



**MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
ROCKWORK ENGINEERING**

**July 2023**

**SITE REFERENCE INFORMATION**

**Project 86002-0255**

**ROCK SLOPE STABILIZATION  
JONES HILL WESTBOUND BLUFF, HWY 1**

Information provided in the site reference material is intended to be used by the Ministry of Transportation and Infrastructure in conjunction with other data relevant to the site. Although reasonable care has been exercised in collecting and assembling the site reference photographs and other data, the Ministry does not warrant the information for accuracy or reliability. The conditions shown are representative of the locations at the time the photos were taken, and other data collected. These conditions are subject to change with time. Any interpretation placed on this information by the Contractor will be at the Contractor's own risk.

Highway #1, Jones Hill Westbound Bluff

RFI Landmark No.: 100370, RFI Landmark Name: Entrance from CN Frontage Road, RFI Offset: 1.758 to 1.964 km

LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6

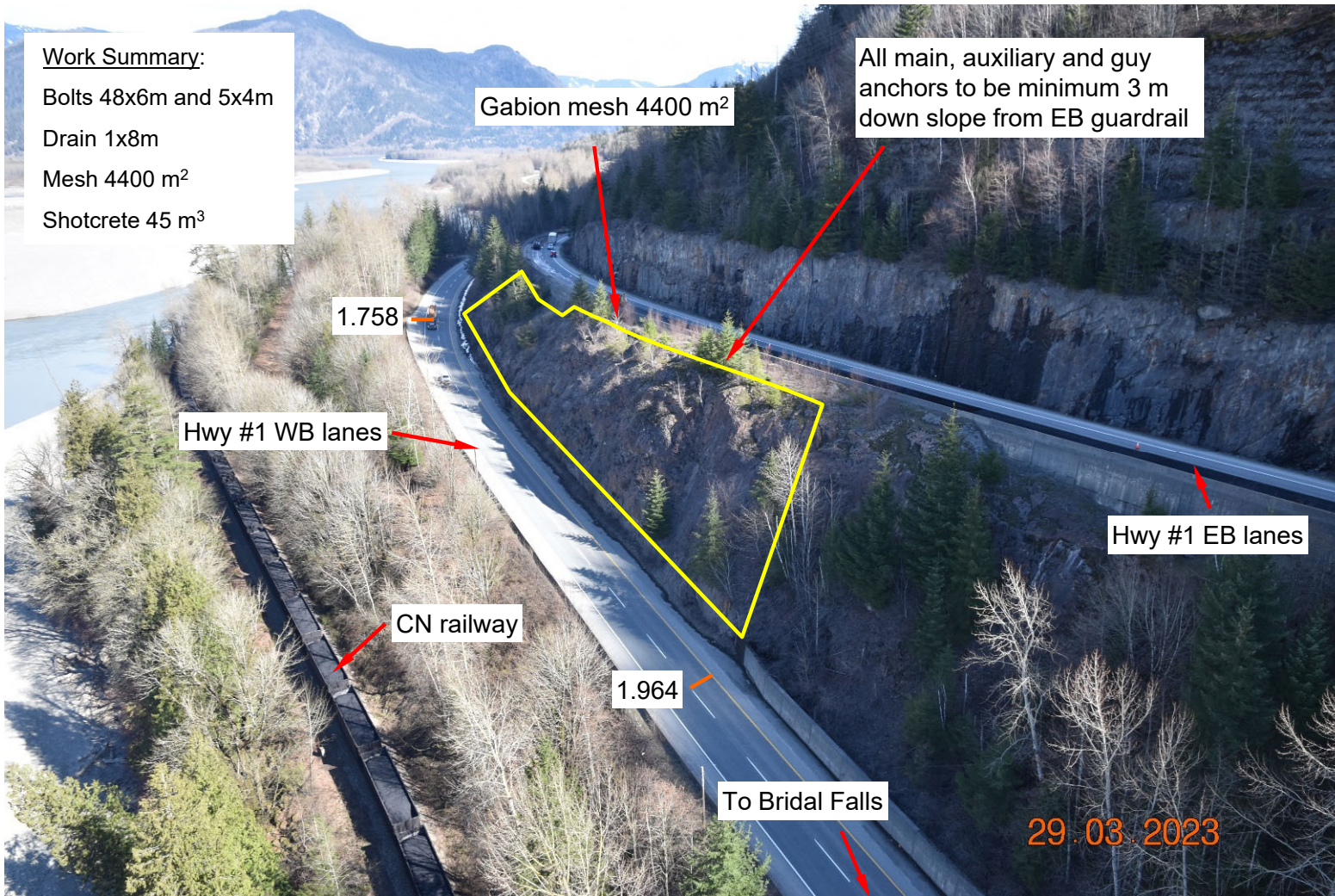


Photo #1: Overall oblique aerial view showing proposed work area – looking east

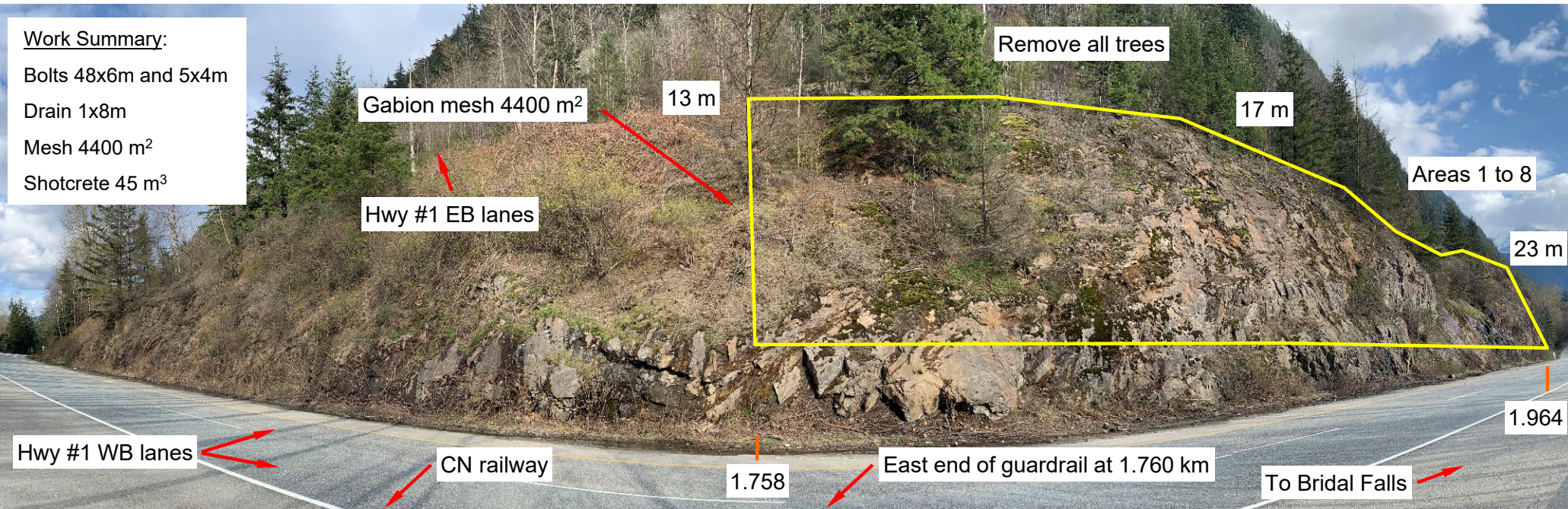
Ref# 12857 SCP March 29, 2023



Highway #1, Jones Hill Westbound Bluff

RFI Landmark No.: 100370, RFI Landmark Name: Entrance from CN Frontage Road, RFI Offset: 1.758 to 1.964 km

LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6



Photos #2: Overall view showing proposed work – east portion

Ref# 12862 SCP April 12, 2023

RHRS Section 149616 (A slope, 348 points, from 1.758 to 1.964 km)

Highway #1 eastbound lanes are located above Jones Hill Westbound Bluff

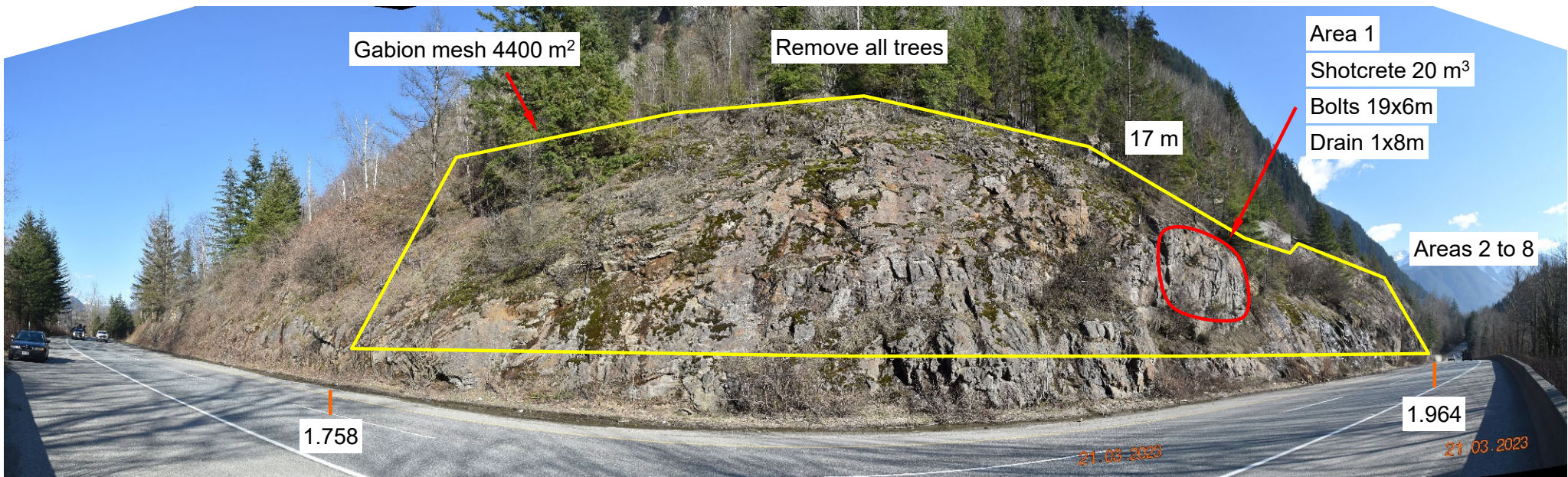
Remove all trees within and above mesh (up to eastbound lanes)



Highway #1, Jones Hill Westbound Bluff

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LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6



Photos #3: Overall view showing proposed work – east portion

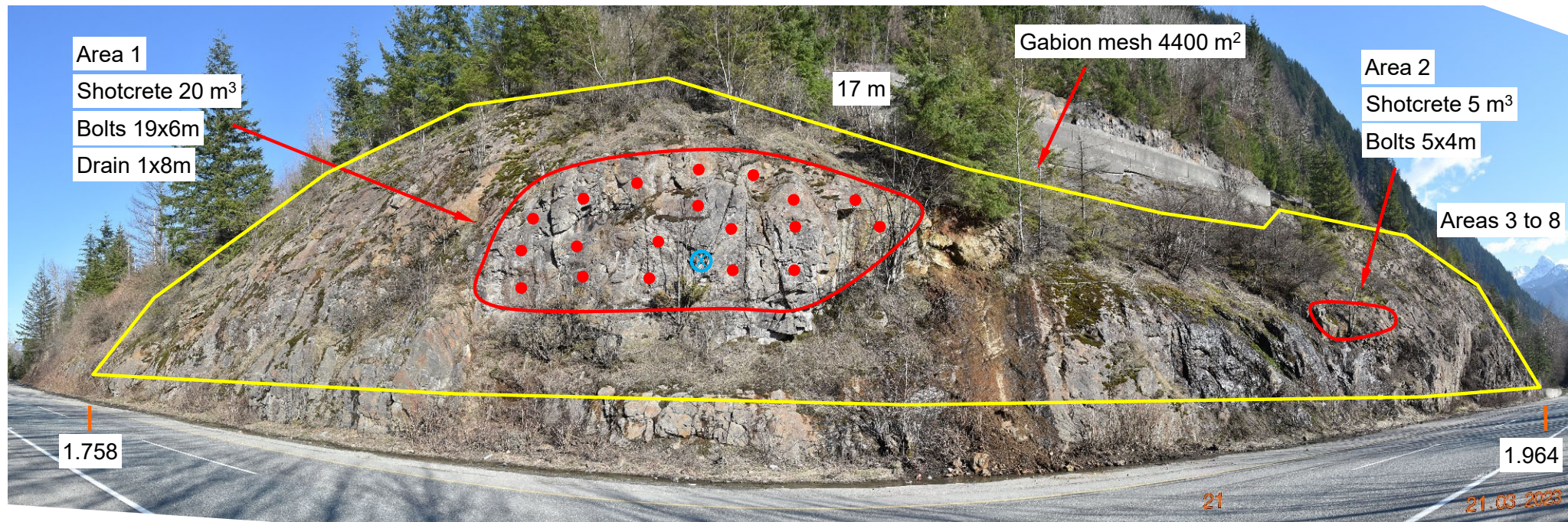
Ref# 12854 SCP March 21, 2023



Highway #1, Jones Hill Westbound Bluff

RFI Landmark No.: 100370, RFI Landmark Name: Entrance from CN Frontage Road, RFI Offset: 1.758 to 1.964 km

LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6



Photos #4: Overall view showing proposed work – east portion

Ref# 12854 SCP March 21, 2023

Drillholes for bolts to be 15 degrees down

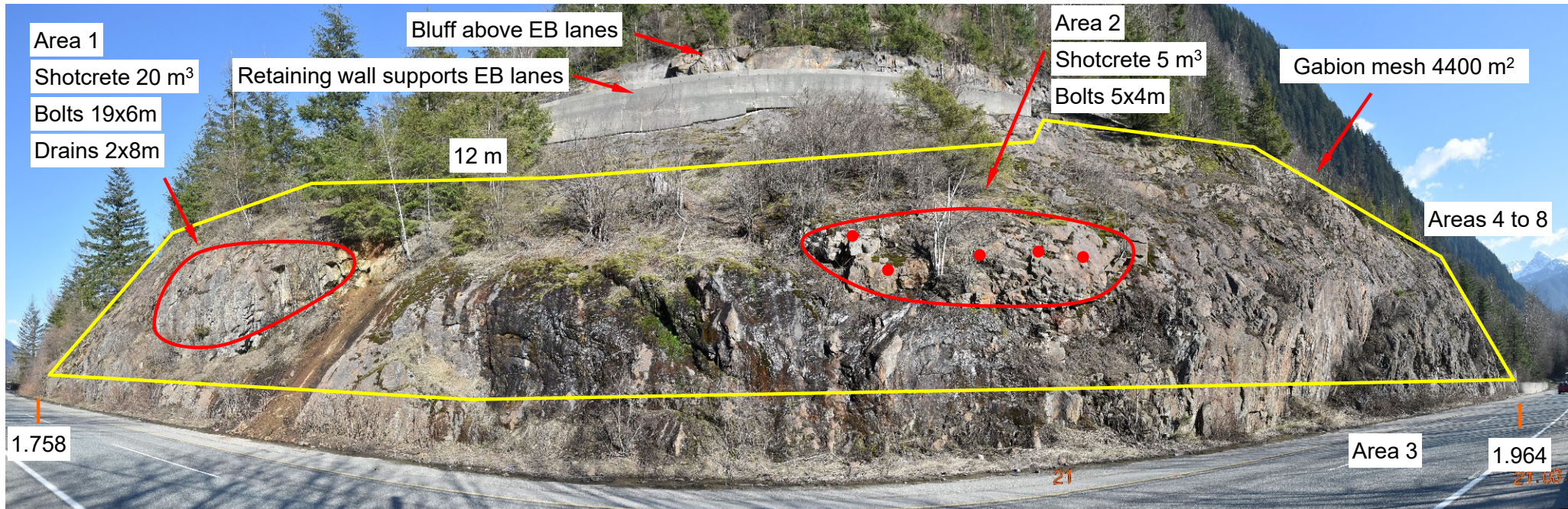
Rock fall site of Mar 3, 2023



Highway #1, Jones Hill Westbound Bluff

RFI Landmark No.: 100370, RFI Landmark Name: Entrance from CN Frontage Road, RFI Offset: 1.758 to 1.964 km

LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6



Photos #5: Overall view showing proposed work – centre portion

Ref# 12854 SCP March 21, 2023

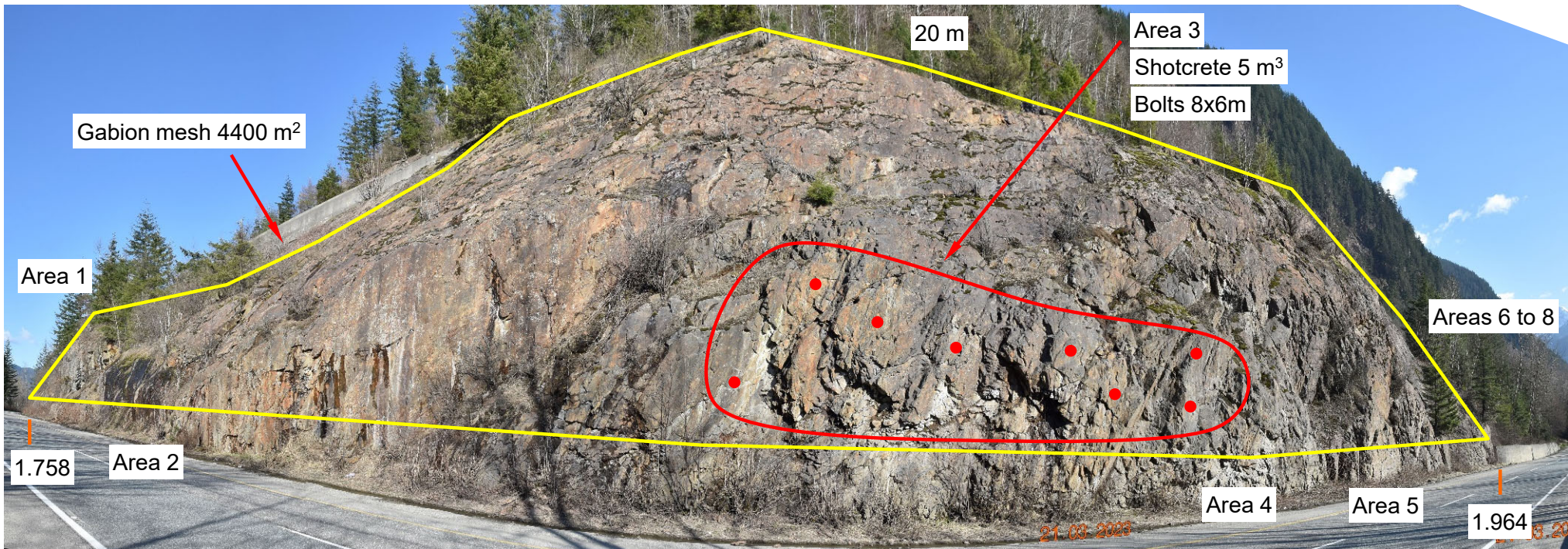
All main, auxiliary and guy anchors to be minimum 4 m downslope from bottom of retaining wall



Highway #1, Jones Hill Westbound Bluff

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LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6



Photos #6: Overall view showing proposed work – centre portion

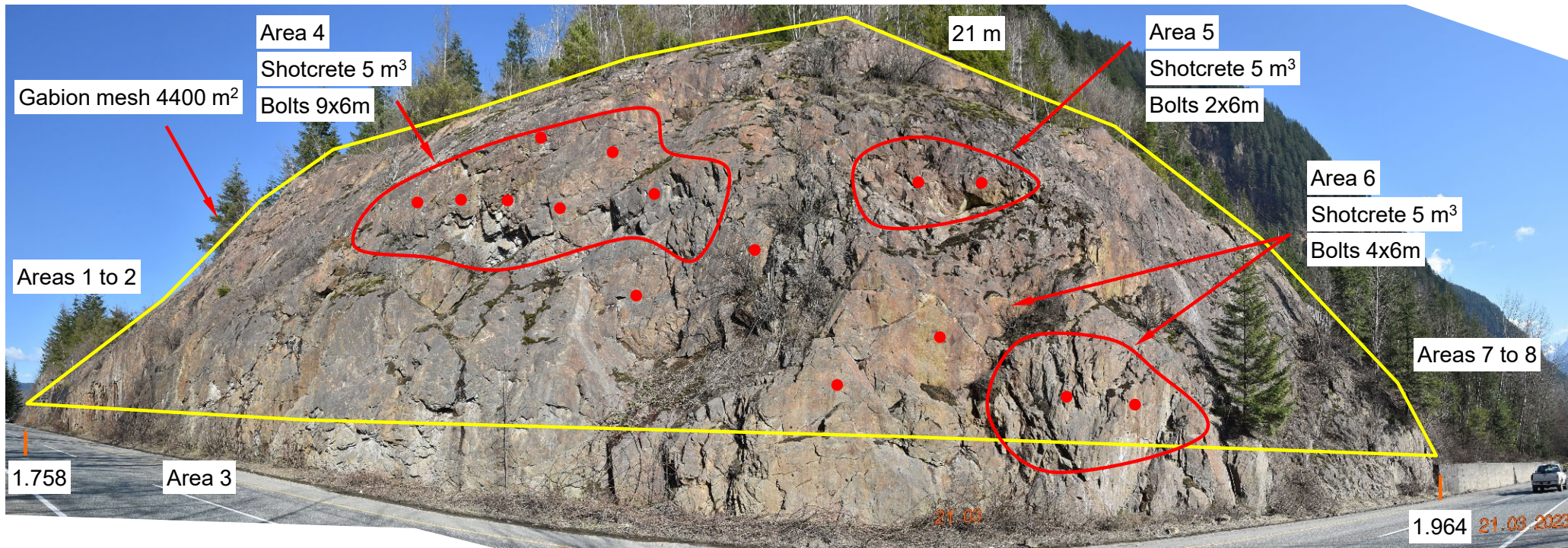
Ref# 12854 SCP March 21, 2023



Highway #1, Jones Hill Westbound Bluff

RFI Landmark No.: 100370, RFI Landmark Name: Entrance from CN Frontage Road, RFI Offset: 1.758 to 1.964 km

LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6



Photos #7: Overall view showing proposed work – west portion

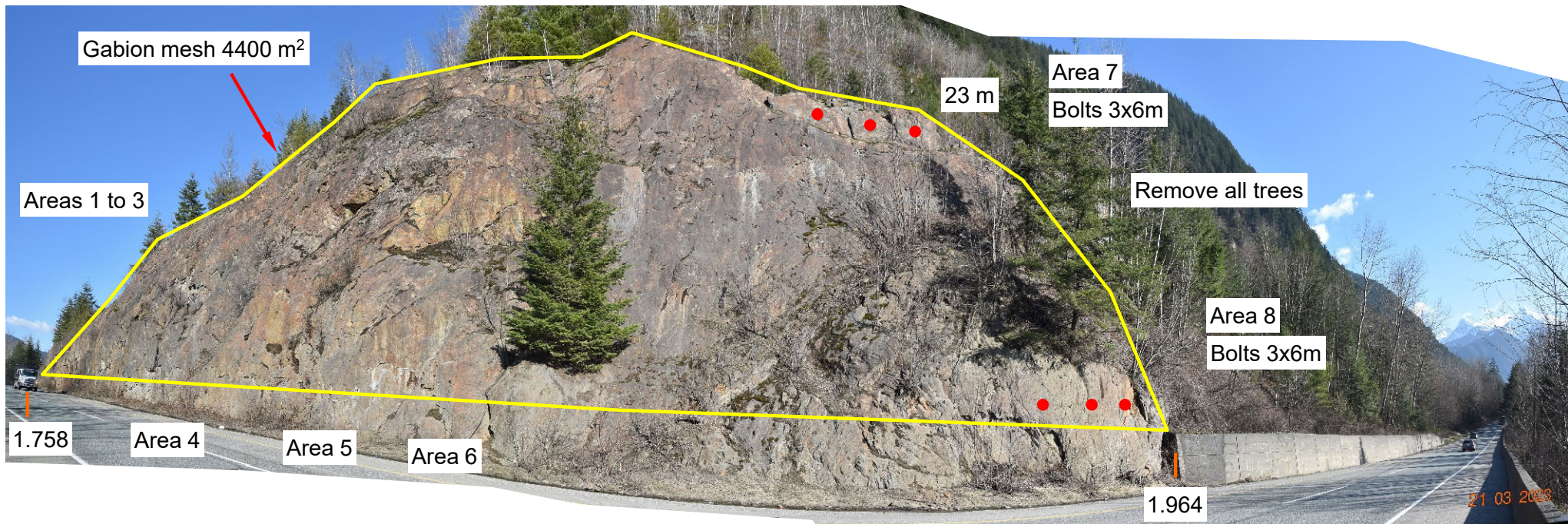
Ref# 12854 SCP March 21, 2023



Highway #1, Jones Hill Westbound Bluff

RFI Landmark No.: 100370, RFI Landmark Name: Entrance from CN Frontage Road, RFI Offset: 1.758 to 1.964 km

LKI Segment: 0541, LKI Segment Name: Hope to Bridal Falls, LKI km: 22.4 to 22.6



Photos #8: Overall view showing proposed work – west portion

Ref# 12854 SCP March 21, 2023