



McElhanney

for / pour



**Parks Canada
Agency**

**L'Agence Parcs
Canada**

**HIGHWAY 93 NORTH
BRIDGE FLARE REHABILITATION
FOR POBOKTAN CREEK BRIDGE
km 156+900**

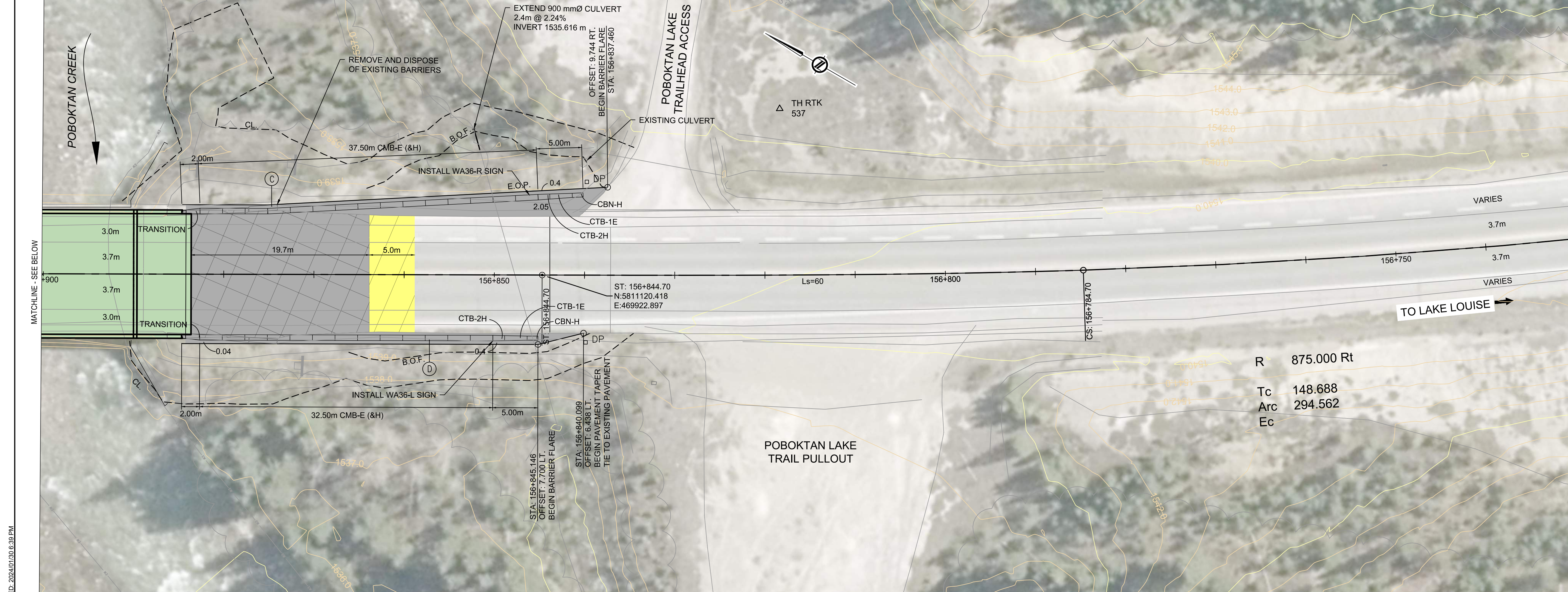
JASPER NATIONAL PARKS, ALBERTA

ISSUED FOR TENDER

PROJECT NO. 227904

JANUARY, 2024

C000



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NOTE:
ORTHOPHOTO IS FROM 2015. PAVEMENT MARKINGS WERE CHANGED TO ONE LANE IN EACH DIRECTION IN 2018.

ISSUED FOR TENDER

Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
0	2024.01.26	ISSUED FOR TENDER	A.R.	A.R.	S.Y.

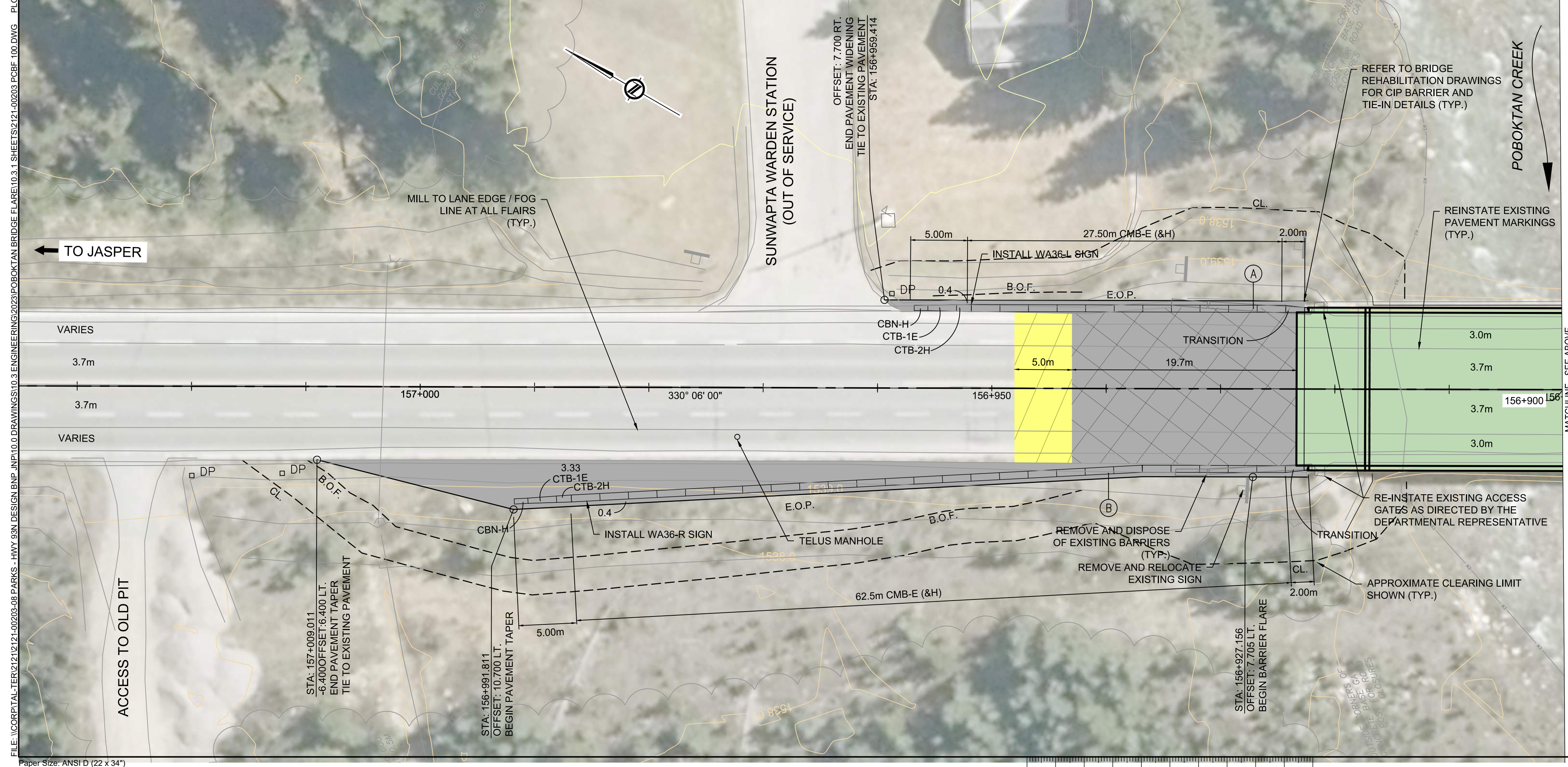
A B C	A detail number B source drawing no. C detail on drawing no.	A B C
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Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

PERMIT TO PRACTICE
McElhanney Consulting Services Ltd.
Signature: [Signature]
Date: 2024-02-02
PERMIT NUMBER: P 6383
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

FILE: \\CORP\PTAL\2121-00203-08 PARKS - HWY 93N DESIGN BNF - INP\10.0 DRAWINGS\10.3 ENGINEERING\2121-00203-08 BRIDGE FLARE\10.3.1 SHEETS\2121-00203-08 PCB 100.DWG PLOTTED: 2024/01/30 10:39:39 PM



LEGEND:

- BRIDGE REHABILITATION. REFER TO COWI DRAWING FOR BRIDGE DETAILS.
- ACP WIDENING. SEE SHEET 301 FOR DETAILS.
- REBUILD FULL PAVEMENT STRUCTURE
- MILLED TIE-IN TO EXISTING ASPHALT. SEE SHEET 301 FOR DETAILS.

BARRIER COMPONENTS				
ITEM	A	B	C	D
CBN-H	1	1	1	1
CTB-1E	1	1	1	1
CTB-2H	1	1	1	1
CMB-E	6	13	8	7
CMB-H	5	12	7	6
STD. BRIDGE PARAPET TRANSITION	1	1	1	1

Client

Parks Canada Agency

L'Agence Parcs Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project Title
Titre du projet

**HIGHWAY 93N
POBOKTAN CREEK BRIDGE FLARE
REHABILITATION**

JASPER NATIONAL PARK, ALBERTA

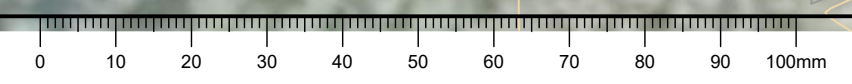
Drawing Title
Titre du dessin

**PLAN
BARRIER FLARES**

Surveyed by / Arpenté par -	Drawn by / Dessiné par A.R.	Date 2024.01.26
Designed by / Conçu par A.R.	Reviewed by / Révisé par S.Y.	Scale / Echelle 1:250

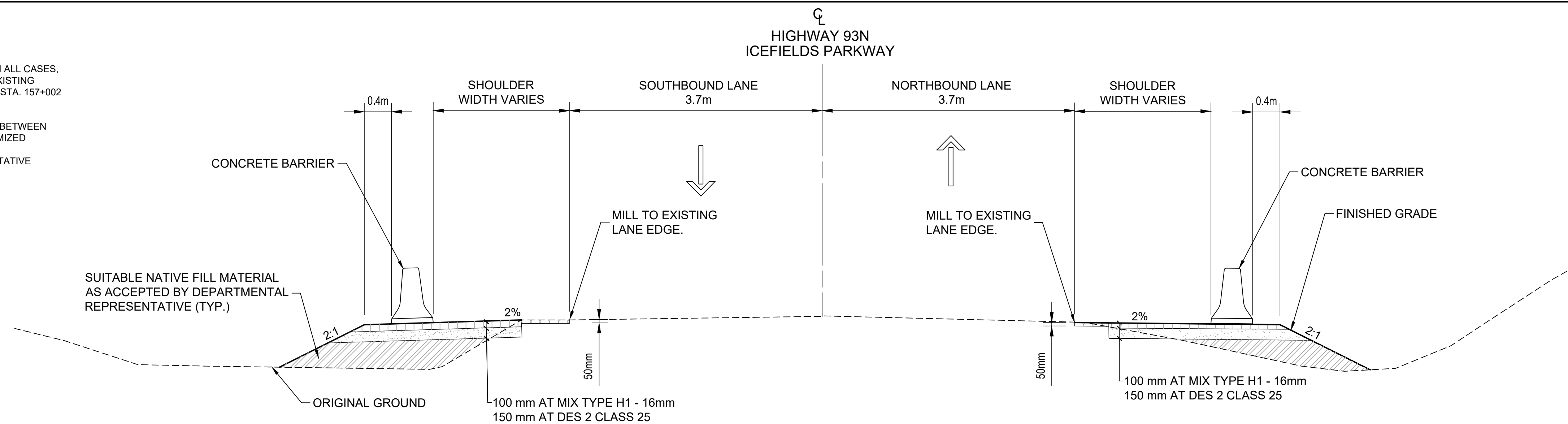
Parks Canada Project Manager / Administrateur de Projets Parcs Canada

Client Acceptance / Acceptation du client Parks Canada Responsible Officer / Agent Responsable Parcs Canada	Approved by / Approuvé par Parks Canada Project Manager / Administrateur de Projets Parcs Canada	
Project No. / No. du projet 227904	Asset No. / No. du bien -	Sheet No. / No. de la feuille C101
Drawing Reference No. / No. de référence du dessin 2121-00203-08		

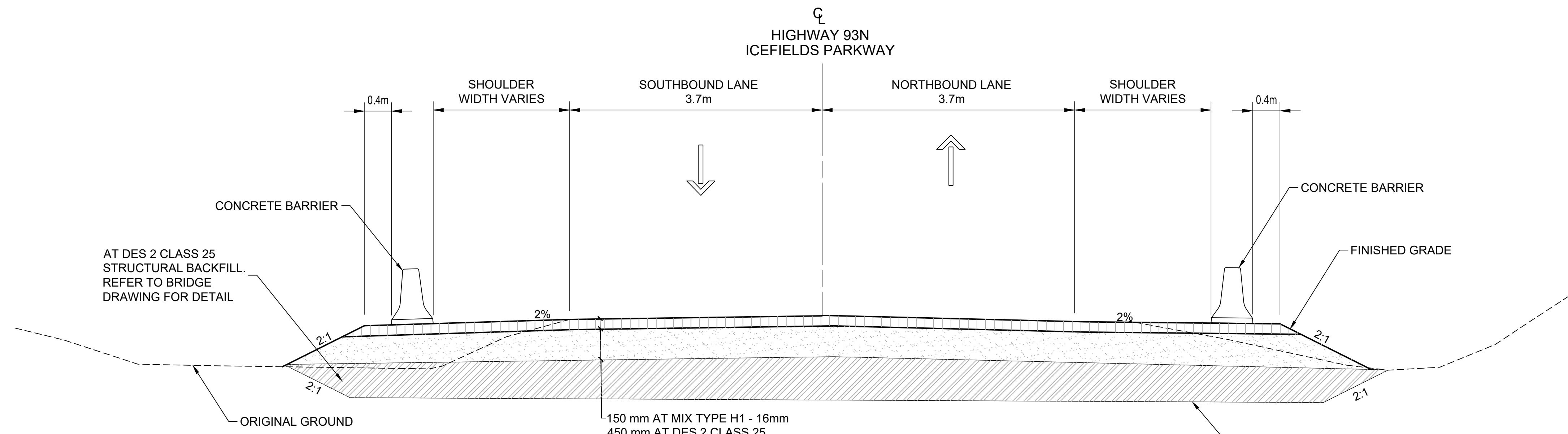


NOTES:

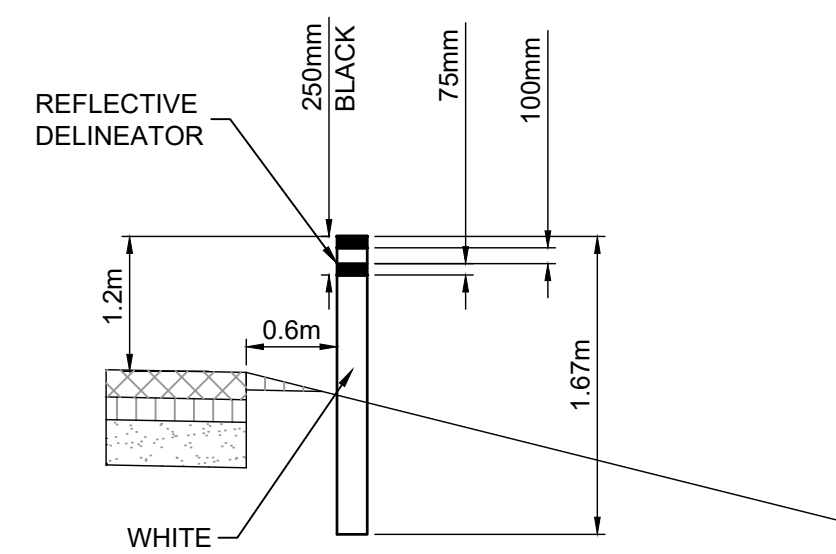
- TARGET 2:1 DAYLIGHTS IN ALL CASES, WITH 1.8:1 APPLYING FOR EXISTING CULVERT INLET/OUTLET AT STA. 157+002 TO 157+006
- LOCATION OF TRANSITIONS BETWEEN TYPICAL SECTION AND MINIMIZED SECTIONS DETERMINED BY DEPARTMENTAL REPRESENTATIVE



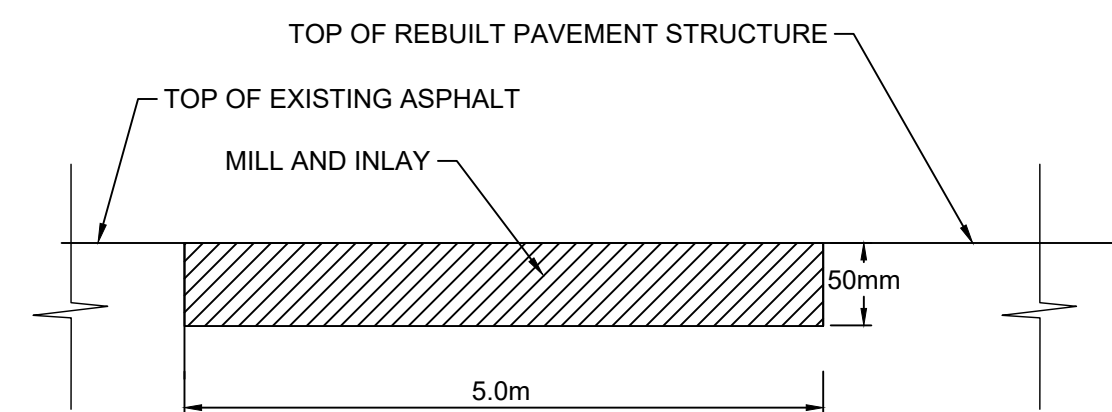
TYPICAL SECTION OF NORTH AND SOUTH BARRIER FLARE
N.T.S.



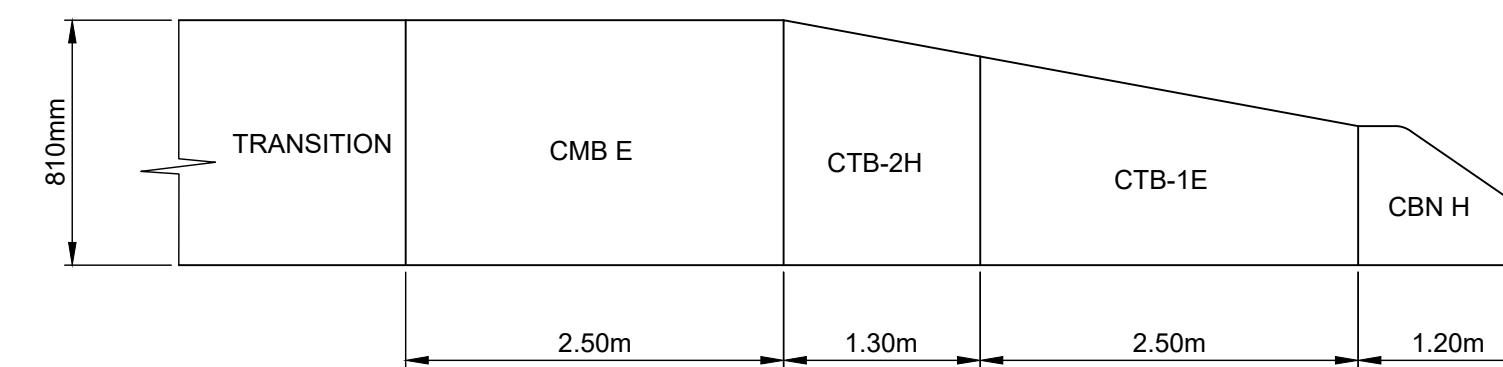
TYPICAL SECTION OF NORTH AND SOUTH BARRIER FLARE WITH FULL ROAD RECONSTRUCTION
N.T.S.



TYPICAL GUIDE POST INSTALLATION
N.T.S.



TYPICAL MILLED TIE-IN TO EXISTING ASPHALT HIGHWAY
N.T.S.



TYPICAL BARRIER END TREATMENT
N.T.S.

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0	2024.01.26	ISSUED FOR TENDER	A.R.	A.R.	S.Y.

A	detail number	A
B	source drawing no.	B
C	detail on drawing no.	C

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**HIGHWAY 93N
POBOKTAN CREEK BRIDGE FLARE
REHABILITATION**

JASPER NATIONAL PARK, ALBERTA

Drawing Title
Titre du dessin

TYPICAL SECTIONS

Surveyed by / Arpenté par	Drawn by / Dessiné par	Date
-	A.R.	2024.01.26
Designed by / Conçu par	Reviewed by / Revisé par	Scale / Echelle
A.R.	S.Y.	1:250

Parks Canada Project Manager / Administrateur de Projets Parcs Canada	
Client Acceptance / Acceptation du client	Approved by / Approuvé par
Parks Canada Responsible Officer / Agent Responsable Parcs Canada	Parks Canada Project Manager / Administrateur de Projets Parcs Canada

Project No. / No. du projet	Asset No. / No. du bien	Sheet No. / No. de la feuille
227904		C301
Drawing Reference No. / No. de référence du dessin		
2121-00203-08		

FILE: X:\2121\2121-00203-08 PARKS - HWY 93N DESIGN\BWP_INP\10.0 DRAWINGS\10.3 ENGINEERING\2023\POBOKTAN BRIDGE FLARE\10.3.1 SHEETS\2121-00203_PCBF_300.DWG - PLOTTED: 2024/01/29 2:08 PM

