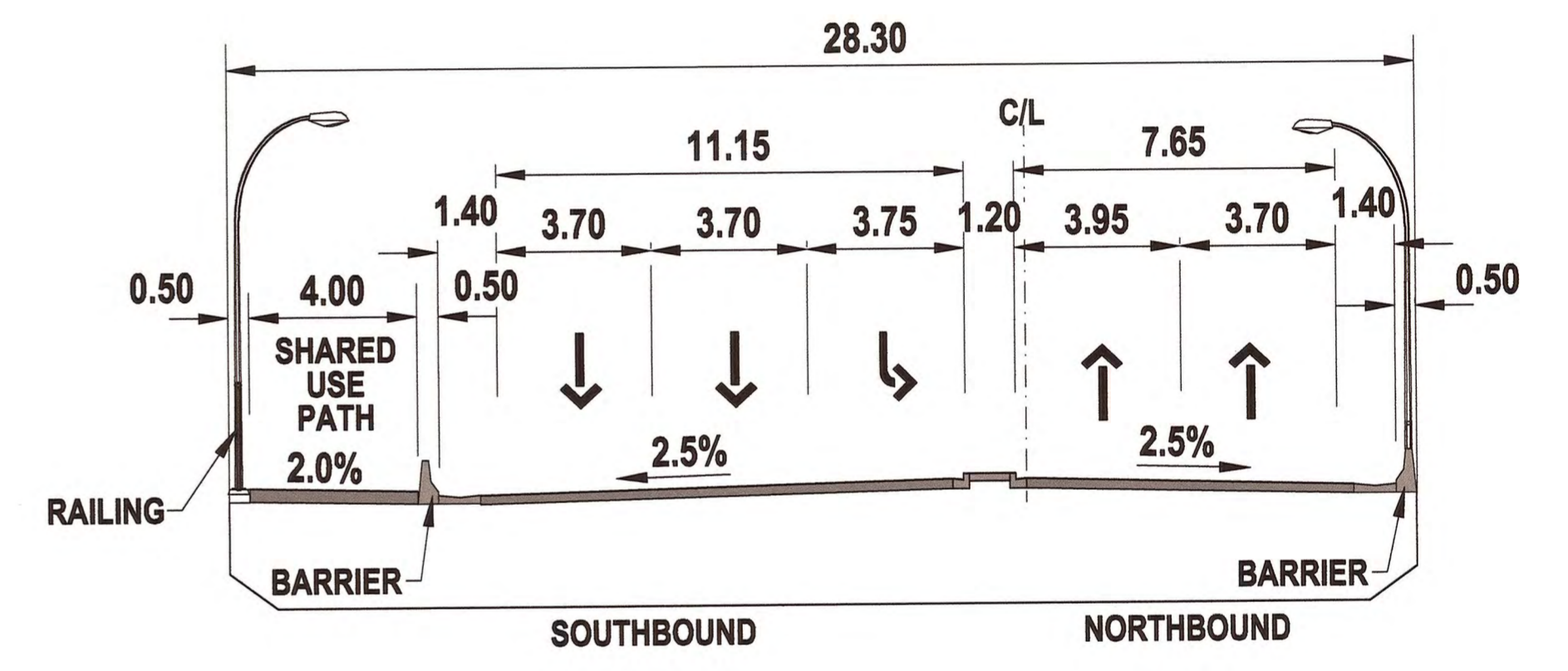
PLAN NO.  
**S066 C191 D01**



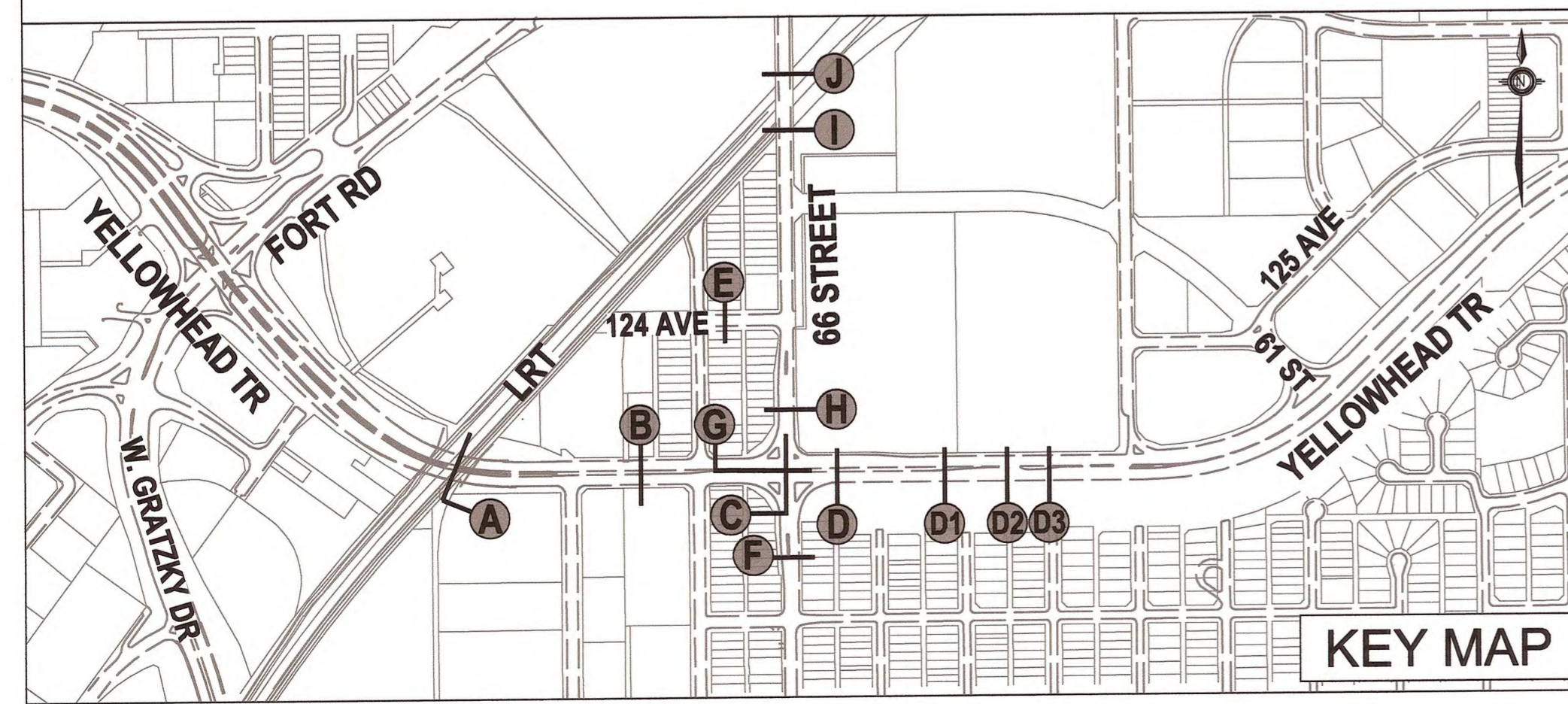
**TYPICAL CROSS-SECTION F-F**  
**66 STREET - SOUTH OF YELLOWHEAD TRAIL OVERPASS**  
 APPROX. STA 10+250



**TYPICAL CROSS-SECTION H-H**  
**66 STREET - NORTH OF YELLOWHEAD TRAIL OVERPASS**  
 APPROX. STA 10+410



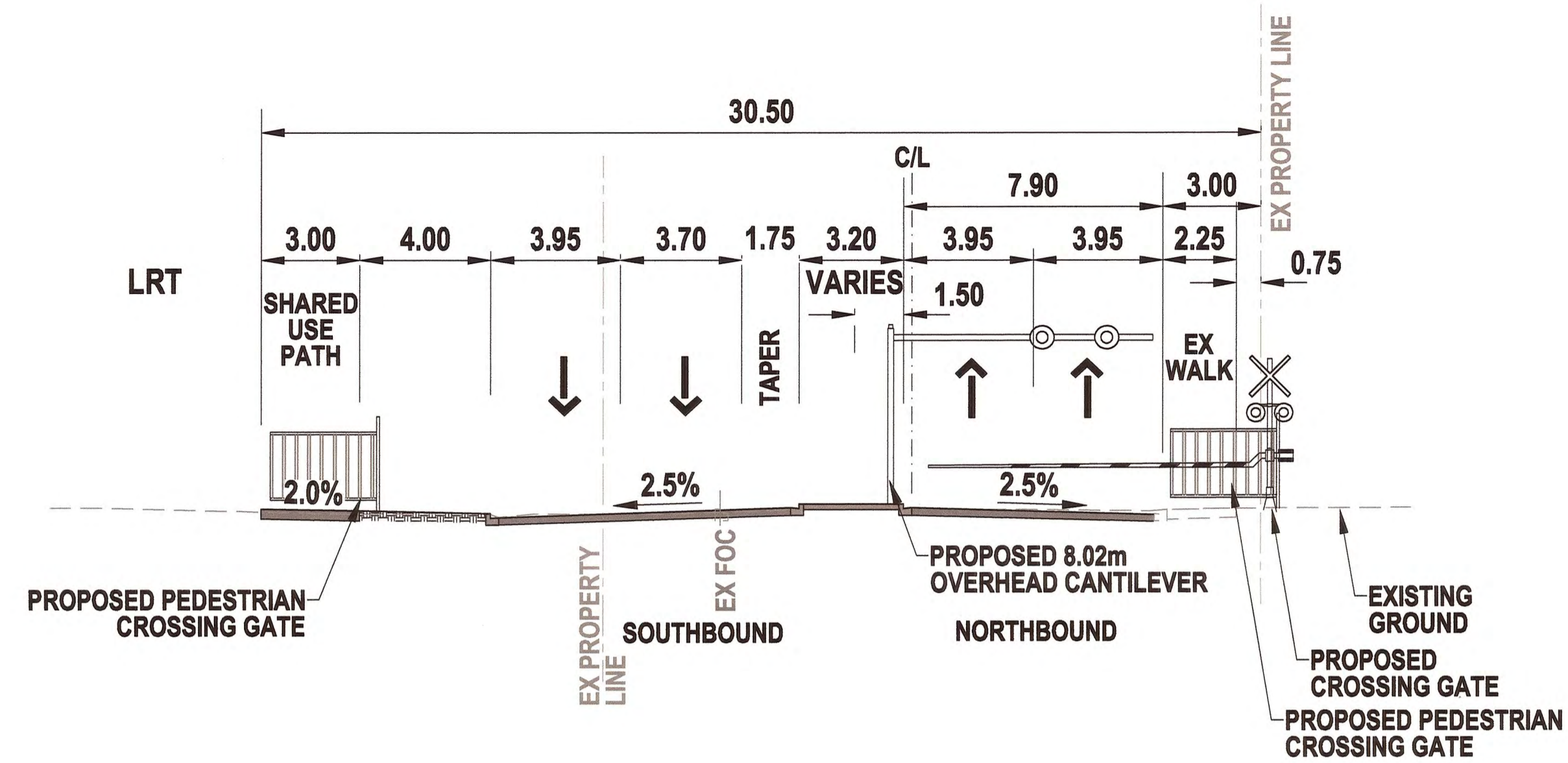
**TYPICAL CROSS-SECTION G-G**  
**66 STREET - OVERPASS**



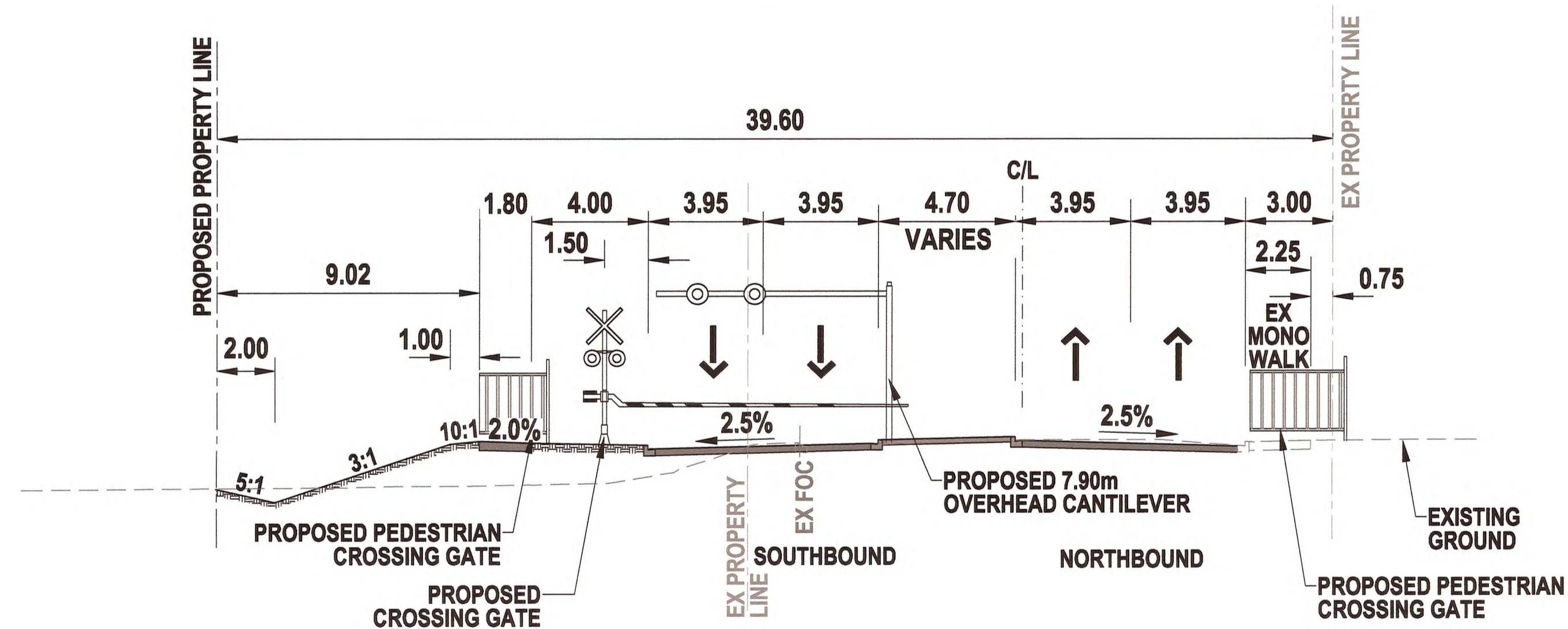
**66 STREET**  
 DESIGN SPEED - 60 km/h  
 POSTED SPEED - 50 km/h

 	Feb 13/20 	<b>PERMIT TO PRACTICE</b> AL-TERRA ENGINEERING LTD. Signature: <i>[Signature]</i> Date: <i>Jul 13, 2020</i> <b>PERMIT NUMBER: P 2104</b> The Association of Professional Engineers, Geologists and Geophysicists of Alberta	 Director, Yellowhead Trail Portfolio <i>[Signature]</i> 2020-02-25 Supervisor, Yellowhead Trail Portfolio	CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN <b>YELLOWHEAD TRAIL</b>	
				<b>66 STREET TYPICAL CROSS-SECTIONS</b>	
THE CITY OF			DESIGNED: B. STAPOR REVIEWED: C. BROOKS DATE: 2020/02/07	PLAN NO. <b>S066 C191 D02</b>	



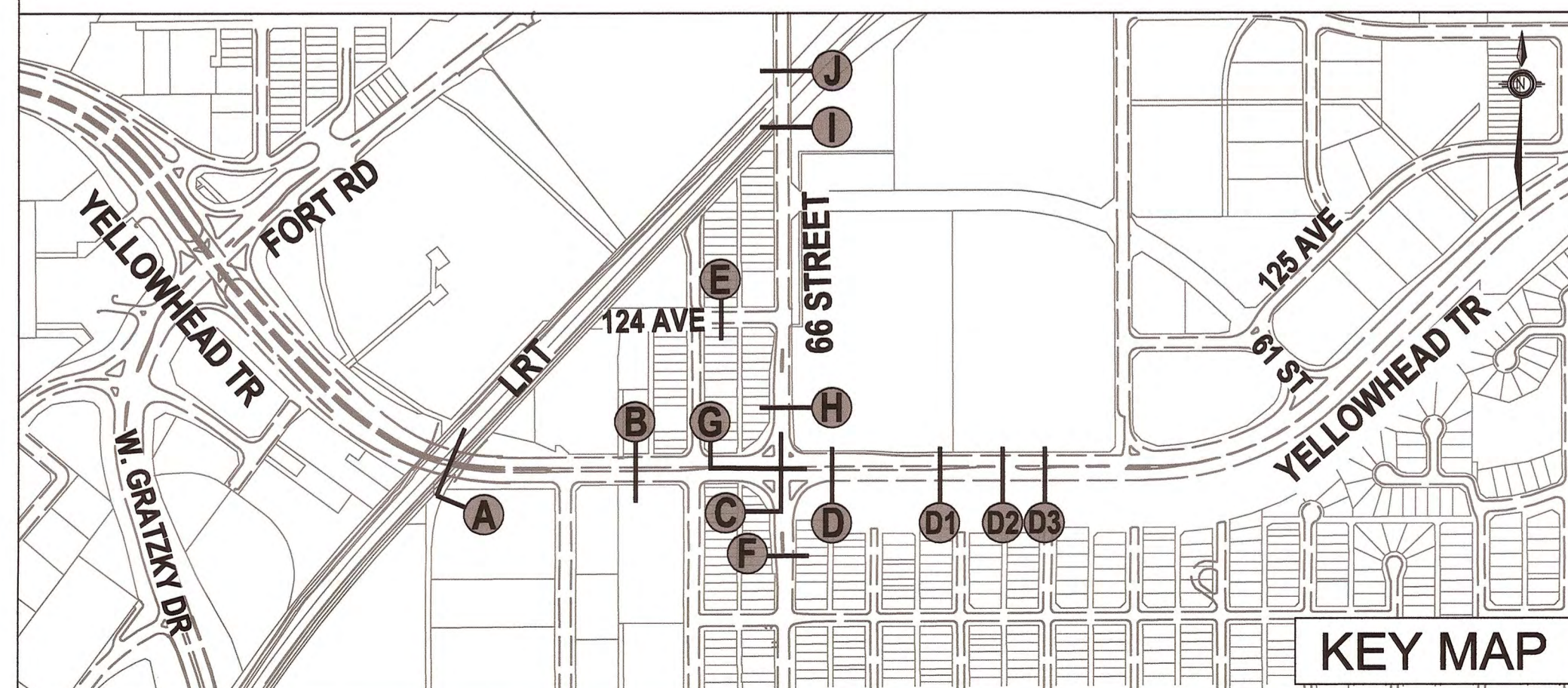


**TYPICAL CROSS-SECTION I-I**  
**66 STREET NORTH OF 125 AVENUE**  
**APPROX. STA. 10+761**

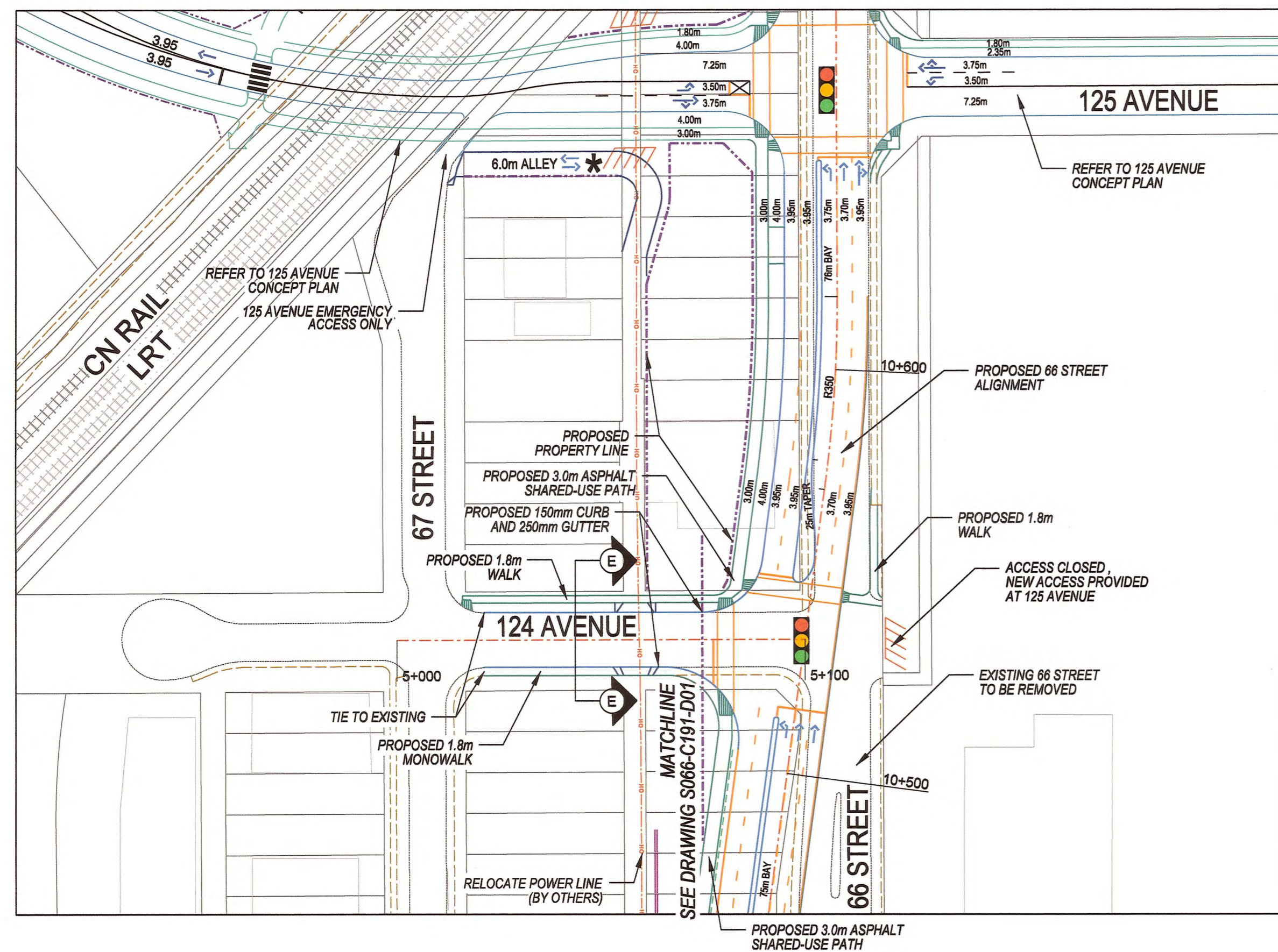


**TYPICAL CROSS-SECTION J-J**  
**66 STREET NORTH OF 125 AVENUE**  
**APPROX. STA. 10+807**

**NOTE:**  
 - LRT CROSSING SAFETY IMPROVEMENTS TO BE RECONFIRMED WITH HATCH DESIGN.  
 - PEDESTRIAN GATE LOCATION AT LRT CROSSING TO BE DETERMINED / FINALIZED AT THE DESIGN STAGE.

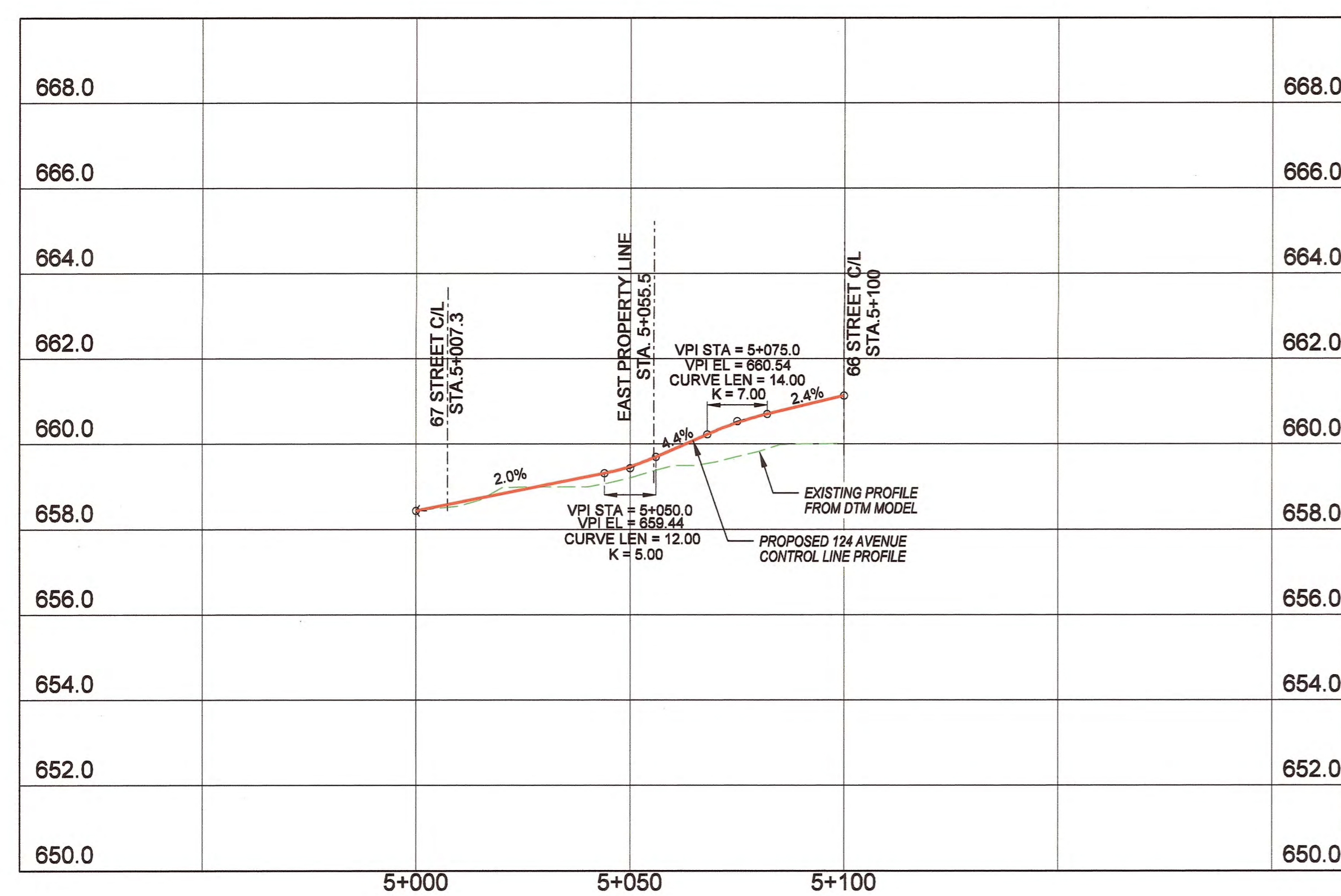
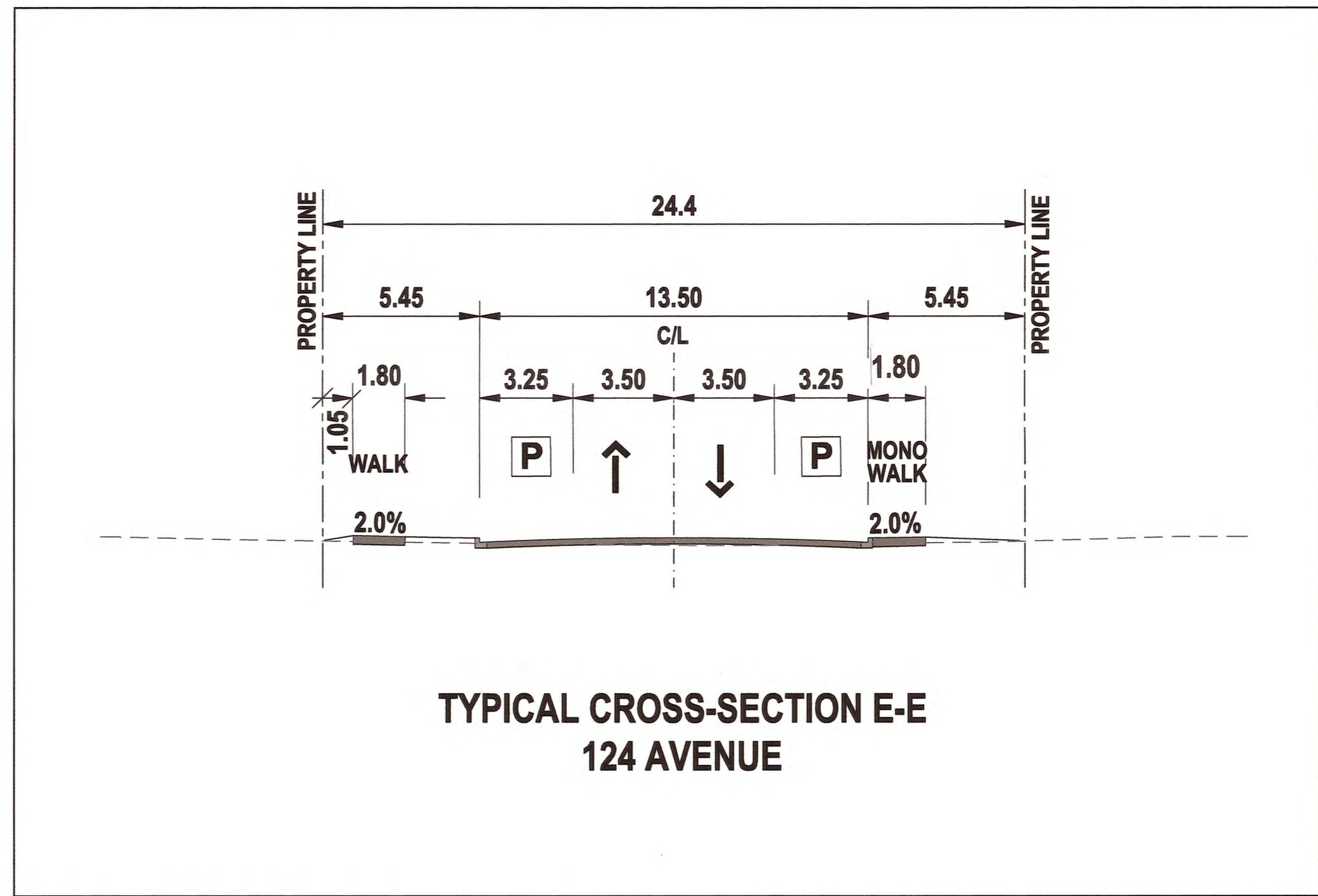


 	Feb 13 / 20  Date Feb 13, 2020 PERMIT NUMBER: P 2104 The Association of Professional Engineers, Geologists and Geophysicists of Alberta	 Director, Yellowhead Trail Portfolio 2020-02-25	CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN <b>YELLOWHEAD TRAIL</b> 66 STREET TYPICAL CROSS-SECTIONS	
				DESIGNED: B. STAPOR REVIEWED: C. BROKS DATE: 2020/02/07

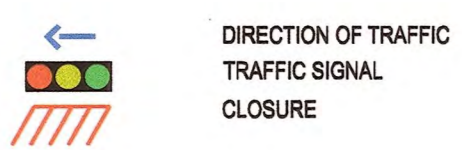


**NOTE**  
**DESIGN ELEMENTS TO BE FINALIZED AT PRELIMINARY DESIGN STAGE:**

- \* - LOCAL ROADS ACCESS MANAGEMENT
- RETAINING WALL REQUIREMENTS
- BARRIER TYPE AND TRANSITION POINTS
- ROAD PLAN, PROFILES AND CROSS-SECTIONS TO BE FINALIZED AFTER TOPOGRAPHIC SURVEY
- ROAD ELEMENTS REMOVALS

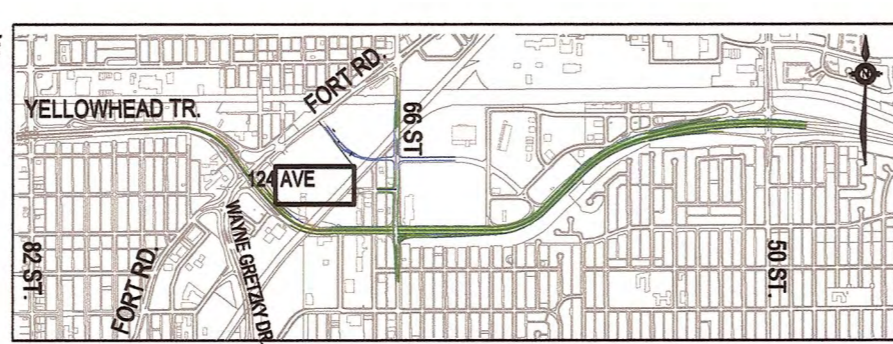
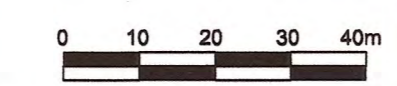


- LEGEND**
- PROPOSED RIGHT-OF-WAY ALIGNMENT CONTROL LINE
  - EXISTING FACE OF CURB
  - PROPOSED 150mm CURB AND 250mm GUTTER
  - PROPOSED 125mm SEMI-MOUNTABLE CURB AND 250mm GUTTER
  - PROPOSED BARRIER
  - PROPOSED RETAINING WALL
  - PROPOSED SHOULDER
  - PROPOSED TRAVEL LANE EDGE
  - EXISTING WALK / SUP
  - PROPOSED SHARED-USE PATH (SUP) / WALK



NOTE: DIMENSIONS SHOWN INDICATE LANE WIDTH. IN CASE OF CURBSIDE LANE AND SHOULDERS, DIMENSION INCLUDES WIDTH OF GUTTER.

**124 AVENUE**  
 DESIGN SPEED - 50 km/h  
 POSTED SPEED - 50 km/h



**Al-Terra**  
 Engineering and Land Services

Feb 13/20  
 PROFESSIONAL ENGINEER  
 ALBERTA  
 B. Stapor

**PERMIT TO PRACTICE**  
 AL-TERRA ENGINEERING LTD.  
 Signature: [Signature]  
 Date: Feb 13, 2020  
**PERMIT NUMBER: P 2104**  
 The Association of Professional Engineers, Geologists and Geophysicists of Alberta

[Signature]  
 Director, Yellowhead Trail Portfolio

[Signature]  
 Supervisor, Yellowhead Trail Portfolio

**CONCEPT - SUBJECT TO PRELIMINARY DESIGN & SURVEY**

**YELLOWHEAD TRAIL**  
 124 AVENUE - STA 5+000 TO STA 5+100

PLAN NO.  
**A124 C191 D01**

**Edmonton** INTEGRATED INFRASTRUCTURE SERVICES

DESIGNED: B. STAPOR  
 REVIEWED: C. BROKS  
 DATE: 2020/02/07