



McElhanney

for / pour



Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

ROAD CONSTRUCTION
km 55.8 TO km 77
HIGHWAY 93 SOUTH SAFETY IMPROVEMENTS

KOOTENAY NATIONAL PARK, BRITISH COLUMBIA

ISSUED FOR TENDER

NOT FOR CONSTRUCTION

PROJECT NO. 201536A

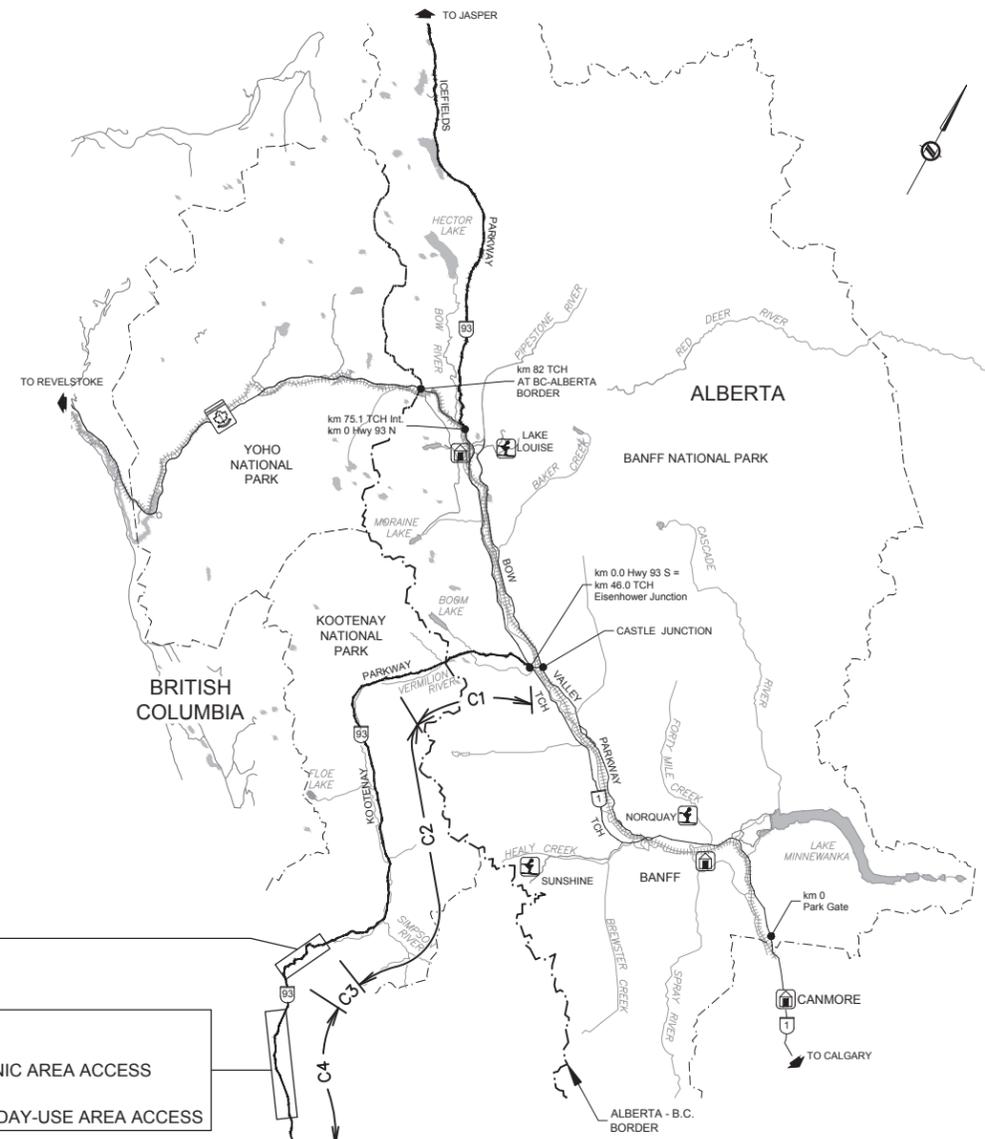
MARCH 2016

00-G1-C01

DRAWING INDEX			
KM	SEGMENT	SHEET No.	SHEET TITLE
	G1	C01	COVER SHEET
		C02	LOCATION MAP, KEY PLANS AND DRAWING INDEX
		C03	LEGEND
km 55.8-60.3	C3	101-108	PLAN AND PROFILE
		301-302	TYPICAL SECTIONS
		401-408	GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS
km 67.4-67.9	C4	101-102	PLAN AND PROFILE
		301-302	TYPICAL SECTIONS
		401-402	GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS
	G1	501-503	DETAILS
FOR REFERENCE ONLY			
	C3	XS01-XS32	CROSS SECTIONS
	C4	XS01-XS14	CROSS SECTIONS

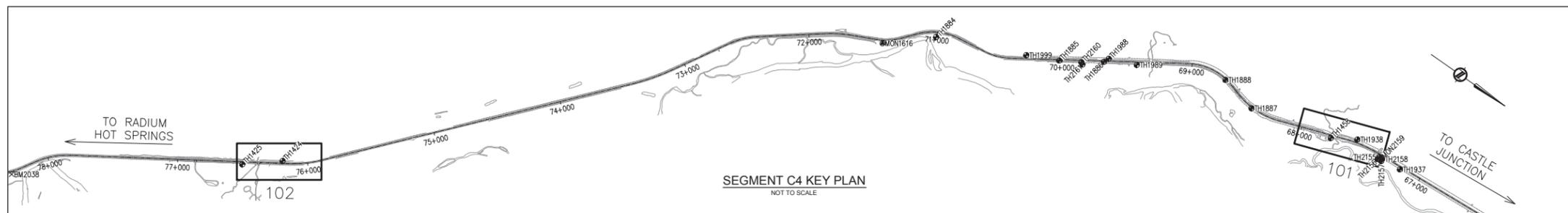
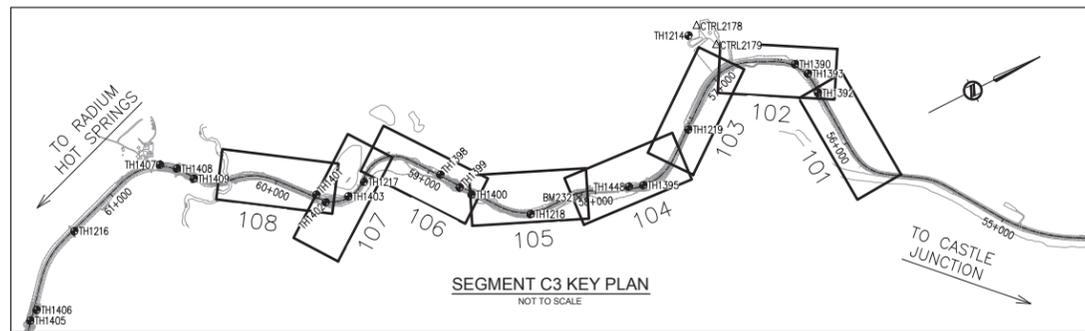
CONTROL REFERENCE					
POINT ID	NORTHING	EASTING	ORTH. ELEV.	CODE DESCRIPTION	COMBINED S.F.
5	5653194.724	571350.662	1266.873	MON 1630J PUBLISHED	0.99946417
1206	5653195.734	571348.151	1266.542	TH RTK AVERAGED	0.99946421
1214	5640326.757	567561.489	1272.435	TH RTK AVERAGED	0.99945683
1217	5638351.368	567478.715	1193.069	TH RTK AVERAGED	0.99946912
1218	5639099.575	568052.907	1225.346	TH RTK AVERAGED	0.99946502
1219	5640093.046	568027.044	1244.011	TH RTK AVERAGED	0.99946206
1223	5652440.080	571728.619	1268.801	TH RTK AVERAGED	0.99946453
1225	5652884.878	571615.983	1273.562	TH RTK	0.99946359
1226	5653085.870	571492.579	1267.247	TH RTK	0.99946436
1390	5640785.367	567968.462	1242.274	TH RTK	0.99946223
1392	5640827.976	568167.694	1228.305	TH RTK	0.99946475
1393	5640826.165	568047.508	1235.837	TH RTK	0.99946337
1395	5639731.270	568190.209	1243.469	TH RTK	0.99946241
1398	5638749.198	567632.942	1207.805	TH RTK	0.99946707
1399	5638813.404	567744.428	1210.313	TH RTK	0.99946686
1400	5638854.714	567808.671	1211.691	TH RTK	0.99946675
1401	5638082.911	567422.841	1183.628	TH RTK	0.99947050
1402	5638110.647	567483.895	1186.594	TH RTK	0.99947014
1403	5638238.120	567511.492	1188.076	TH RTK	0.99946995
1409	5637514.112	567038.971	1171.897	TH RTK	0.99947170
1424	5624569.018	574205.751	1129.353	TH RTK	0.99949079
1425	5624329.884	574404.467	1128.213	TH RTK	0.99949133
1448	5639654.976	568162.101	1243.219	TH RTK	0.99946241
1458	5631080.658	569449.285	1157.165	TH RTK	0.99947805
1937	5631654.256	569342.663	1158.767	TH RTK	0.99947762
1938	5631254.312	569341.755	1158.550	TH RTK	0.99947765
2155	5631468.045	569356.257	1158.642	TH (4778)	0.99947766
2156	5631466.584	569376.904	1153.200	TH (4789)	0.99947855
2157	5631500.256	569372.554	1158.960	TH (4825)	0.99947764
2158	5631496.548	569355.970	1158.854	TH (4827)	0.99947763
2159	5631488.225	569357.400	1159.138	MON (4829)	0.99947758
2178	5640390.631	567535.311	1266.957	CTRL (5451)	0.99945765
2179	5640441.448	567679.086	1262.703	CTRL (5452)	0.99945855
2321	5639379.775	568089.762	1239.136	BM#1622J	0.99946292

NOTE: COORDINATES SHOWN ARE IN UTM, ZONE 11, NAD 83 (CSRS).



SEGMENT C3:
 • Km 55.8 to Km 60.3
 CLIMBING LANES

SEGMENT C4:
 • Km 67.4 to Km 67.9
 DOLLY VARDEN PICNIC AREA ACCESS
 • Km 76.0 to Km 76.6
 McLEOD MEADOWS DAY-USE AREA ACCESS



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NOT FOR CONSTRUCTION

0 2016.03.14 ISSUED FOR TENDER RL SF

No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A	detail number numéro de détail
B	source drawing no. de dessin no.
C	detail on drawing no. détail sur dessin no.

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
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Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**LOCATION MAP, KEY PLANS
AND DRAWING INDEX**

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	N/A

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agri Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		C02

Drawing Reference No./No. de référence du dessin

2121-00202-00-G1

File name: O:\proj\21-00202-00 pca - 83s rehab and safety\10.0 drawings\10.3 engineering\3 km 55 to 61-climbing\10.3.6 sheets\00202-G1-C02-Key Plan.dwg\020
 April 25, 2016, 11:42:56
 Plotted:

ALIGNMENT ABBREVIATIONS

- BC – BEGINNING OF CURVE
- EC – END OF CURVE
- TS – TANGENT TO SPIRAL
- SC – SPIRAL TO CURVE
- CS – CURVE TO SPIRAL
- ST – SPIRAL TO TANGENT
- PCC – POINT OF COMPOUND CURVATURE
- POT – POINT ON TANGENT
- POC – POINT ON CURVE
- POS – POINT ON SPIRAL
- BVC – BEGINNING OF VERTICAL CURVE
- EVC – END OF VERTICAL CURVE
- PVI – POINT OF VERTICAL INTERSECTION
- ELEV – ELEVATION
- PI – POINT OF INTERSECTION
- STA – STATION

MISCELLANEOUS ABBREVIATIONS

- AT – ALBERTA TRANSPORTATION
- BH – BORE HOLE
- B.O.F. – BOTTOM OF FILL
- BW – BACK OF SIDEWALK
- CB – CATCH BASIN
- C&G – CURB AND GUTTER
- CDB – CONCRETE DRAINAGE BARRIER
- CI – CULVERT INLET
- C.I.P. – CAST IN PLACE CONCRETE
- CO – CULVERT OUTLET
- CULV – CULVERT
- DES – DESIGN
- EB – EASTBOUND
- EOP – EDGE OF PAVEMENT
- EX – EXISTING
- INV. – INVERT
- LOG – LIP OF GUTTER
- LS – LIGHT STANDARD
- LT – LEFT TURN
- MH – MANHOLE
- MoTI – BC MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
- NB – NORTHBOUND
- N.I.C. – NOT IN CONTRACT
- PROP – PROPOSED
- PP – POWER POLE
- RT – RIGHT TURN
- S – SANITARY
- SB – SOUTHBOUND
- ST – STORM
- T.O.C. – TOP OF CUT
- W – WATER
- WB – WESTBOUND

LEGEND

EXISTING	DESCRIPTION	PROPOSED
	CONTROL POINT & ID	△ CTRL1455
	CONTROL MONUMENT & ID	● MON2757
	CONTROL BENCHMARK & ID	✕ BM2738
	BORE HOLE & ID	⊕ 2015B-BH44
	TEST HOLE & ID	⊕ TH2756
	SURVEY GRID (NAD 83)	
	CONTROL LINE AND STATIONING	67+500
	ALIGNMENT GEOMETRY POINTS & STATIONING	T.S. 55+325.101
	EDGE OF WATER	
	TREE LINE	
	CANADIAN PACIFIC RAILWAY	
	GAURD RAIL C/W POSTS	
	EDGE OF GRAVEL ROAD	
	EDGE OF PAVEMENT	
	EDGE OF GRAVEL SHOULDER	
	SUBGRADE ELEVATION	
	CURB AND GUTTER	
	CONCRETE BARRIER	
	DRAINAGE BARRIER	
	TOP OF CUT	
	BOTTOM OF FILL	
	FULL DEPTH PAVEMENT	
	PAVEMENT MILLING	
	PAVEMENT OVERLAY	
	DRAINAGE SIDE DITCH	
	DRAINAGE MEDIAN DITCH	
	CULVERT	
	DITCH BLOCK	
	CATCH BASIN AND LEAD	
	BARRIER DRAIN AND LEAD c/w SPLASH PAD	
	ASPHALT SPILLWAY c/w SPLASH PAD	
	RETAINING WALL	
	WILDLIFE FENCING	
	WILDERNESS ZONE BOUNDARY	
	CLEARING LINE	
	GATE	
	POWER POLE	
	UNDERGROUND TEL & MANHOLE	
	POWER POLE WITH LIGHT	
	UTILITY POLE	
	ROAD SIGN (SINGLE POLE)	
	ROAD SIGN (MULTIPLE POLES)	
	ROAD SIGN (DOUBLESIDED)(SINGLE POLE)	
	ROAD SIGN (CANTILEVER)	
	DELINEATOR POLE	

ENVIRONMENTAL CLASS

- ARCHEOLOGICAL & CULTURAL AREA:
- PROJECT RISK – HIGH
 - PROJECT RISK – MODERATE
 - PROJECT RISK – NEGLIGIBLE
- AQUATIC SENSITIVITY:
- FISH BEARING, GOOD HABITAT
 - FISH BEARING UNCERTAIN, GOOD HABITAT
 - NOT FISH BEARING, POTENTIAL HABITAT
 - NO HABITAT

VEGETATION ELEMENTS OF MANAGEMENT CONCERN:

- PROJECT RISK – HIGH
- PROJECT RISK – MODERATE
- PROJECT RISK – LOW
- PROJECT RISK – NEGLIGIBLE

RARE PLANTS:

- 1: FEDERALLY PROTECTED SPECIES AT RISK
- 2: PROVINCIAL RARE SPECIES OR ECOLOGICAL COMMUNITY
- 3: PROVINCIAL RARE SPECIES OR ECOLOGICAL COMMUNITY

NOXIOUS PLANT WEEDS:

- #131 CANADA THISTLE SPECIES CATEGORY 0 – NUMBER & NAME
- #234 KNAPWEED SPECIES CATEGORY 1 – NUMBER & NAME
- #168 TOADFLAX SPECIES CATEGORY 2 – NUMBER & NAME
- #343 LEAFY SPURGE SPECIES CATEGORY 3 – NUMBER & NAME
- #268 OXEYE DAISY SPECIES CATEGORY 4 – NUMBER & NAME

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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	RL	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision	
A	detail number / numéro de détail
B	source drawing no. / de dessin no.
C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client	
Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Canada Ouest et Nord Région

Consultant's Name Nom de l'expert-conseil
McElhanny

Project title/Titre du projet
HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin	
LEGEND	

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	N/A

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

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		C03
Drawing Reference No./No. de référence du dessin		
2121-00202-00-G1		

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NOTES:
 1. COORDINATES SHOWN ARE IN UTM, ZONE 11, NAD 83 (CSRS).
 2. LINWORK AND ARROWS ARE FOR LANING INFO ONLY. REFER TO GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS DRAWINGS FOR DETAILS.

NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	A
B	B
C	C

Consultant's Stamp
 Scellé de l'expert-conseil

Eng. Stamp
 Scellé de l'ingénieur

Client/client

Parks Canada
 Agency
 Western and Northern Region

L'Agence Parcs
 Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil

McElhanny

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**PLAN/PROFILE
 SB CLIMBING LANE**

STA 55+826.988 - 56+300

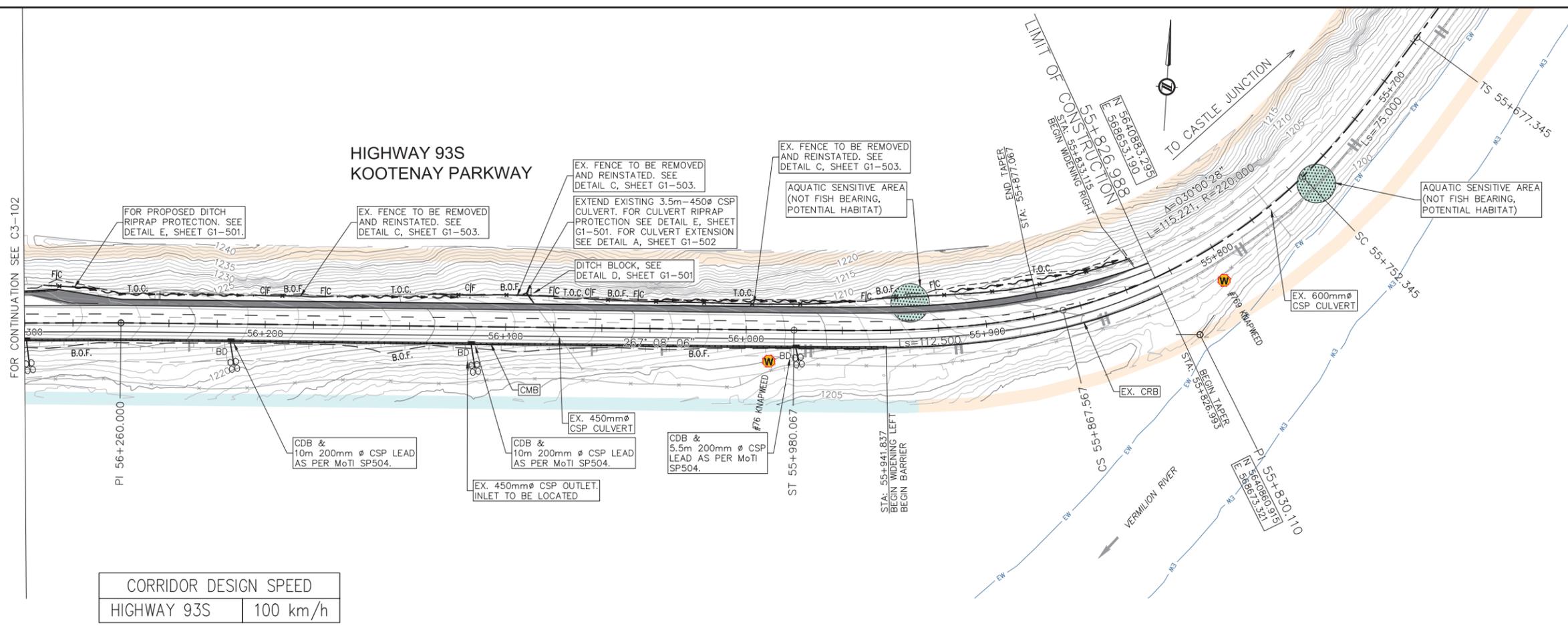
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	H - 1:1000 / V - 1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

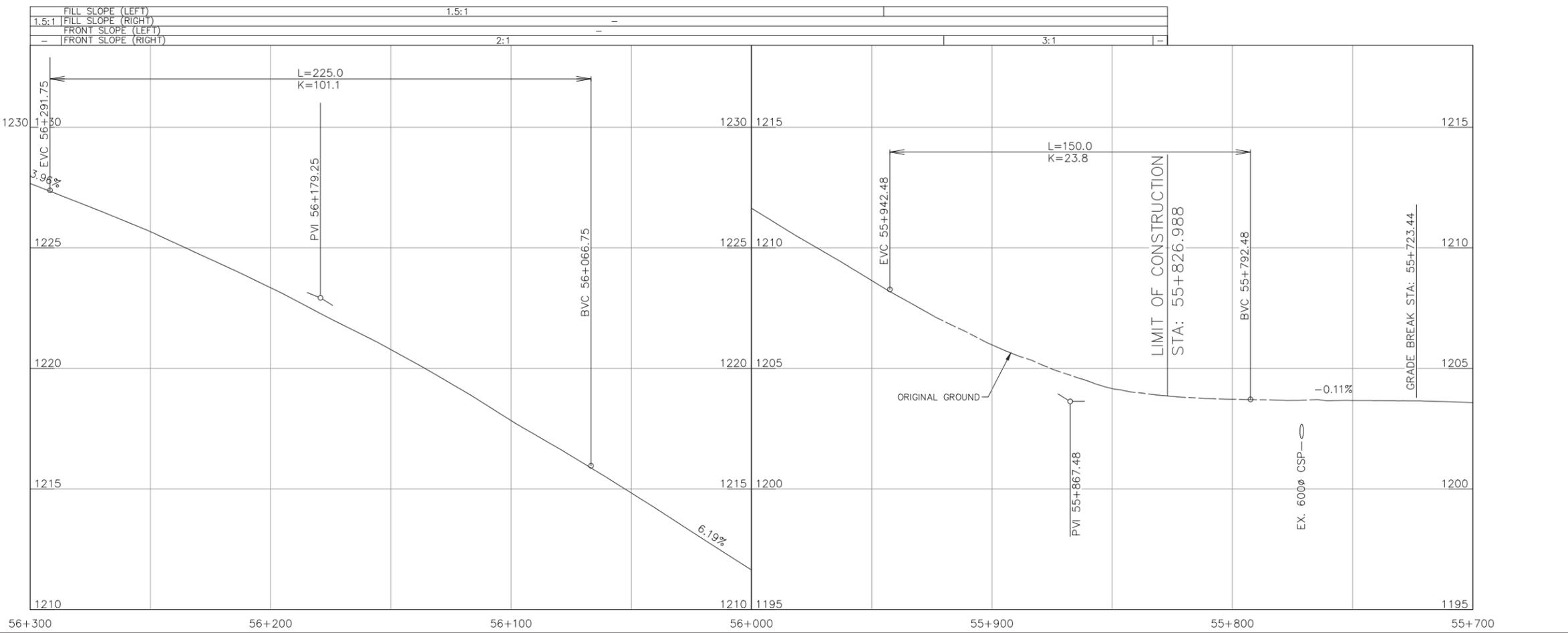
Client Acceptance/Acceptation du client

Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		101
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		



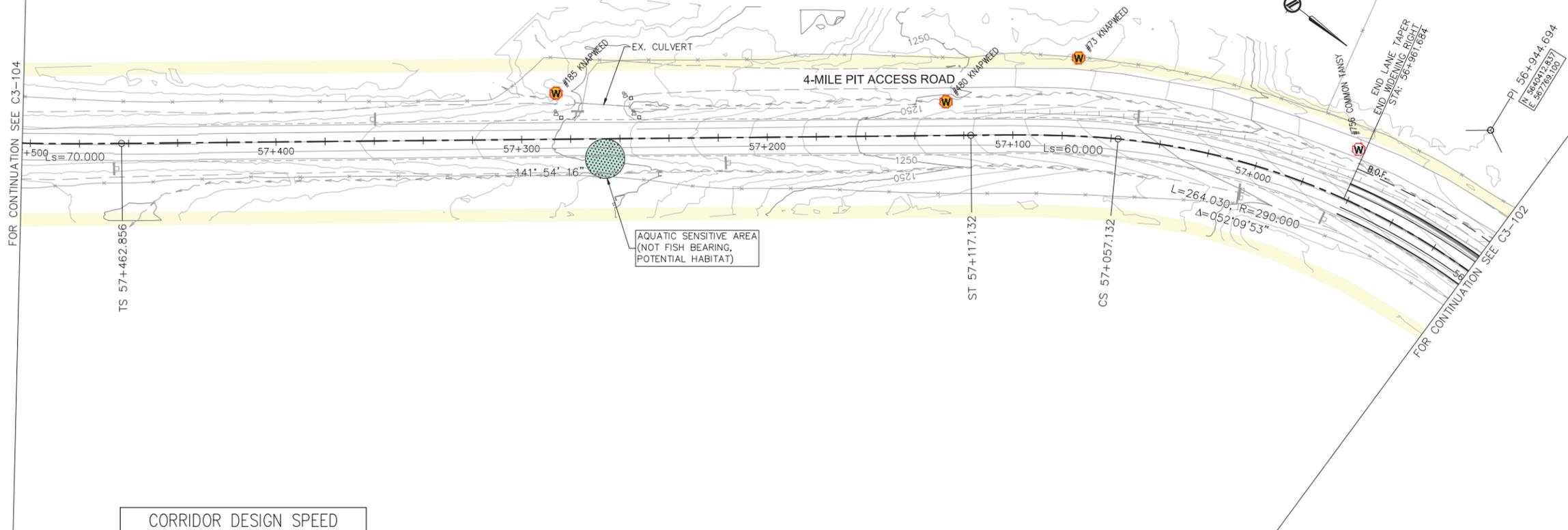
CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h



File name: C:\proj\2121-00202-00\pca-83\rehab and safety\10.0 drawings\10.3 engineering\3-5m to 6.1-climbing\10.3.6 sheets\0202-C3-100.dwg/101
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 Plotted:

HIGHWAY 93S
KOOTENAY PARKWAY

FOR CONTINUATION SEE C3-104



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A		A detail number numéro de détail		
B		B source drawing no. de dessin no.		
C		C detail on drawing no. détail sur dessin no.		

Consultant's Stamp / Sceau de l'expert-conseil

Eng. Stamp / Sceau de l'ingénieur

Client/client
 Parks Canada Agency Western and Northern Region
 L'Agence Parcs Canada Ouest et Nord Région

Consultant's Name / Nom de l'expert-conseil



Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
 KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**PLAN/PROFILE
 SB CLIMBING LANE**
STA 56+900 - 56+961.684

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	H - 1:1000 / V - 1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

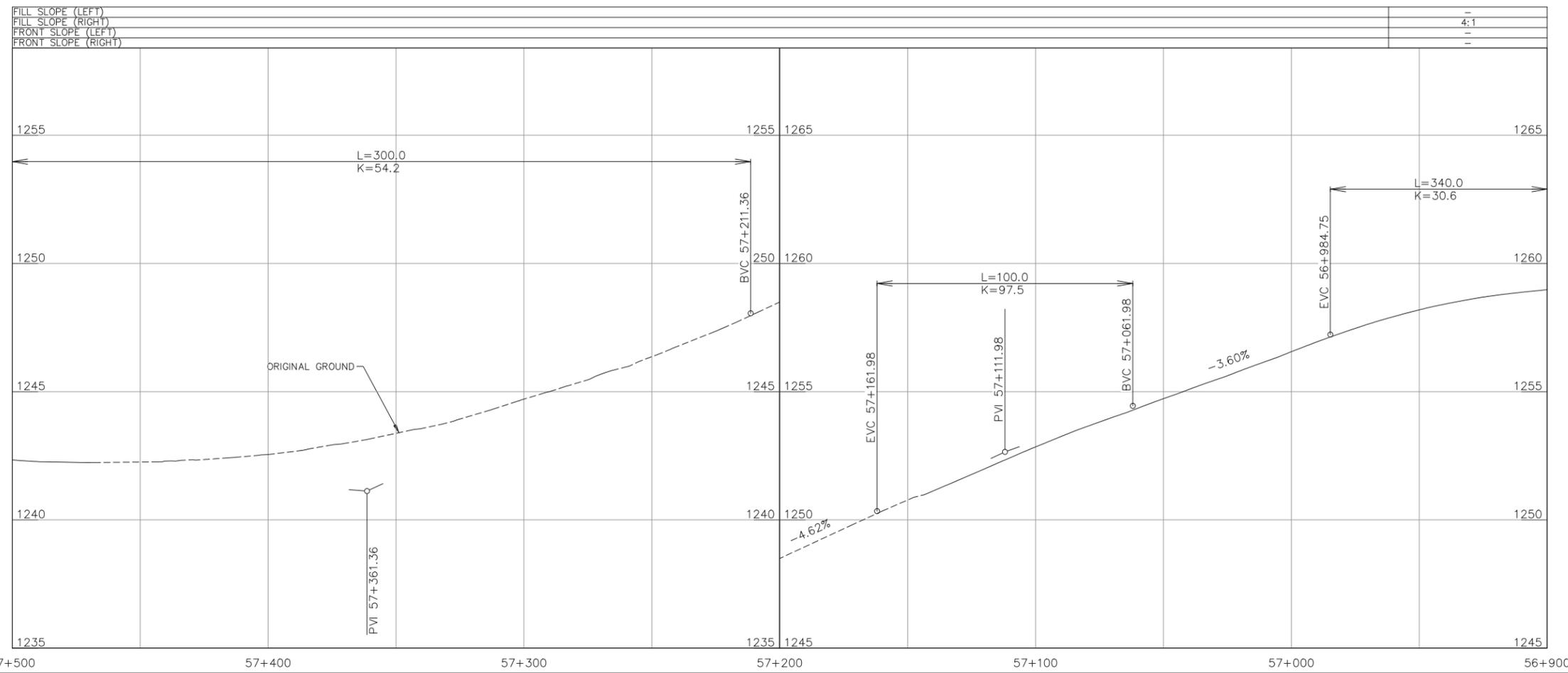
Approved by/Approuvé par

Parks Canada Responsible Officer/Agencé Responsable Parcs Canada

Project No./No. du projet
201536A

Asset No./No. du bien
103

Drawing Reference No./No. de référence du dessin
2121-00202-00-C3



Plotfile: O:\Proj\21-00202-00\pca - 83\rehab and safety\10.0 drawings\10.3 engineering\3 km 85 to 61-climbing\10.3.6 sheets\00202-C3-100.dwg\103
 April 25, 2016, 11:48:49

HIGHWAY 93S KOOTENAY PARKWAY

28.5m BENCHED LOCK-BLOCKS,
1 COURSE HIGH. SEE DETAIL A,
SHEET G1-503.

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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client	Parks Canada Agence Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
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Project title/Titre du projet
**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**PLAN/PROFILE
NB CLIMBING LANE**
STA 58+700 - 59+300

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	H - 1:1000 / V - 1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

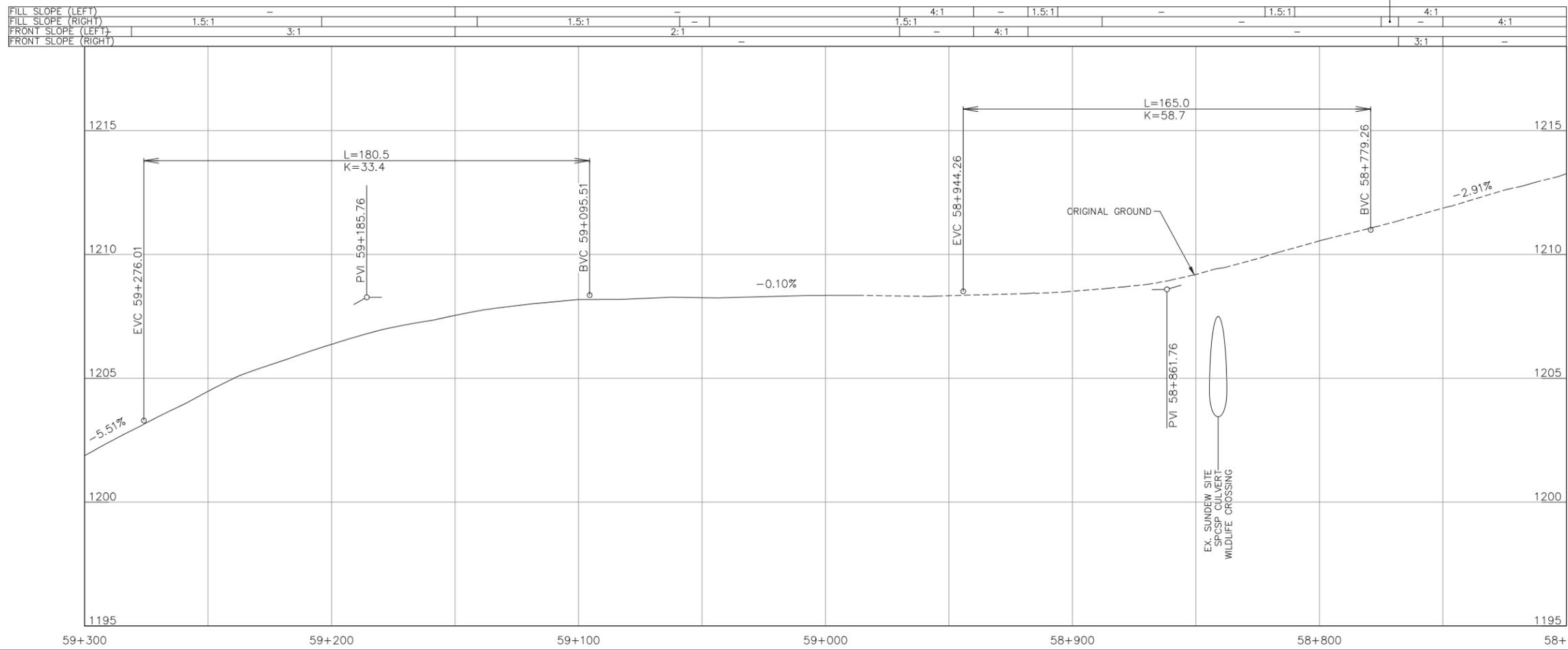
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		106

Drawing Reference No./No. de référence du dessin
2121-00202-00-C3

CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h



File name: O:\Proj\2121-00202-00 pca - 83\rehab and safety\10.0 drawings\10.3 engineering\3 km 85 to 61-climbing\10.3.6 sheets\00202-C3-100.dwg
 April 25, 2016, 11:50:34
 Plotted:

FOR CONTINUATION SEE C3-105

FOR CONTINUATION SEE C3-107

FOR PROPOSED DITCH
RIPRAP PROTECTION. SEE
DETAIL E, SHEET G1-501.

EX. FENCE TO BE
REMOVED AND
REINSTATED. SEE
DETAIL C, SHEET
G1-503.

EX. SUNDEW SITE
SPCSP CULVERT
WILDLIFE CROSSING

ASPHALT SPILLWAY
AS PER MOTI SP504

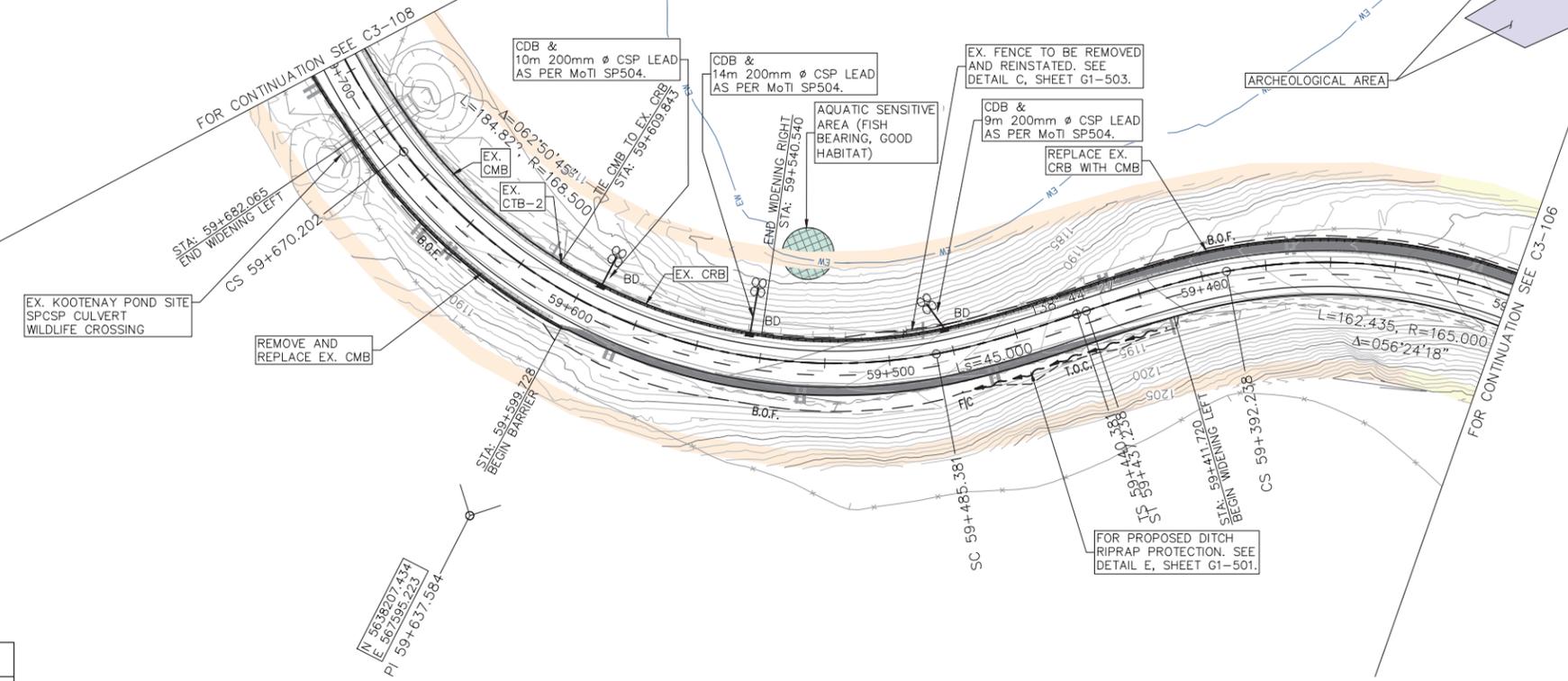
PROPOSED DITCH (TYP)



HIGHWAY 93S KOOTENAY PARKWAY

KOOTENAY POND

ARCHAEOLOGICAL AREA



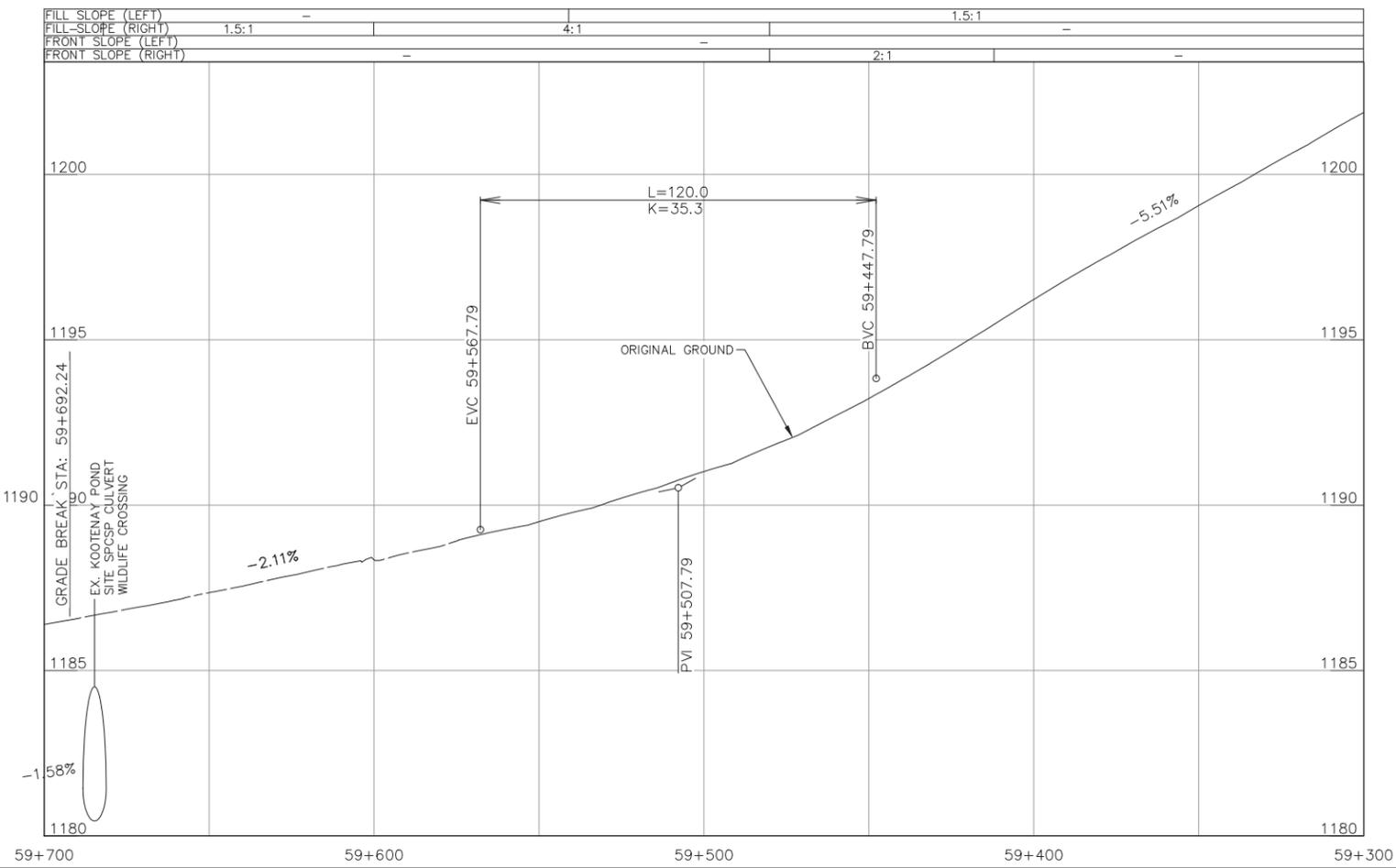
EX. KOOTENAY POND SITE
SPCSP CULVERT
WILDLIFE CROSSING

REMOVE AND
REPLACE EX. CMB

STA: 59+599.728
BEGIN BARRIER

FOR PROPOSED DITCH
RIPRAP PROTECTION. SEE
DETAIL E, SHEET G1-501.

CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h



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- NOTES:
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 - LINEWORK AND ARROWS ARE FOR LANING INFO ONLY. REFER TO GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS DRAWINGS FOR DETAILS.

NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision	
A	detail number numéro de détail
B	source drawing no. de dessin no.
C	detail on drawing no. détail sur dessin no.

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**PLAN/PROFILE
NB CLIMBING LANE**

STA 59+300 - 59+700

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	H - 1:1000 / V - 1:100

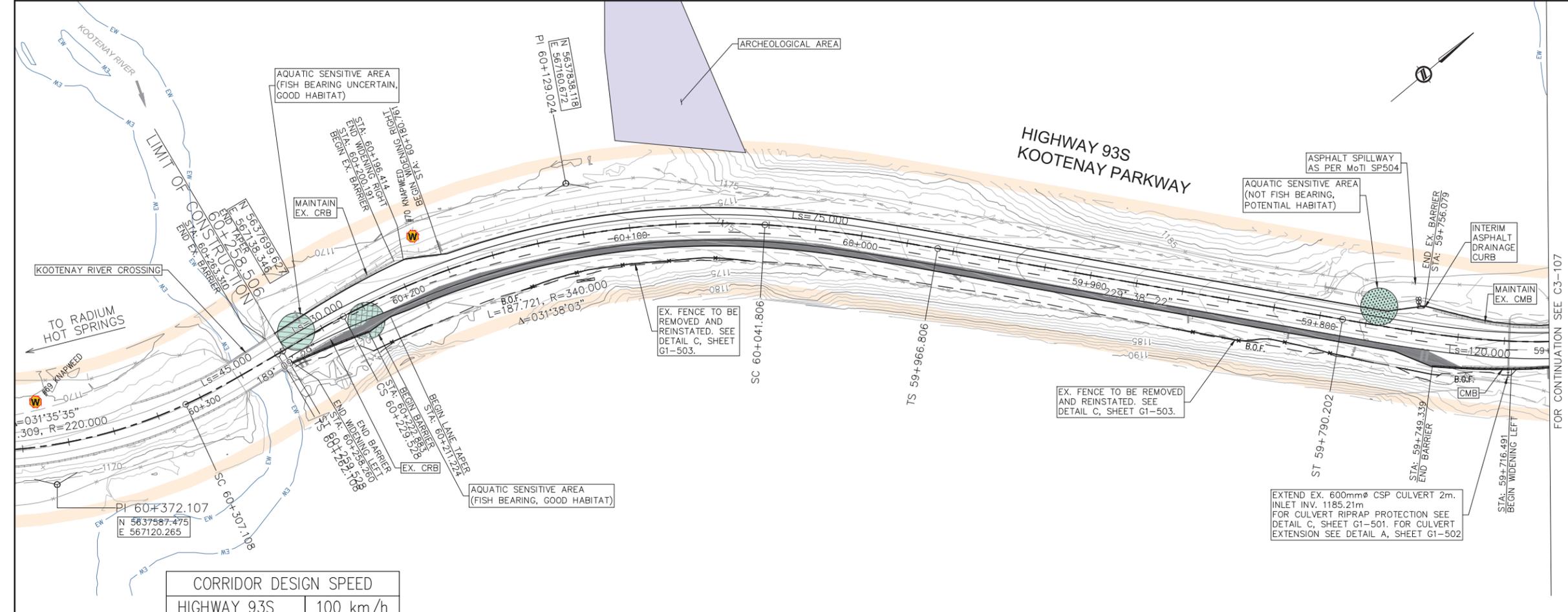
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

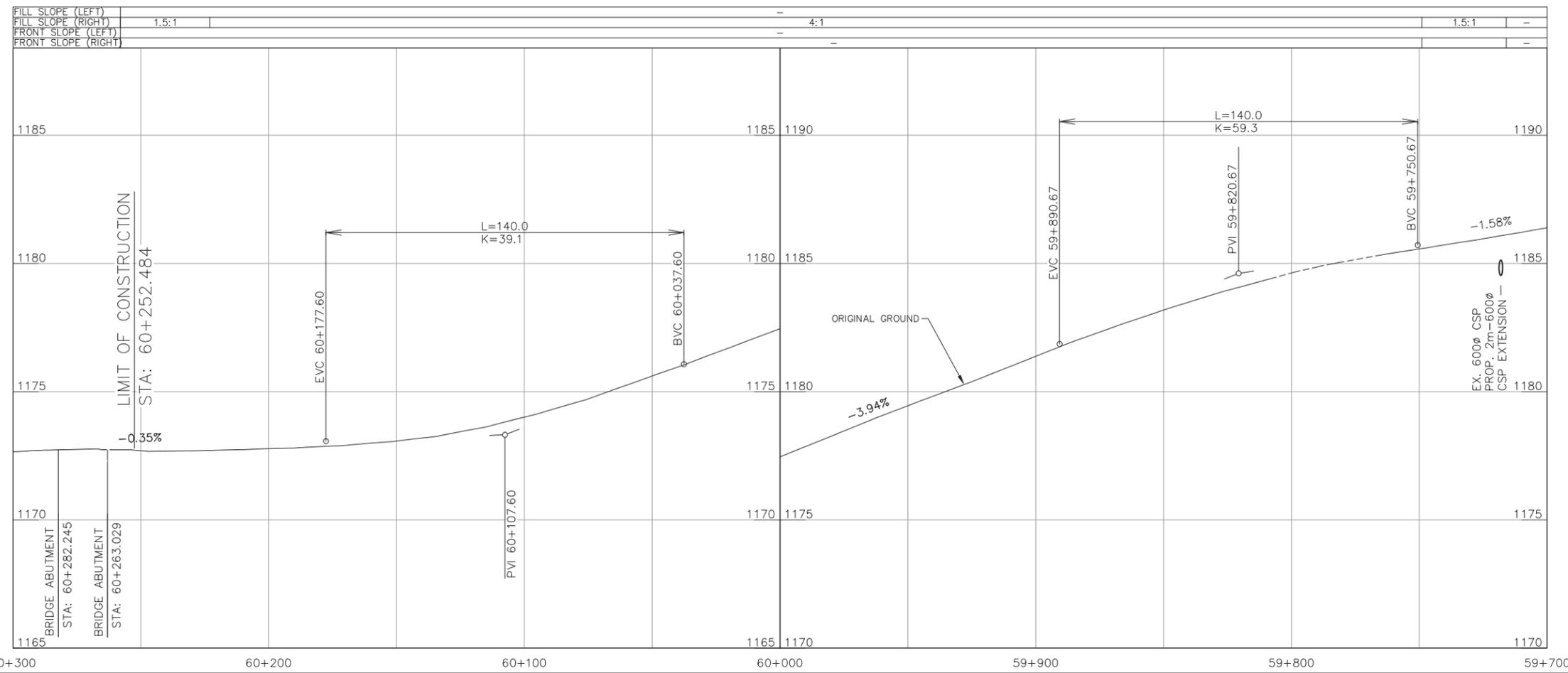
Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		107
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

Plotted: April 25, 2016, 11:51:10
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CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h



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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A		A detail number numéro de détail	A	
B		B source drawing no. de dessin no.	B	
C		C detail on drawing no. détail sur dessin no.	C	
Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	

Client/client

Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil

McElhanny

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**PLAN/PROFILE
NB CLIMBING LANE**

STA 59+700 - 60+252.484

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	H - 1:1000 / V - 1:100
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		
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		108
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

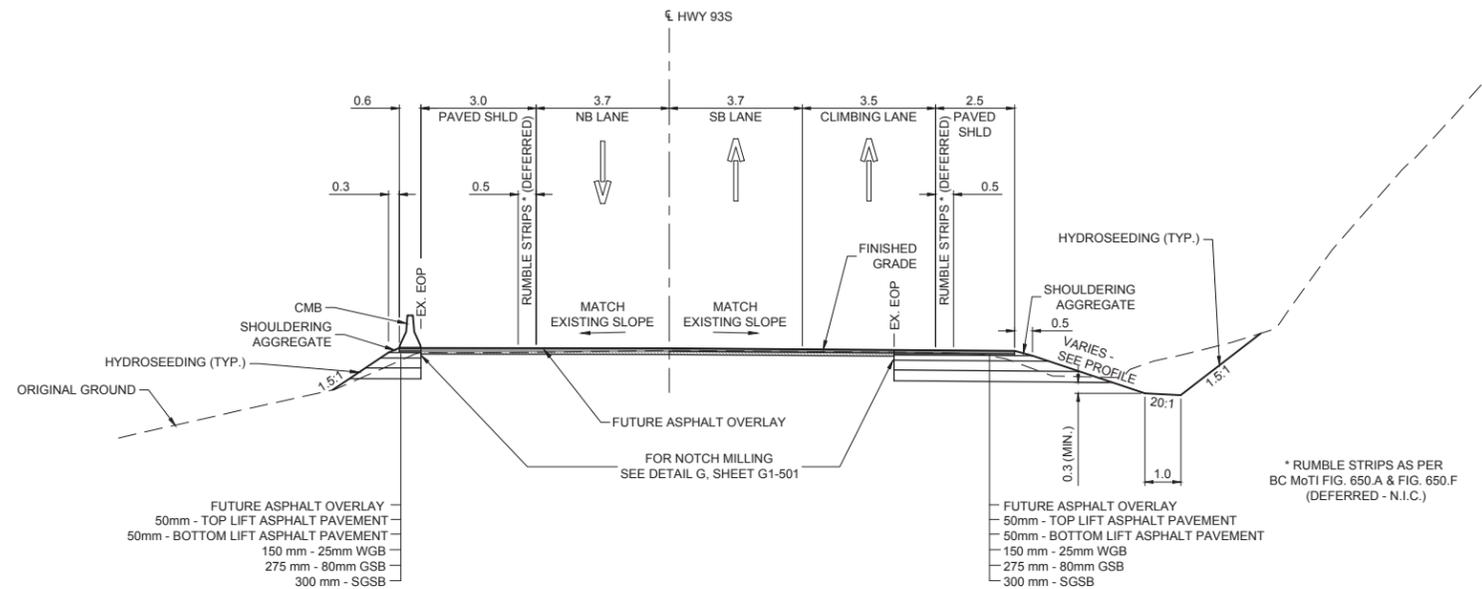
April 25, 2016 - 11:51:44
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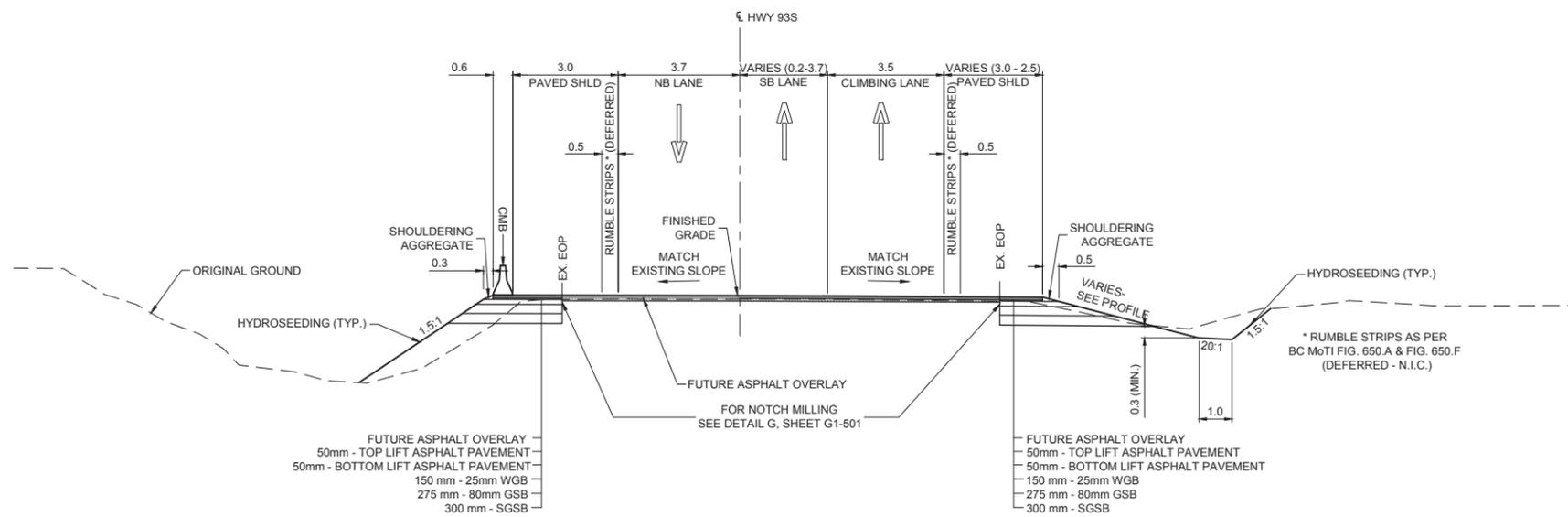
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- NOTES:
- SEE DETAIL A, SHEET CA-501 FOR SUBGRADE BACKFILL AND EXCAVATION INFORMATION.
 - REFERENCE SHALL BE MADE TO GEOTECHNICAL INVESTIGATION REPORT "GEOTECHNICAL ENGINEERING REPORT HIGHWAY 93S - KOOTENAY PARKWAY" PREPARED BY BARR ENGINEERING AND RECOMMENDATIONS CONTAINED THEREIN.
 - SUB-GRADE EXCAVATION MAY CONTAIN SOILS UNSUITABLE FOR USE IN EMBANKMENT CONSTRUCTION.

NOTE:
THE TYPICAL SECTIONS AND CROSS SECTIONS INDICATE MINIMUM WIDTH OF FULL-DEPTH PAVEMENT STRUCTURE. ADDITIONAL RECONSTRUCTION MAY BE REQUIRED BASED ON CONDITION OF EXISTING PAVEMENT AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.



TYPICAL SOUTHBOUND CLIMBING LANE
STA. 55+961 - STA. 56+759



TYPICAL SOUTHBOUND CLIMBING LANE TAPER
STA. 55+827 - STA. 55+961 &
STA. 56+759 - STA. 56+959

NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
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C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp / Sceau de l'expert-conseil	Eng. Stamp / Sceau de l'ingénieur
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Client/client	Parks Canada / L'Agence Parcs Canada Agency / Agence Western and Northern Region / Ouest et Nord Région
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Project title/Titre du projet
HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
TYPICAL SECTIONS SB CLIMBING LANE

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	CG	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
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Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

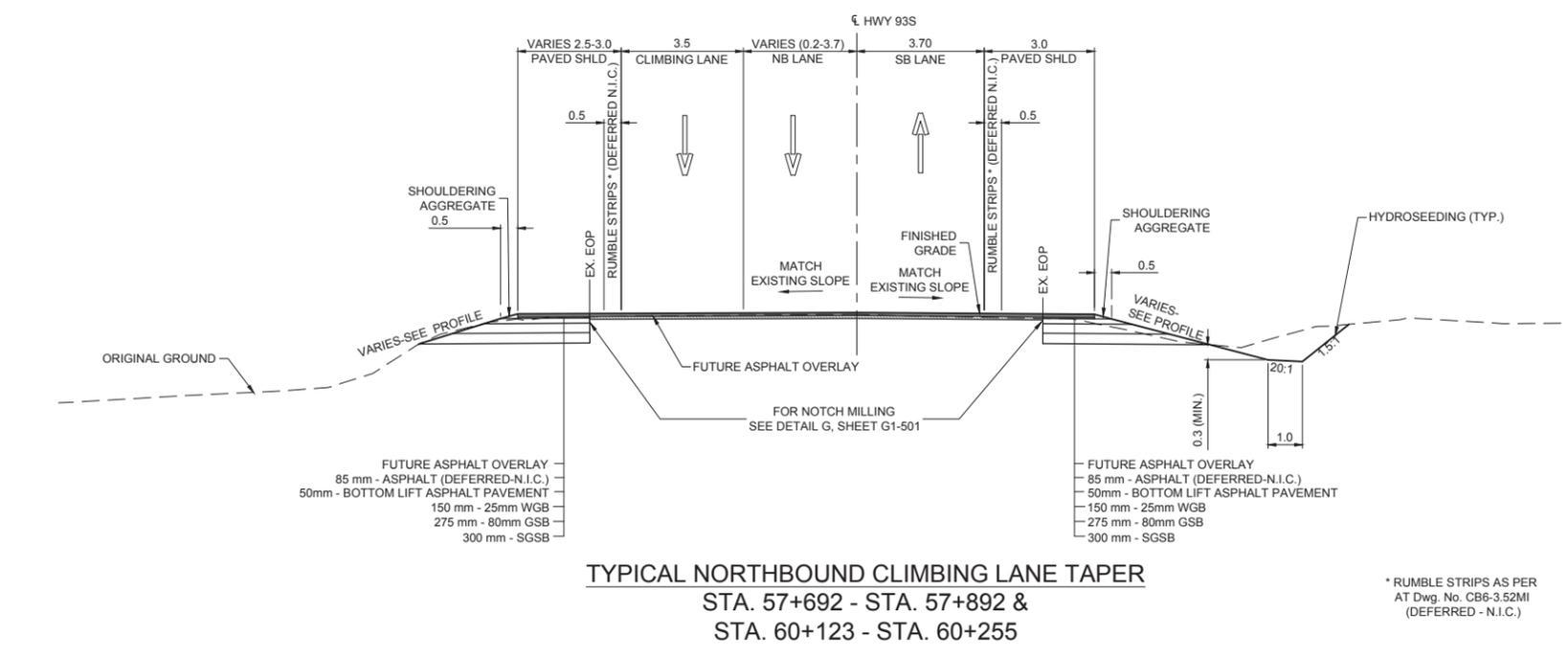
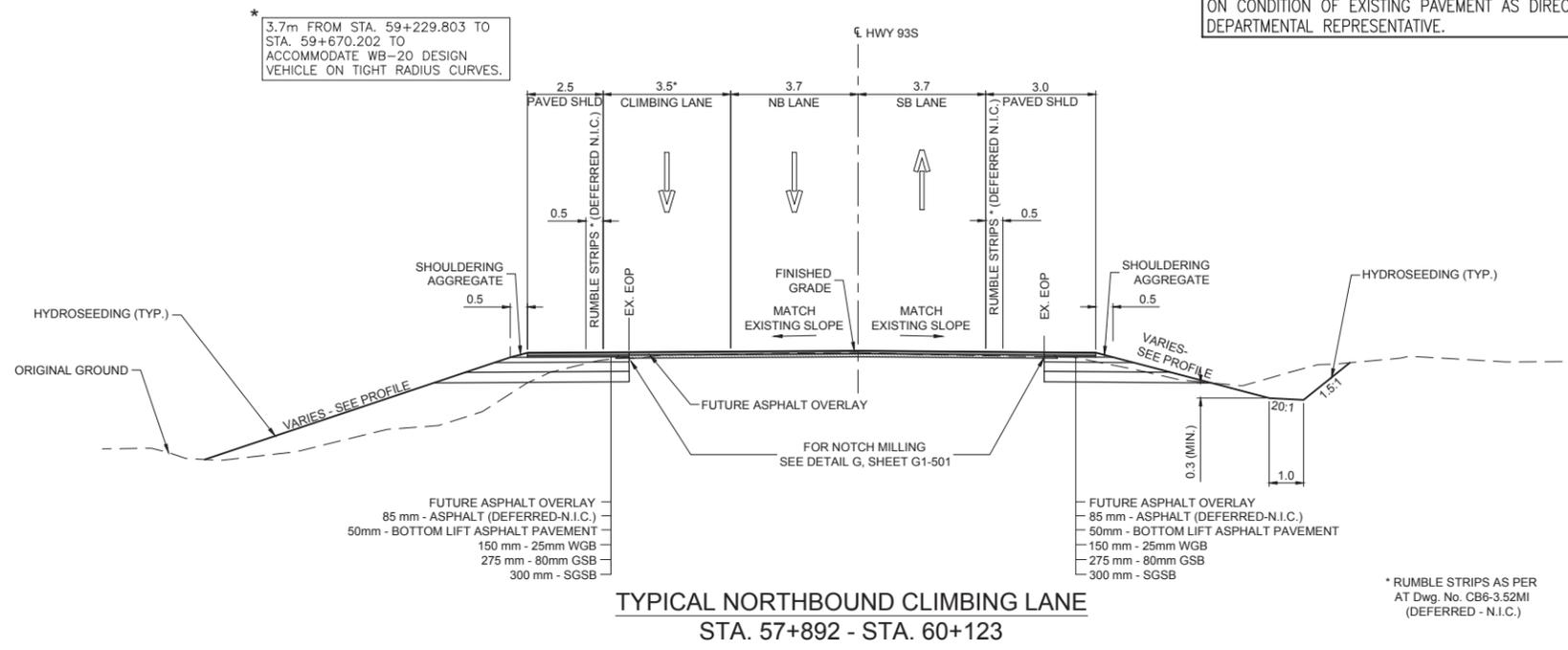
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 April 25, 2016, 11:52:53
 Plotted:

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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
B	source drawing no. / de dessin no.
C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client	Parks Canada Agence Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
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Project title/Titre du projet
**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**TYPICAL SECTIONS
NB CLIMBING LANE**

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	CG	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
---	--------------------------

Parks Canada Responsible Officer/Agencé Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		302
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

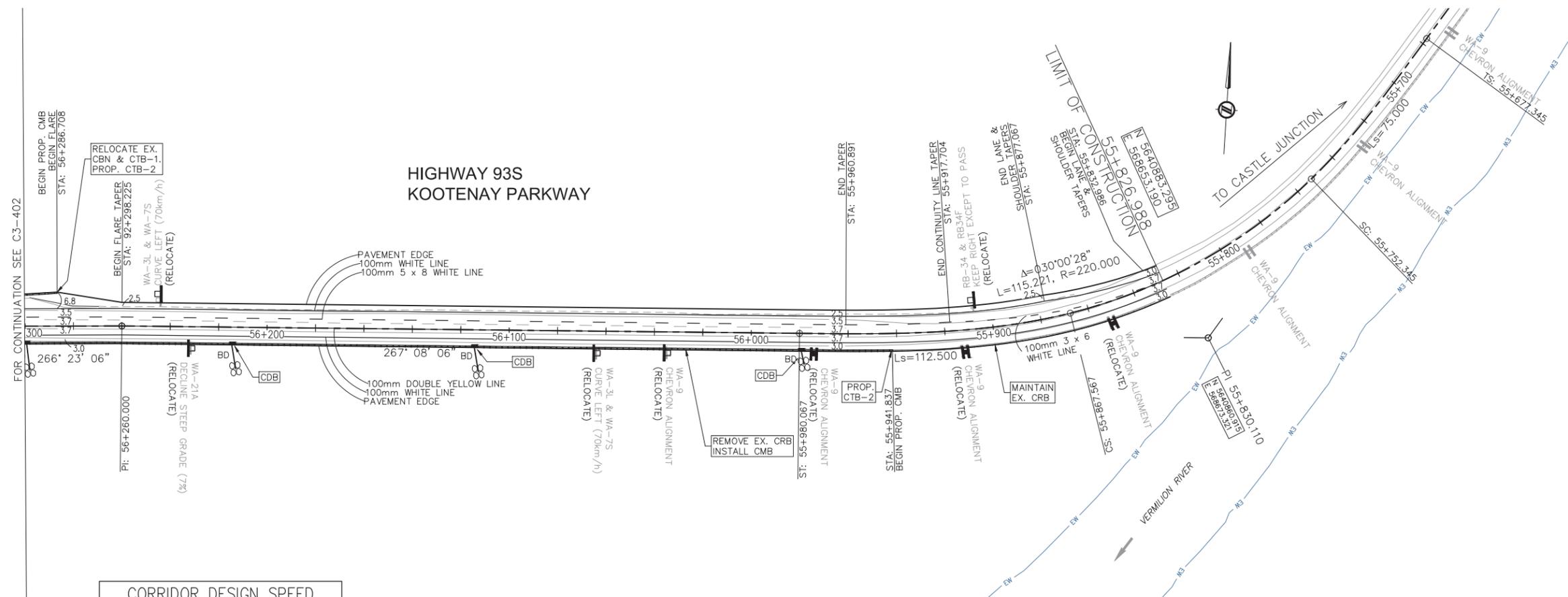
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 - ERADICATE EXISTING CONFLICTING PAVEMENT MARKINGS.
 - ALL SIGNS TO BE MUTCD CANADA SIGN NUMBERING EXCEPT AS NOTED.
 - CONTRACTOR TO CONFIRM EXISTING AND RELOCATED SIGNS MEET CURRENT REFLECTIVITY STANDARDS.

NOTE:
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NOT FOR CONSTRUCTION



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

BARRIER COMPONENTS ON THIS SHEET (NEW)	
No. of UNITS	DESCRIPTION
72	CMB-H
71	CMB-E
3	CDB-E (810mm)
2	CTB-2

BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)	
No. of UNITS	DESCRIPTION
23	CMB-H
23	CMB-E

TRAFFIC SIGN SCHEDULE (RELOCATED)		
DESCRIPTION	MUTCD CODE	QUANTITY
KEEP RIGHT	RB-34	1
GARDE LA DROITE	RB-34F	1
WARNING-CURVE LEFT	WA-3L	1
70 km/h	WA-7S	2
CHEVRON ALIGNMENT	WA-9	4
DECLINE STEEP GRADE	WA-21A	1

File name: O:\Proj\21-00202-00 pca - 834 rehab and safety\10.0 drawings\10.3 engineering\3 km 55 to 61-climbing\10.3.6 sheets\0202-C3-400.dwg\401
 Plotted: April 25, 2016 - 11:54:12

0 2016.03.14		ISSUED FOR TENDER	TE	SF
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A detail number numéro de détail		A		
B source drawing no. de dessin no.		B C		
C detail on drawing no. détail sur dessin no.		C		
Consultant's Stamp Sceau de l'expert-conseil		Eng. Stamp Sceau de l'ingénieur		
Client/client				
Parks Canada Agency Western and Northern Region		L'Agence Parcs Canada Ouest et Nord Région		
Consultant's Name Nom de l'expert-conseil				
Project title/Titre du projet				
HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK				
Drawing title/Titre du dessin				
GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS SB CLIMBING LANE STA 55+826.988 - 56+300				
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date		
	RL	2016.03.14		
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle		
CG / JV	SF	1:1000		
Parks Canada Project Manager/Administrateur de Projets Parcs Canada				
Client Acceptance/Acceptation du client		Approved by/Approuvé par		
Parks Canada Responsible Officer/Agencé 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		
201536A		401		
Drawing Reference No./No. de référence du dessin				
2121-00202-00-C3				

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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by/Dessiné par	Approved/Approuvé
Revision / Revision				
A		detail number / numéro de détail		
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C		detail on drawing no. / détail sur dessin no.		

Consultant's Stamp / Sceau de l'expert-conseil
 Eng. Stamp / Sceau de l'ingénieur

Client/client
 Parks Canada / L'Agence Parcs Canada
 Agency / Agence
 Western and Northern Region / Ouest et Nord Région

Consultant's Name / Nom de l'expert-conseil


Project title/Titre du projet
HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS
 KOOTENAY NATIONAL PARK

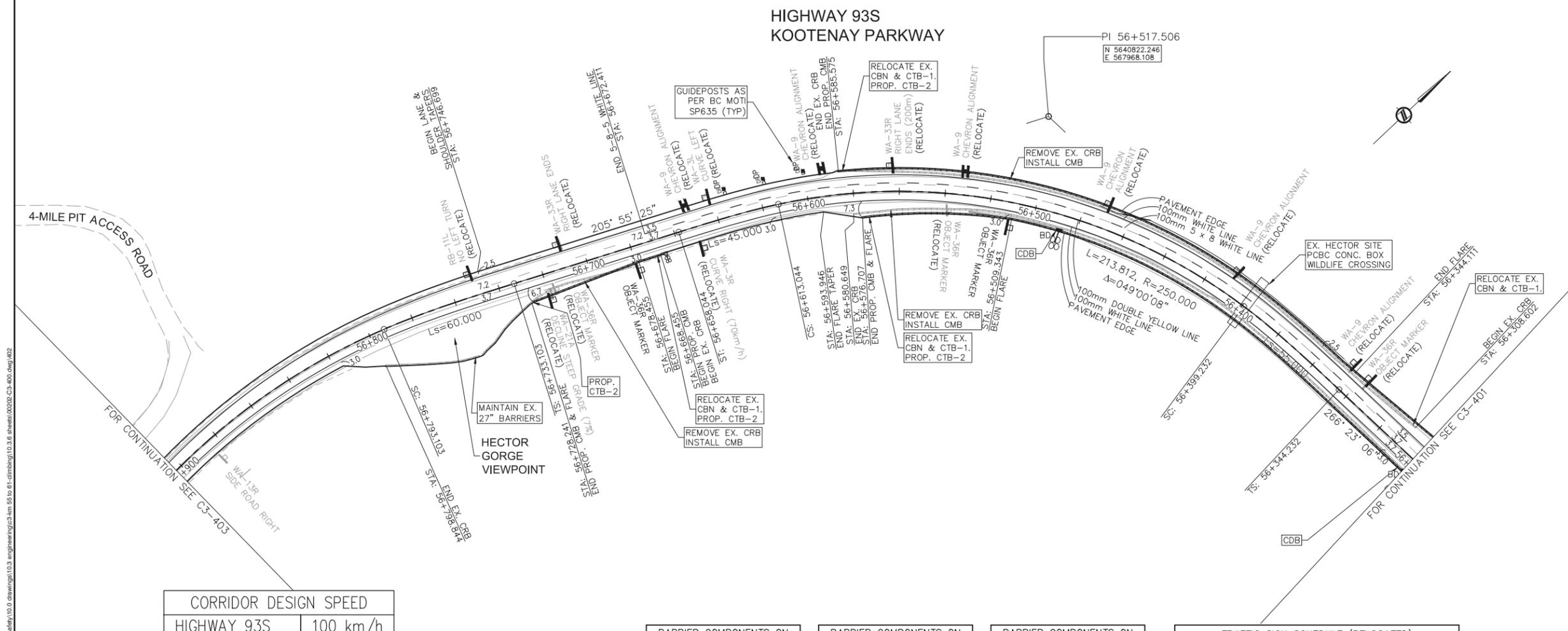
Drawing title/Titre du dessin
GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS SB CLIMBING LANE
 STA 56+300 - 56+900

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		402
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

BARRIER COMPONENTS ON THIS SHEET (NEW)

No. of UNITS	DESCRIPTION
111	CMB-H
110	CMB-E
2	CDB-E (810mm)
4	CTB-2

BARRIER COMPONENTS ON THIS SHEET (RELOCATE & ADJUST)

No. of UNITS	DESCRIPTION
3	CBN-H
3	CTB-1E

BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)

No. of UNITS	DESCRIPTION
3	CBN (27")
27	27" BARRIER

TRAFFIC SIGN SCHEDULE (RELOCATED)

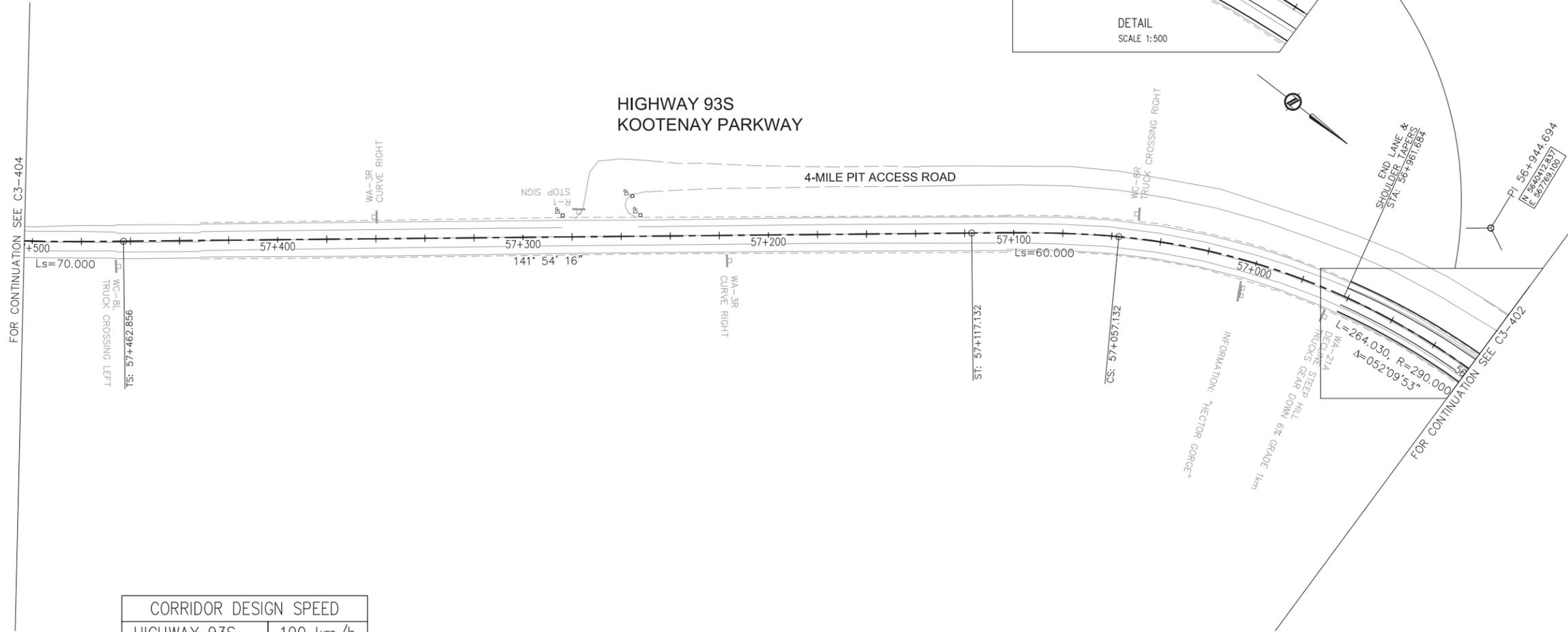
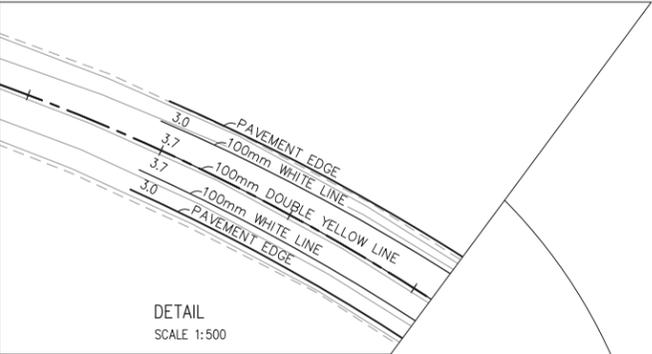
DESCRIPTION	MUTCD CODE	QUANTITY
NO LEFT TURN	RB-11L	1
WARNING-CURVE RIGHT	WA-3R	1
WARNING CURVE LEFT	WA-3L	1
CHEVRON ALIGNMENT	WA-9	6
DECLINE STEEP GRADE	WA-21A	1
RIGHT LANE ENDS	WA-33R	2
OBJECT MARKER	WA-36R	3

TRAFFIC SIGN SCHEDULE (MAINTAIN)

DESCRIPTION	MUTCD CODE	QUANTITY
SIDE ROAD RIGHT	WA-13R	1

File name: O:\Proj\2121-00202-00 pca - 83s rehab and safety\10.0 drawings\10.3 engineering\3 km 85 to 61-climbing\10.3.6 sheets\00202-C3-400.dwg\402
 April 25, 2016 - 11:54:31
 Plotted:

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 AND REINSTATED WHERE REMOVED.



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
---	------------------------------------

Client/client	
Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
 KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**GEOMETRICS, LANING,
 SIGNING & PAVEMENT MARKINGS
 SB CLIMBING LANE**
 STA 56+900 - 56+961.674

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
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CG / JV	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par	
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		403
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

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 - ALL SIGNS TO BE MUTCD CANADA SIGN NUMBERING EXCEPT AS NOTED.
 - CONTRACTOR TO CONFIRM EXISTING AND RELOCATED SIGNS MEET CURRENT REFLECTIVITY STANDARDS.

NOTE:
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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision

A	detail number / numéro de détail	A
B	source drawing no. / de dessin no.	B
C	detail on drawing no. / détail sur dessin no.	C

Consultant's Stamp / Sceau de l'expert-conseil

Eng. Stamp / Sceau de l'ingénieur

Client/client

Parks Canada Agency Western and Northern Region

L'Agence Parcs Canada Ouest et Nord Région

Consultant's Name / Nom de l'expert-conseil

McElhanny

Project title/Titre du projet

HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS NB CLIMBING LANE

STA 57+689.066 - 58+100

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG/JV	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

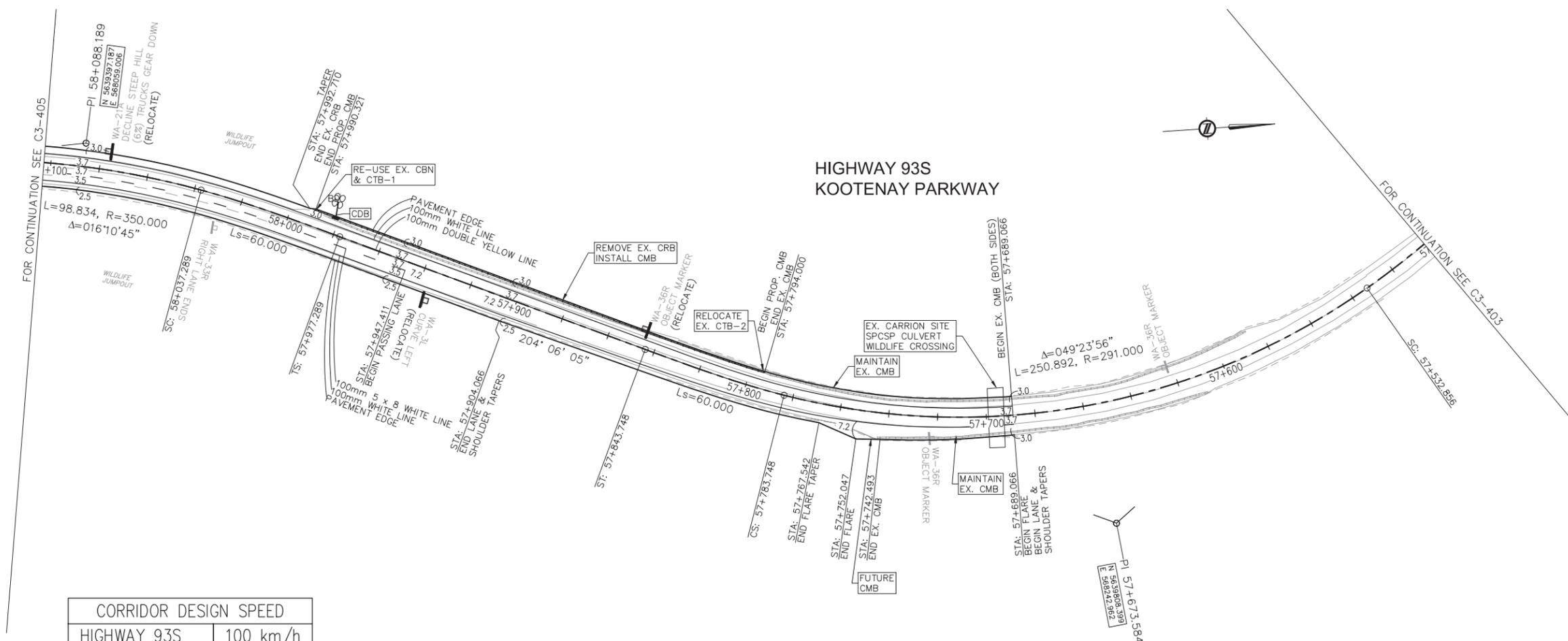
Client Acceptance/Acceptation du client

Approved by/Approuvé par

Parks Canada Responsible Officer/Agencé 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
201536A		404
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

BARRIER COMPONENTS ON THIS SHEET (NEW)

No. of UNITS	DESCRIPTION
38	CMB-H
38	CMB-E

BARRIER COMPONENTS ON THIS SHEET (RELOCATE & ADJUST)

No. of UNITS	DESCRIPTION
1	CBN-H
1	CTB-1E
1	CTB-2H

BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)

No. of UNITS	DESCRIPTION
1	CBN-H
30	CMB-H
31	CDB-E
1	CTB-1E
1	CTB-2H

TRAFFIC SIGN SCHEDULE (RELOCATED)

DESCRIPTION	MUTCD CODE	QUANTITY
WARNING-CURVE LEFT	WA-3L	1
DECLINE STEEP GRADE	WA-21A	1
RIGHT LANE ENDS	WA-33R	1
OBJECT MARKER	WA-36R	1

TRAFFIC SIGN SCHEDULE (MAINTAIN)

DESCRIPTION	MUTCD CODE	QUANTITY
OBJECT MARKER	WA-36R	2

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NOT FOR CONSTRUCTION

0 2016.03.14 ISSUED FOR TENDER TE SF

No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A	detail number numéro de détail	A
B	source drawing no. de dessin no.	B
C	detail on drawing no. détail sur dessin no.	C

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
---	------------------------------------

Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
NB CLIMBING LANE**

58+100 - 58+700

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG/JV	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

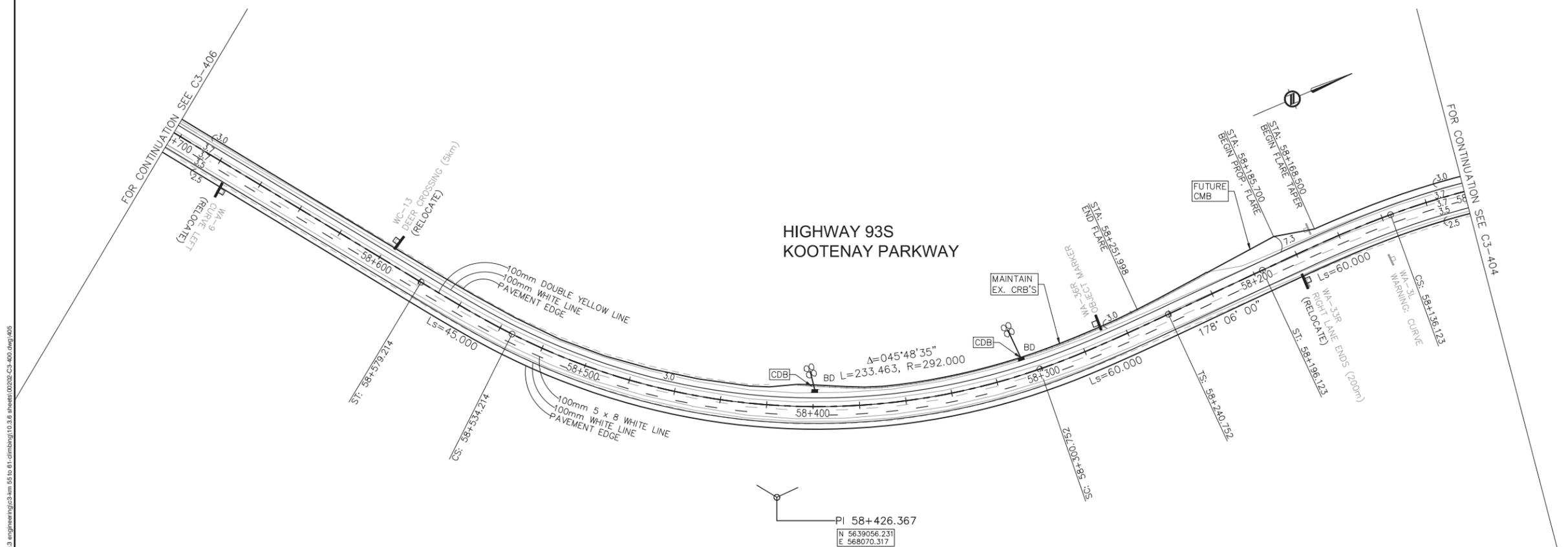
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agenc Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		405

Drawing Reference No./No. de référence du dessin

2121-00202-00-C3



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)	
No. of UNITS	DESCRIPTION
2	CBN
36	CRB-H
33	CRB-E
2	CDB-E
2	CTB-1

TRAFFIC SIGN SCHEDULE (RELOCATED)		
DESCRIPTION	MUTCD CODE	QUANTITY
CURVE LEFT	WA-9	1
RIGHT LANE ENDS	WA-33R	1
DEER CROSSING (5km)	WC-13	1

TRAFFIC SIGN SCHEDULE (MAINTAIN)		
DESCRIPTION	MUTCD CODE	QUANTITY
WARNING: CURVE	WA-3L	1
OBJECT MARKER	WA-36R	1

File name: O:\Proj\2121-00202-00 pca - 83s rehab and safety\10.0 drawings\10.3 engineering\3 km 55 to 61-climbing\10.3.6 sheets\0202-C3-400.dwg\405
 April 25, 2016 - 11:55:41
 Plotted:

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0	2016.03.14	ISSUED FOR TENDER	TE	SF
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision	
A	detail number / numéro de détail
B	source drawing no. / de dessin no.
C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp / Sceau de l'expert-conseil
 Eng. Stamp / Sceau de l'ingénieur

Client/client
 Parks Canada / L'Agence Parcs Canada
 Agency / Agence
 Western and Northern Region / Ouest et Nord Région

Consultant's Name / Nom de l'expert-conseil
McElhanny

Project title/Titre du projet
HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS
 KOOTENAY NATIONAL PARK

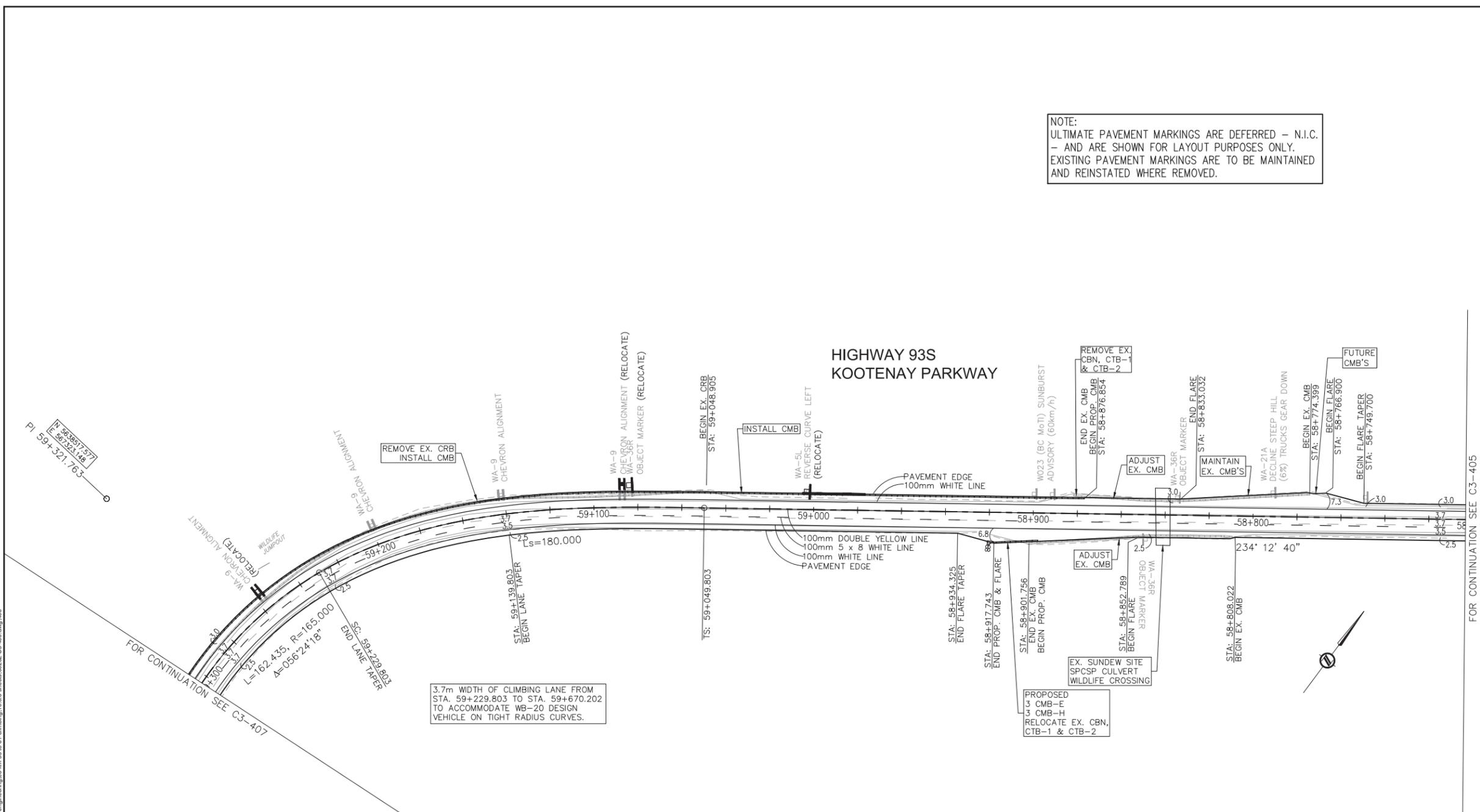
Drawing title/Titre du dessin
GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS NB CLIMBING LANE
 STA 58+700 - 59+300

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		406
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

BARRIER COMPONENTS ON THIS SHEET (NEW)		
No. of UNITS	DESCRIPTION	
89	CMB-H	
89	CMB-E	

BARRIER COMPONENTS ON THIS SHEET (RELOCATE & ADJUST)		
No. of UNITS	DESCRIPTION	
2	CBN-H	
16	CMB-H	
17	CMB-E	
2	CTB-1E	
2	CTB-2H	

BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)		
No. of UNITS	DESCRIPTION	
1	CBN-H	
19	CMB-H	
20	CDB-E	
1	CTB-1E	
1	CTB-2H	

TRAFFIC SIGN SCHEDULE (RELOCATED)		
DESCRIPTION	MUTCD CODE	QUANTITY
REVERSE CURVE LEFT	WA-5L	1
CHEVRON ALIGNMENT	WA-9	2
OBJECT MARKER	WA-36R	1

TRAFFIC SIGN SCHEDULE (MAINTAIN)		
DESCRIPTION	MUTCD CODE	QUANTITY
CHEVRON ALIGNMENT	WA-9	2
OBJECT MARKER	WA-36R	2

File name: O:\Proj\21-00202-00 pca - 83s rehab and safety\10.0 drawings\10.3 engineering\3 km 85 to 61-climbing\10.3.6 sheets\00202-C3-400.dwg/406
 Plotted: April 25, 2016, 11:56:02

FOR CONTINUATION SEE C3-405

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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number numéro de détail
B	source drawing no. de dessin no.
C	detail on drawing no. détail sur dessin no.

Consultant's Stamp
 Sceau de l'expert-conseil

Eng. Stamp
 Sceau de l'ingénieur

Client/client

Parks Canada
 Agency
 Western and
 Northern Region

L'Agence Parcs
 Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**GEOMETRICS, LANING,
 SIGNING & PAVEMENT MARKINGS
 NB CLIMBING LANE**

STA 59+300 - 59+700

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG/JV	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Parks Canada Responsible Officer/Agents 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
201536A		407
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

BARRIER COMPONENTS ON THIS SHEET (NEW)	
No. of UNITS	DESCRIPTION
63	CMB-H
59	CMB-E
3	CDB-E (810mm HIGH)

BARRIER COMPONENTS ON THIS SHEET (RELOCATE & ADJUST)	
No. of UNITS	DESCRIPTION
1	CBN-H
19	CMB-H
18	CMB-E
2	CDB (810mm HIGH)
1	CTB-1E
1	CTB-2H

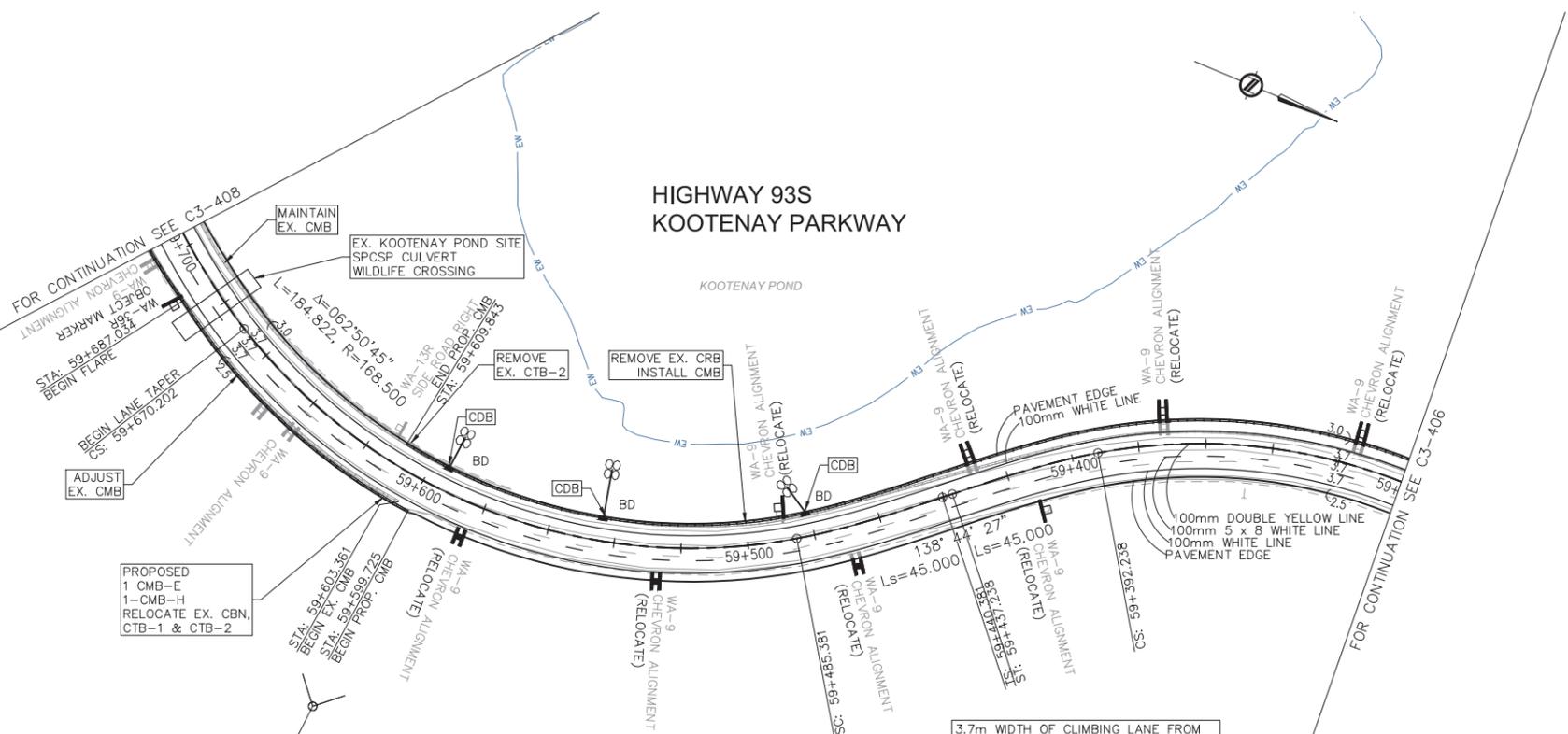
BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)	
No. of UNITS	DESCRIPTION
17	CMB-H
17	CMB-E
1	CDB (810mm HIGH)

TRAFFIC SIGN SCHEDULE (NEW)		
DESCRIPTION	MUTCD CODE	QUANTITY
OBJECT MARKER	WA-36R	1

TRAFFIC SIGN SCHEDULE (RELOCATED)		
DESCRIPTION	MUTCD CODE	QUANTITY
CHEVRON ALIGNMENT	WA-9	8

TRAFFIC SIGN SCHEDULE (MAINTAIN)		
DESCRIPTION	MUTCD CODE	QUANTITY
CHEVRON ALIGNMENT	WA-9	2
SIDE ROAD RIGHT	WA-13R	1

3.7m WIDTH OF CLIMBING LANE FROM STA. 59+229.803 TO STA. 59+670.202 TO ACCOMMODATE WB-20 DESIGN VEHICLE ON TIGHT RADIUS CURVES.



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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A	detail number numéro de détail	A
B	source drawing no. de dessin no.	B
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Consultant's Stamp
 Sceau de l'expert-conseil

Eng. Stamp
 Sceau de l'ingénieur

Client/client

Parks Canada
 Agency
 Western and
 Northern Region

L'Agence Parcs
 Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**GEOMETRICS, LANING,
 SIGNING & PAVEMENT MARKINGS
 NB CLIMBING LANE**

STA 59+700 - 60+252.484

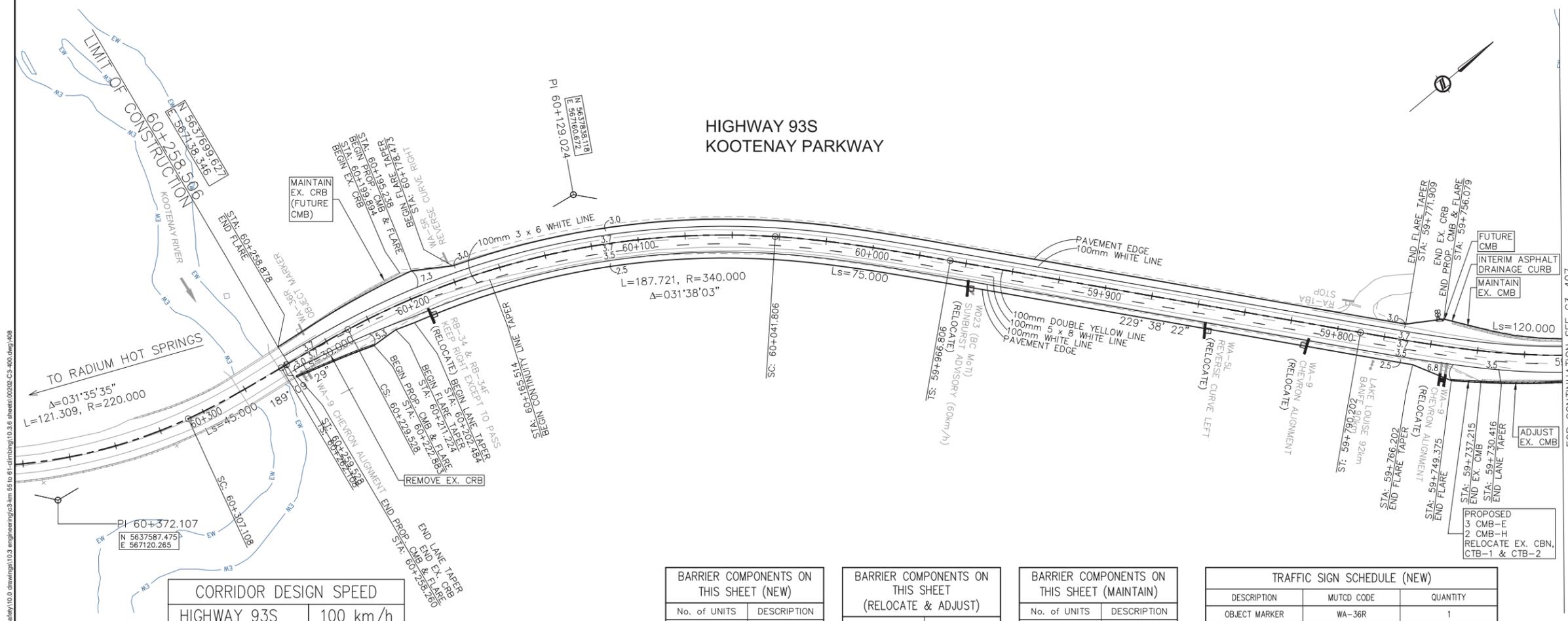
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		408
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		



CORRIDOR DESIGN SPEED

HIGHWAY 93S	100 km/h
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BARRIER COMPONENTS ON THIS SHEET (NEW)

No. of UNITS	DESCRIPTION
8	CMB-H
9	CMB-E

BARRIER COMPONENTS ON THIS SHEET (RELOCATE & ADJUST)

No. of UNITS	DESCRIPTION
2	CBN-H
6	CMB-H
6	CMB-E
1	CDB (810mm HIGH)
2	CTB-1E
2	CTB-2H

BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)

No. of UNITS	DESCRIPTION
2	CBN-H
11	CRB-H
11	CRB-E
9	CMB-H
10	CMB-E
1	CDB (810mm HIGH)
2	CTB-1E
2	CTB-2H
2	STD. PARAPET TRANSITION

TRAFFIC SIGN SCHEDULE (NEW)

DESCRIPTION	MUTCD CODE	QUANTITY
OBJECT MARKER	WA-36R	1

TRAFFIC SIGN SCHEDULE (RELOCATED)

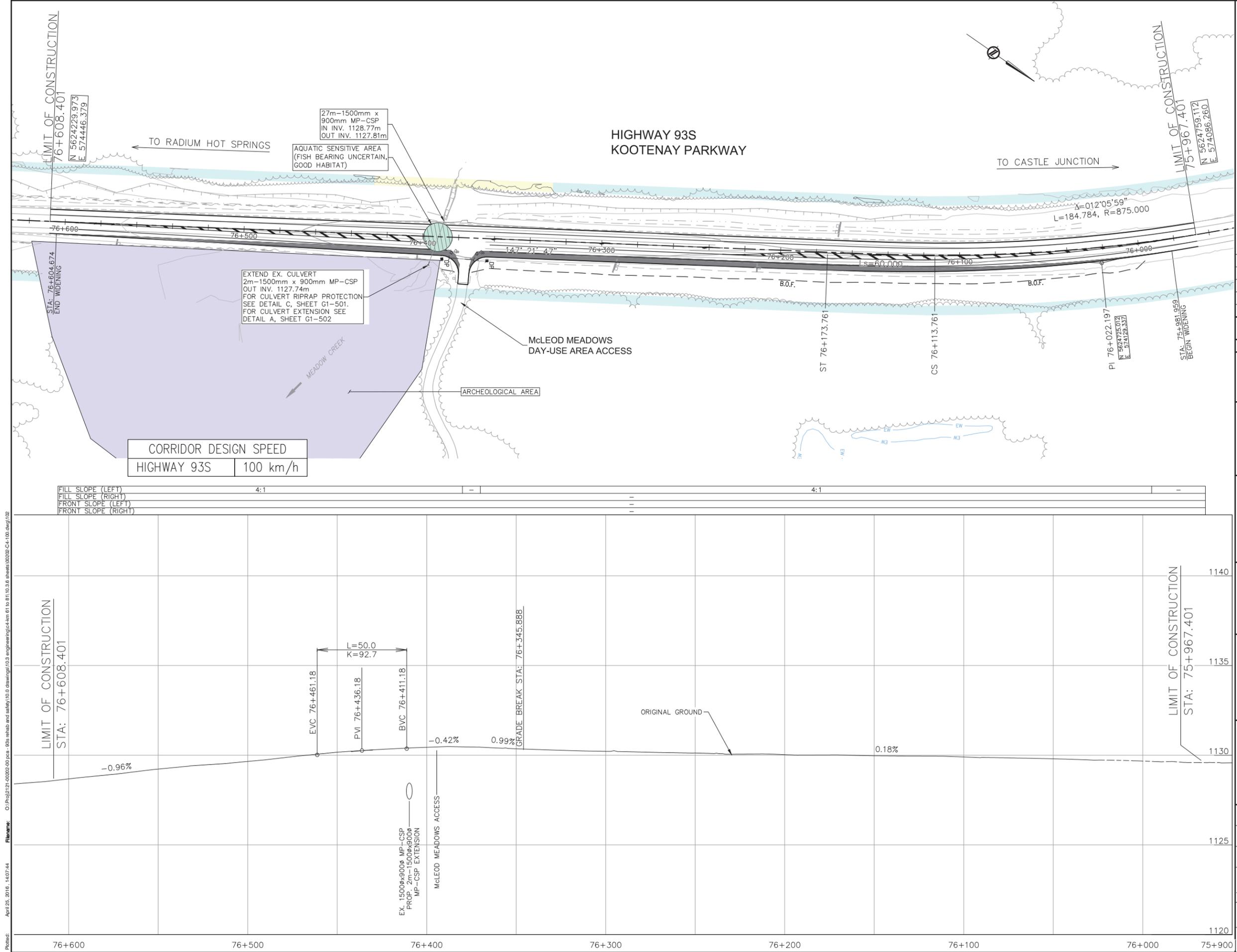
DESCRIPTION	MUTCD CODE	QUANTITY
REVERSE CURVE LEFT	WA-5L	1
CHEVRON ALIGNMENT	WA-9	2
SUNBURST ADVISORY	BC MoTI W023	1

TRAFFIC SIGN SCHEDULE (MAINTAIN)

DESCRIPTION	MUTCD CODE	QUANTITY
STOP SIGN	RA-1B	1
KEEP RIGHT EXCEPT TO PASS	RB-34 & RB-34F	1
REVERSE CURVE RIGHT	WA-5R	1
CHEVRON ALIGNMENT	WA-9	1
PARK INFO SIGN	-	1

File name: C:\proj\21-00202-00\pca-83s\rehab_and_safety\10.0\drawings\10.0_3.6 sheet\0202-C3-400.dwg/408
 April 25, 2016, 11:56:42
 Plotted:

FOR CONTINUATION SEE C3-407



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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A		A detail number numéro de détail	A	
B		B source drawing no. de dessin no.	B	
C		C detail on drawing no. détail sur dessin no.	C	

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**PLAN/PROFILE
McLEOD MEADOWS CAMPGROUND**

STA 75+967.401 - 76+608.401

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	H: 1:1000 / V: 1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Parks Canada Responsible Officer/Agencé 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
201536A		102

Drawing Reference No./No. de référence du dessin

2121-00202-00-C4

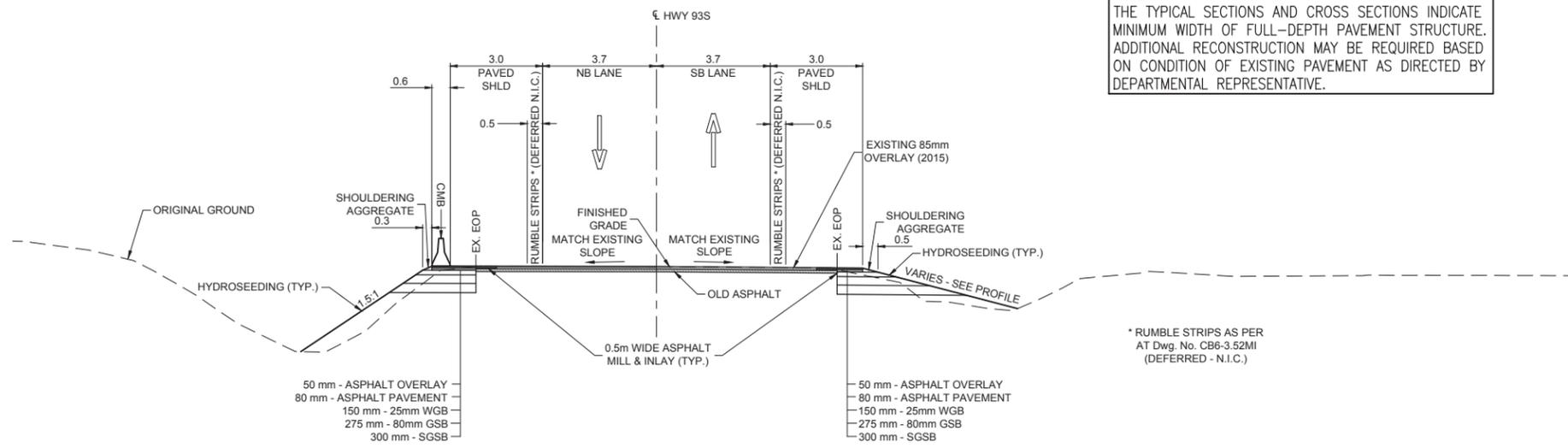
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 April 25, 2016, 14:07:44
 Plotted:

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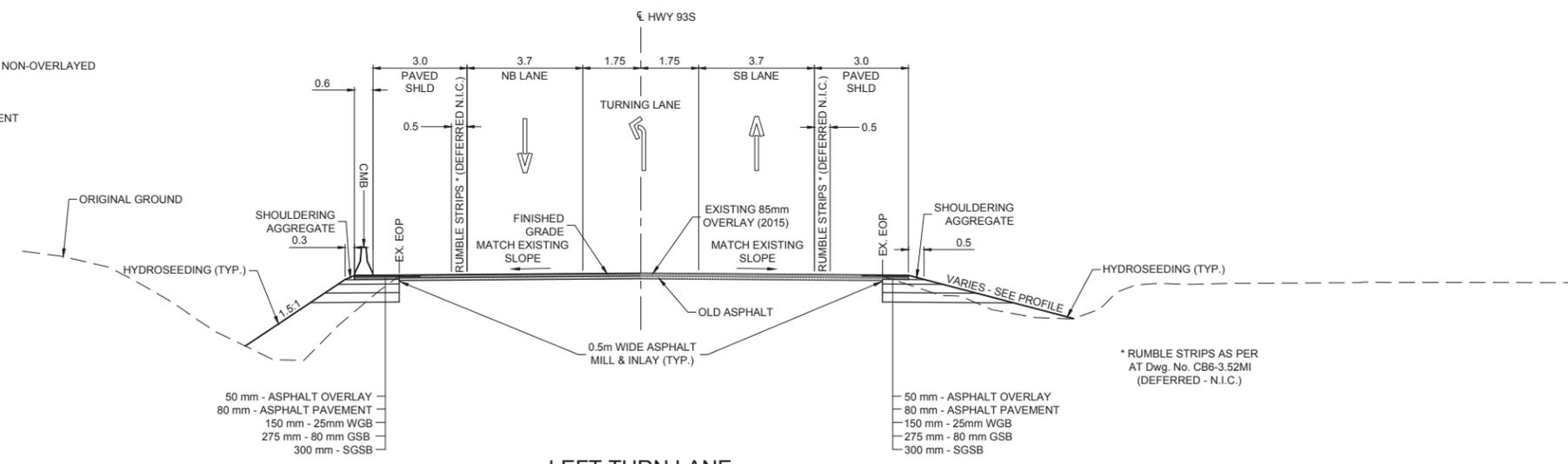
- NOTES:
- SEE DETAIL A, SHEET CA-501 FOR SUBGRADE BACKFILL AND EXCAVATION INFORMATION.
 - REFERENCE SHALL BE MADE TO GEOTECHNICAL INVESTIGATION REPORT "GEOTECHNICAL ENGINEERING REPORT HIGHWAY 93S - KOOTENAY PARKWAY" PREPARED BY BARR ENGINEERING AND RECOMMENDATIONS CONTAINED THEREIN.
 - SUB-GRADE EXCAVATION MAY CONTAIN SOILS UNSUITABLE FOR USE IN EMBANKMENT CONSTRUCTION.

NOTE:
THE TYPICAL SECTIONS AND CROSS SECTIONS INDICATE MINIMUM WIDTH OF FULL-DEPTH PAVEMENT STRUCTURE. ADDITIONAL RECONSTRUCTION MAY BE REQUIRED BASED ON CONDITION OF EXISTING PAVEMENT AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.



TYPICAL TWO LANE CONFIGURATION
STA. 67+400 - 67+467

- NOTES:
- LOCATIONS WITH RECENT ASPHALT OVERLAY REQUIRE A 0.5m WIDE x 0.05m DEEP ASPHALT MILL AND OVERLAY BETWEEN PROPOSED WIDENING AND EXISTING PAVEMENT.
 - RECENT OVERLAY OF SECTION C4 WAS CARRIED OUT FROM STATION 64+700 TO 72+600 IN 2015.
 - TYPICAL ROAD STRUCTURE OF PROPOSED WIDENING DIFFERS BETWEEN LOCATIONS THAT HAVE HAD RECENT ASPHALT OVERLAYS AND THOSE THAT HAVE NOT.
 - TYPICAL PROPOSED ROAD STRUCTURE OF RECENTLY OVERLAYED LOCATIONS:
 - 50mm - ASPHALT OVERLAY
 - 80mm - ASPHALT PAVEMENT
 - 150mm - 25mm WGB
 - 275mm - 80mm GSB
 - 300mm - SGSB
 - TYPICAL PROPOSED ROAD STRUCTURE OF NON-OVERLAYED LOCATIONS:
 - FUTURE OVERLAY
 - 50mm - TOP LIFT ASPHALT PAVEMENT
 - 50mm - BOTTOM LIFT ASPHALT PAVEMENT
 - 150mm - 25mm WGB
 - 275mm - 80mm GSB
 - 300mm - SGSB



LEFT TURN LANE
STA. 67+627 - 67+757

NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	RL	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
B	source drawing no. / de dessin no.
C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp / Sceau de l'expert-conseil	Eng. Stamp / Sceau de l'ingénieur
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Client/client	Parks Canada / L'Agence Parcs Canada	Agency / Agence	Western and Northern Region / Ouest et Nord Région
---------------	--------------------------------------	-----------------	--

Consultant's Name / Nom de l'expert-conseil	McElhanny
---	------------------

Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS
	KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin	TYPICAL SECTIONS DOLLY VARDEN PICNIC AREA
-------------------------------	--

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	CG	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada		
Client Acceptance/Acceptation du client	Approved by/Approuvé par	
Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		301
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C4		

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NOTE:
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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	RL	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client	Parks Canada Agence Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
---------------	--	---

Consultant's Name Nom de l'expert-conseil	McElhannay
--	-------------------

Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK
-------------------------------	---

Drawing title/Titre du dessin	TYPICAL SECTIONS MCLEOD MEADOWS CAMPGROUND
-------------------------------	---

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	CG	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	1:100

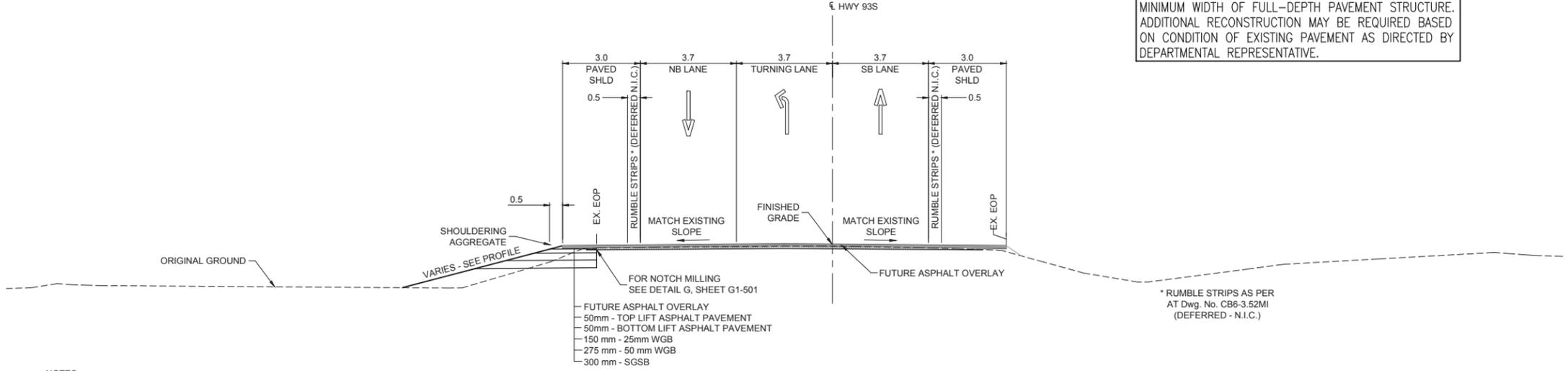
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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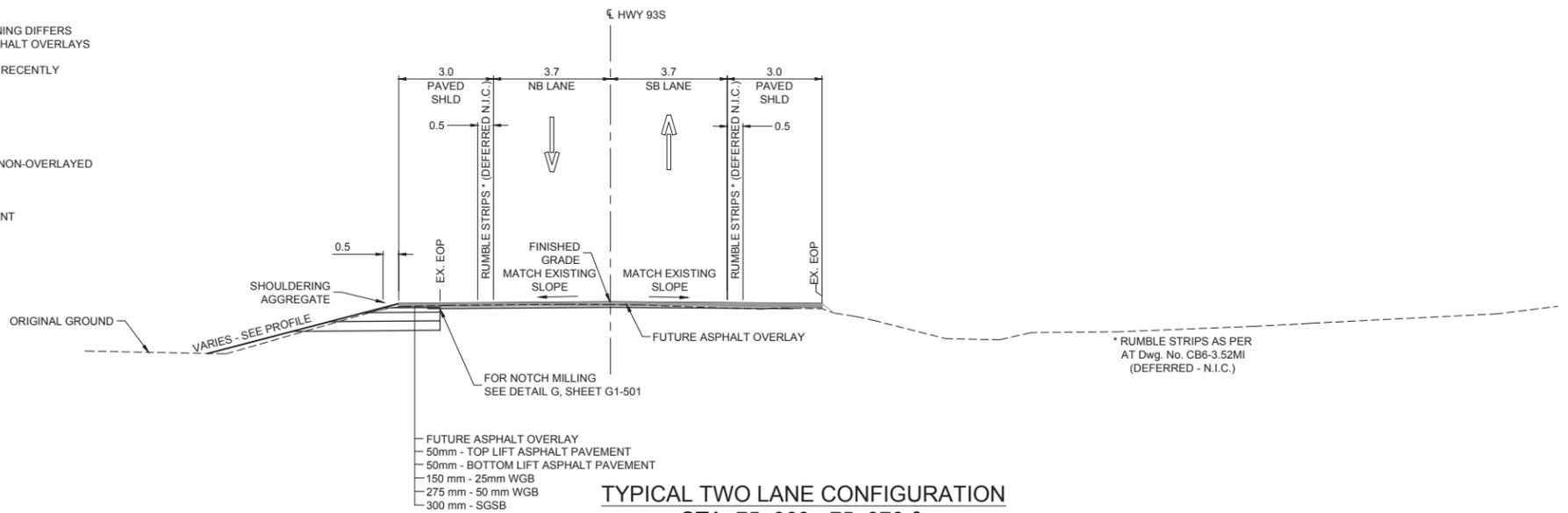
Parks Canada Responsible Officer/Agencé Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		302

Drawing Reference No./No. de référence du dessin
2121-00202-00-C4



**SB LEFT TURN LANE
STA. 76+230 - 76+360**



**TYPICAL TWO LANE CONFIGURATION
STA. 75+960 - 75+976 &
STA. 76+616 - 76+619**

- NOTES:
- LOCATIONS WITH RECENT ASPHALT OVERLAY REQUIRE A 0.5m WIDE x 0.05m DEEP ASPHALT MILL AND OVERLAY BETWEEN PROPOSED WIDENING AND EXISTING PAVEMENT.
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 - FUTURE OVERLAY
 - 50mm - TOP LIFT ASPHALT PAVEMENT
 - 50mm - BOTTOM LIFT ASPHALT PAVEMENT
 - 150mm - 25mm WGB
 - 275mm - 80mm GSB
 - 300mm - SGSB

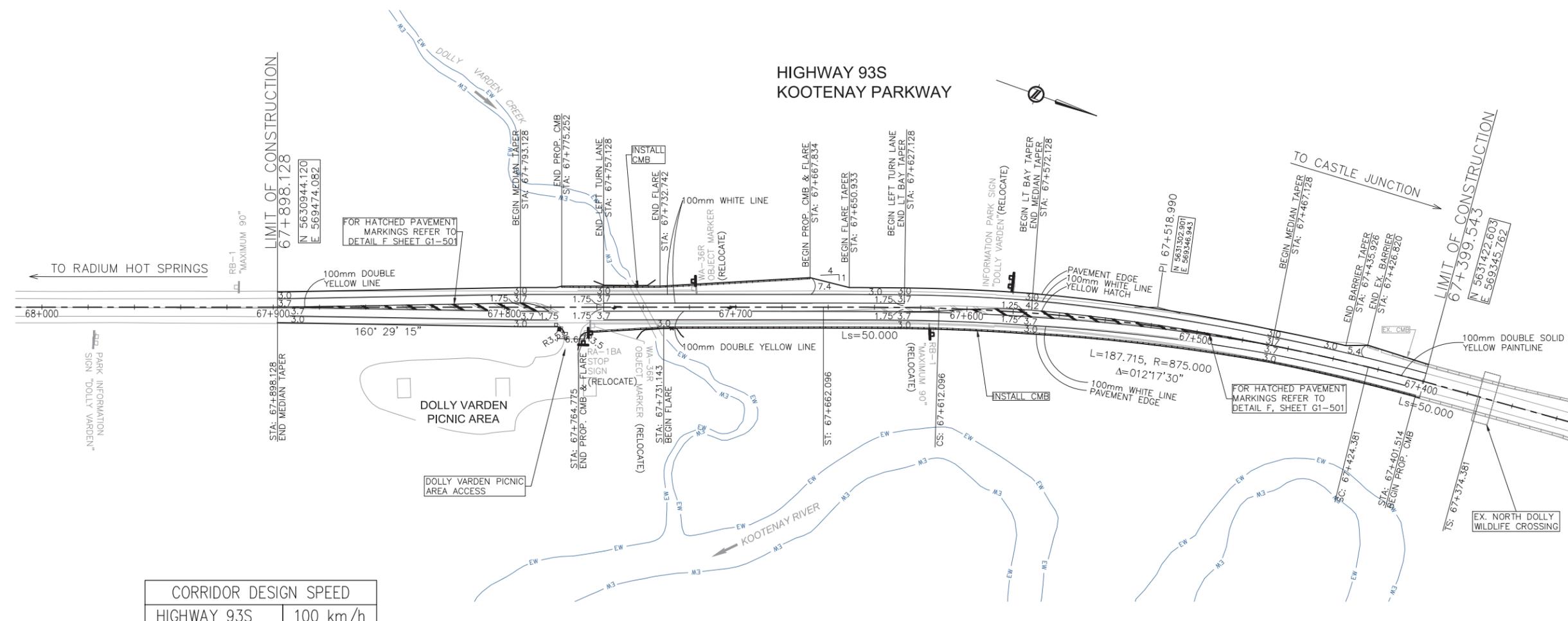
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- NOTES:
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 - PAVEMENT MARKINGS SHALL BE AS PER CHAPTER 7 OF THE BC MUTCD MANUAL OF STANDARD TRAFFIC SIGNS & PAVEMENT MARKINGS.
 - ERADICATE EXISTING CONFLICTING PAVEMENT MARKINGS.
 - ALL SIGNS TO BE MUTCD CANADA SIGN NUMBERING EXCEPT AS NOTED.
 - CONTRACTOR TO CONFIRM EXISTING AND RELOCATED SIGNS MEET CURRENT REFLECTIVITY STANDARDS.

NOTE:
 ULTIMATE PAVEMENT MARKINGS ARE DEFERRED – N.I.C.
 – AND ARE SHOWN FOR LAYOUT PURPOSES ONLY.
 EXISTING PAVEMENT MARKINGS ARE TO BE MAINTAINED AND REINSTATED WHERE REMOVED.

NOT FOR CONSTRUCTION



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

BARRIER COMPONENTS ON THIS SHEET (NEW)	
No. of UNITS	DESCRIPTION
3	CBN-H
86	CMB-H
87	CMB-E
3	CTB-1E
3	CTB-2H

TRAFFIC SIGN SCHEDULE (RELOCATED)		
DESCRIPTION	MUTCD CODE	QUANTITY
STOP SIGN	RA-1BA	1
MAXIMUM 90	RB-1	1
OBJECT MARKER	WA-36R	2
PARK INFO SIGN	-	1

TRAFFIC SIGN SCHEDULE (MAINTAIN)		
DESCRIPTION	MUTCD CODE	QUANTITY
MAXIMUM 90	RB-1	1
PARK INFO SIGN	-	1

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
B	source drawing no. / de dessin no.
C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp Scieu de l'expert-conseil	Eng. Stamp Scieu de l'ingénieur
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Client/client	Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
---------------	--	---

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
 KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**GEOMETRICS, LANING,
 SIGNING & PAVEMENT MARKINGS
 DOLLY VARDEN PICNIC AREA**

STA 67+399.543 - 67+898.128

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agenc Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		401
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C4		

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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
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C	detail on drawing no. détail sur dessin no.

Consultant's Stamp
 Sceau de l'expert-conseil

Eng. Stamp
 Sceau de l'ingénieur

Client/client

Parks Canada
 Agency
 Western and
 Northern Region

L'Agence Parcs
 Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**GEOMETRICS, LANING,
 SIGNING & PAVEMENT MARKINGS
 McLEOD MEADOWS CAMPGROUND**

STA 75+967.401 - 76+608.401

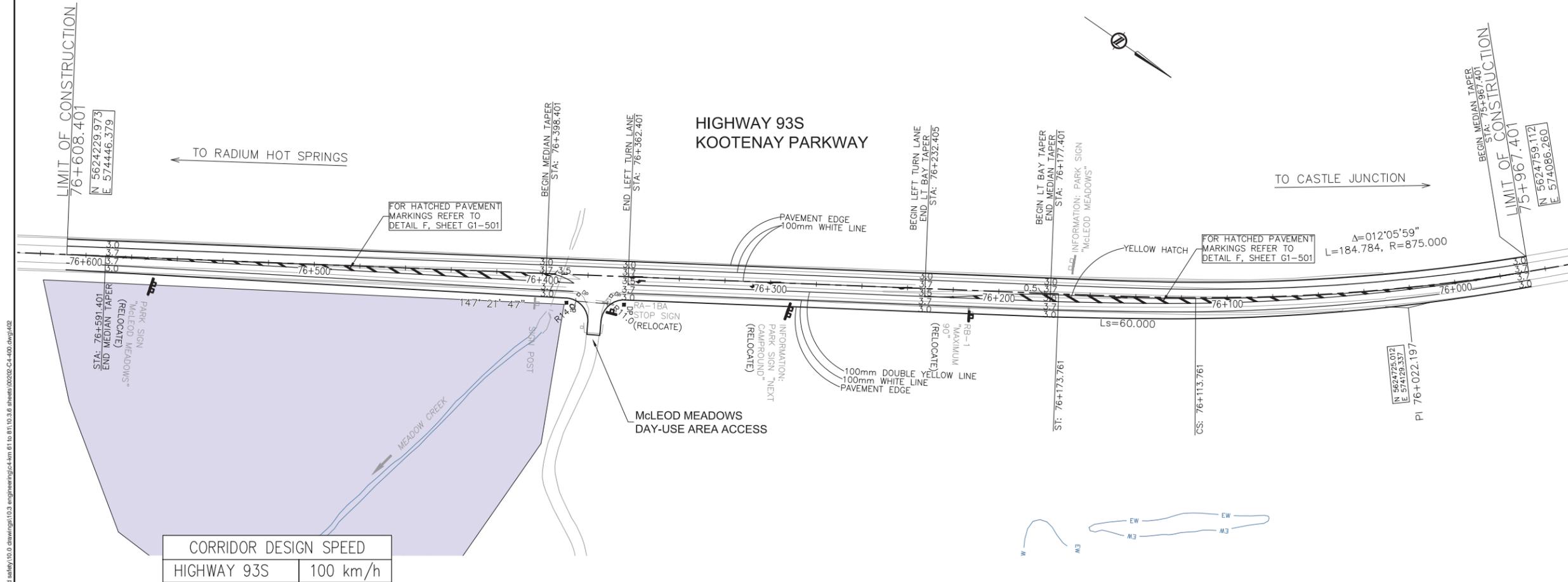
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		402
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C4		



CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

TRAFFIC SIGN SCHEDULE (RELOCATED)		
DESCRIPTION	MUTCD CODE	QUANTITY
STOP SIGN	RA-1BA	1
MAXIMUM 90	RB-1	1
PARK INFO SIGN	-	2

TRAFFIC SIGN SCHEDULE (MAINTAIN)		
DESCRIPTION	MUTCD CODE	QUANTITY
MAXIMUM 90	RB-1	1
PARK INFO SIGN	-	1

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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	HC	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision

A	detail number numéro de détail	A
B	source drawing no. de dessin no.	B
C	detail on drawing no. détail sur dessin no.	C

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client
 Parks Canada
 Agency
 Western and Northern Region
 L'Agence Parcs Canada
 Ouest et Nord
 Région

Consultant's Name
Nom de l'expert-conseil



Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
 KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
DETAILS

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	AS SHOWN

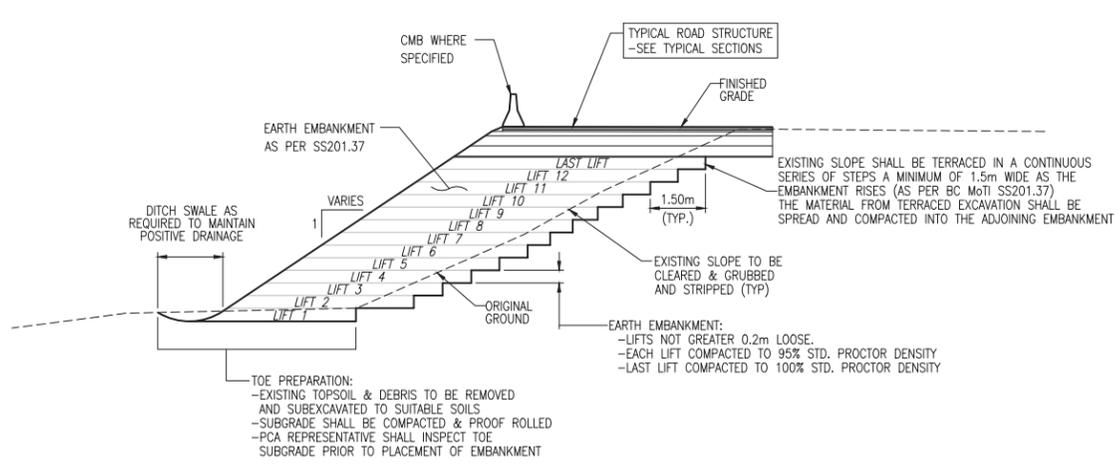
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parks Canada Responsible Officer/Agréé Responsable Parcs Canada

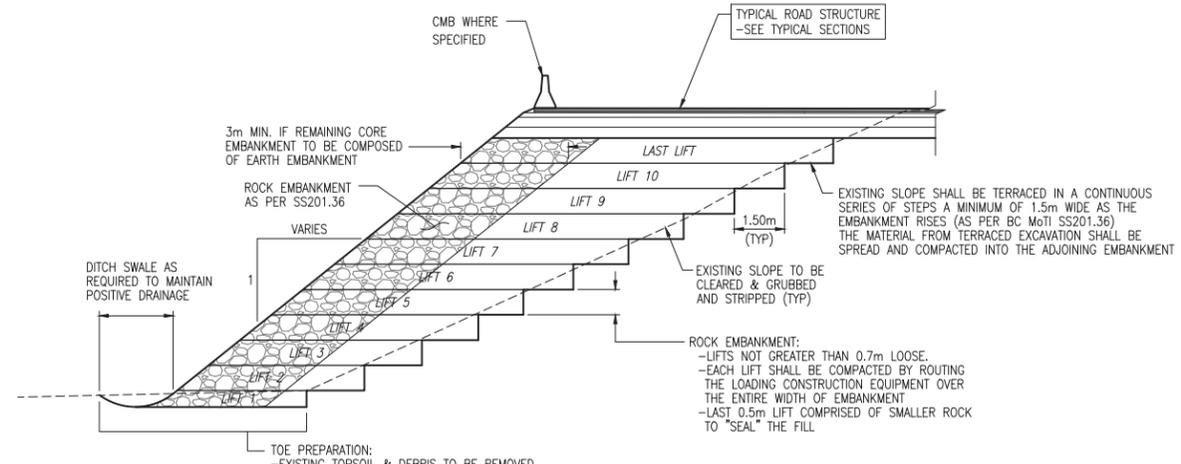
Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		501

Drawing Reference No./No. de référence du dessin
2121-00202-00-G1



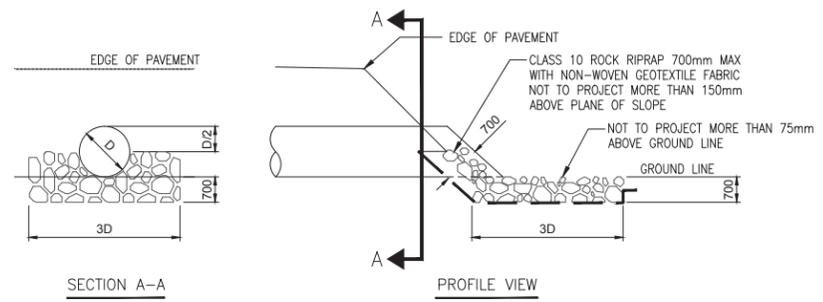
DETAIL A: TYPICAL SECTION EARTH EMBANKMENT DETAILS

N.T.S.



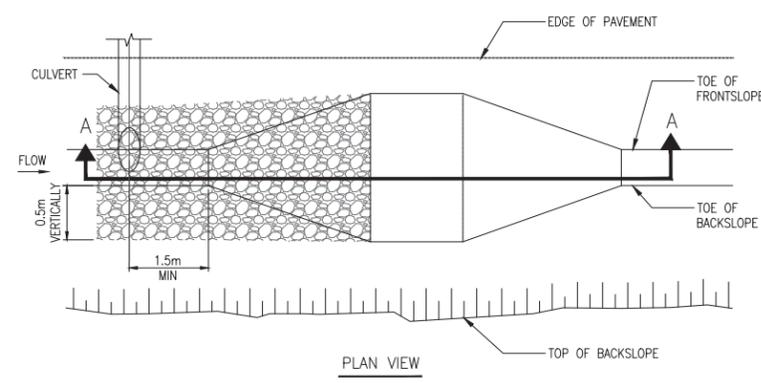
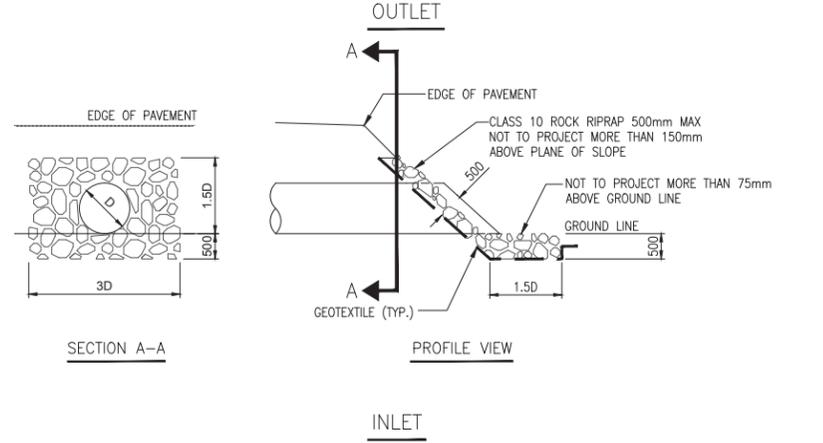
DETAIL B: TYPICAL SECTION ROCK EMBANKMENT DETAILS

N.T.S.



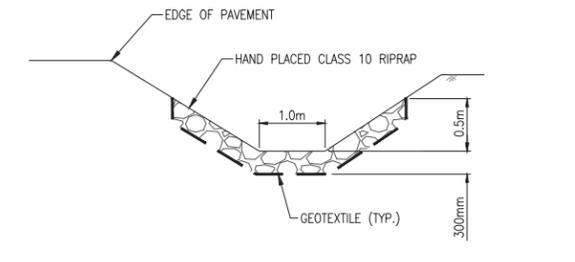
DETAIL C: HAND PLACED RIPRAP FOR CSP CULVERTS

N.T.S.



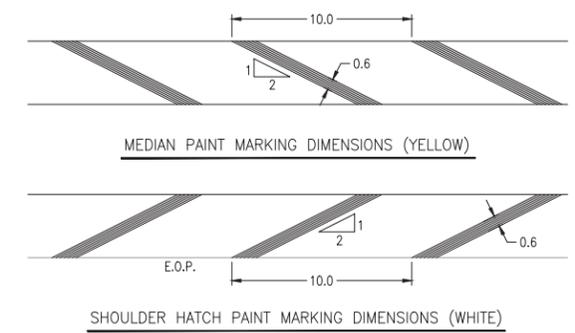
DETAIL D: DITCH BLOCK DETAILS

N.T.S.



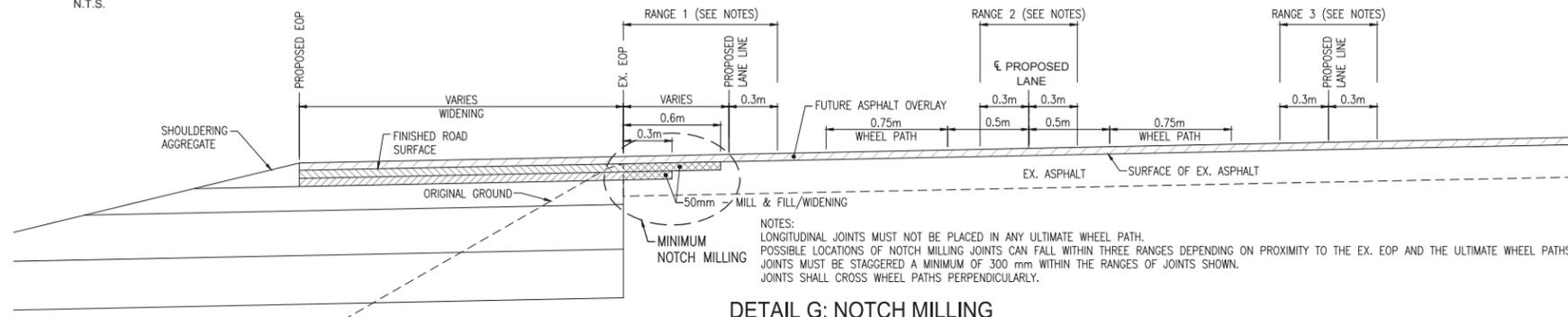
DETAIL E: RIPRAP DITCH PROTECTION DETAIL

N.T.S.



DETAIL F: PAVEMENT HATCHING DETAIL

N.T.S.



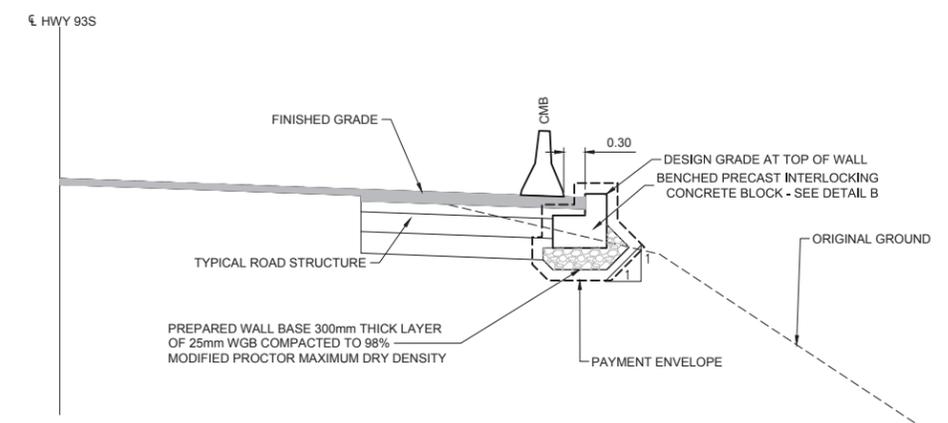
DETAIL G: NOTCH MILLING JOINT OFFSETS BETWEEN TWO ASPHALT LIFTS

SCALE 1:20

File name: O:\proj\21-00202-00-pca-83a-rehab-and-safety\10.0-drawings\10.3-engineering\c3-am-55-to-61-Cmb\10.3.6-Sheets\00202-CA-500.dwg\501
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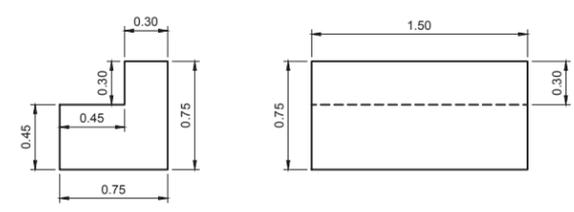
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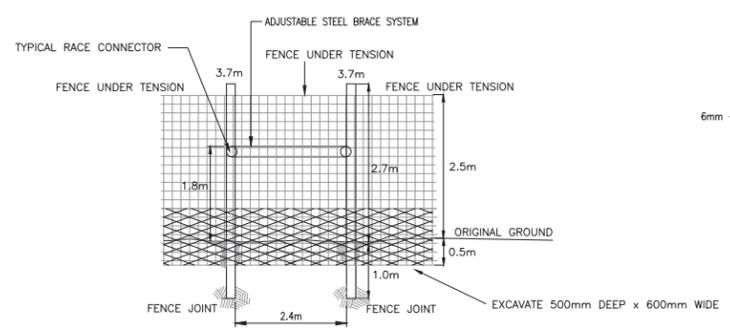
DETAIL A: PRECAST INTERLOCKING CONCRETE BLOCK WALL

N.T.S.



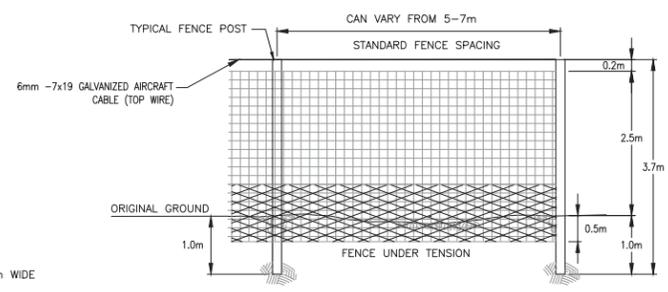
DETAIL B: TYPICAL BENCHED PRECAST INTERLOCKING CONCRETE BLOCKS

N.T.S.



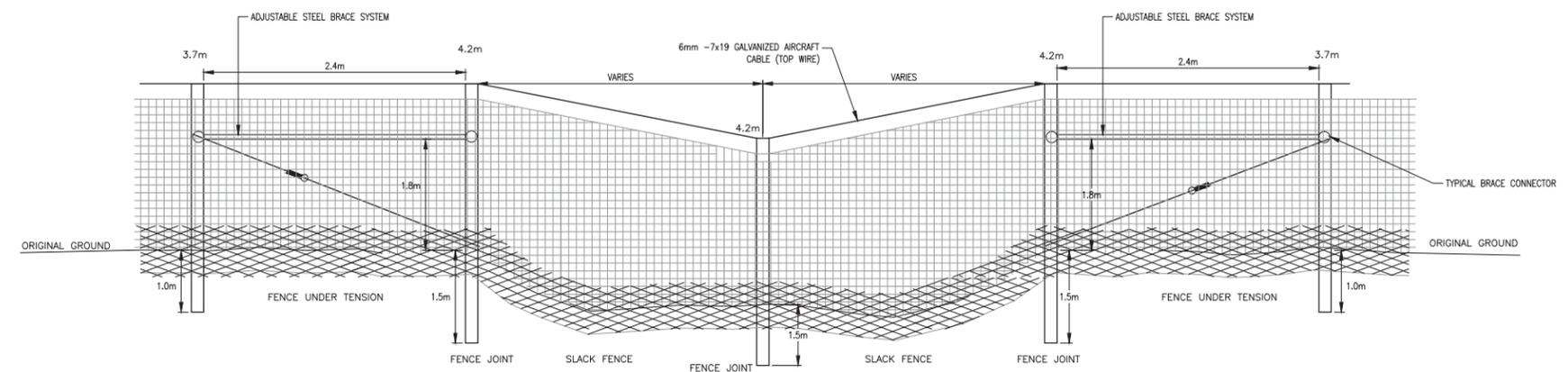
LINE BRACE SYSTEM

(APPROXIMATE 100 METRE SPACING OR AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE)
N.T.S.



STANDARD FENCE SYSTEM (TENSIONED)

N.T.S.



DETAIL C: STANDARD BRACE SYSTEM FOR VERTICAL ANGLE CHANGES

REVERSE BRACING FOR UPSLOPE CONDITIONS.

N.T.S.

NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A	A
C	C

Consultant's Stamp / Sceau de l'expert-conseil

Eng. Stamp / Sceau de l'ingénieur

Client/client

Parks Canada / L'Agence Parcs Canada
Agency / Western and Northern Region / Canada / Ouest et Nord Région

Consultant's Name / Nom de l'expert-conseil



Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS
KOOTENAY NATIONAL PARK**

Drawing title/Titre du dessin

DETAILS

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG	SF	AS SHOWN

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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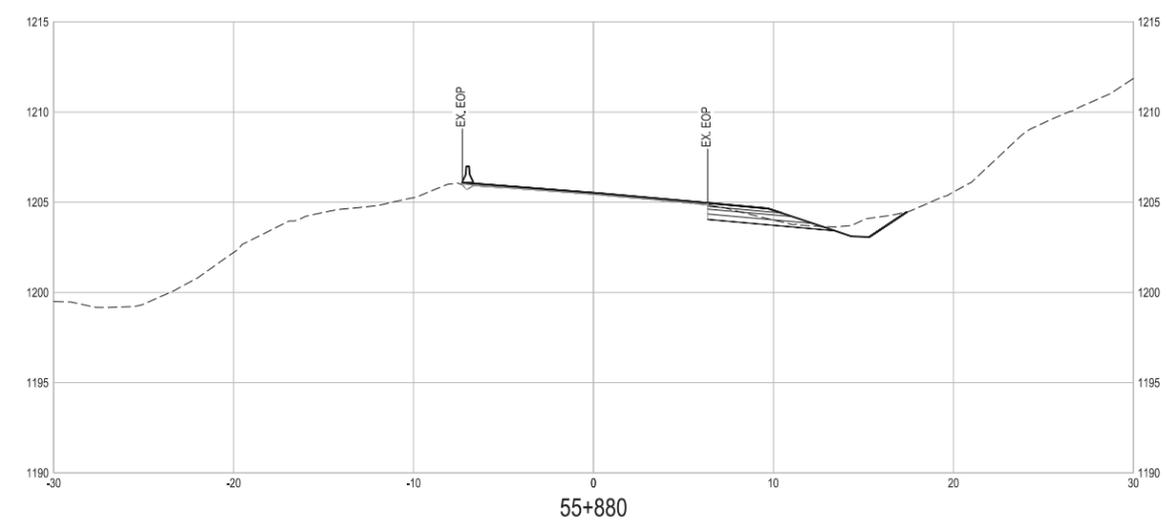
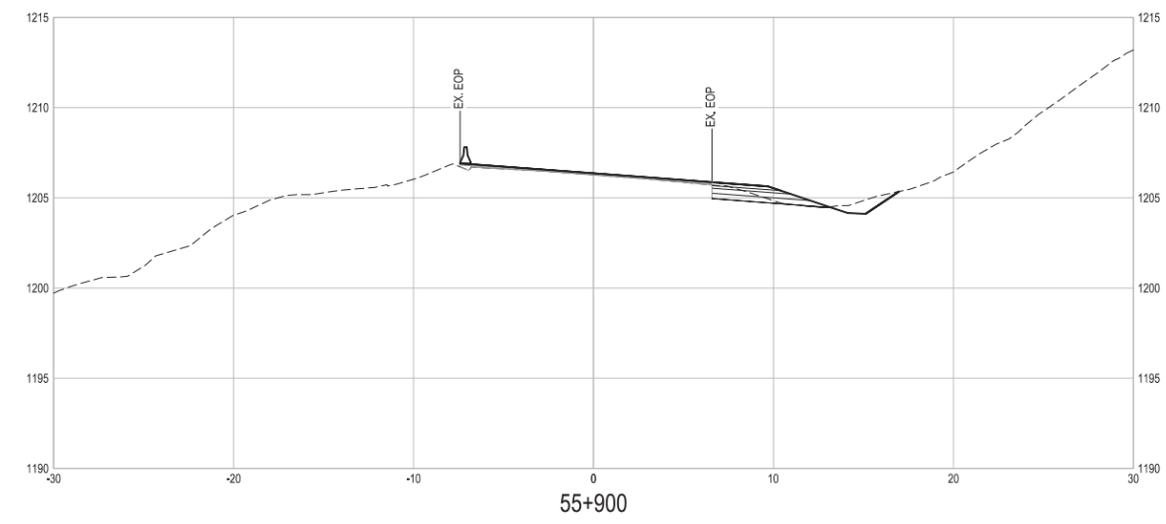
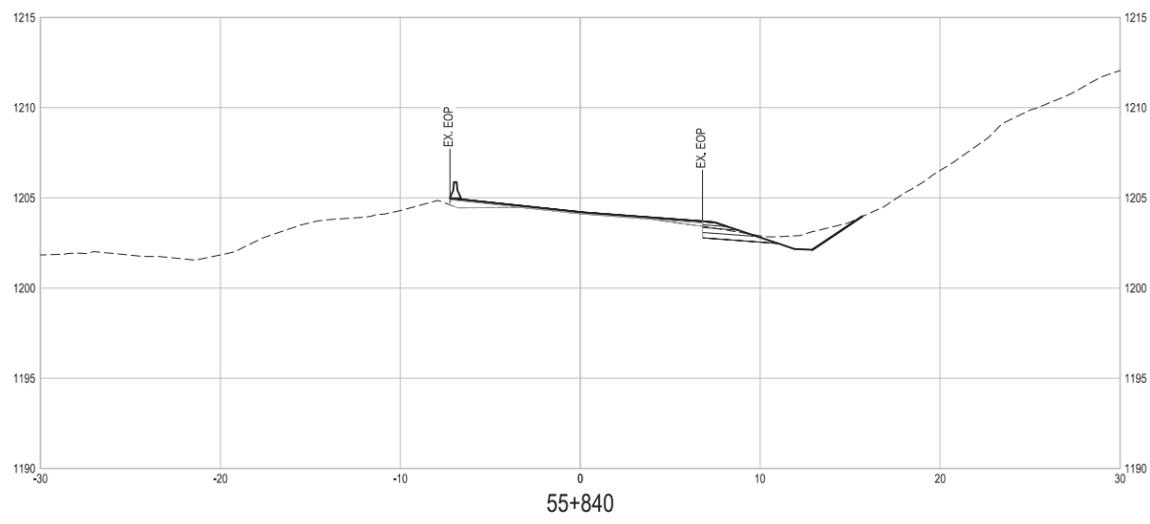
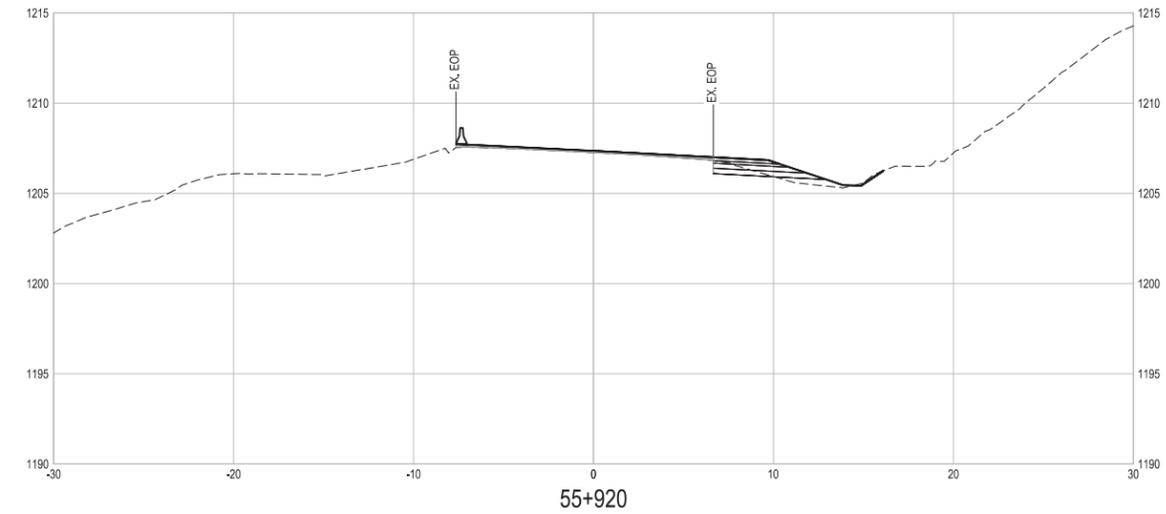
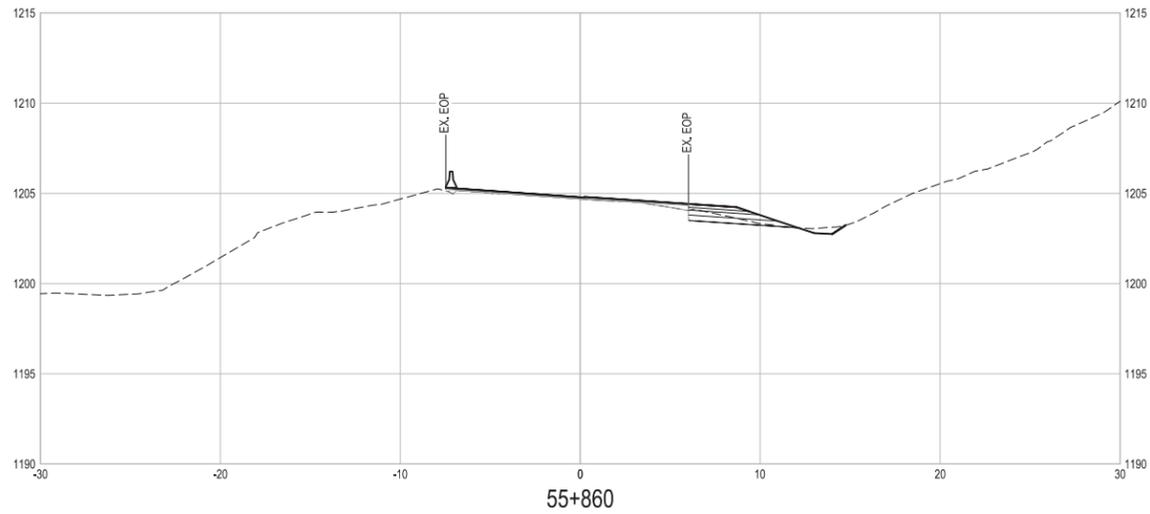
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Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		503

Drawing Reference No./No. de référence du dessin
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FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				

A C	A detail number numéro de détail	A B C	B source drawing no. de dessin no.	C detail on drawing no. détail sur dessin no.
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

 Parks Canada
 Agency
 Western and
 Northern Region

L'Agence Parcs
 Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil
McElhanney

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**CROSS SECTIONS
 CLIMBING LANE**
STA 55+840 - 55+920

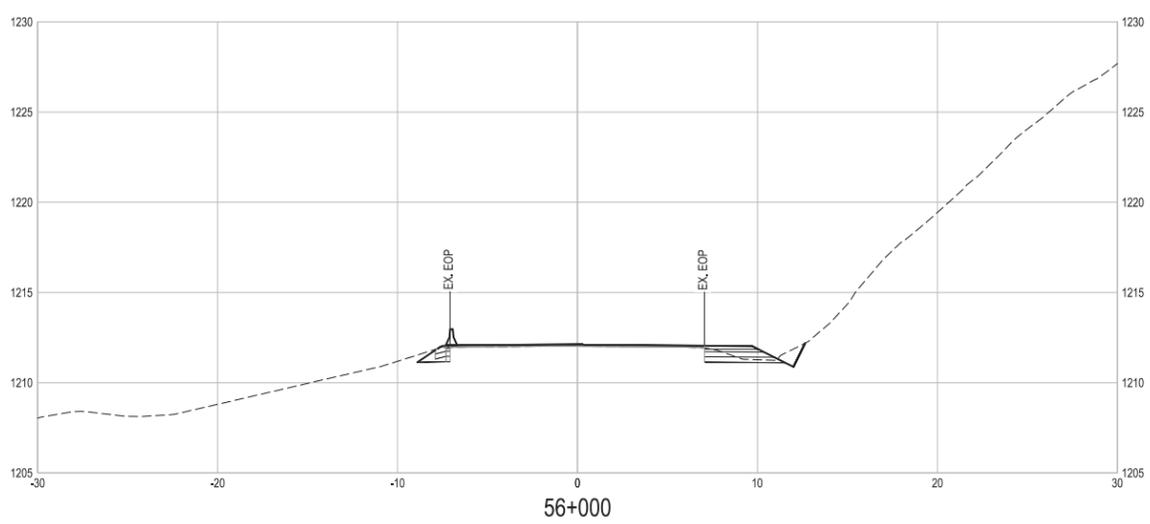
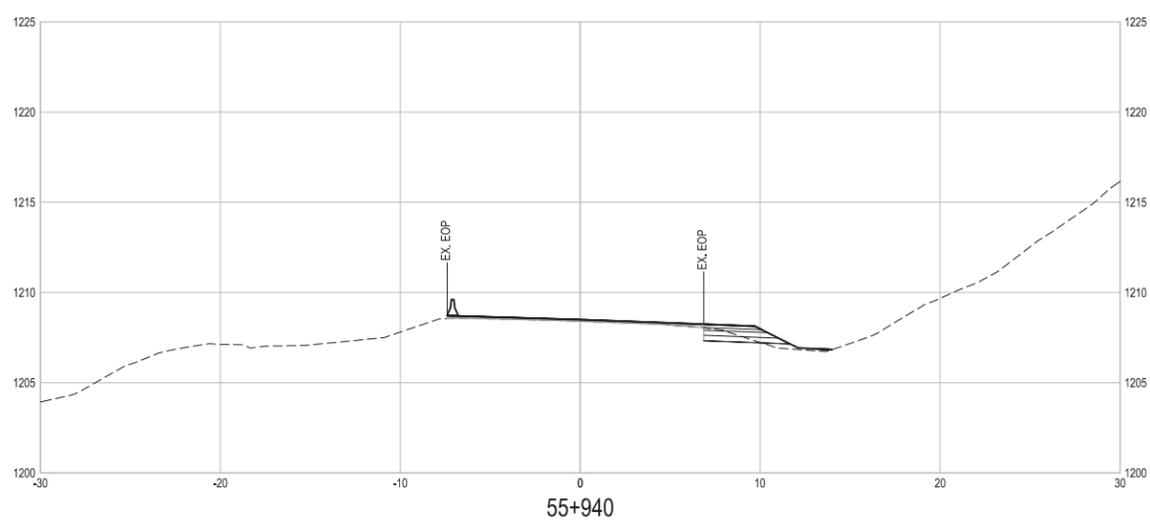
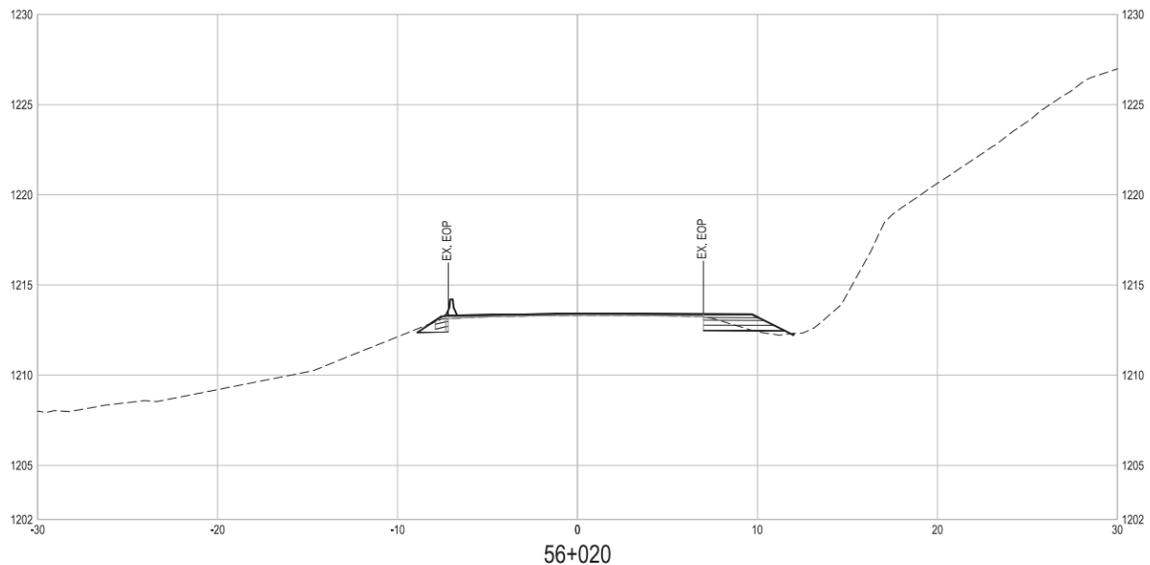
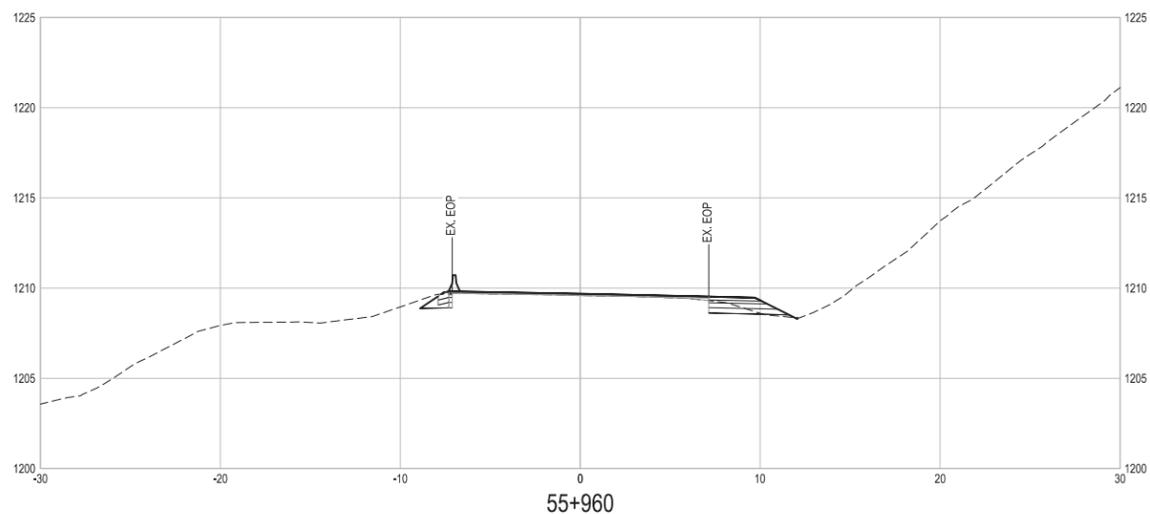
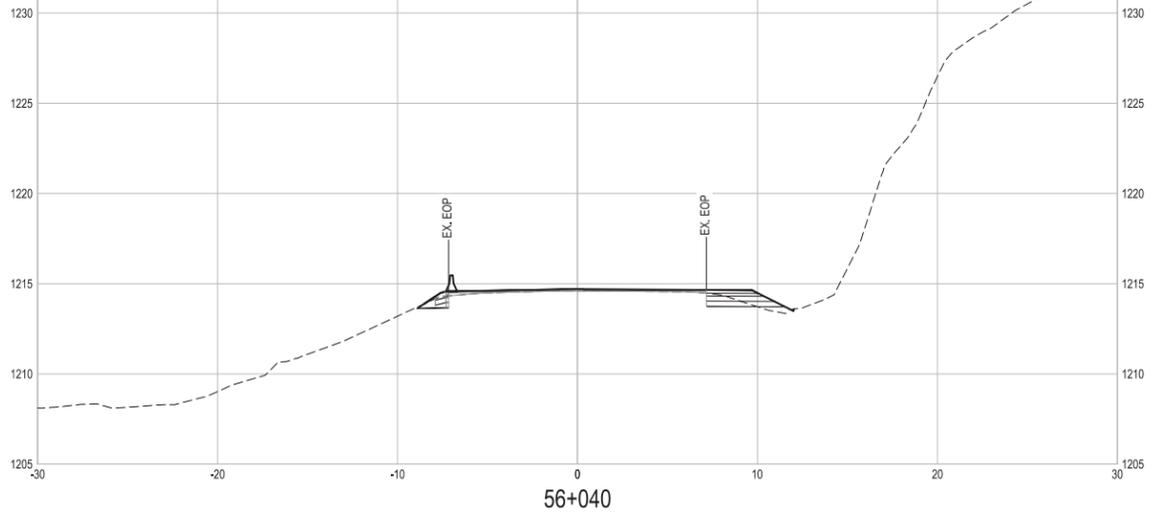
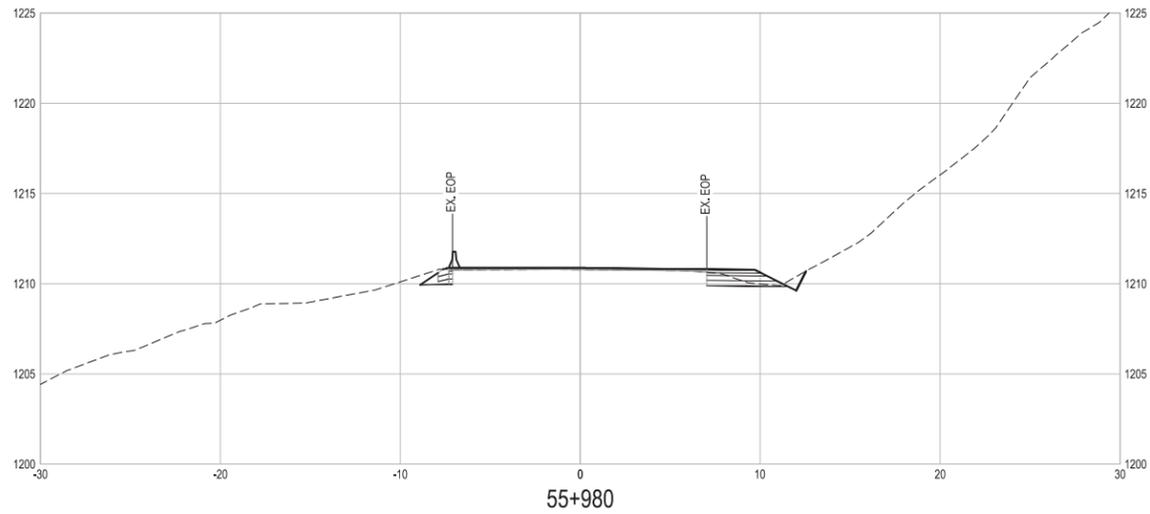
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Designed by/Concept par CG / JV	Reviewed by/Revisé par SF	Scale/Echelle 1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client 	Approved by/Approuvé par
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Project No./No. du projet 201536A	Asset No./No. de bien 	Sheet No./ No. de la feuille XS01 of 32
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		

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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
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B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanny

Project title/Titre du projet

HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS
 KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

CROSS SECTIONS
 CLIMBING LANE
 STA 55+940 - 56+040

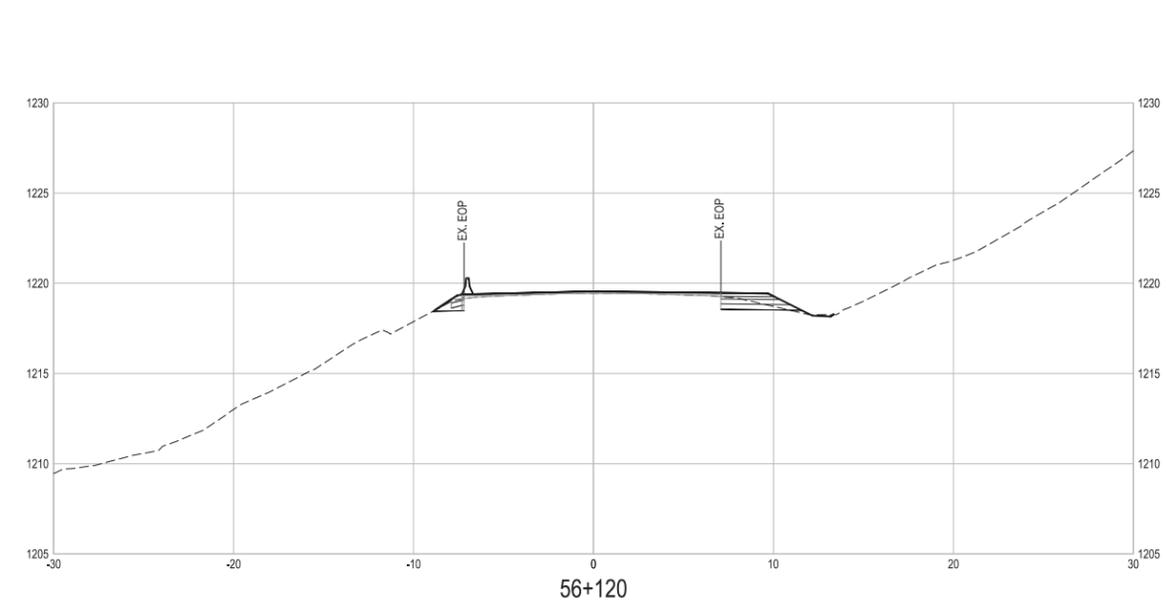
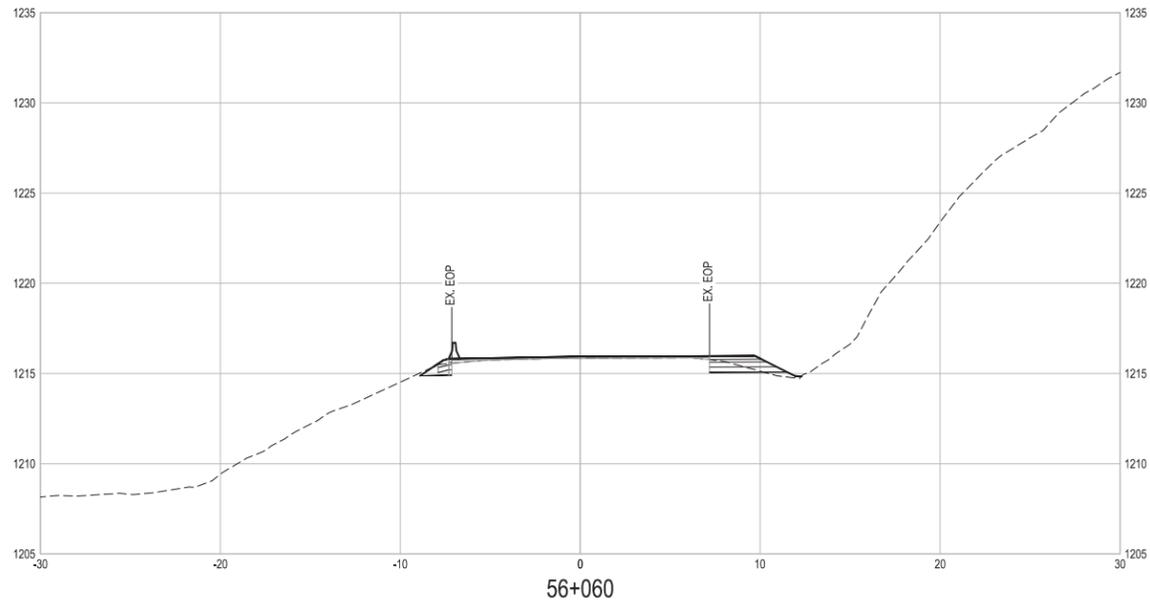
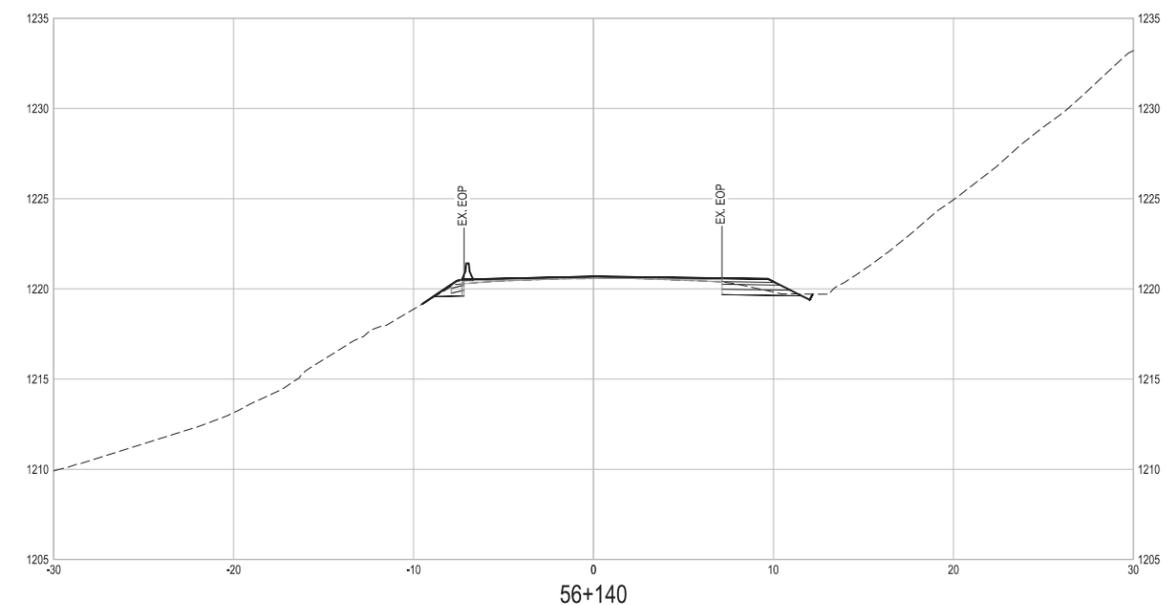
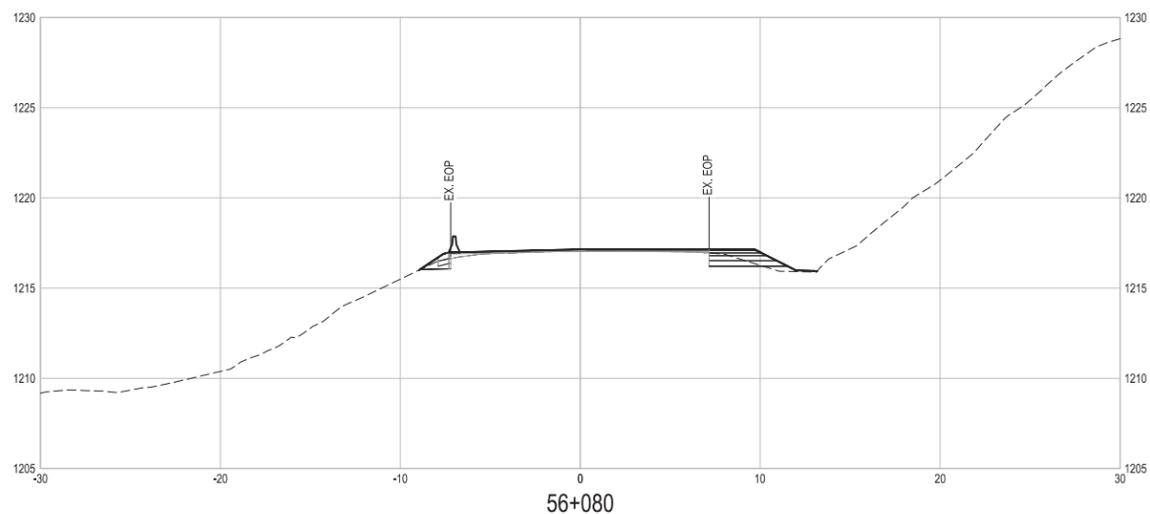
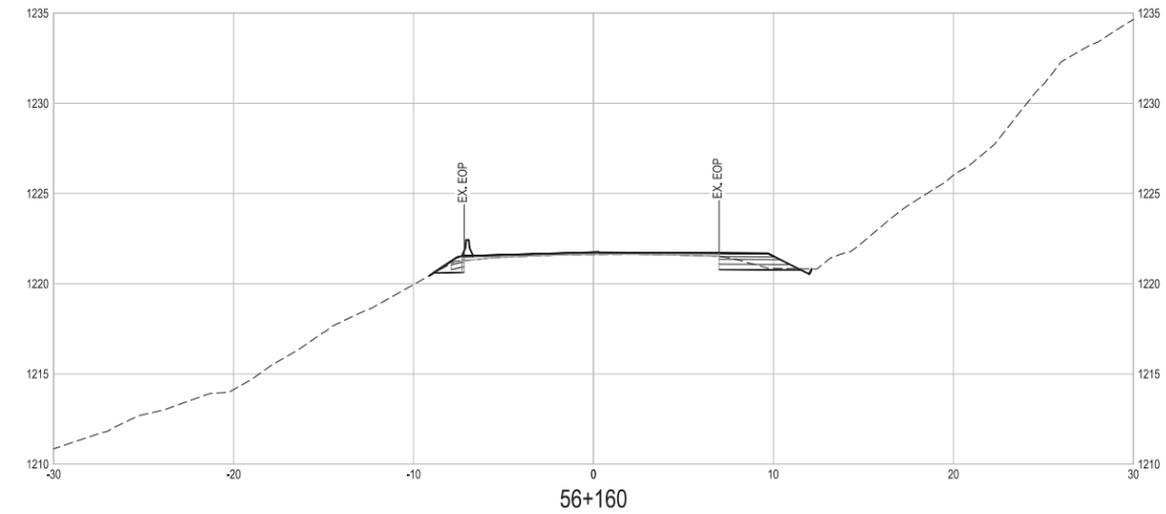
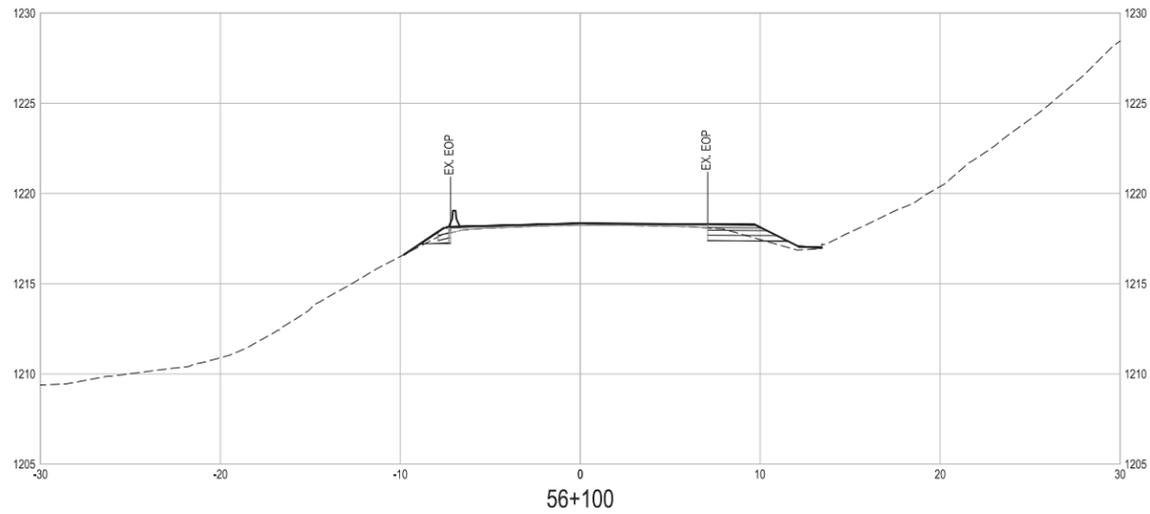
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Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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C		detail on drawing no. / détail sur dessin no.		

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 56+060 - 56+160

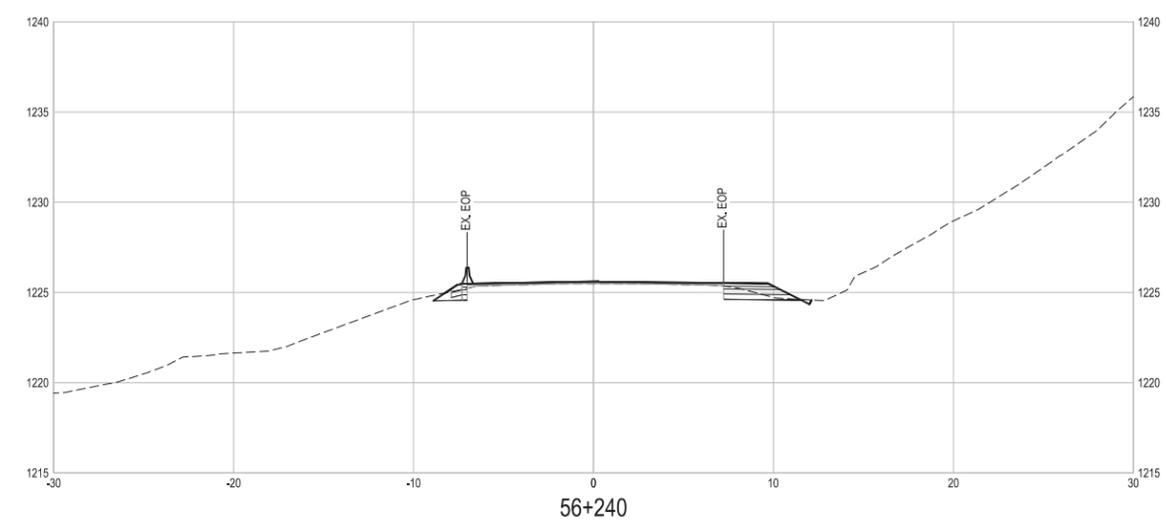
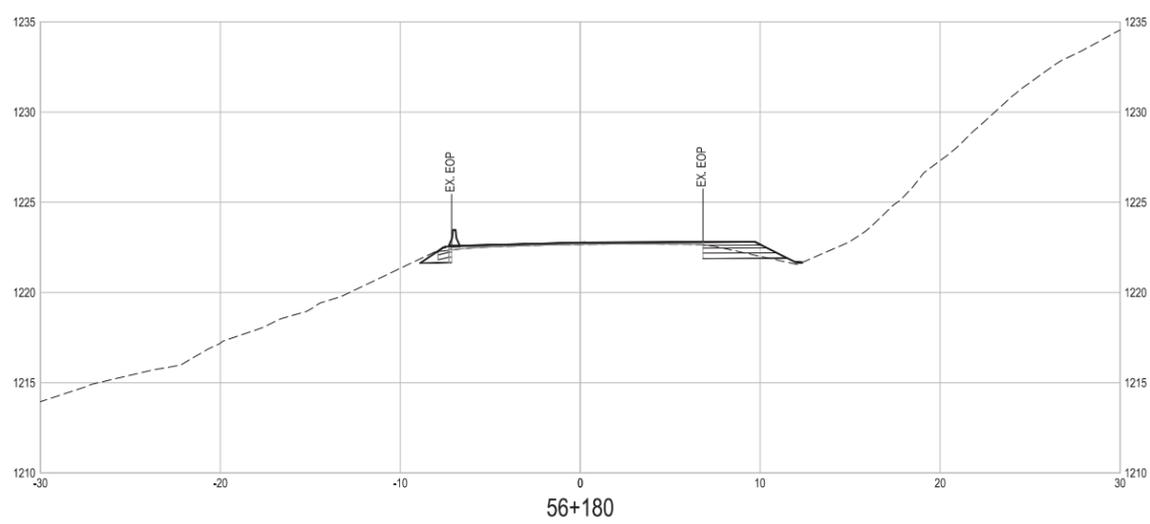
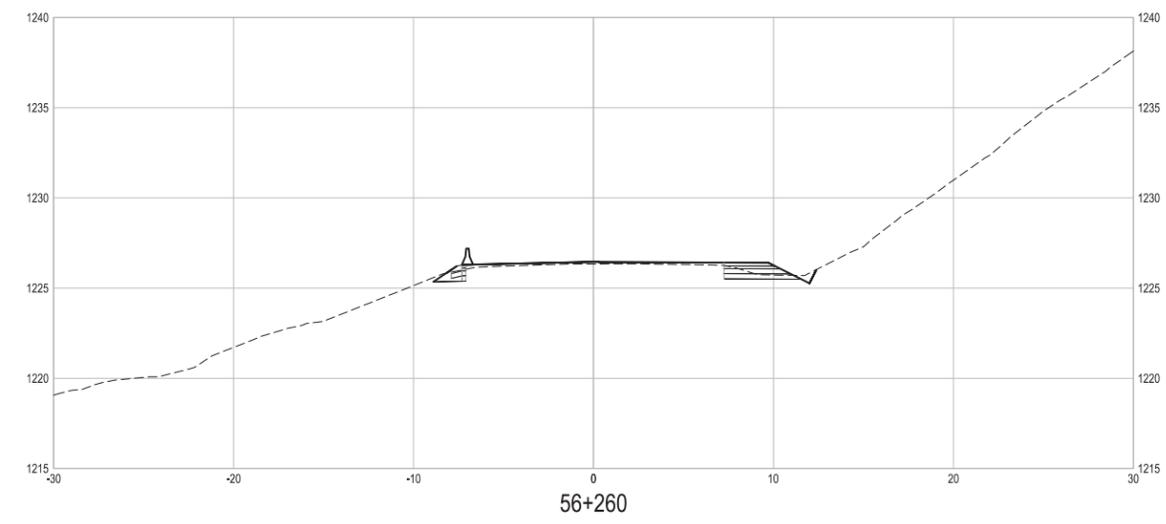
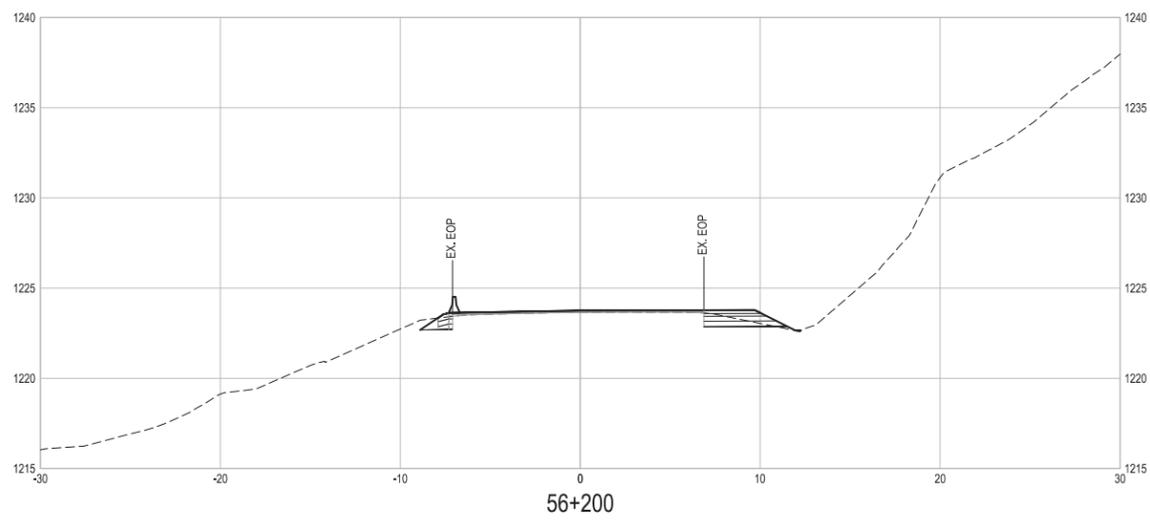
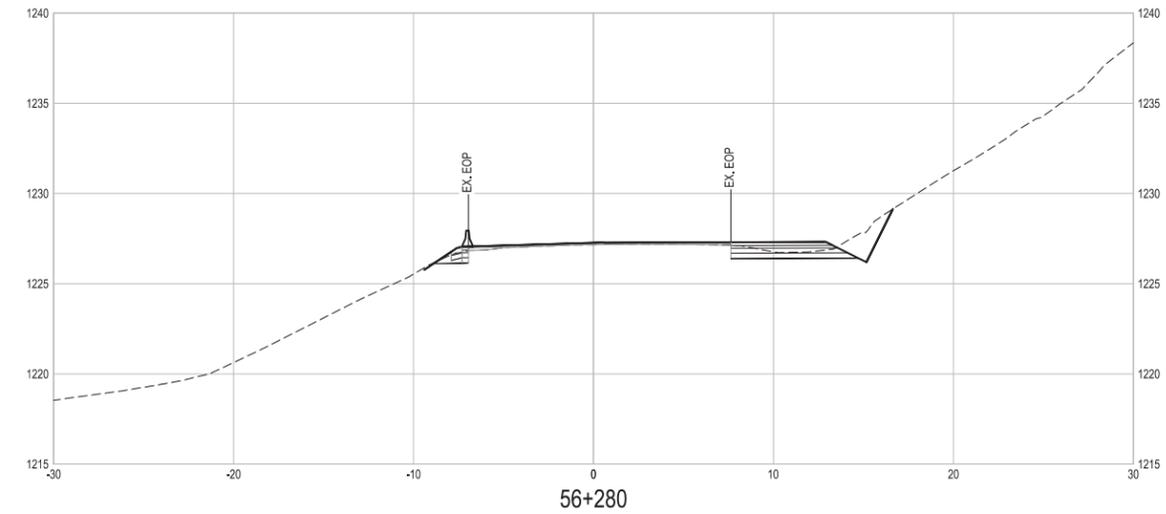
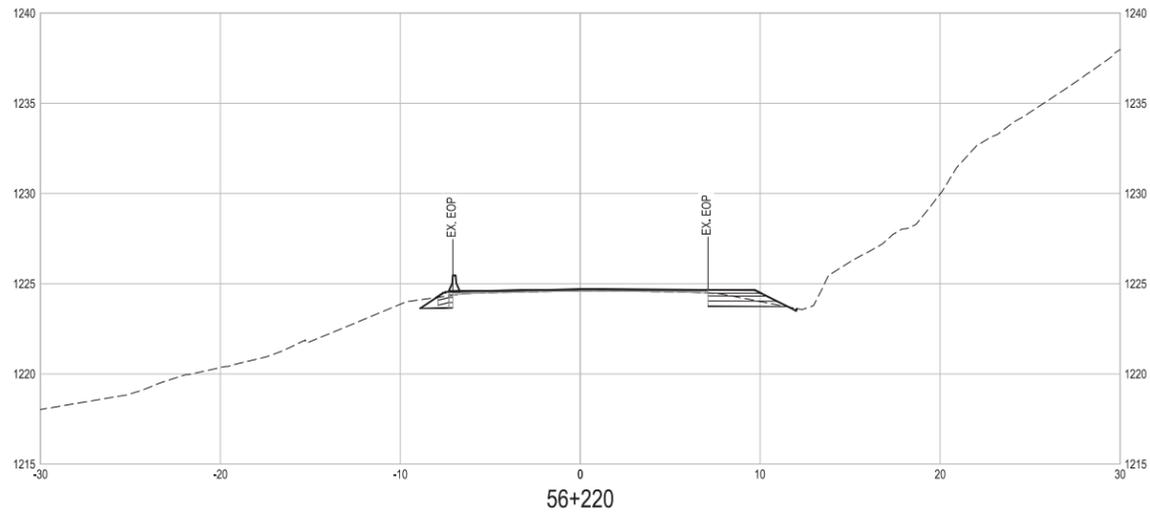
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Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		XS03
Drawing Reference No./No. de référence du dessin		of 32
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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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C	detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
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Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 56+180 - 56+280

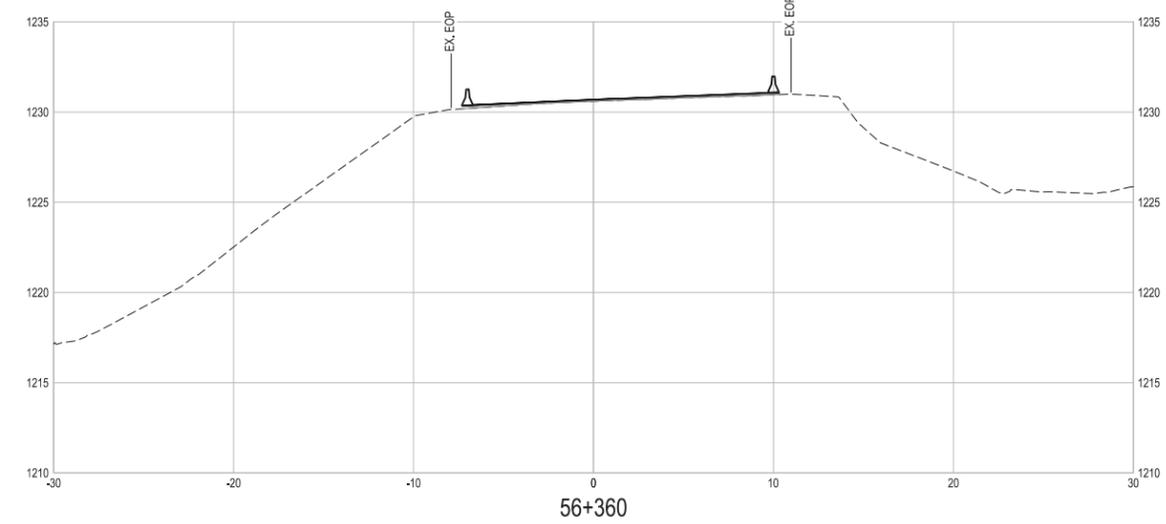
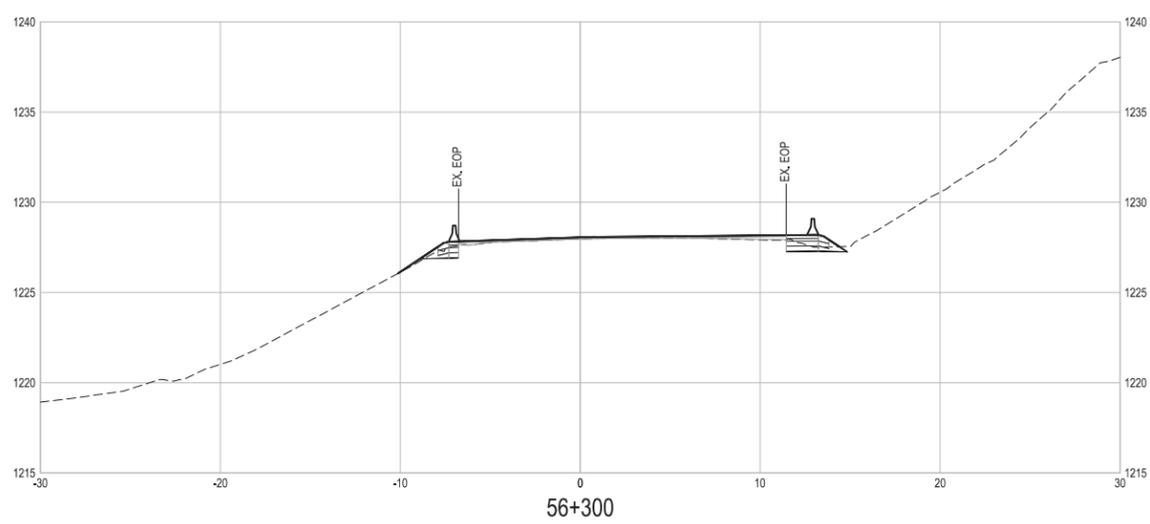
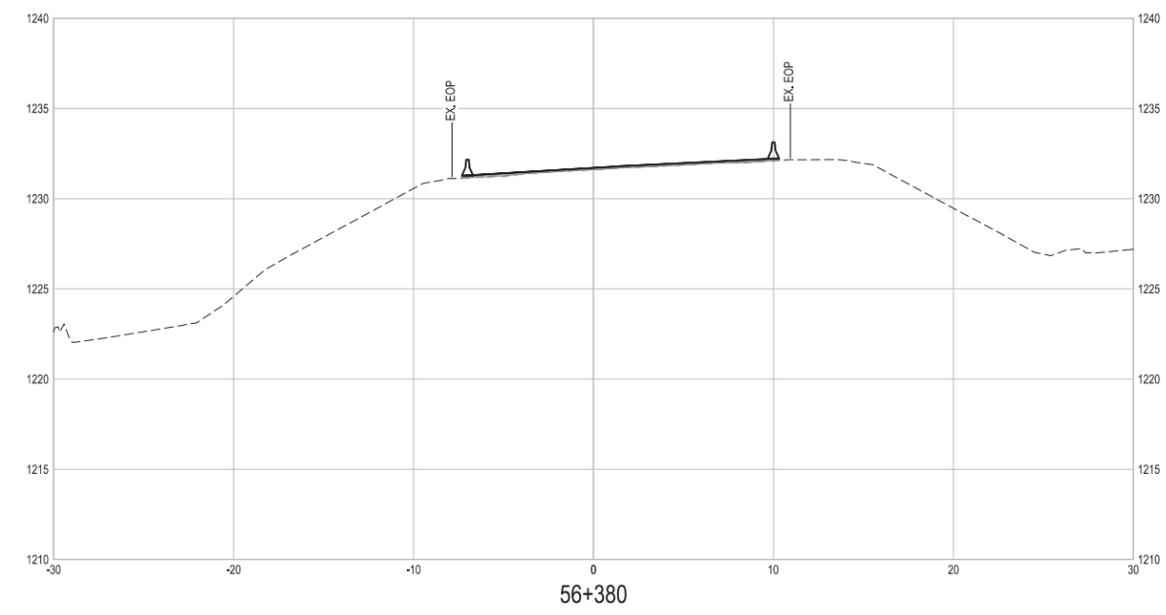
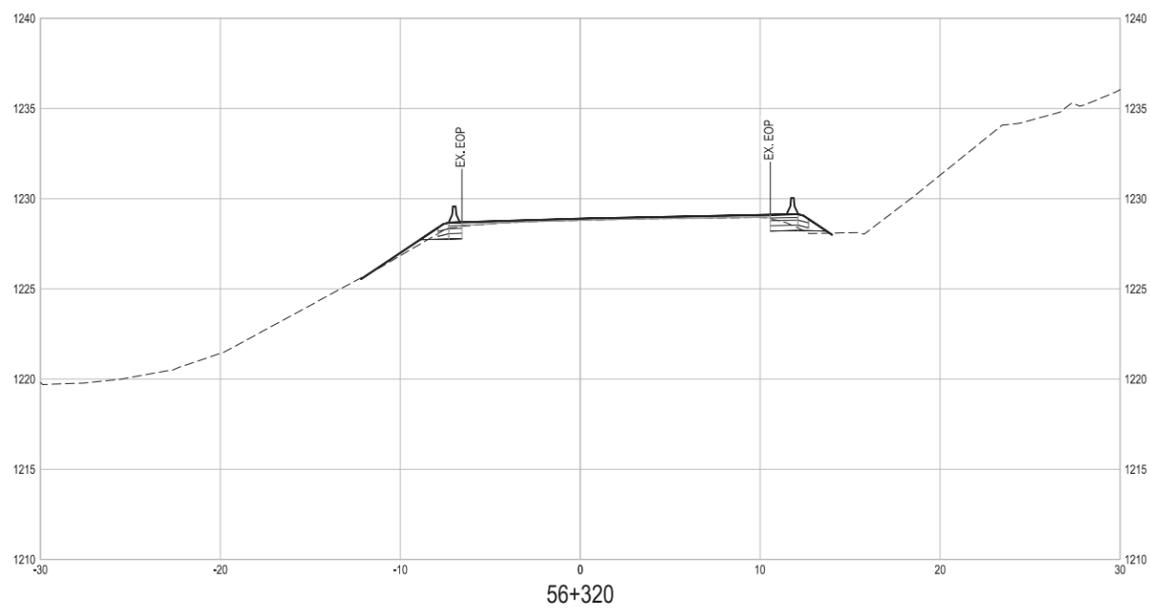
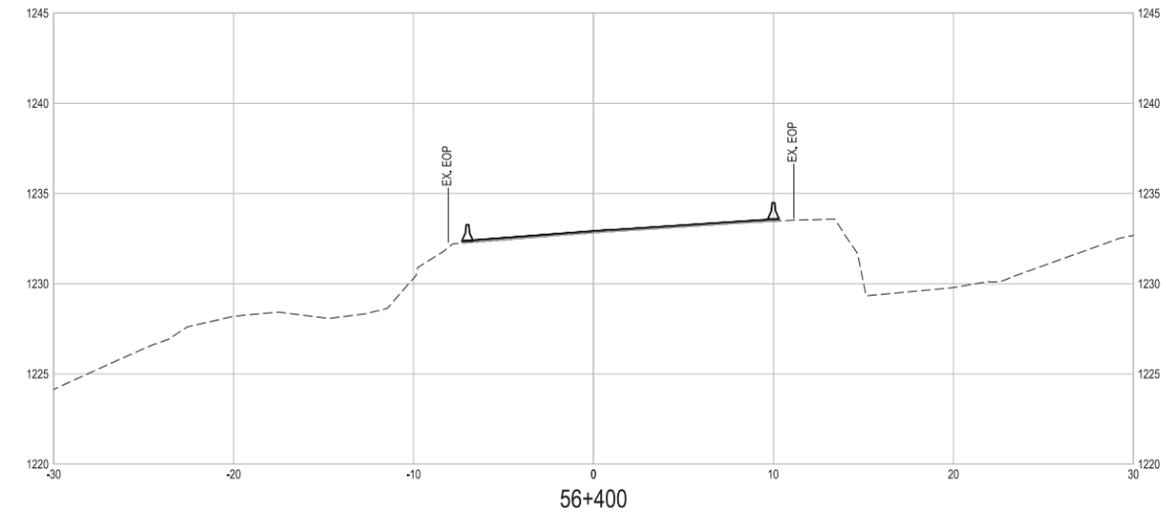
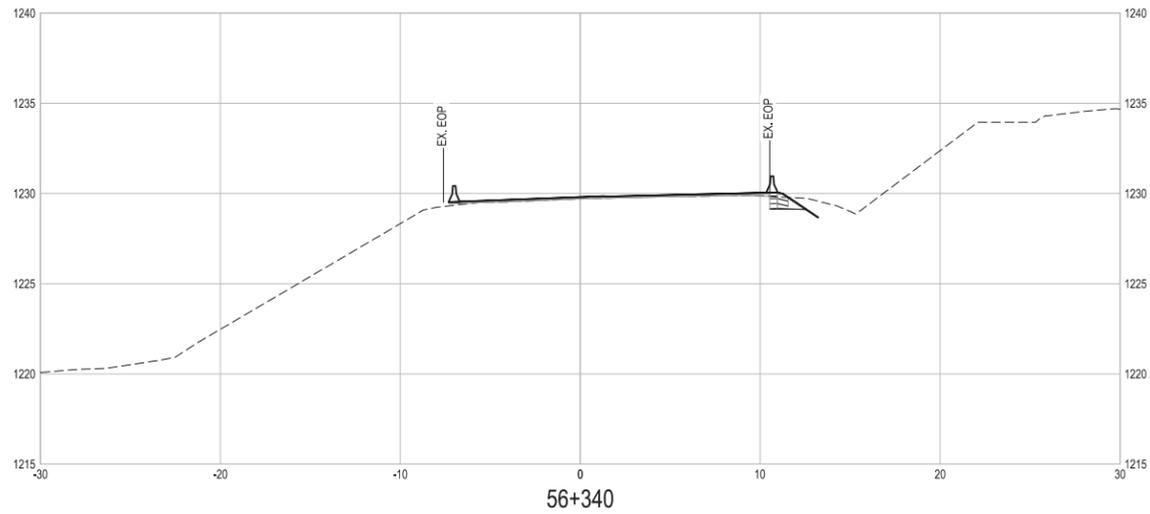
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CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS04
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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FOR INFORMATION ONLY
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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A detail number / numéro de détail B source drawing no. / de dessin no. C detail on drawing no. / détail sur dessin no.				

 A  B  C	 A  B  C
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

 Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
 Nom de l'expert-conseil



Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 56+300 - 56+400

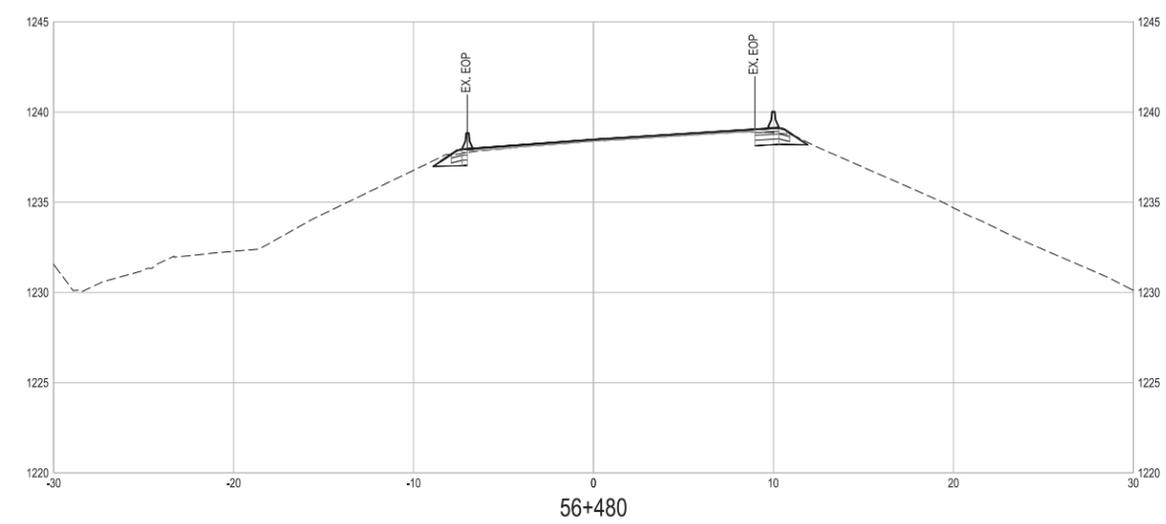
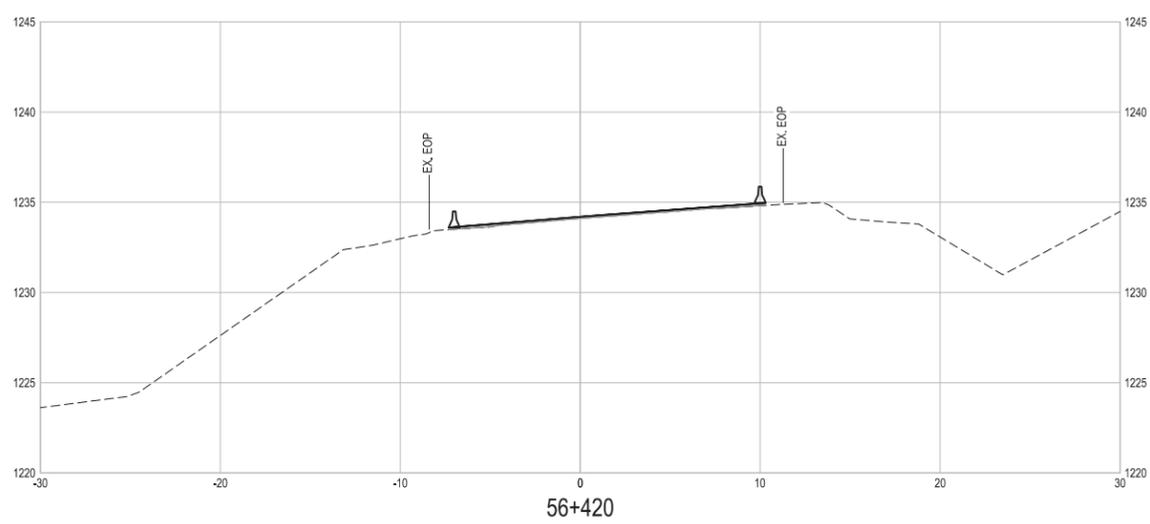
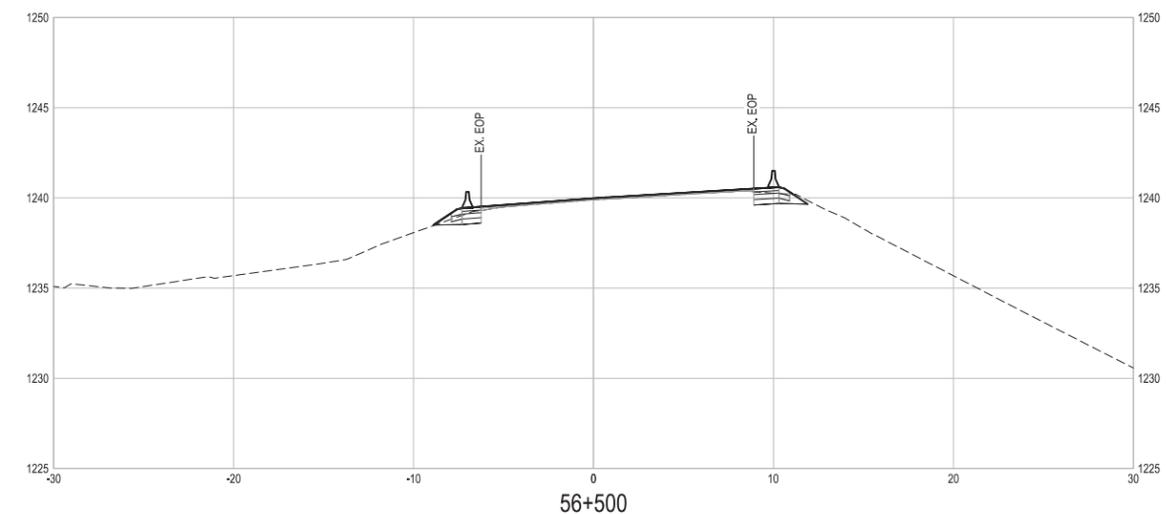
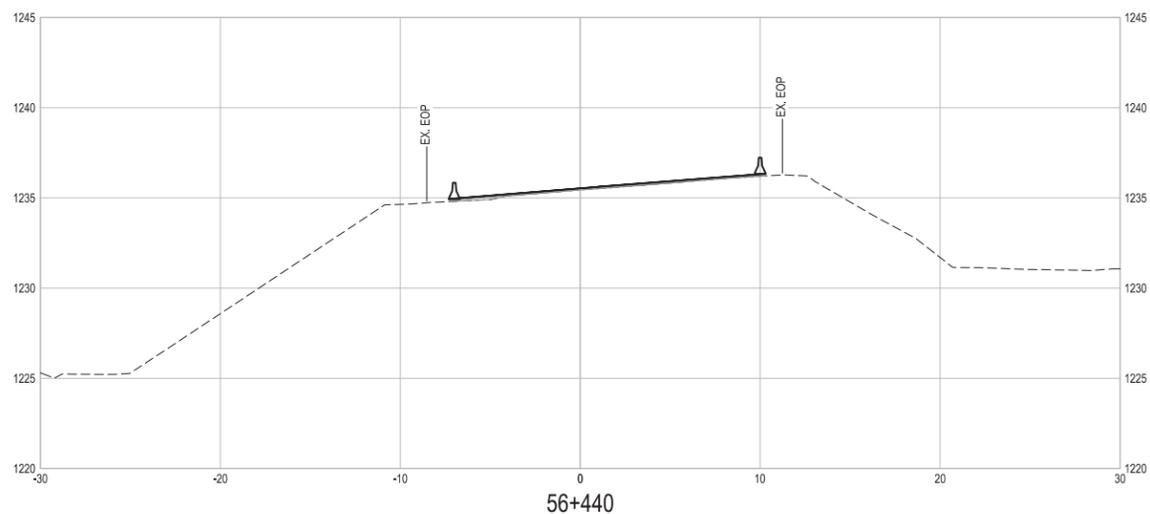
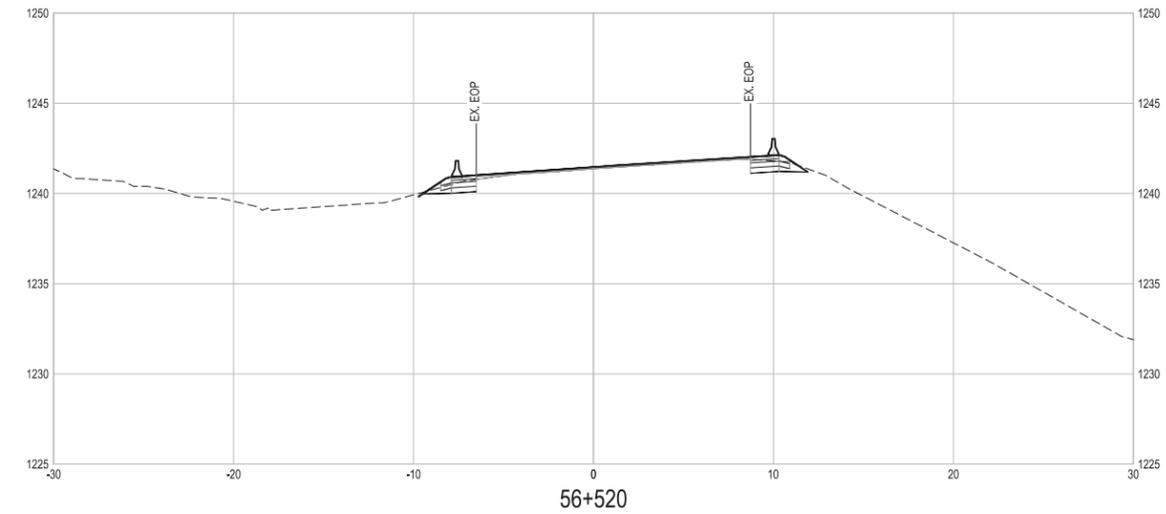
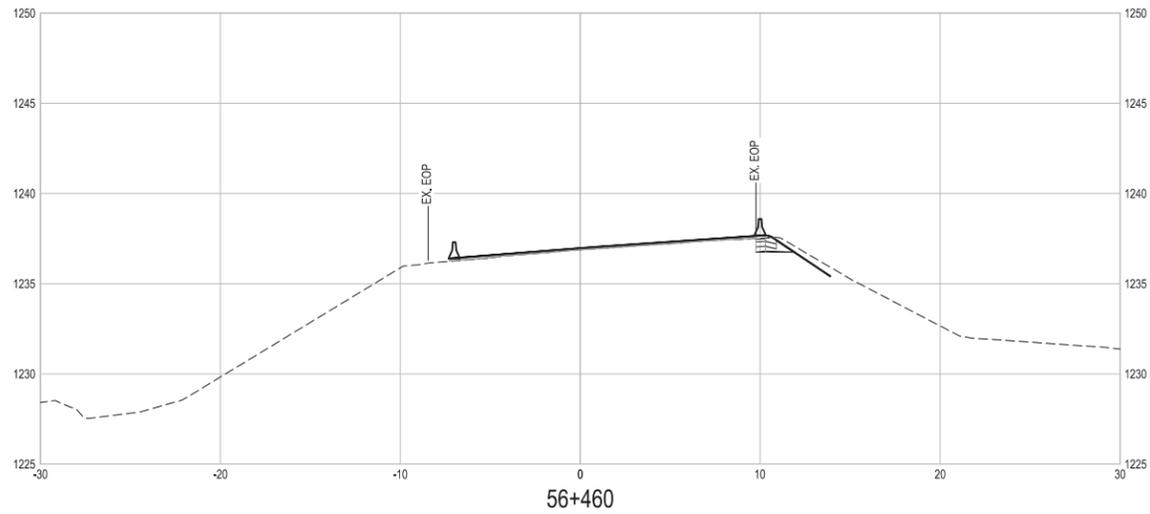
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		XS05
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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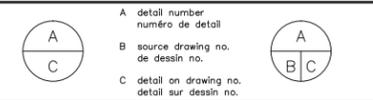
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FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				



Consultant's Stamp /
 Sceau de l'expert-conseil
 Eng. Stamp /
 Sceau de l'ingénieur

Client/client
 Parks Canada / L'Agence Parcs Canada
 Agency / Agence
 Western and Northern Region / Ouest et Nord Région

Consultant's Name /
 Nom de l'expert-conseil
McElhanney

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**CROSS SECTIONS
 CLIMBING LANE**
STA 56+420 - 56+520

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
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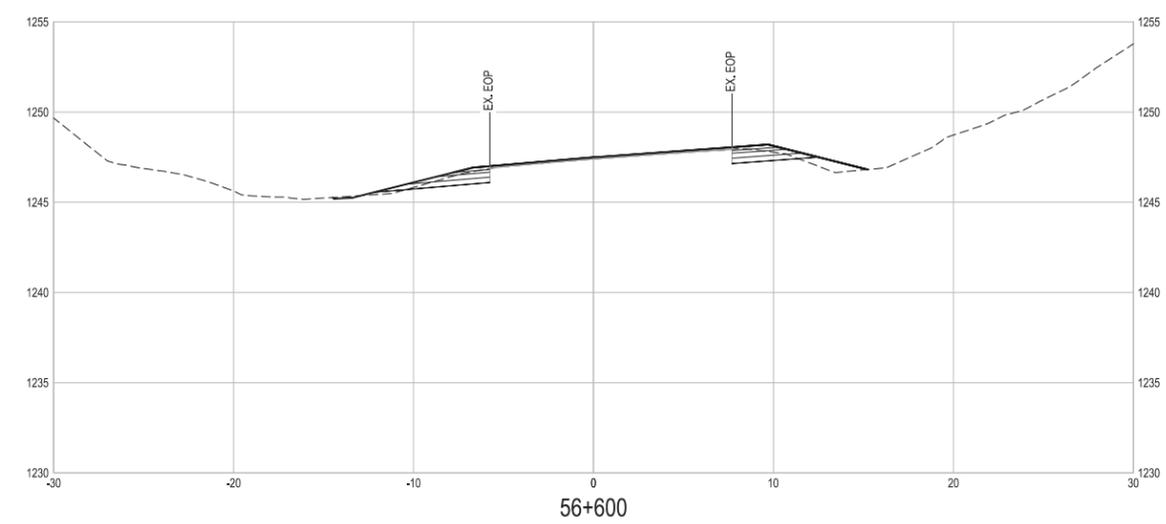
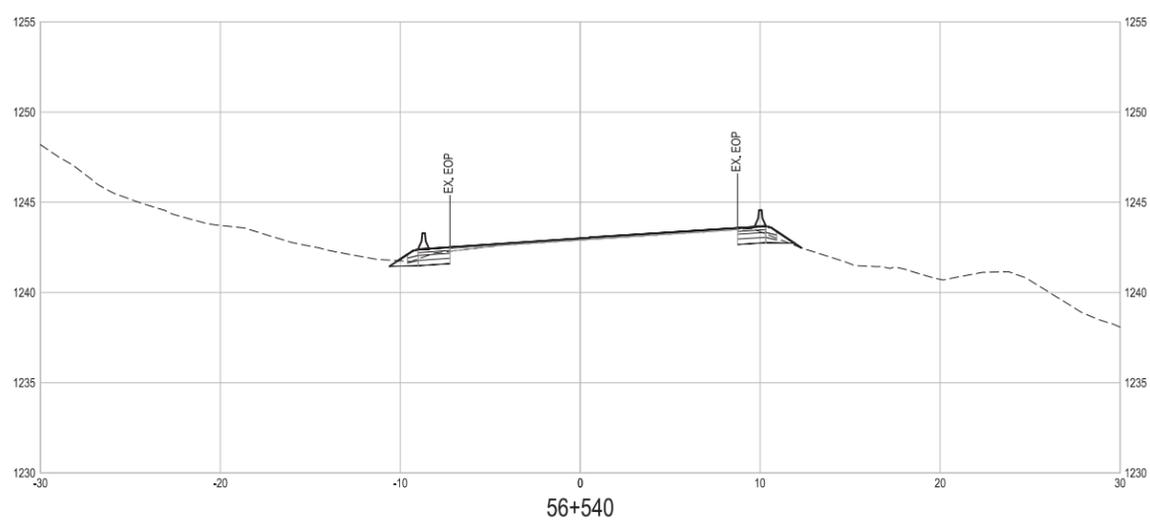
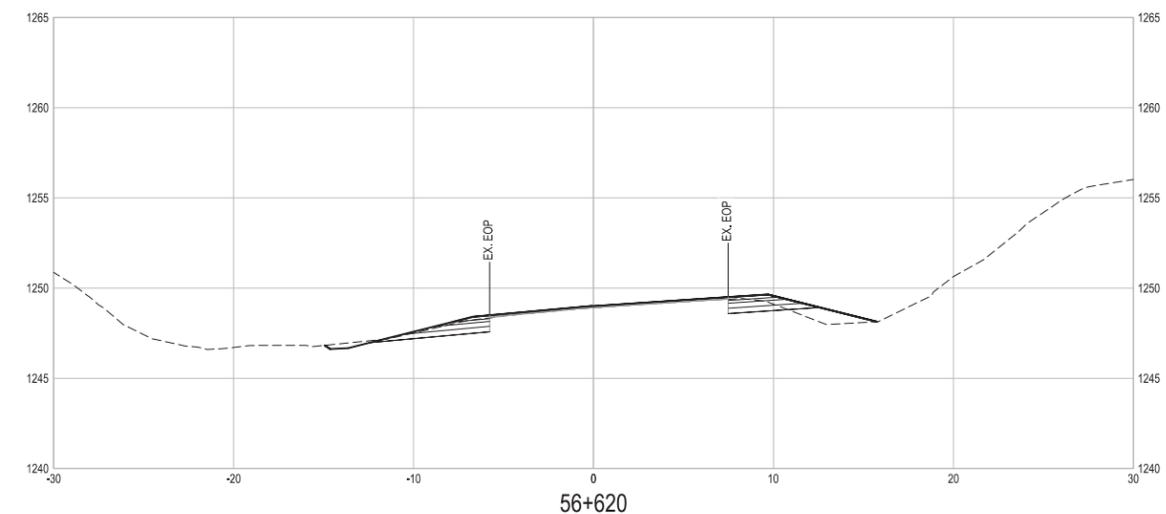
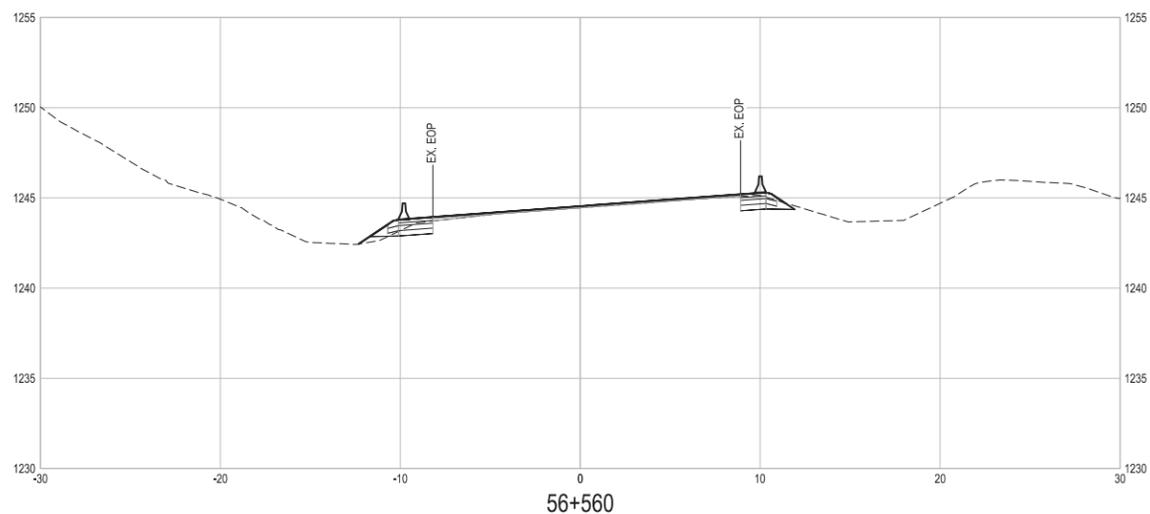
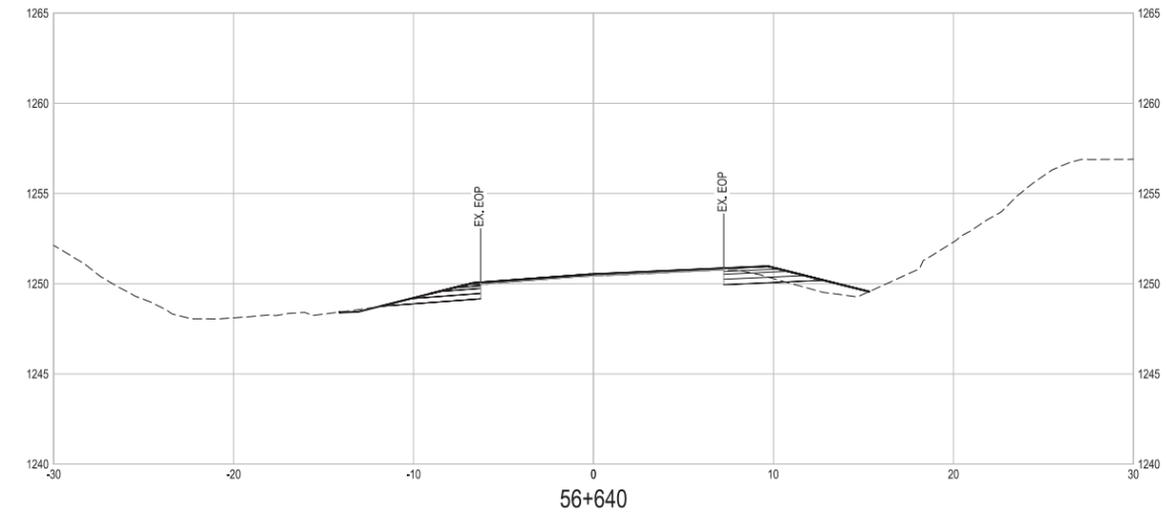
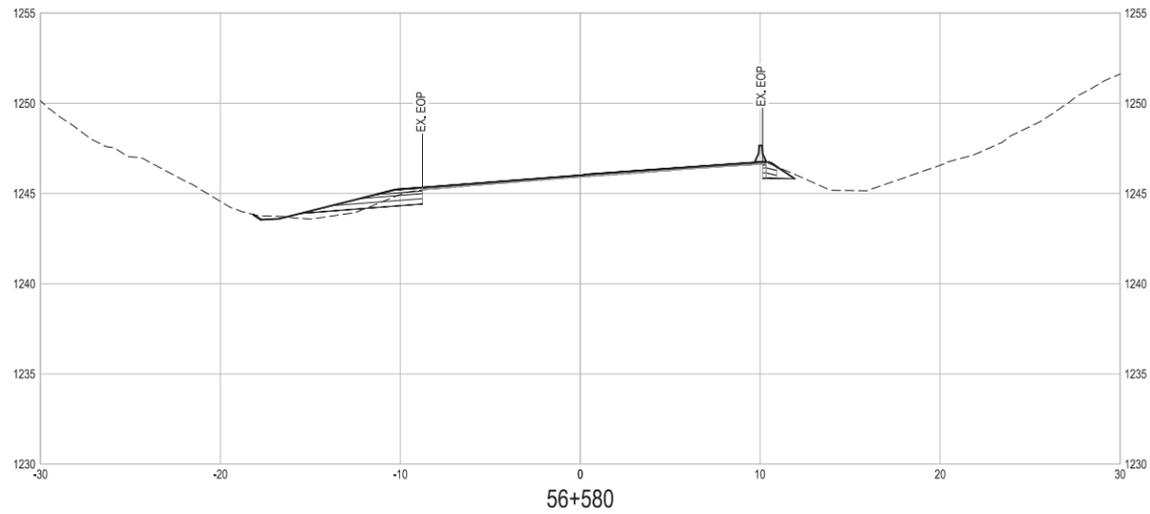
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

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. de bien	Sheet No./No. de la feuille
201536A		XS06
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number numéro de détail
B	source drawing no. de dessin no.
C	detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 56+540 - 56+640

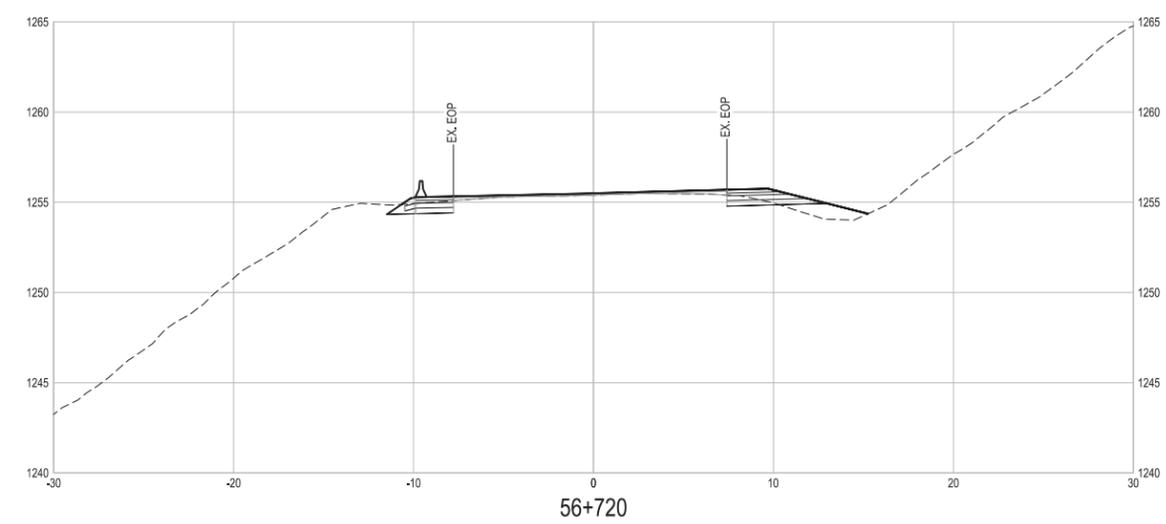
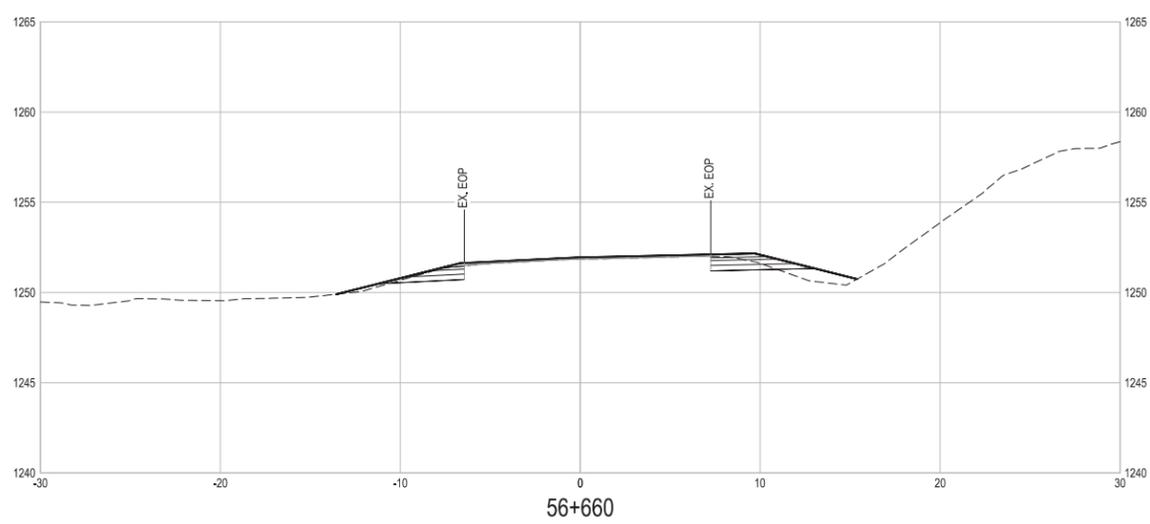
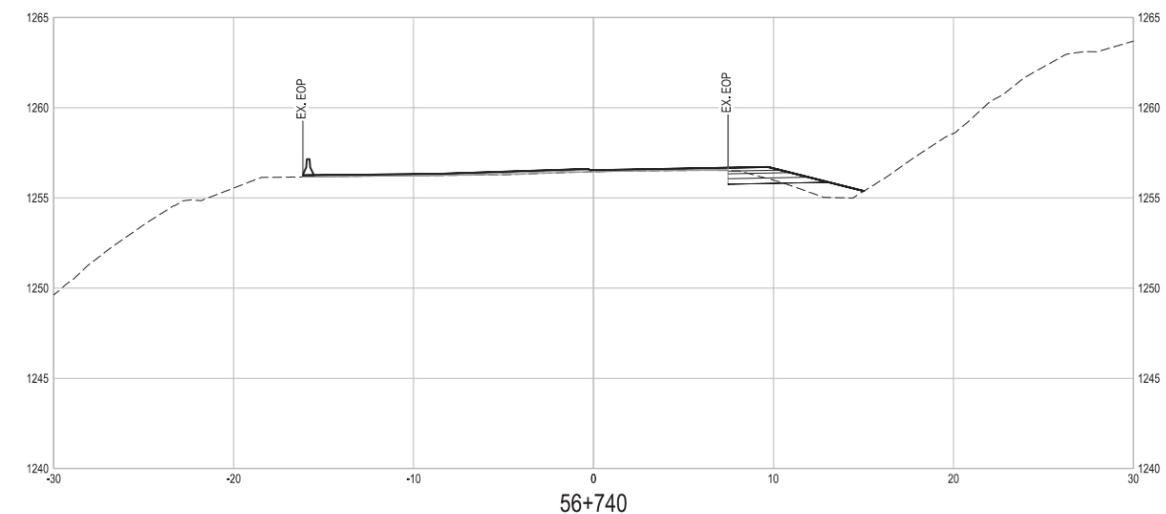
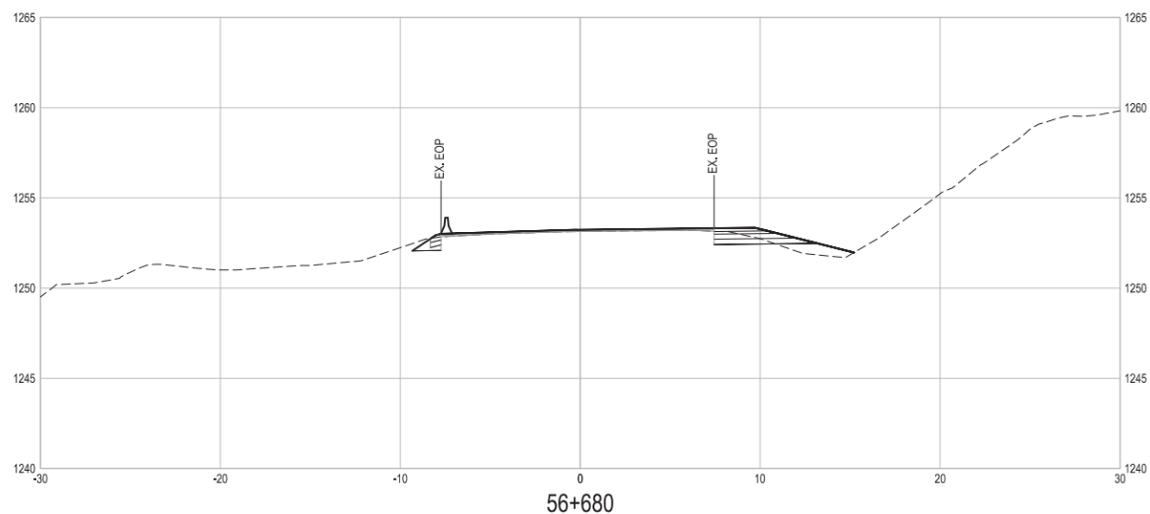
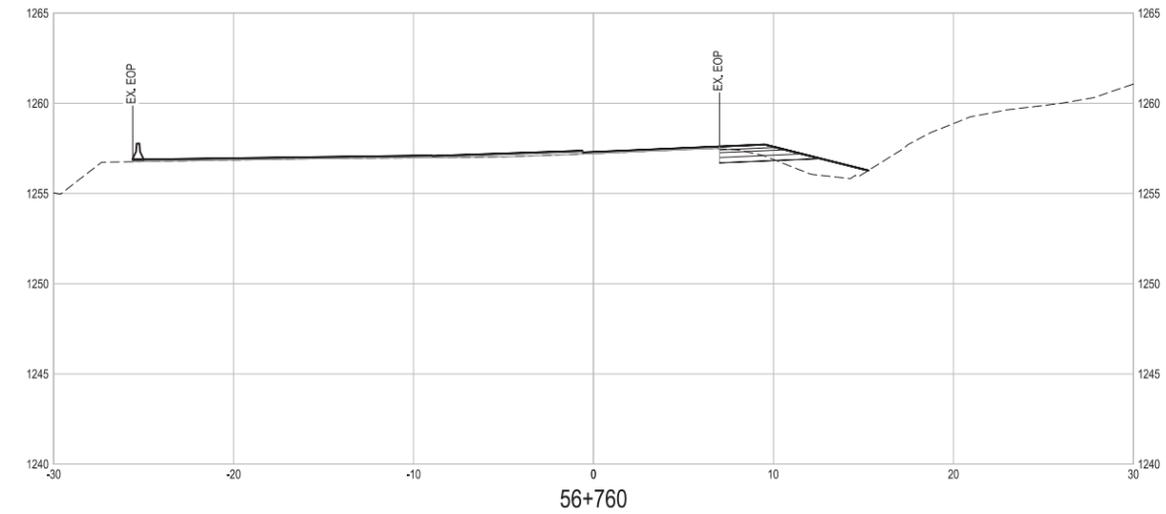
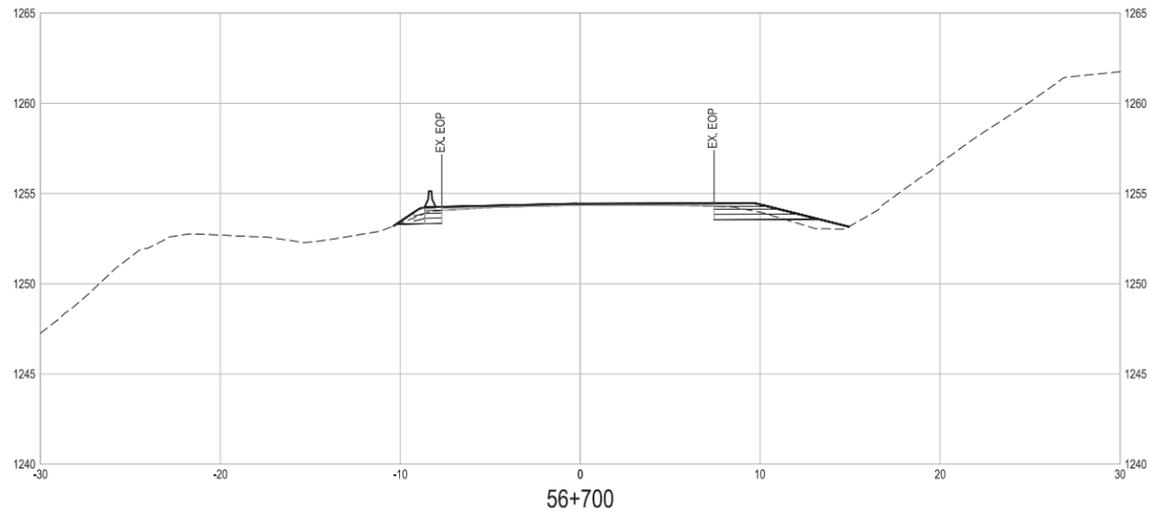
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS07
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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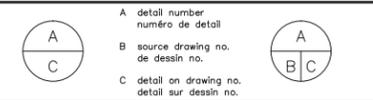
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				



Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
 Nom de l'expert-conseil

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 56+660 - 56+760

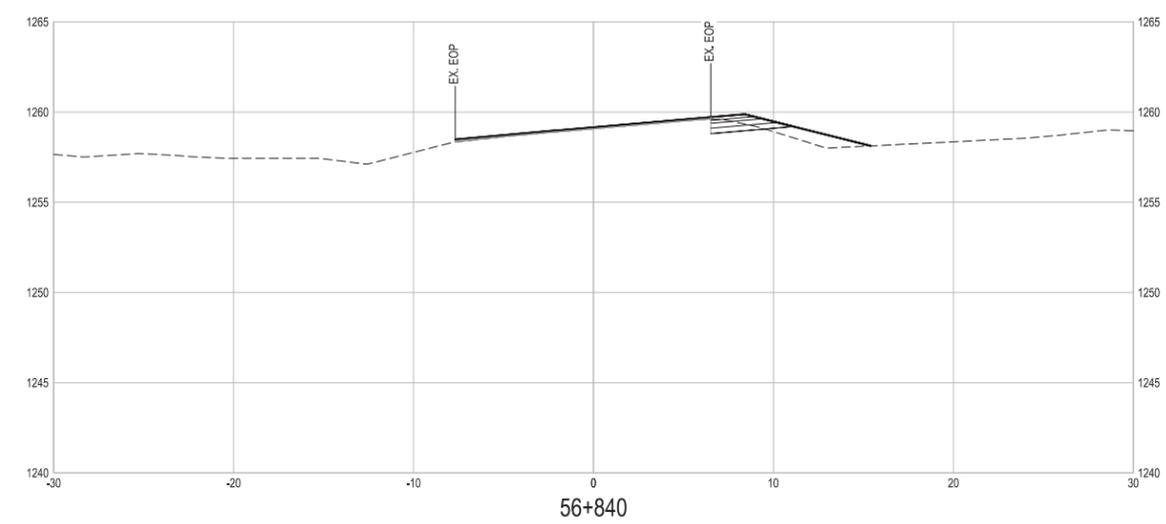
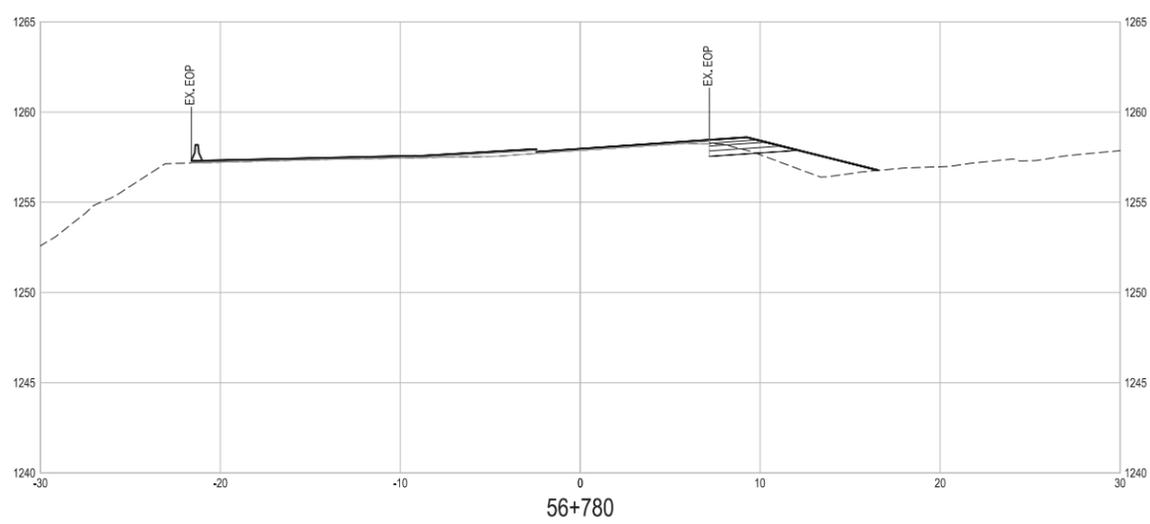
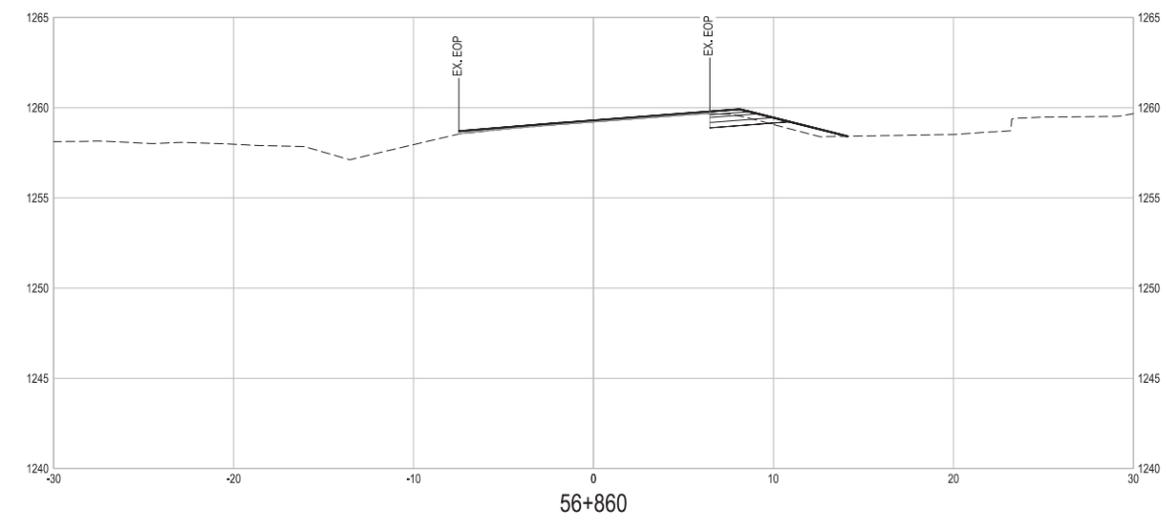
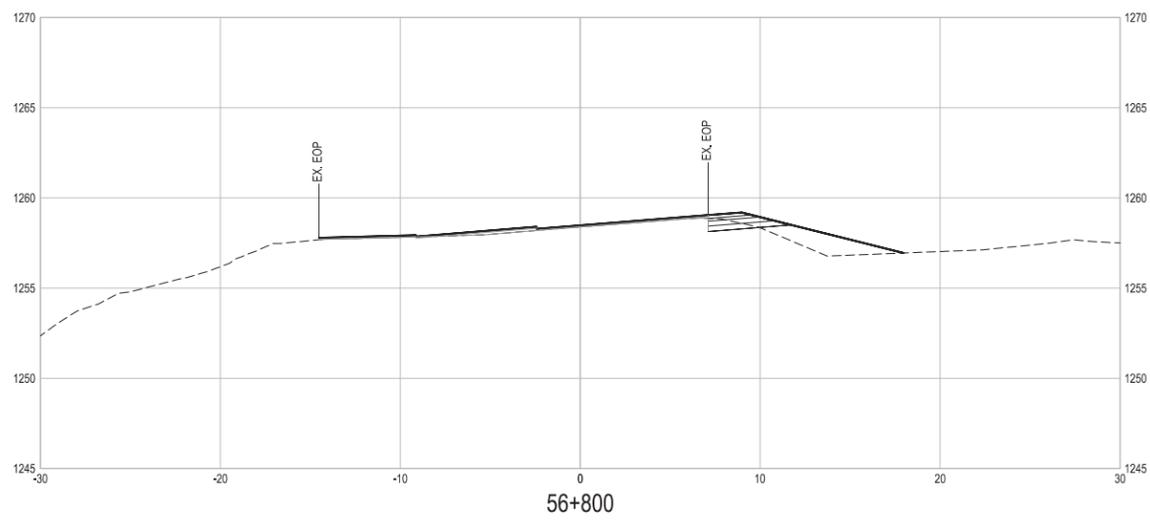
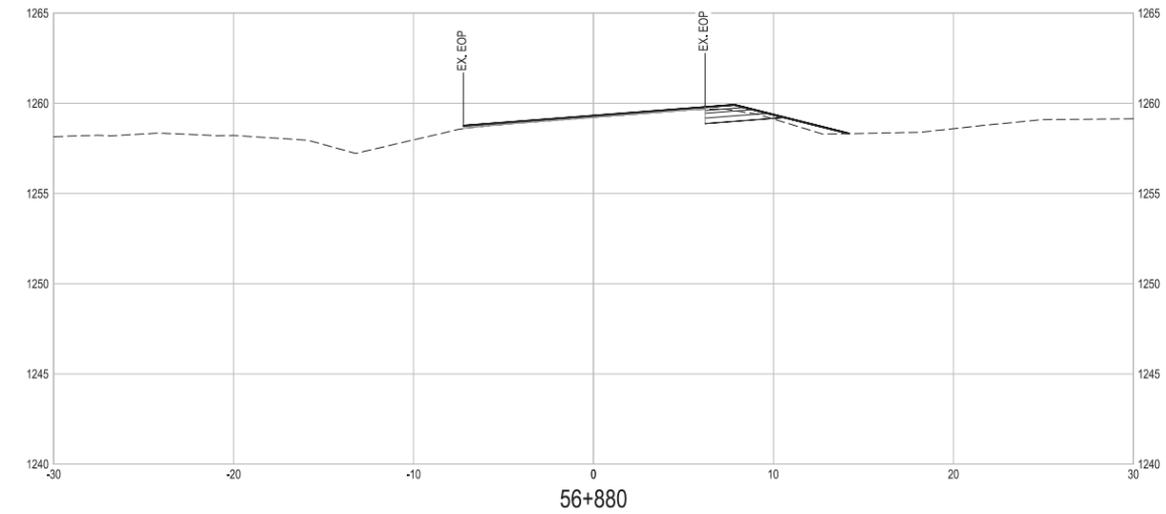
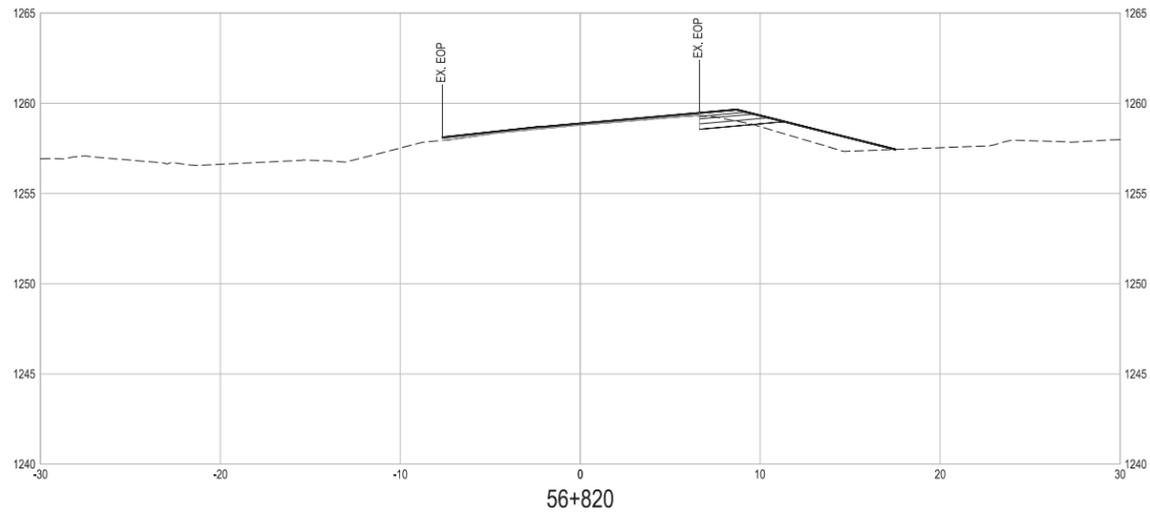
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		XS08
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:02:56
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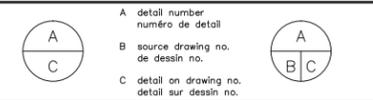
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				



Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 56+780 - 56+880

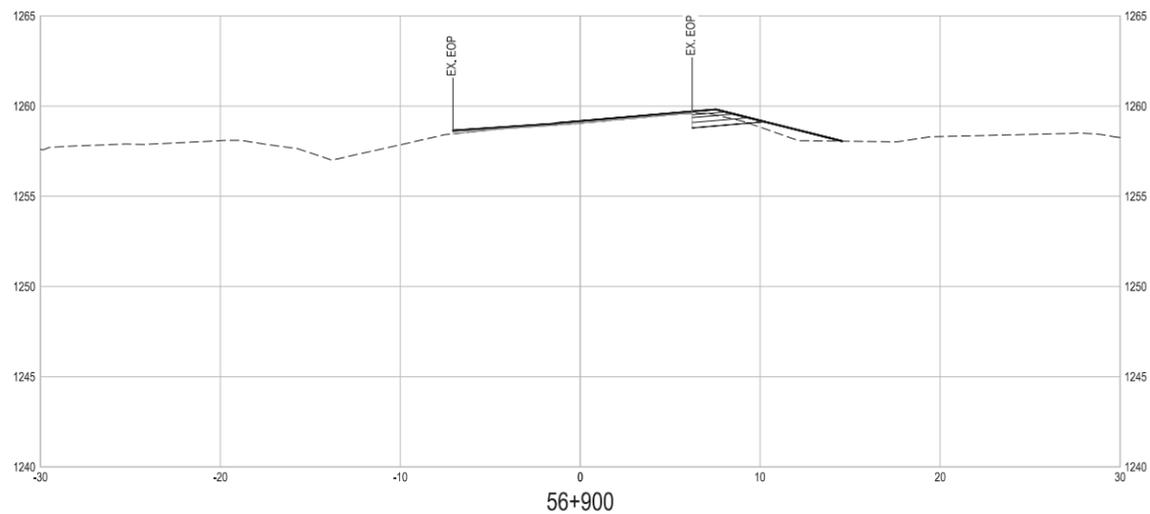
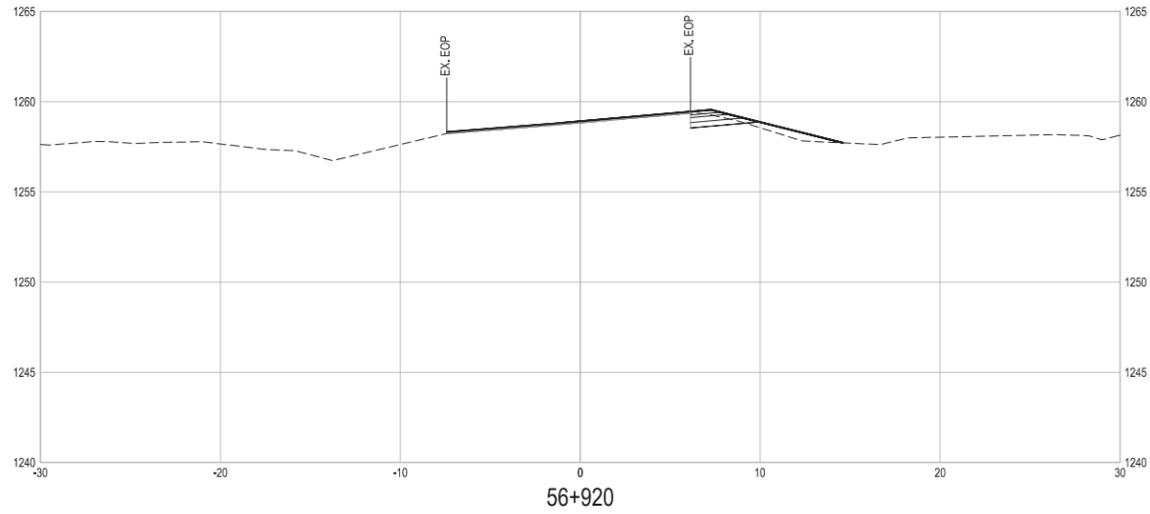
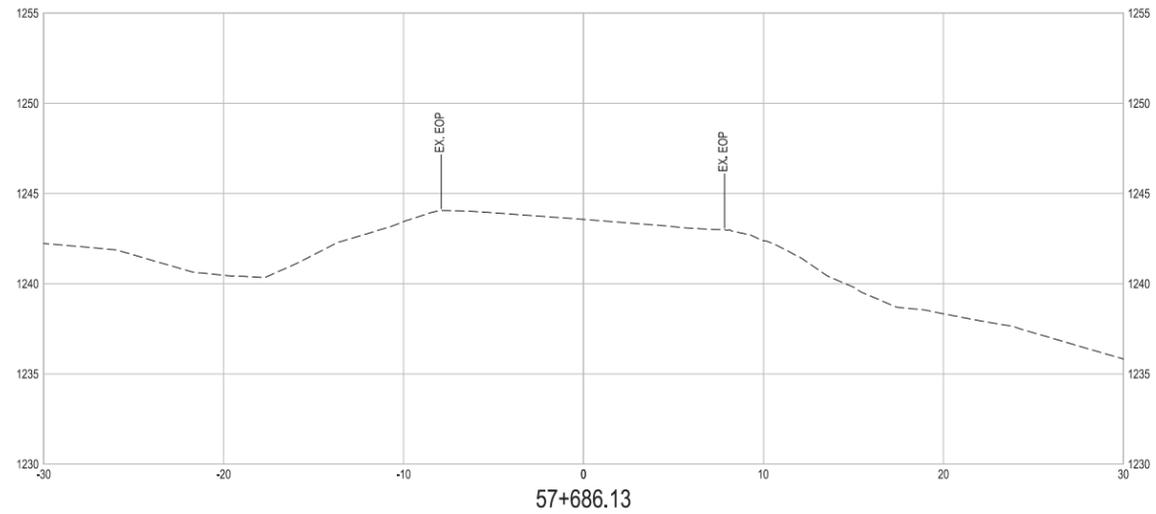
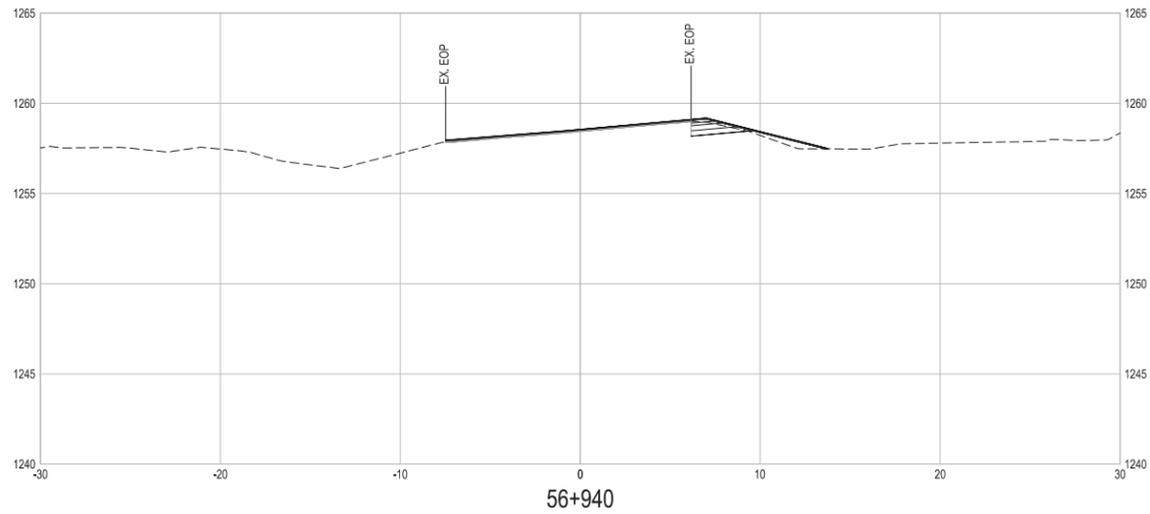
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		XS09
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2121-00202-00-C3		

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**FOR INFORMATION ONLY
NOT FOR CONSTRUCTION**

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	A detail number numéro de détail
B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 56+900 - 57+686.13

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

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

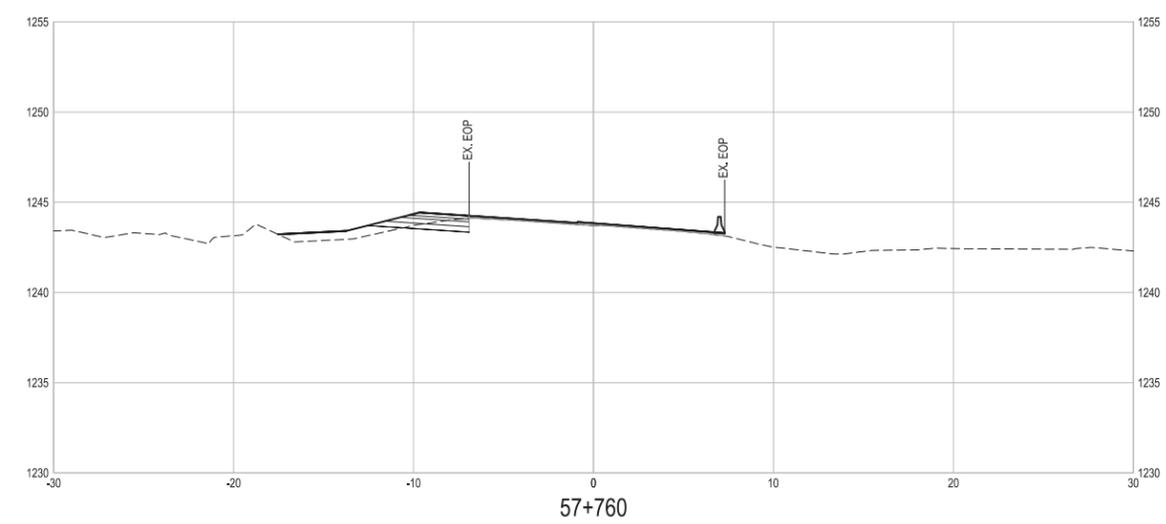
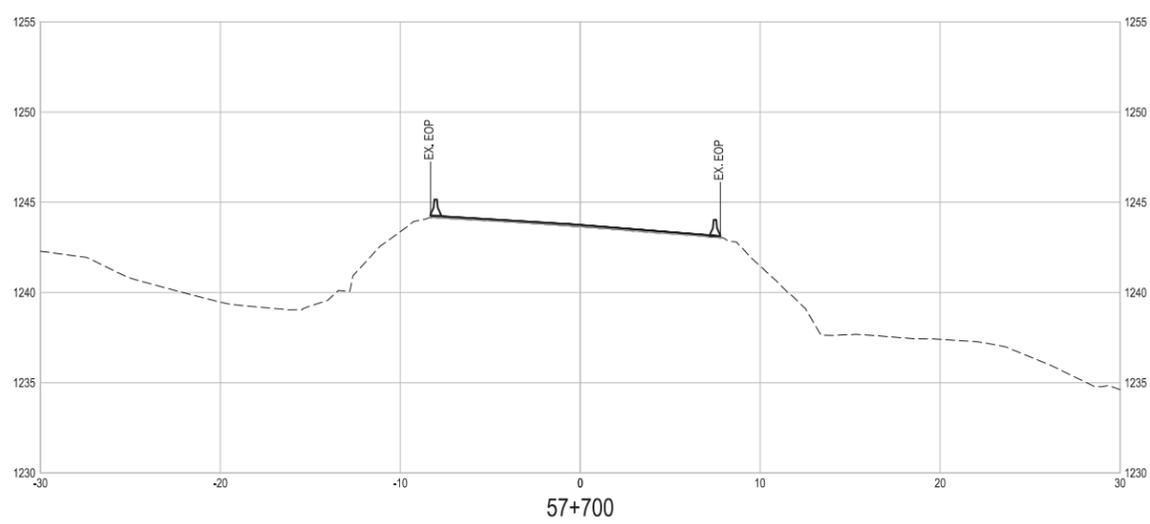
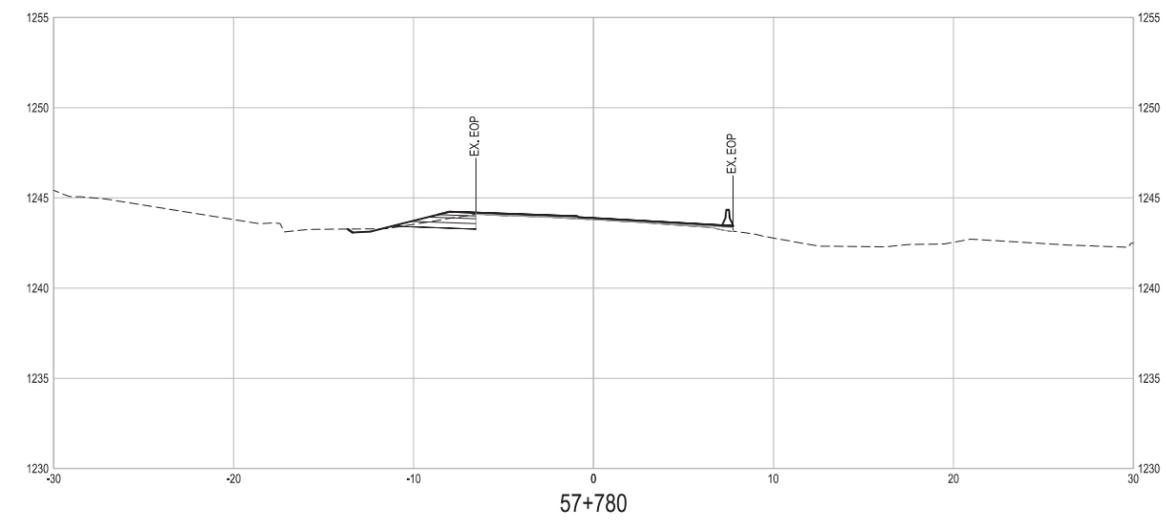
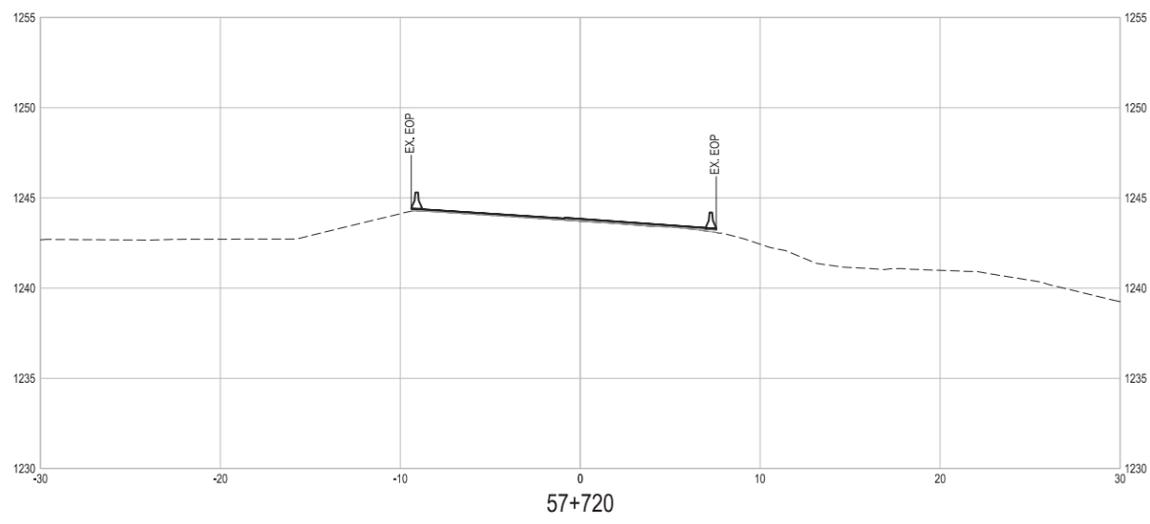
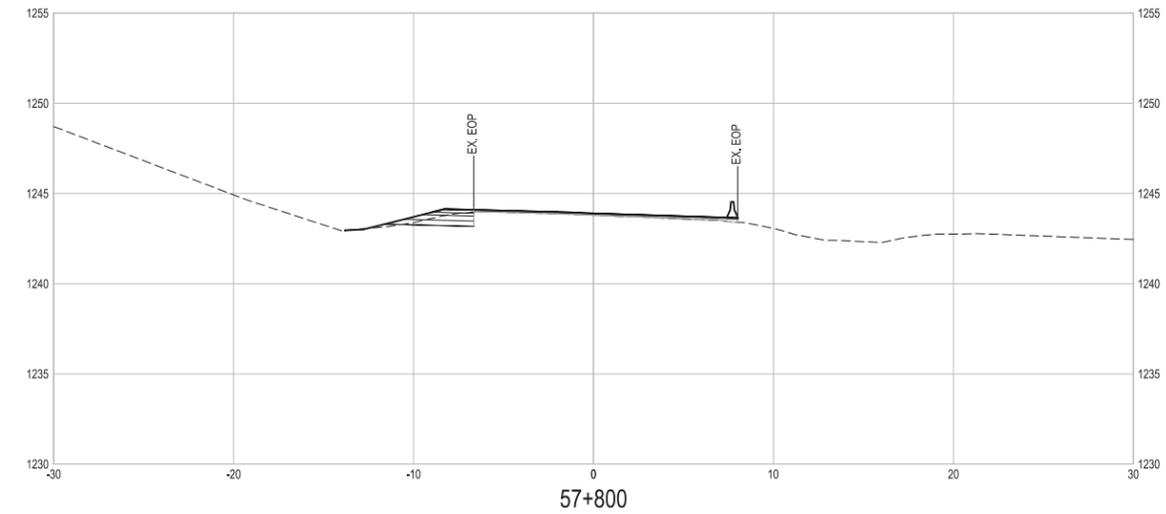
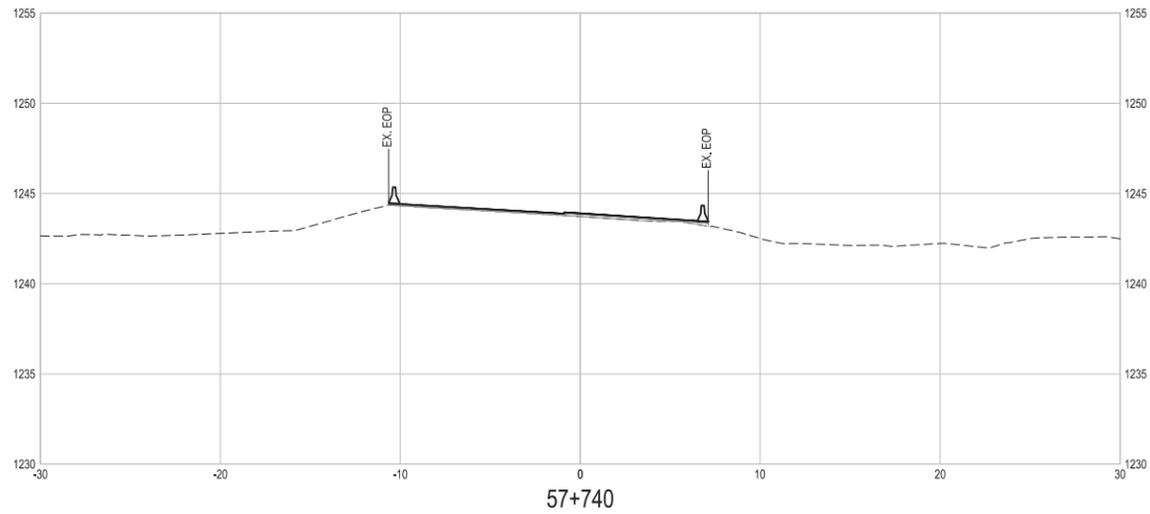
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201536A		XS10

Drawing Reference No./No. de référence du dessin

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of 32

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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
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B	source drawing no. de dessin no.
C	detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 57+700 - 57+800

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS11
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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FOR INFORMATION ONLY
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
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B		source drawing no. de dessin no.		
C		detail on drawing no. détail sur dessin no.		

 A detail number numéro de détail	 A B C source drawing no. de dessin no. detail on drawing no. détail sur dessin no.
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
---	------------------------------------

Client/client

 Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil



Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 57+820 - 57+920

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

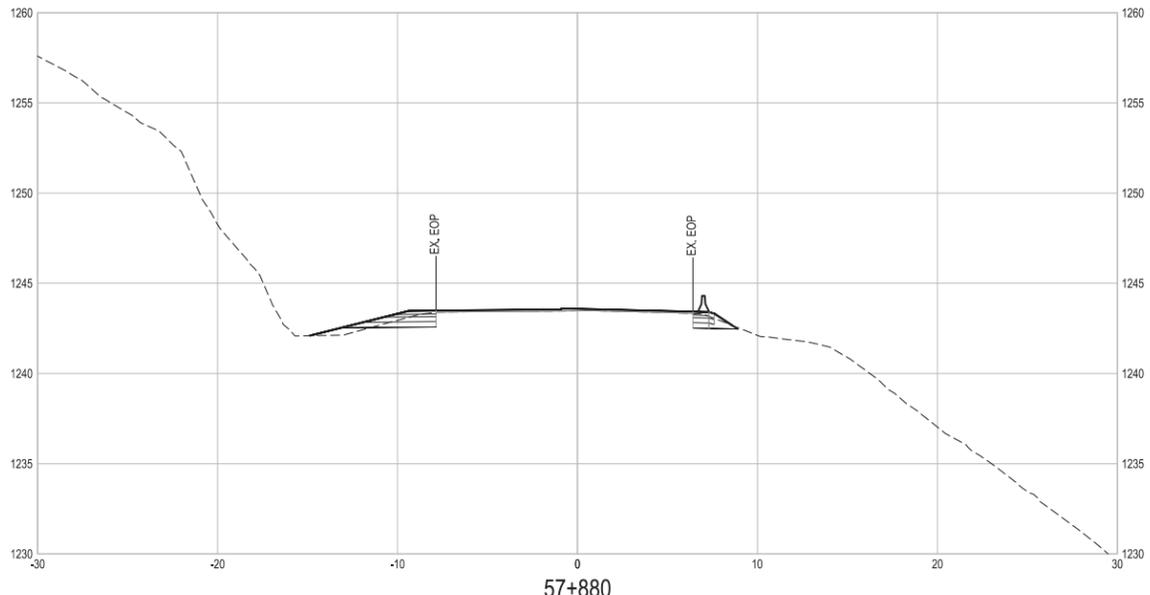
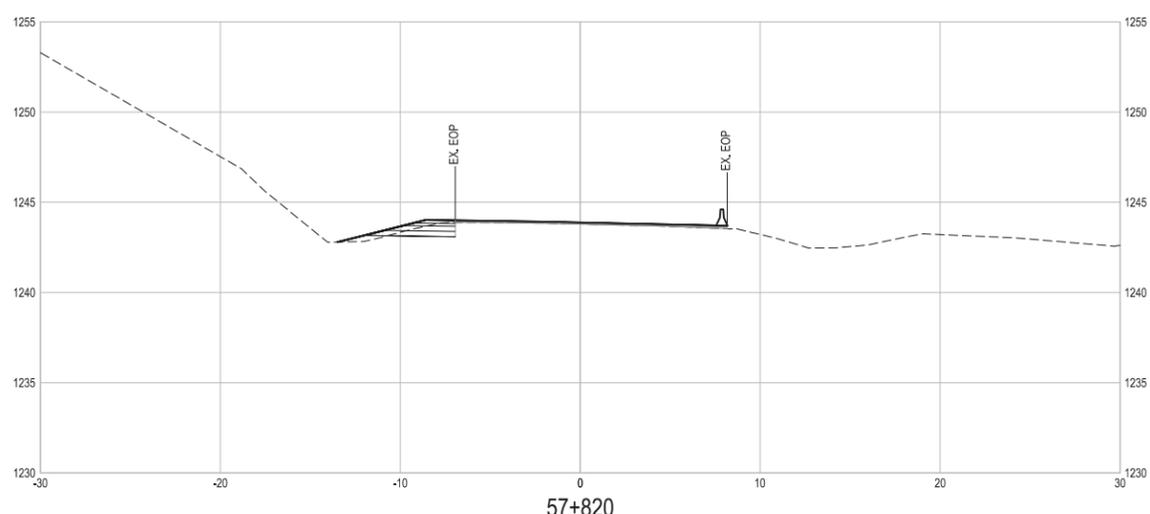
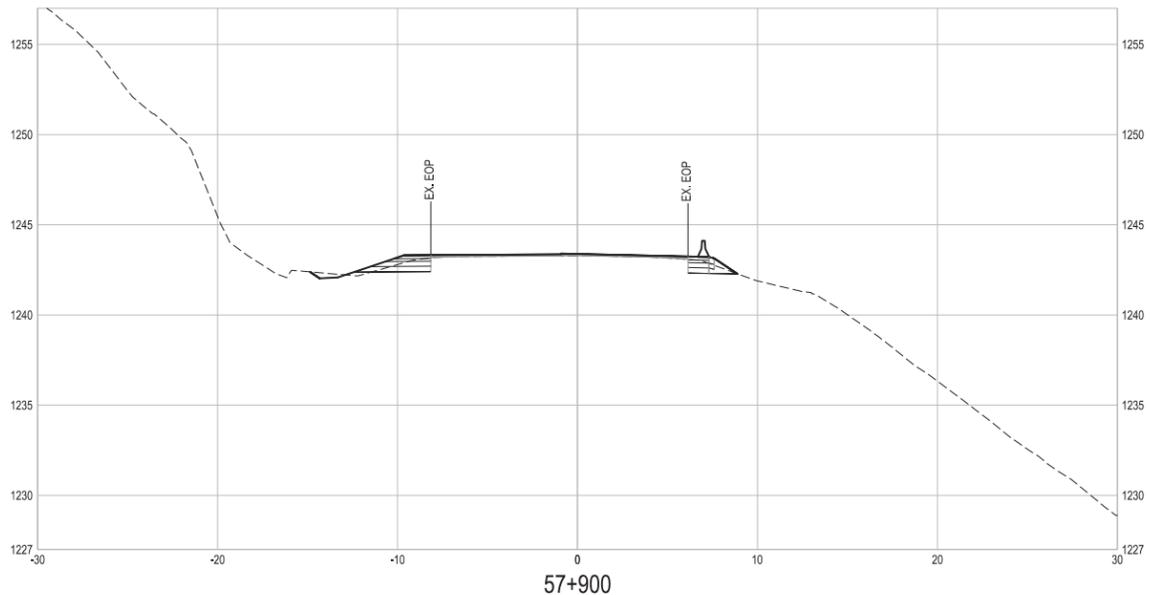
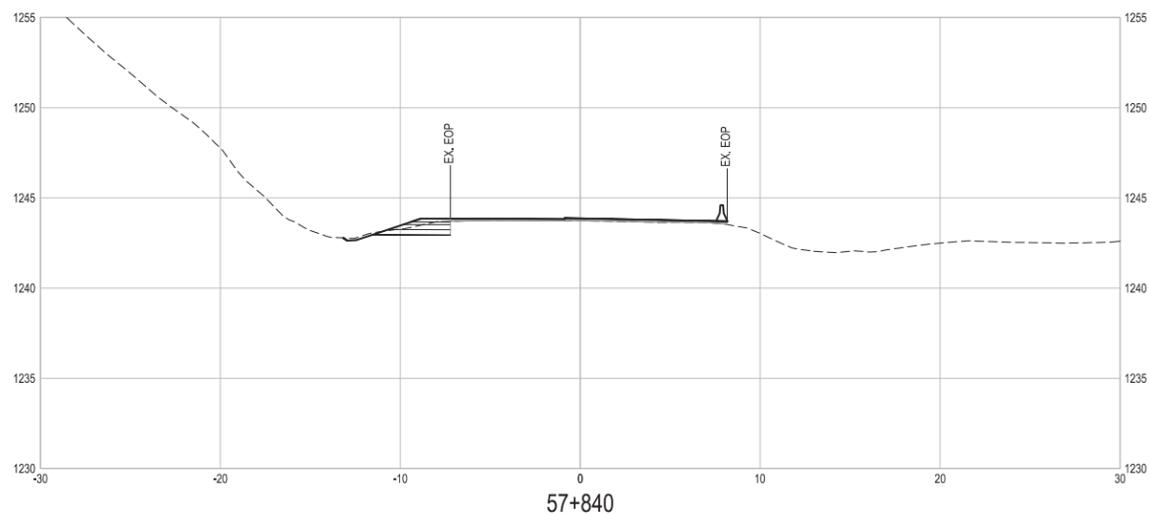
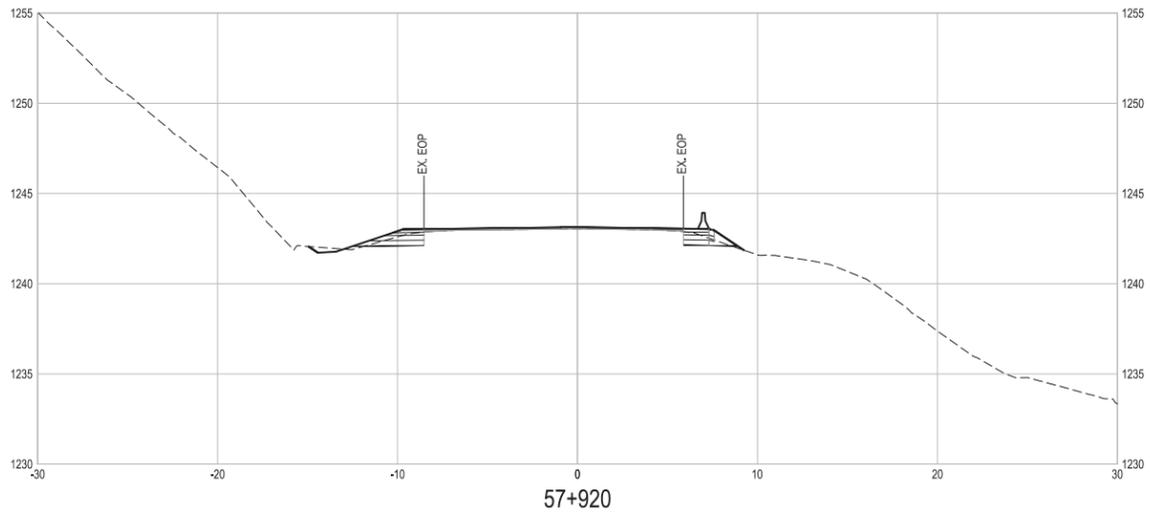
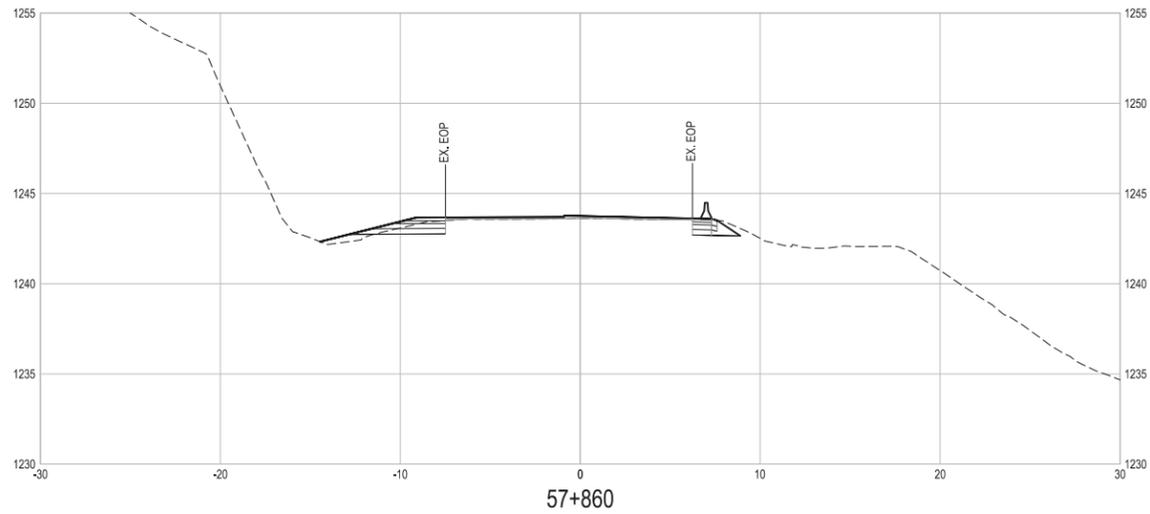
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agencé Responsable Parcs Canada

Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		XS12

Drawing Reference No./No. de référence du dessin	of 32
2121-00202-00-C3	



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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A		detail number numéro de détail		
B		source drawing no. de dessin no.		
C		detail on drawing no. détail sur dessin no.		



A detail number
numéro de détail

B source drawing no.
de dessin no.

C detail on drawing no.
détail sur dessin no.



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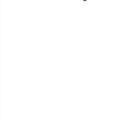
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C

Consultant's Stamp
Sceau de l'expert-conseil



Eng. Stamp
Sceau de l'ingénieur



Client/client

	Parks Canada Agence Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	--	---

Consultant's Name
Nom de l'expert-conseil



Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 57+940 - 58+040

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

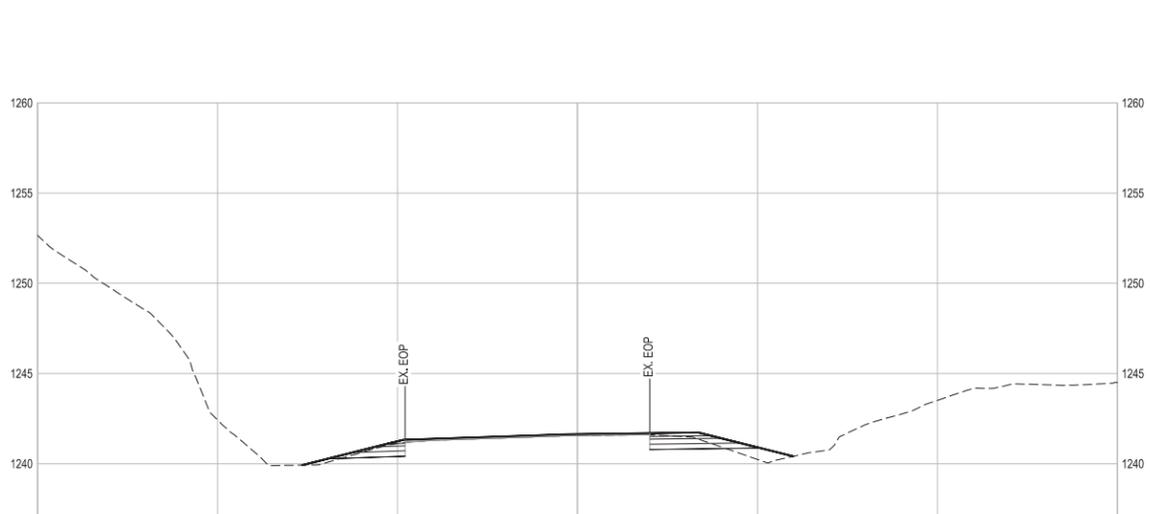
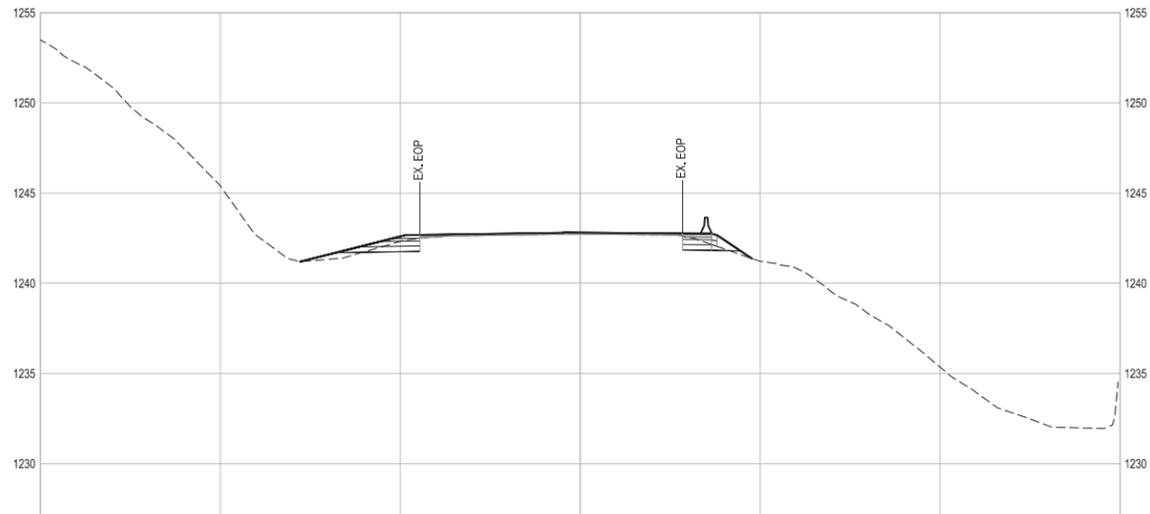
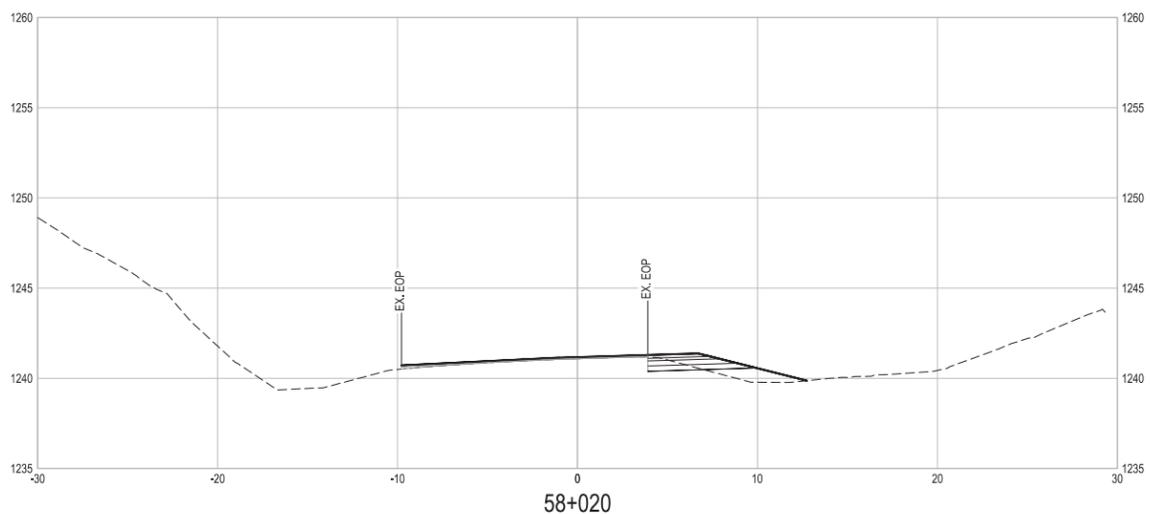
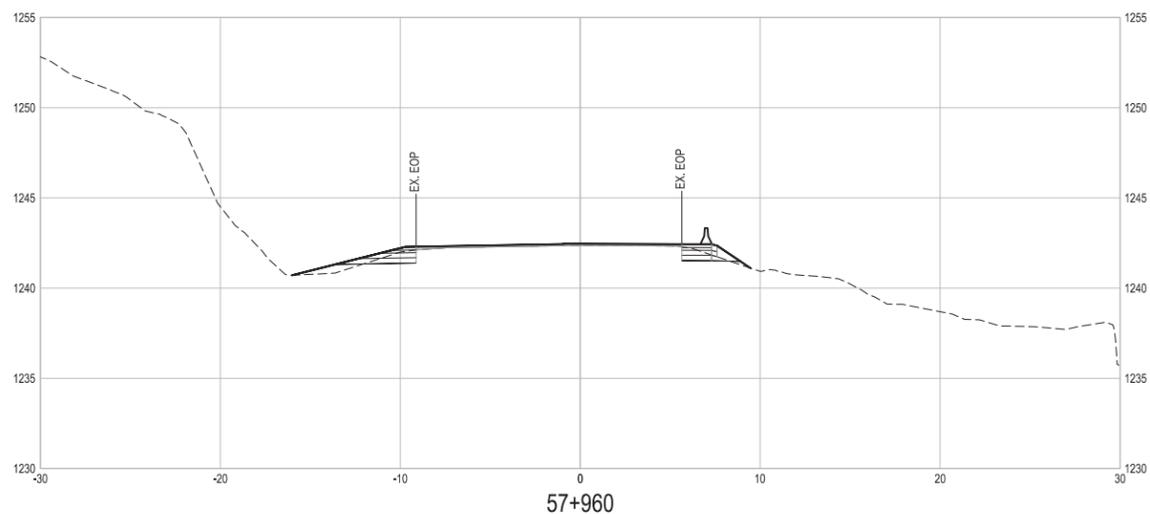
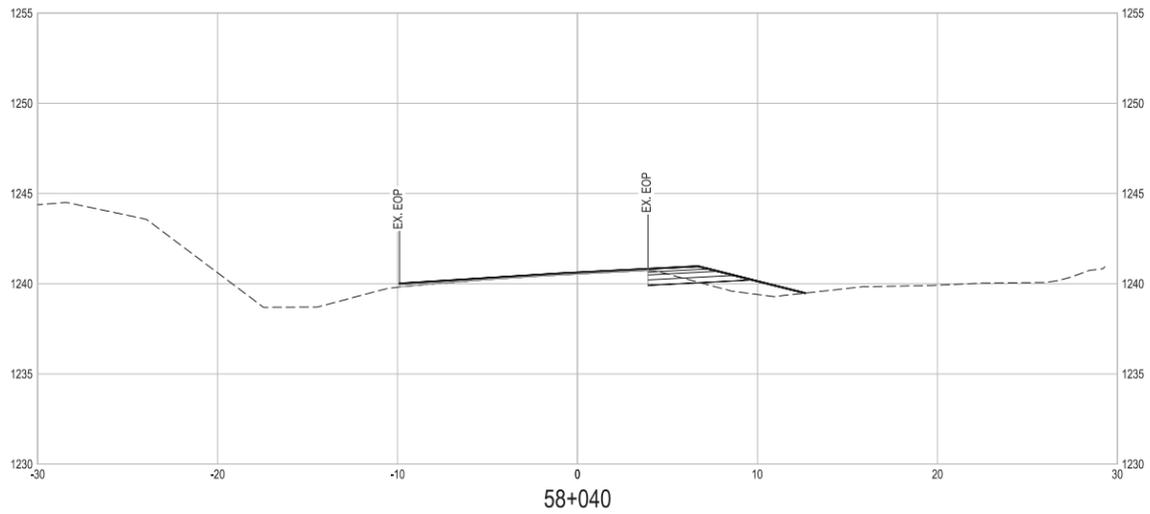
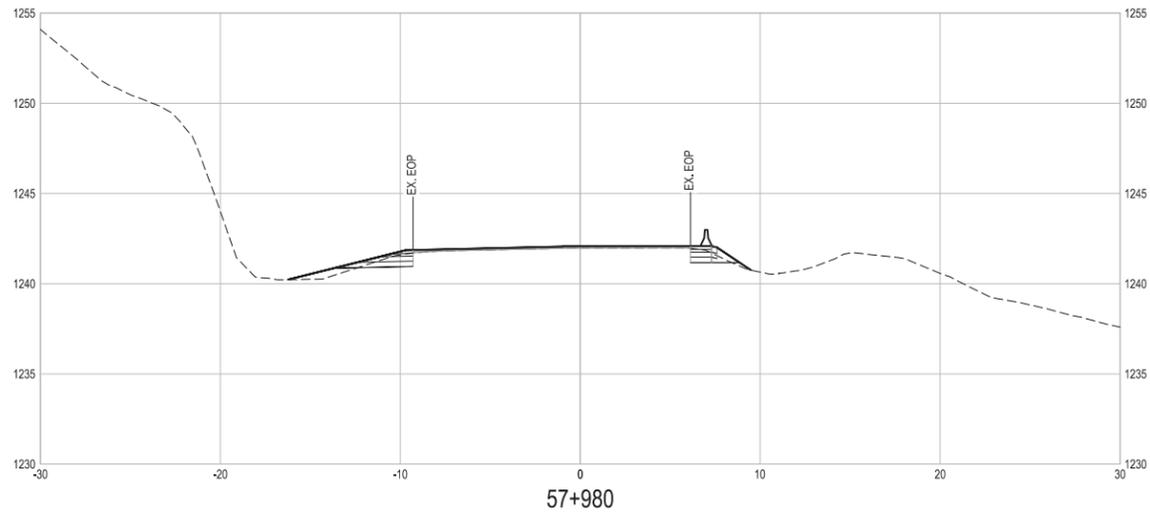
Parks Canada Responsible Officer/Agencé Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS13

Drawing Reference No./No. de référence du dessin

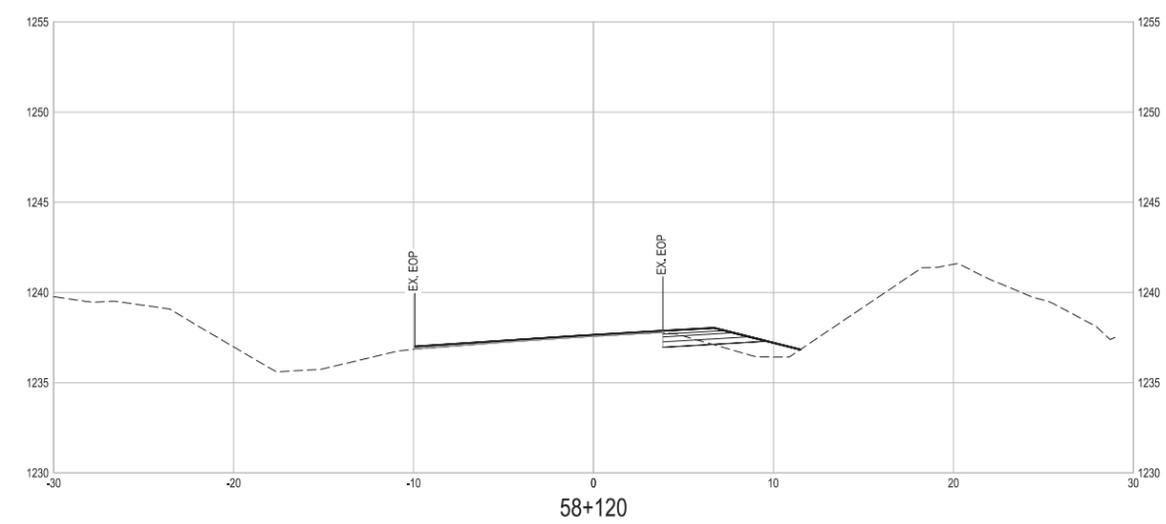
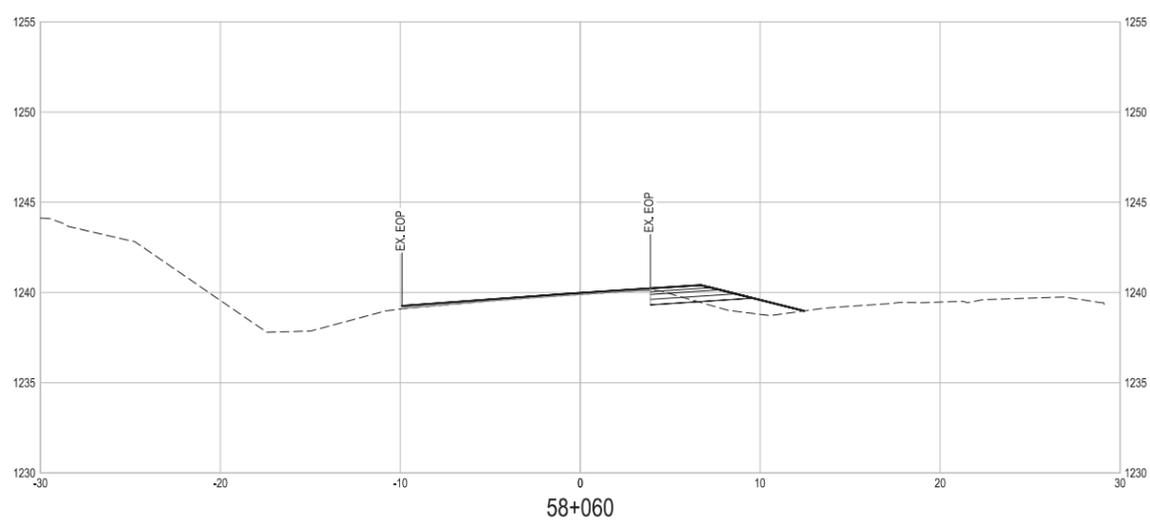
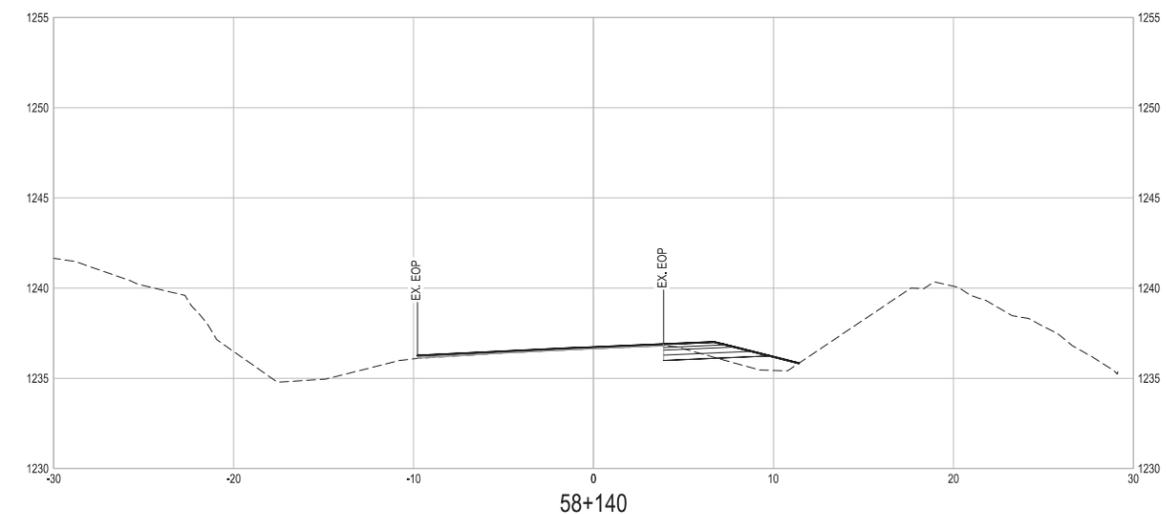
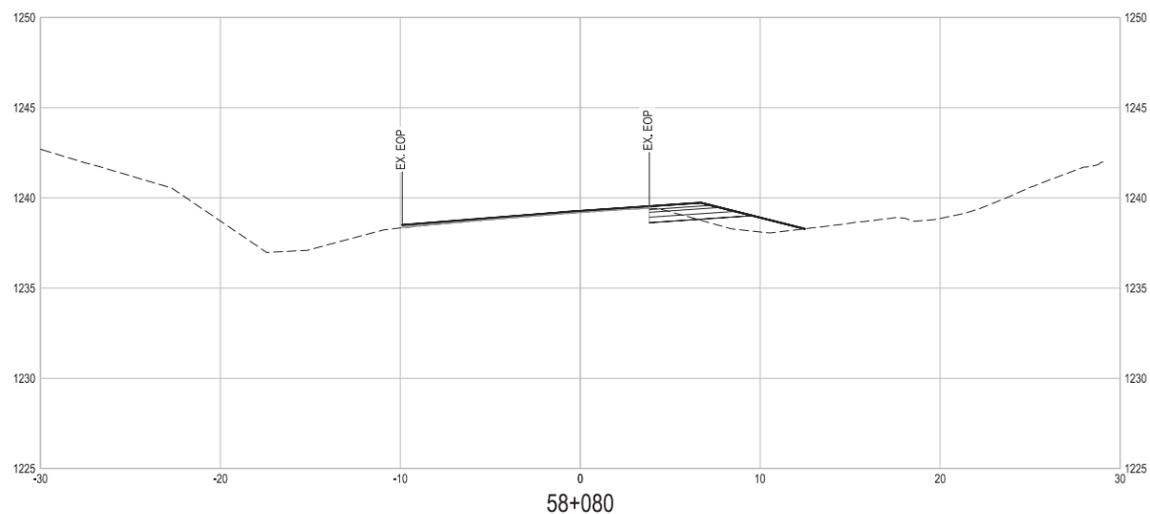
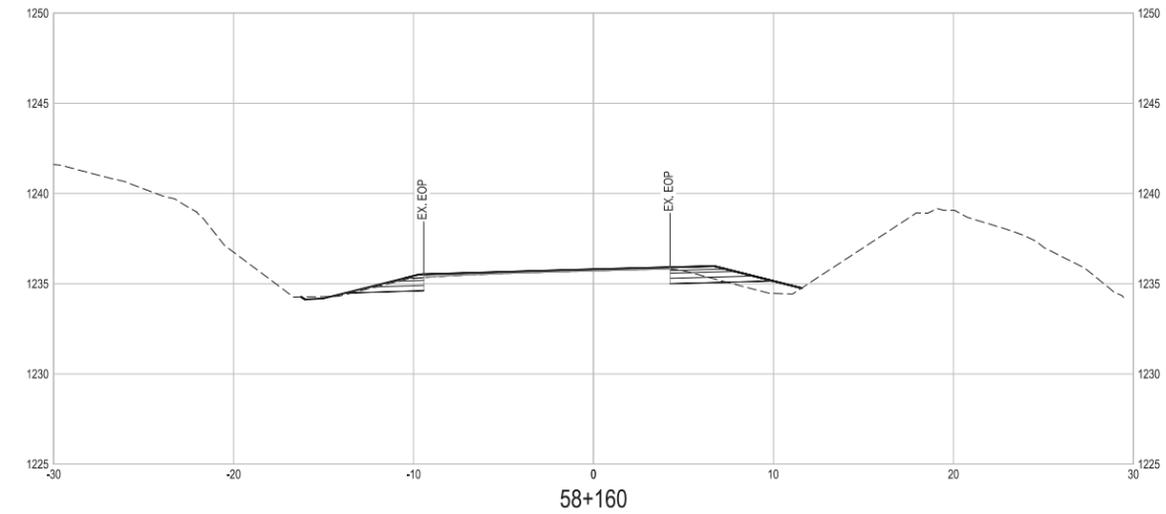
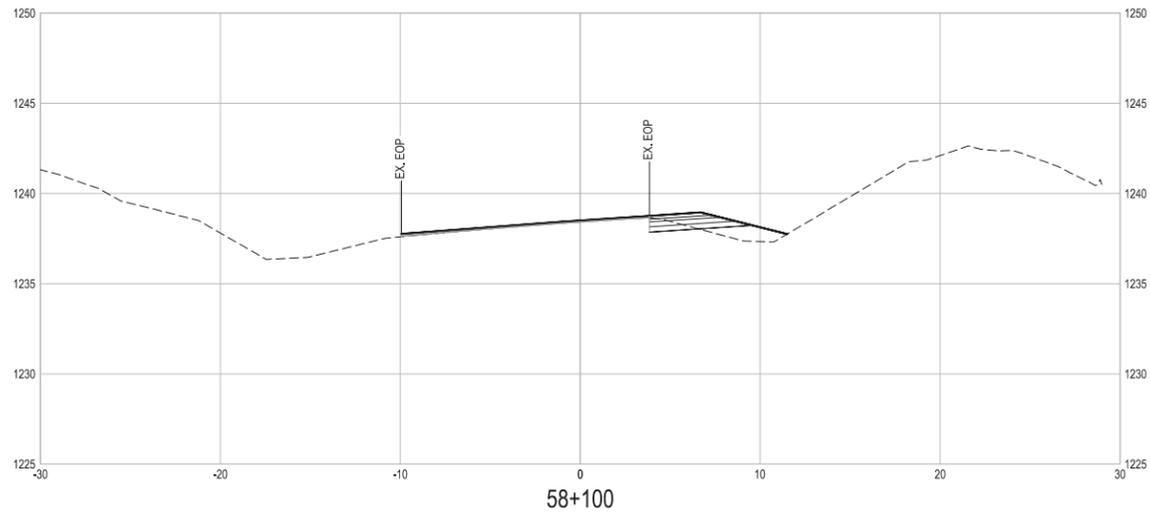
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of 32



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FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	A detail number numéro de détail
B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client
 Parks Canada
 Agency
 Western and Northern Region

L'Agence Parcs
 Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil
McElhanney

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**CROSS SECTIONS
 CLIMBING LANE**
STA 58+060 - 58+160

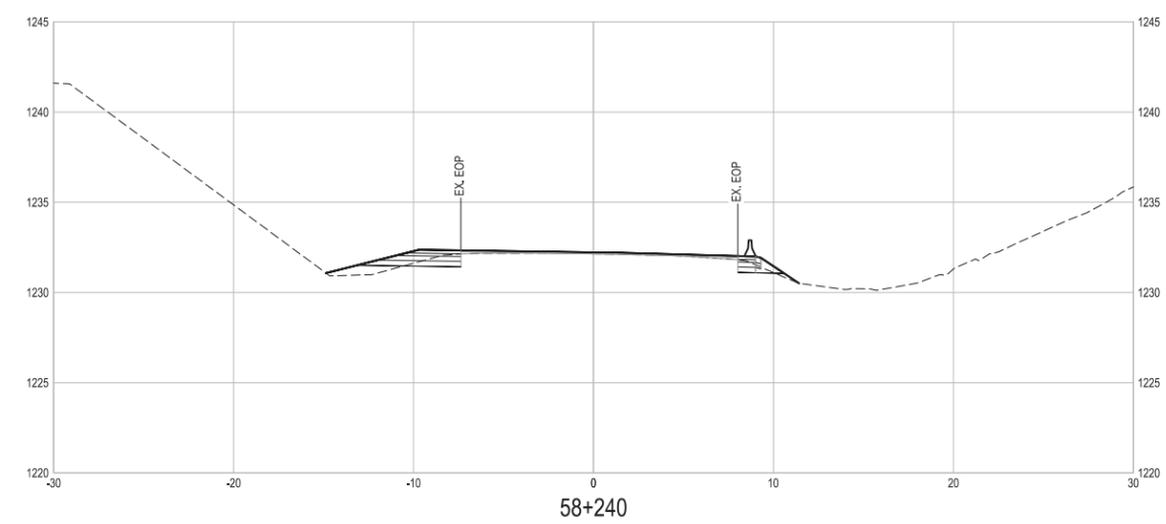
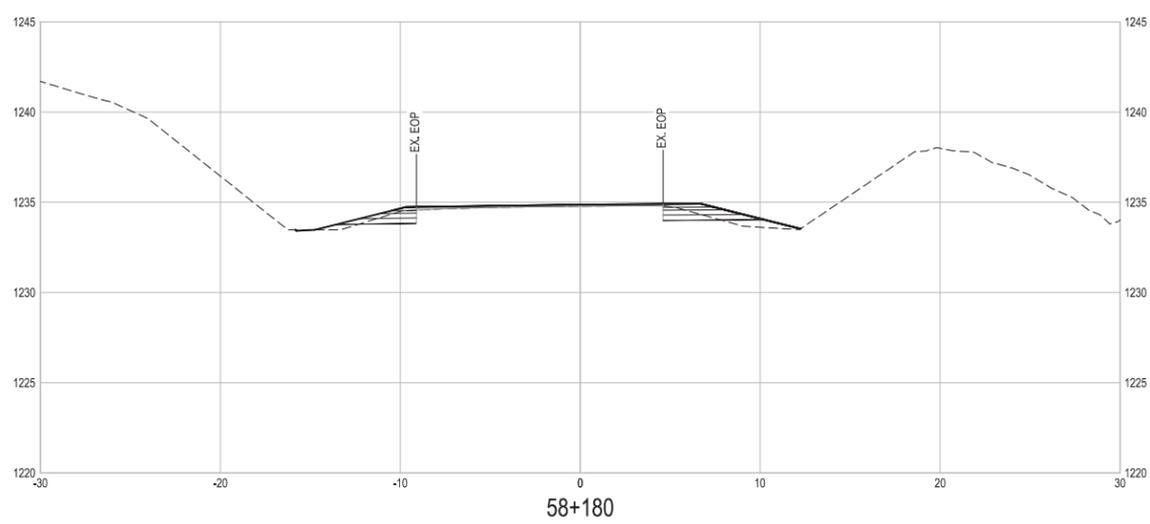
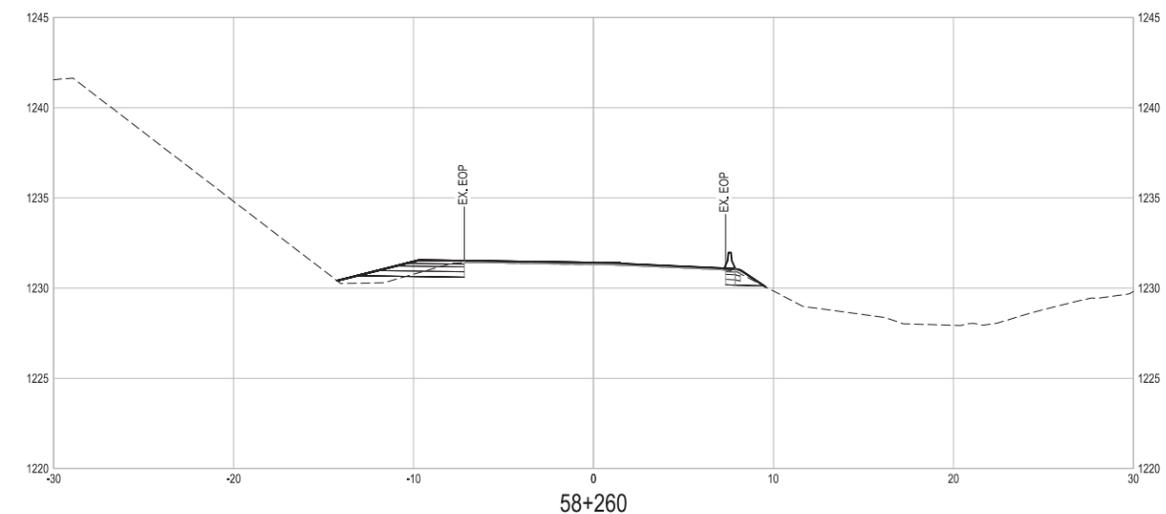
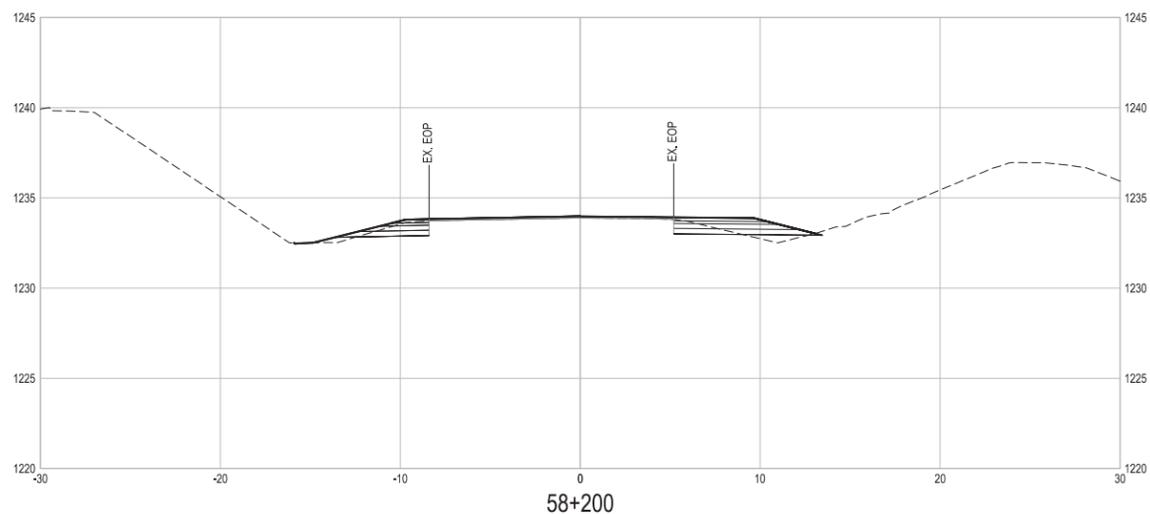
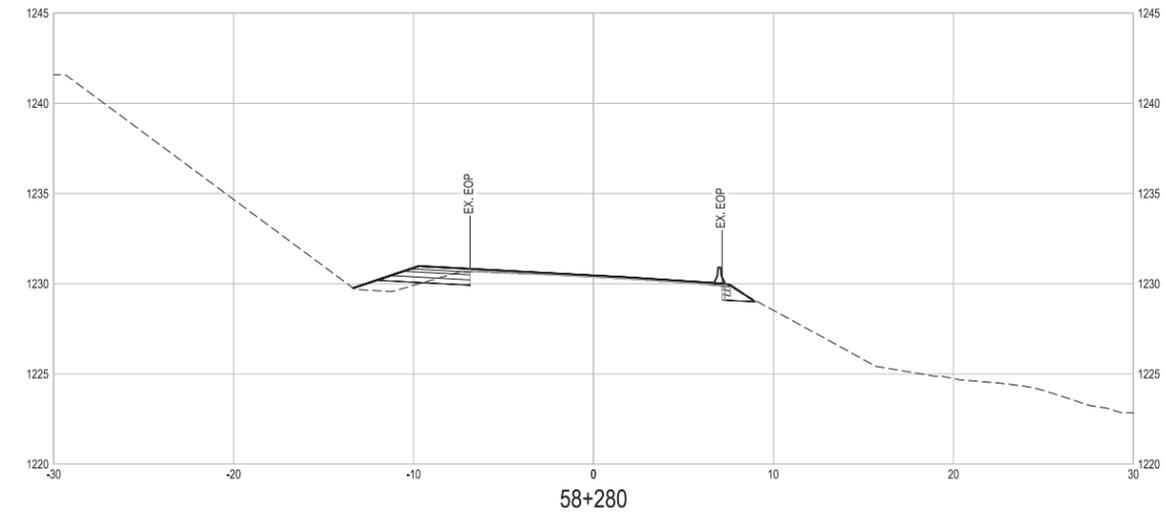
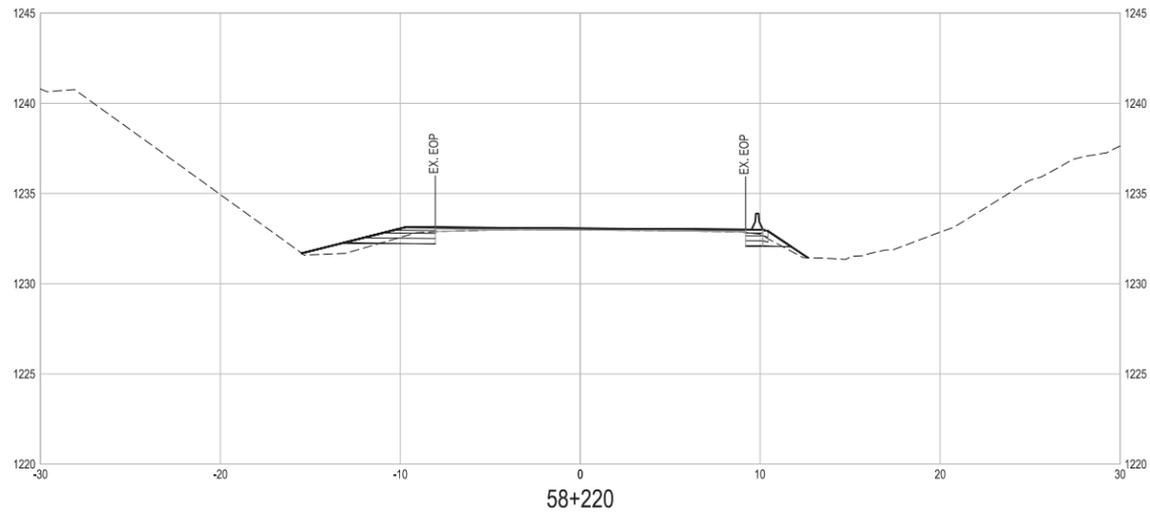
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Designed by/Concept par CG / JV	Reviewed by/Revisé par SF	Scale/Echelle 1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet 201536A	Asset No./No. du bien -	Sheet No./ No. de la feuille XS14
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		of 32

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NOT FOR CONSTRUCTION

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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
B	source drawing no. / de dessin no.
C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 58+180 - 58+280

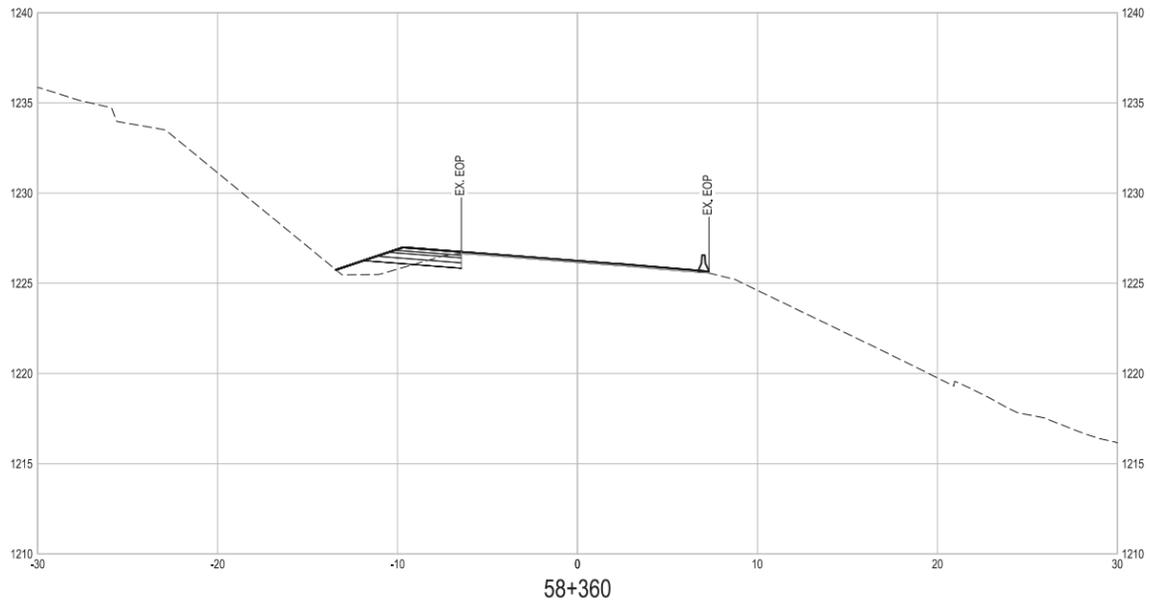
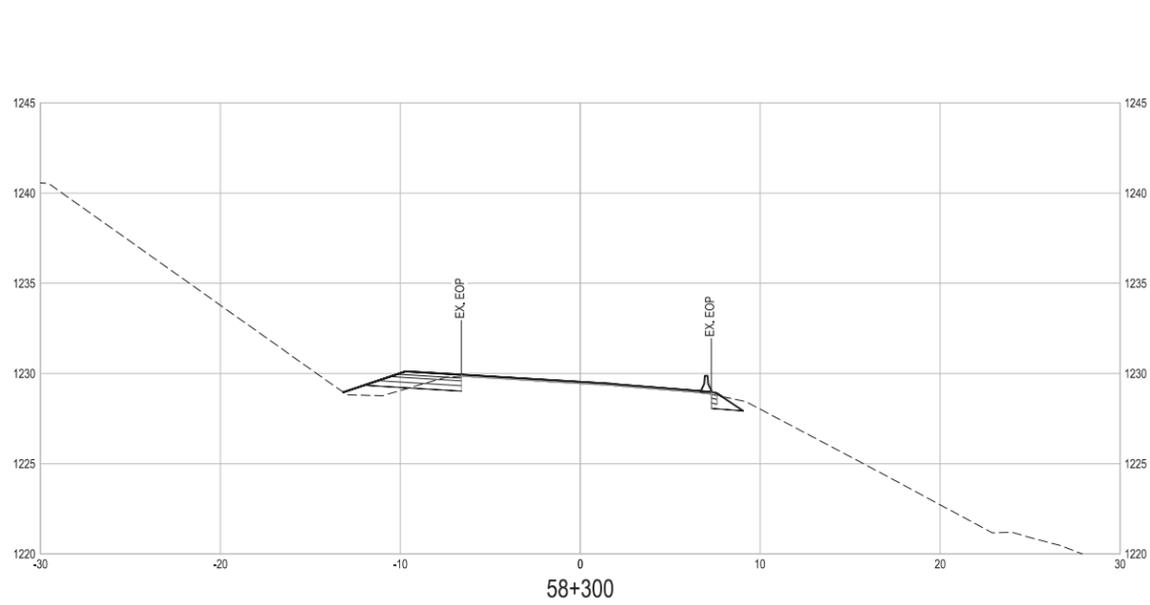
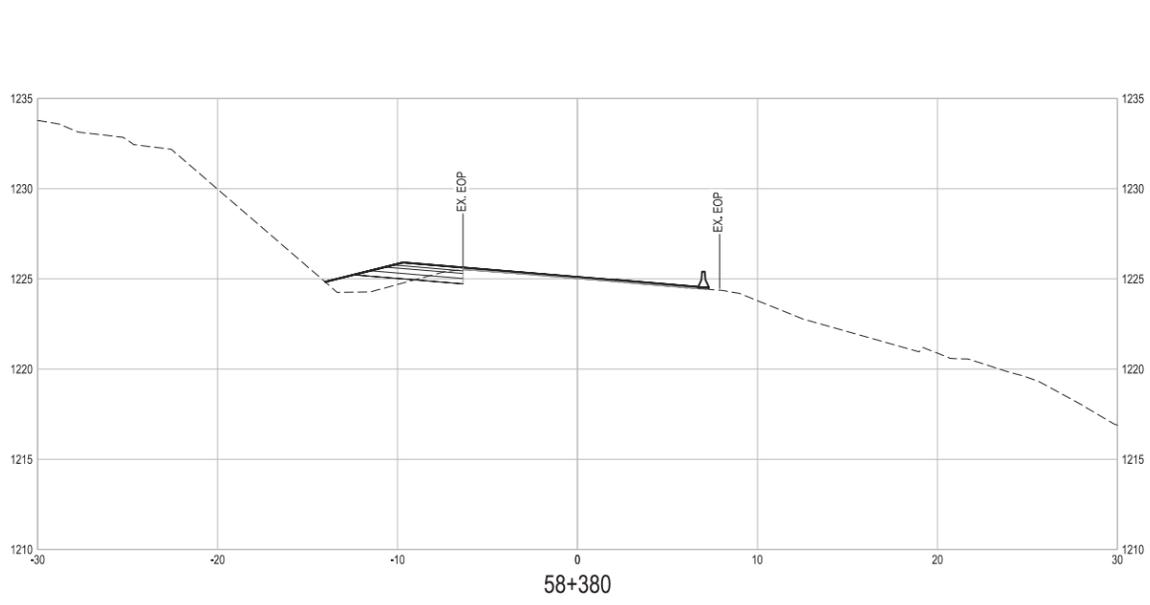
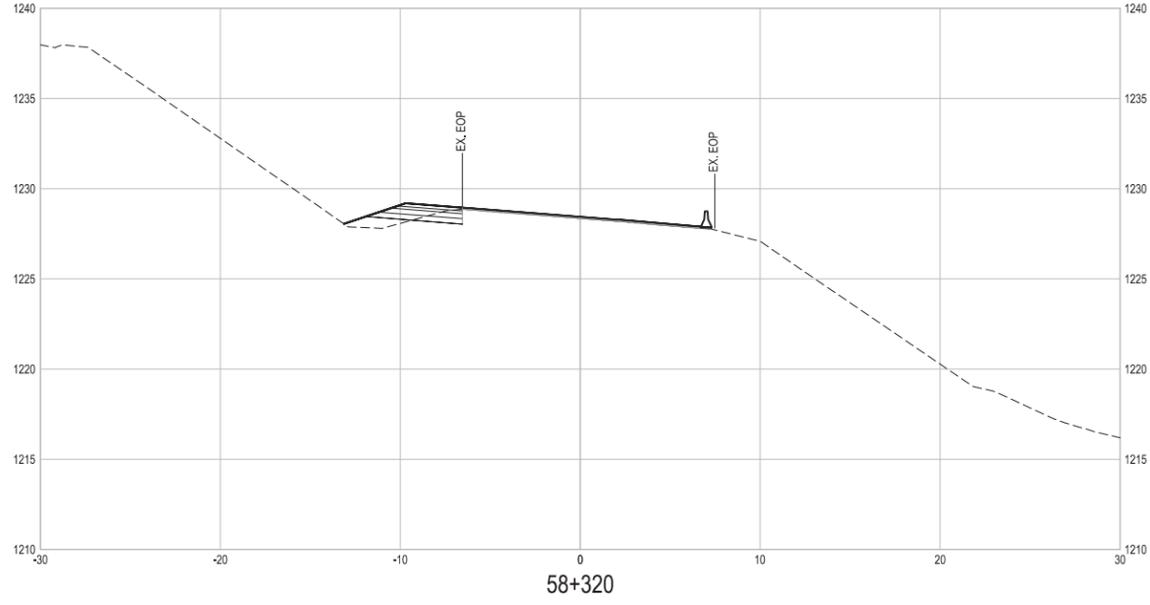
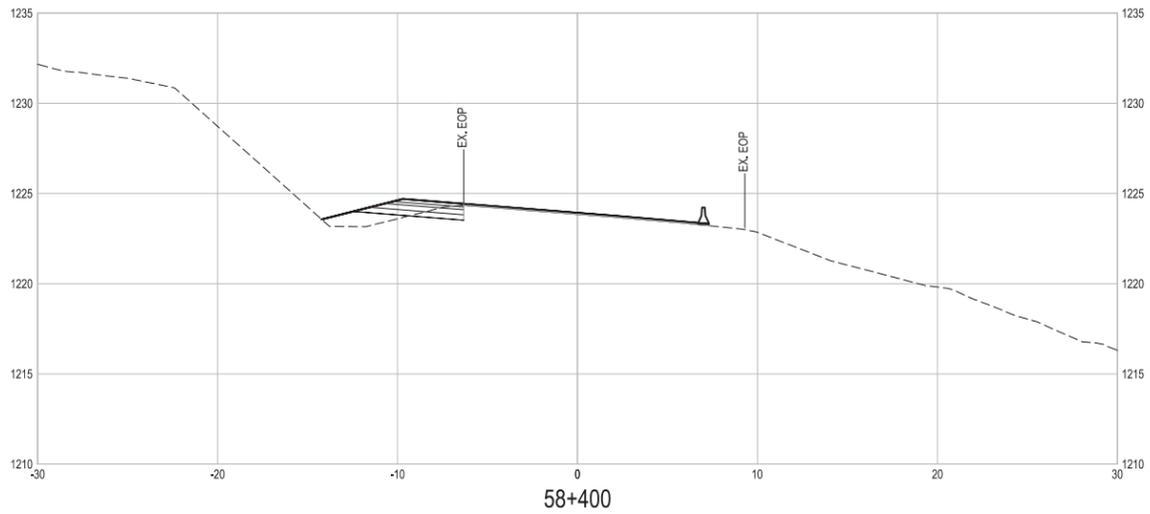
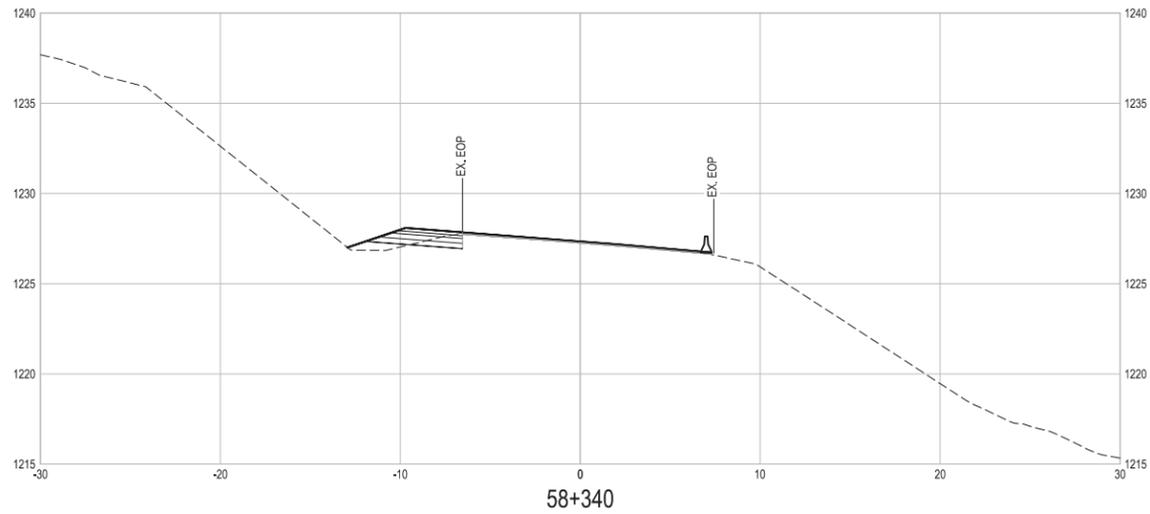
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
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Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS15
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:06:30
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
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B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
---	------------------------------------

Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 58+300 - 58+400

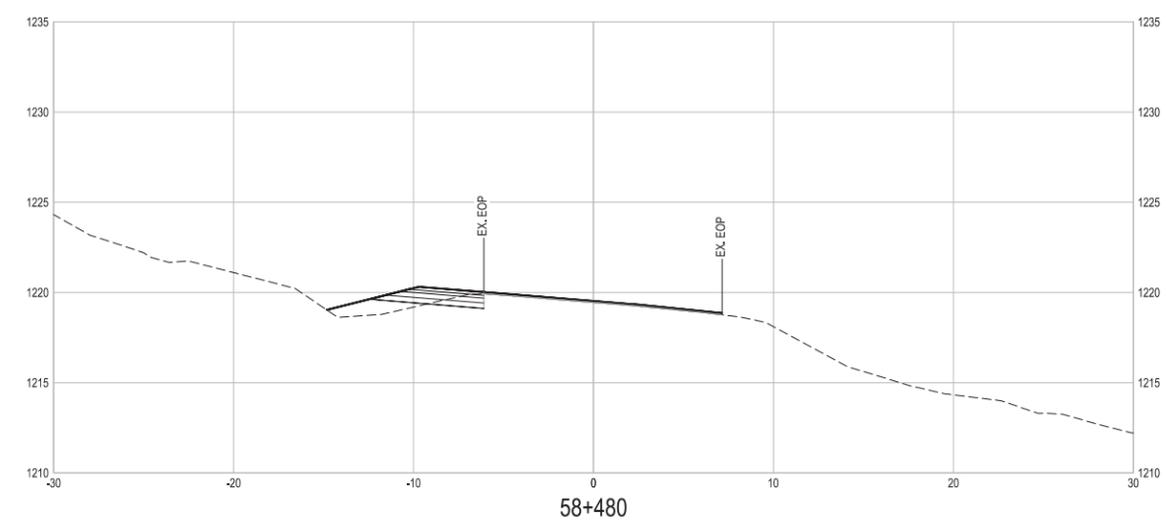
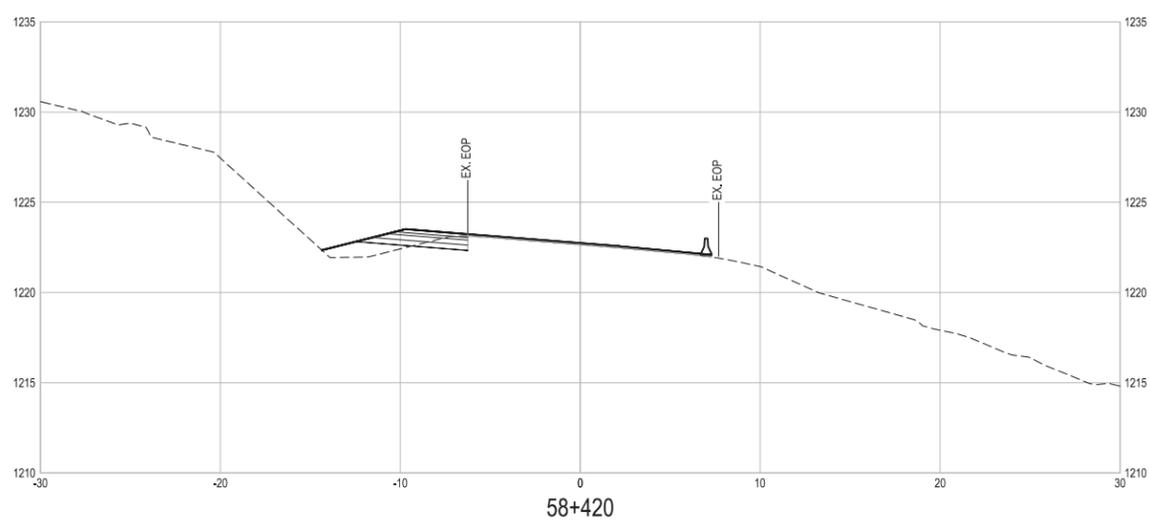
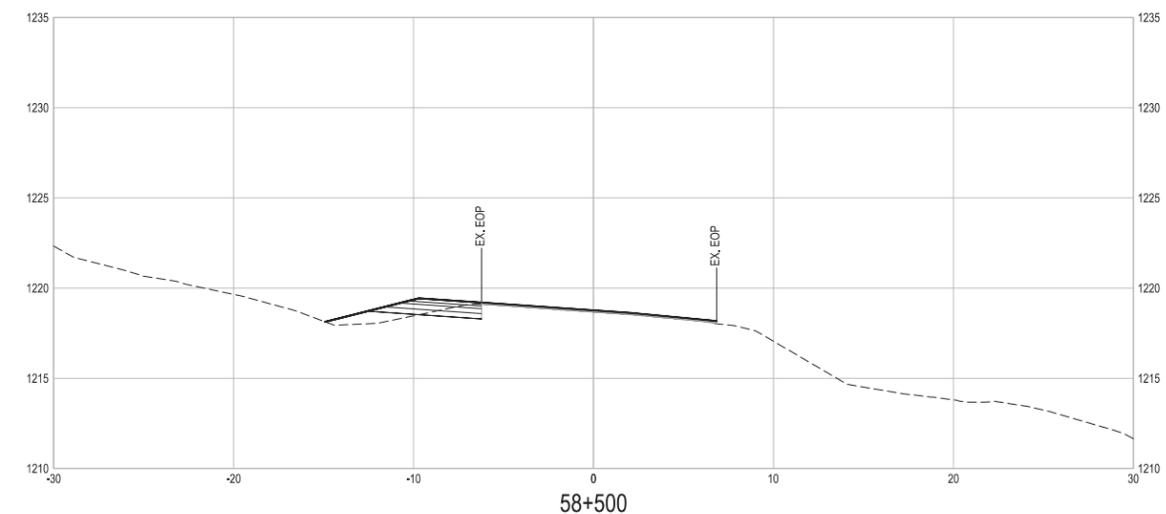
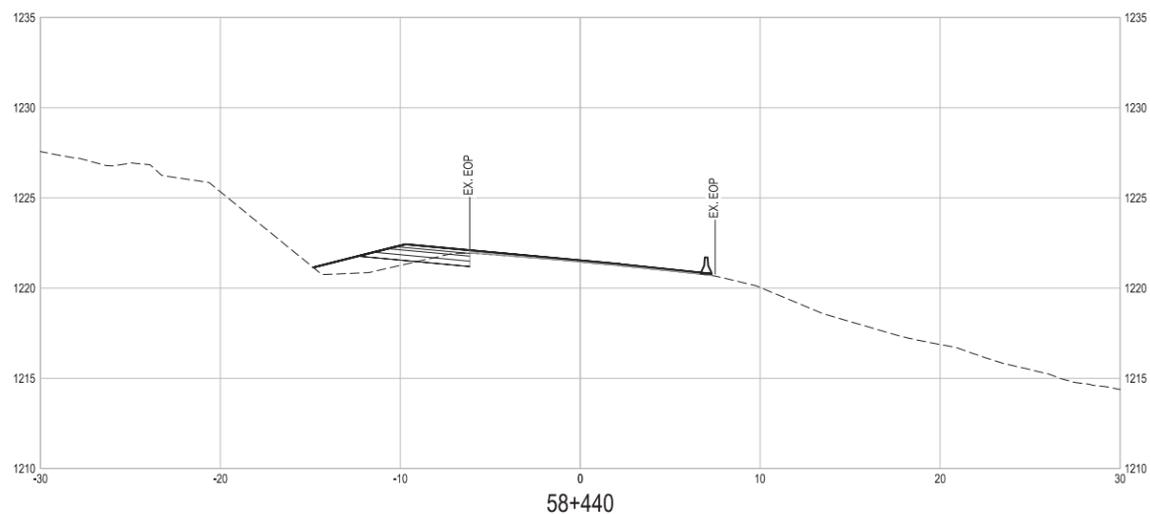
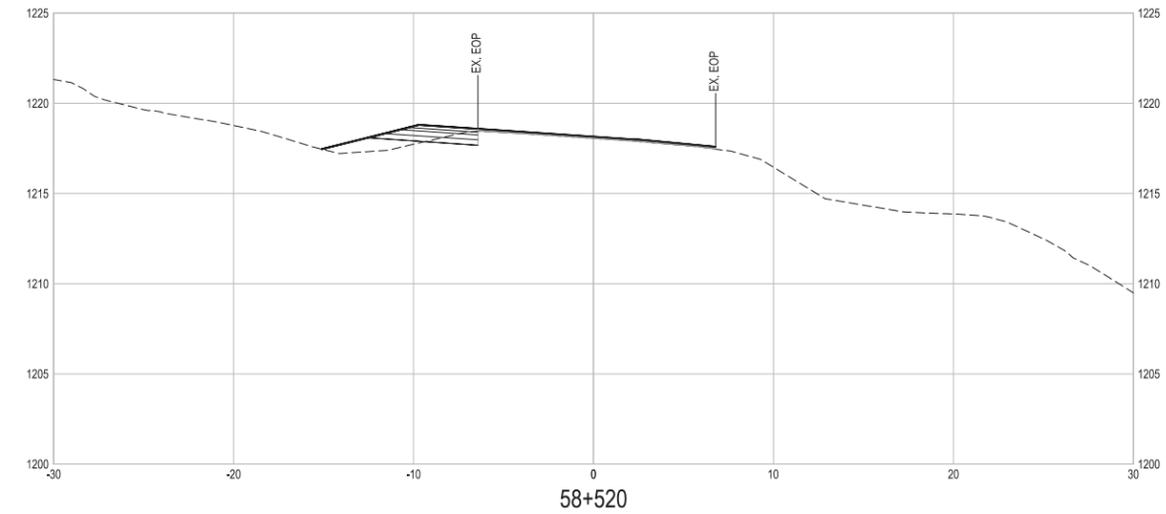
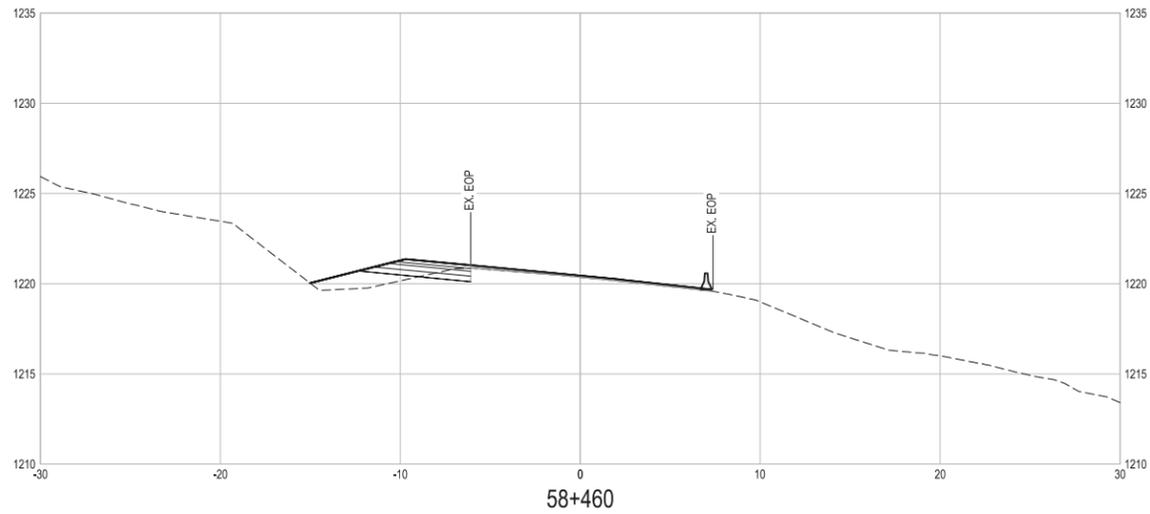
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS16
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:06:56
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				

A detail number
numéro de détail

B source drawing no.
de dessin no.

C detail on drawing no.
détail sur dessin no.

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada
Agence
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 58+420 - 58+520

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Project No./No. du projet

Asset No./No. de bien

Sheet No./
No. de la feuille

201536A

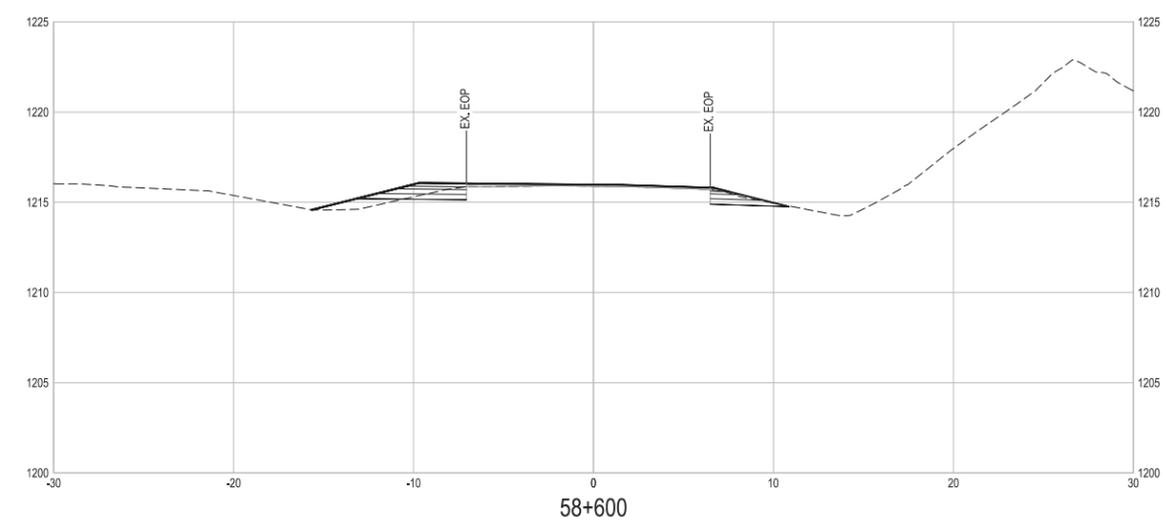
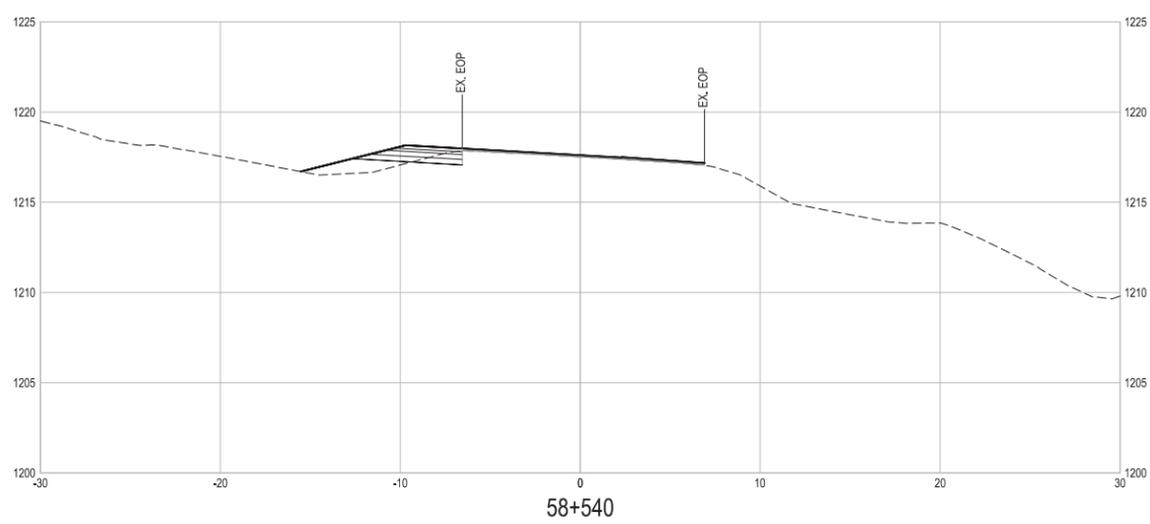
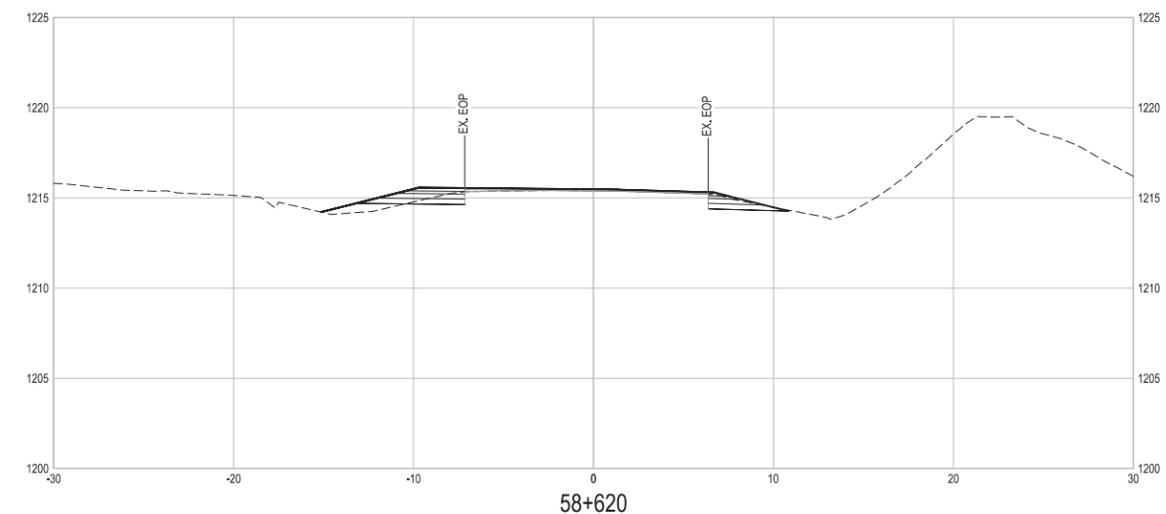
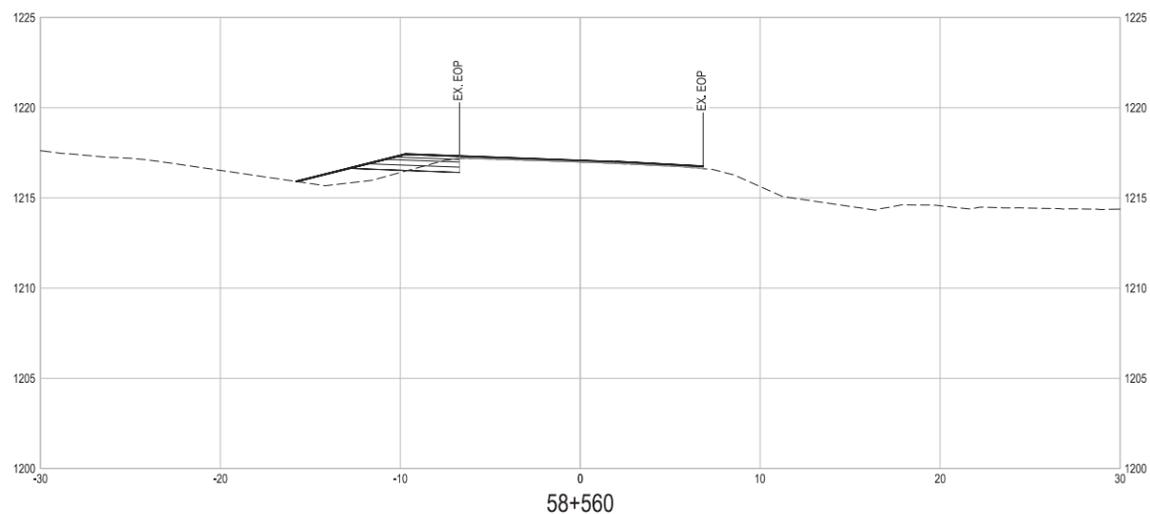
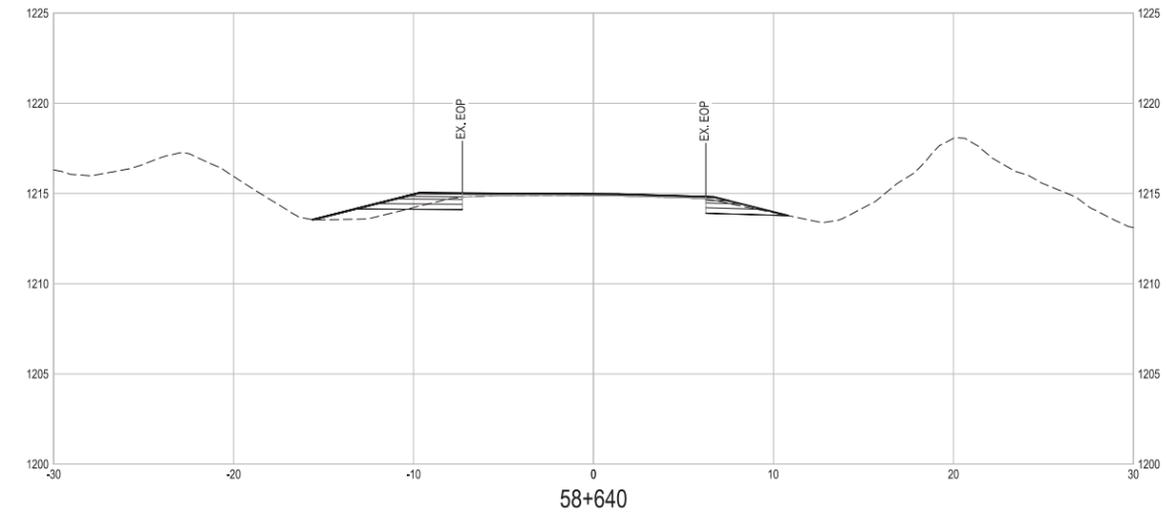
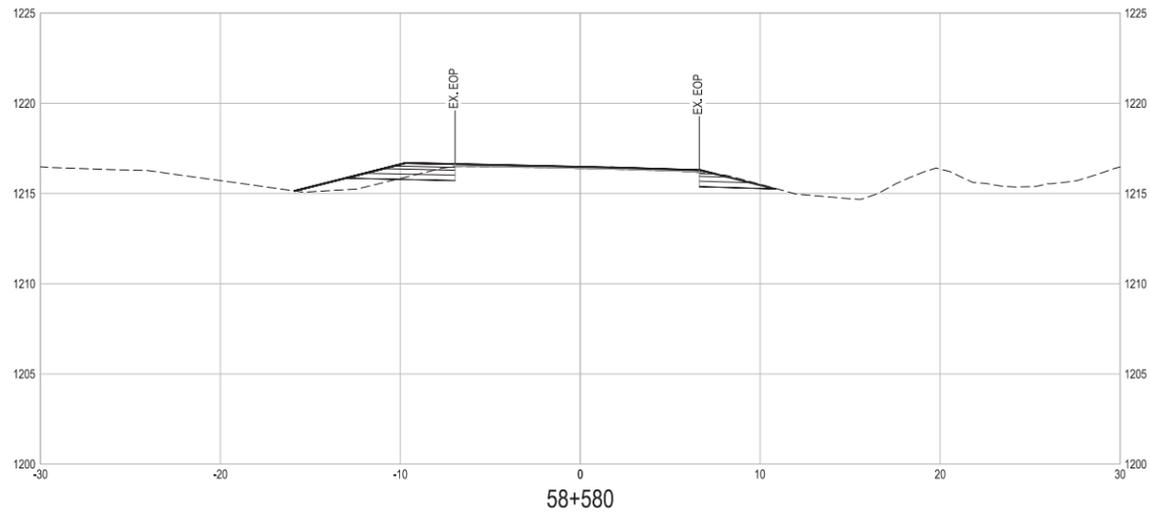
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Drawing Reference No./No. de référence du dessin

2121-00202-00-C3

of 32

Plotted: April 14, 2016, 10:07:27
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FOR INFORMATION ONLY
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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	A detail number / numéro de détail
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C	C detail on drawing no. / détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client
 Parks Canada / L'Agence Parcs Canada
 Agency / Agence
 Western and Northern Region / Ouest et Nord Région

Consultant's Name
 Nom de l'expert-conseil
McElhanney

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**CROSS SECTIONS
 CLIMBING LANE**
STA 58+540 - 58+640

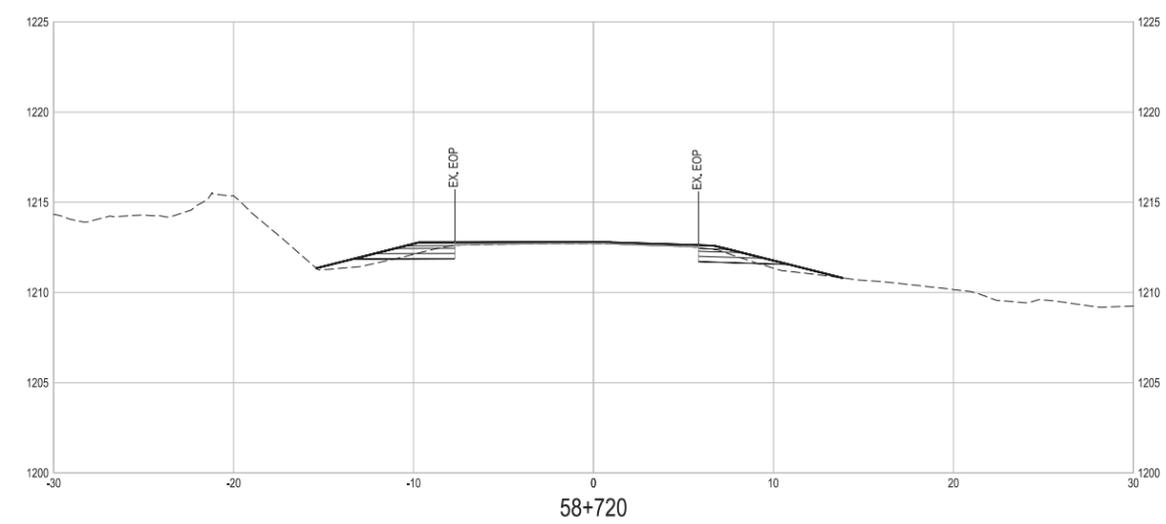
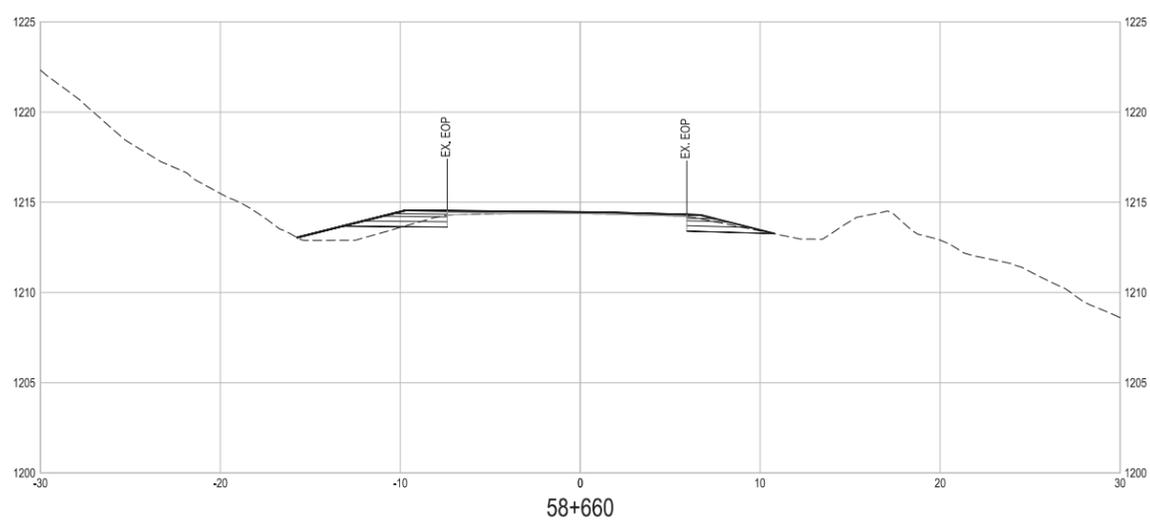
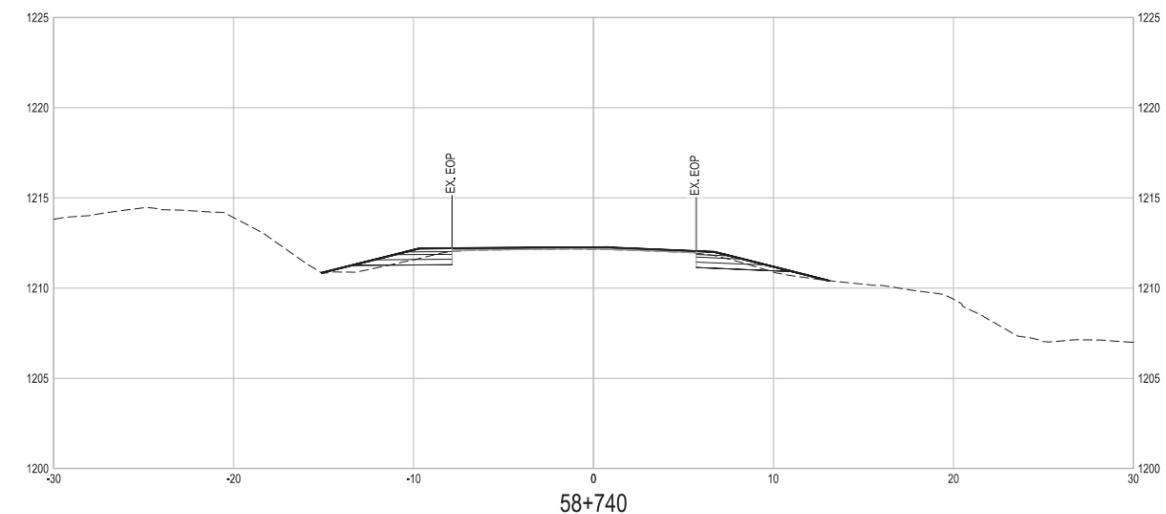
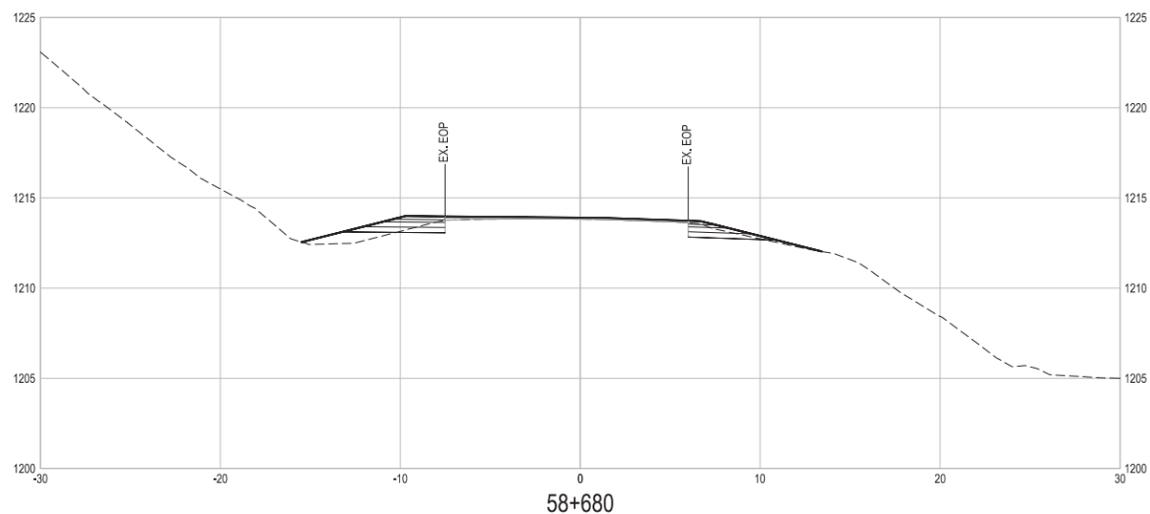
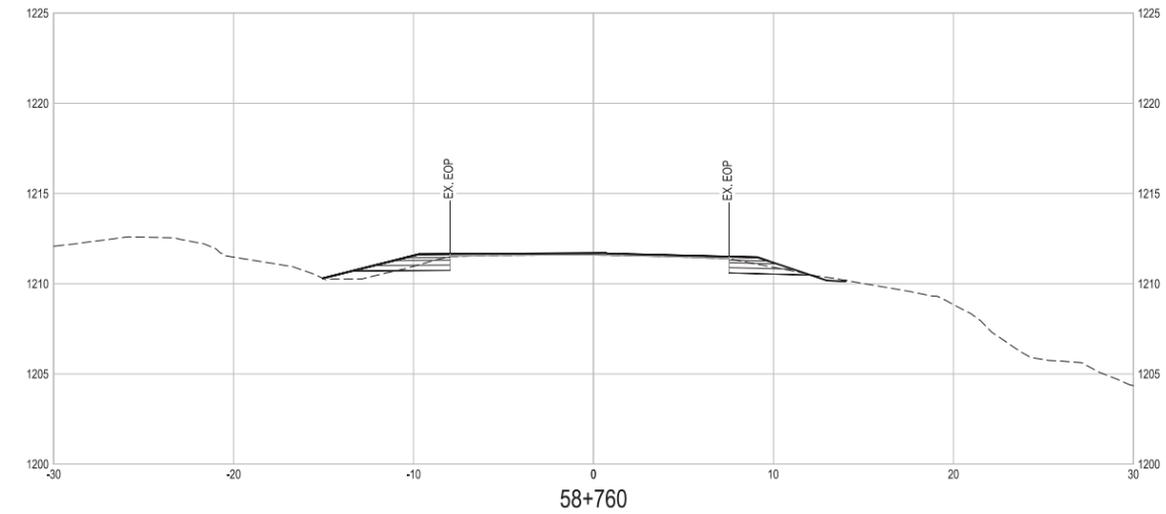
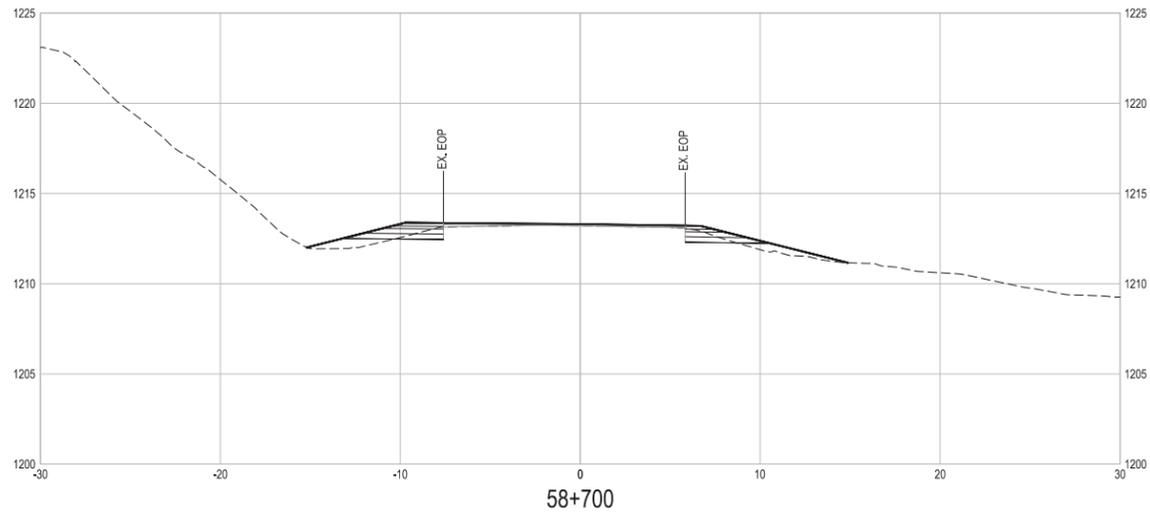
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		XS18
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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 Plotted: April 14, 2016, 10:07:56



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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	A detail number numéro de détail
B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 58+660 - 58+760

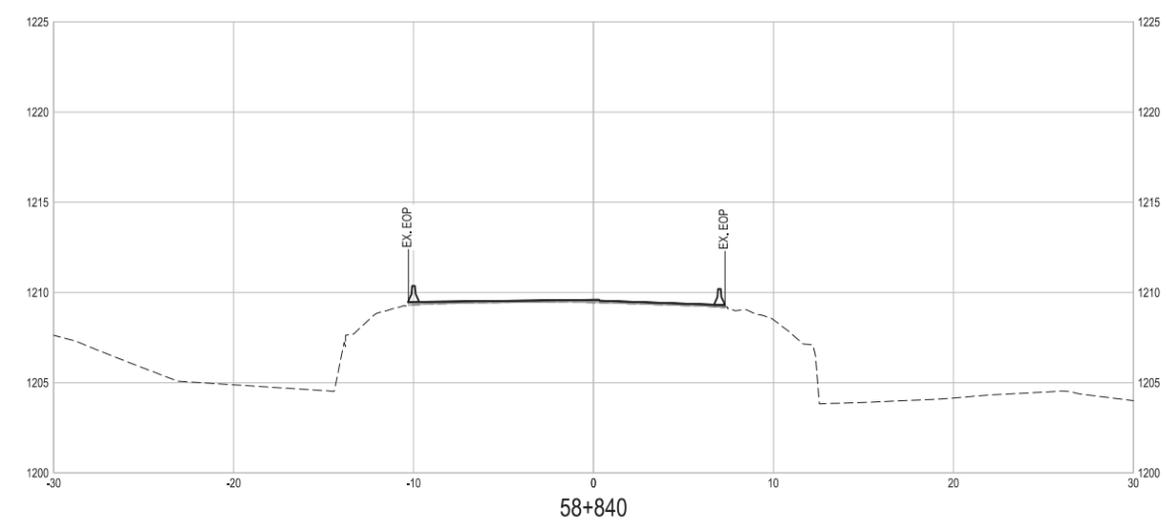
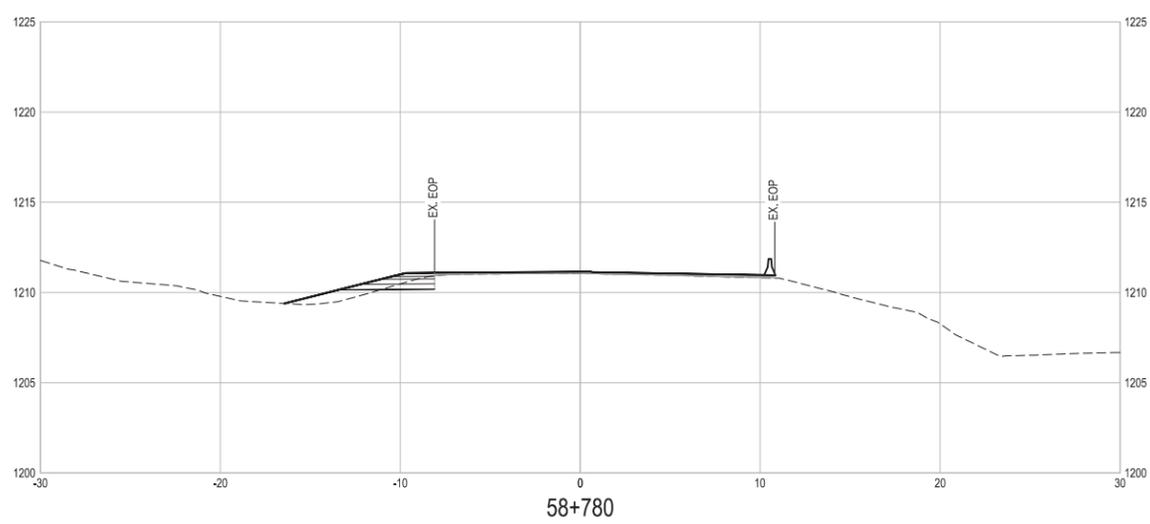
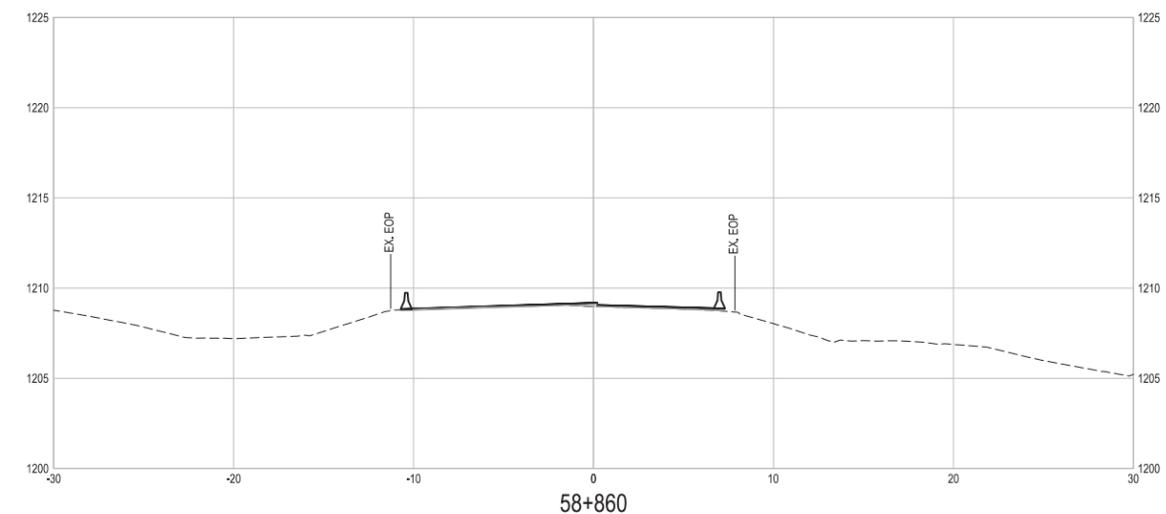
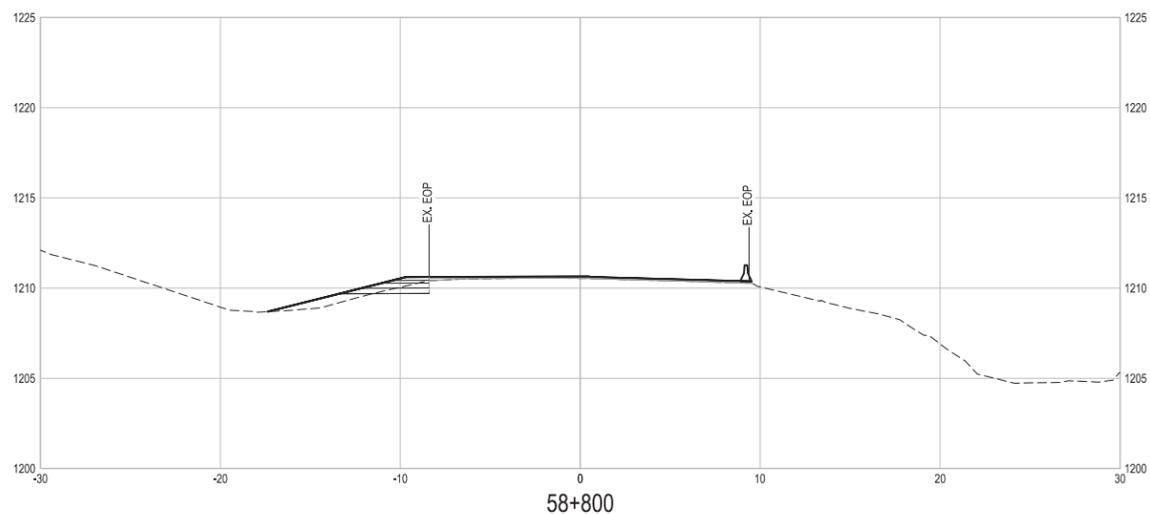
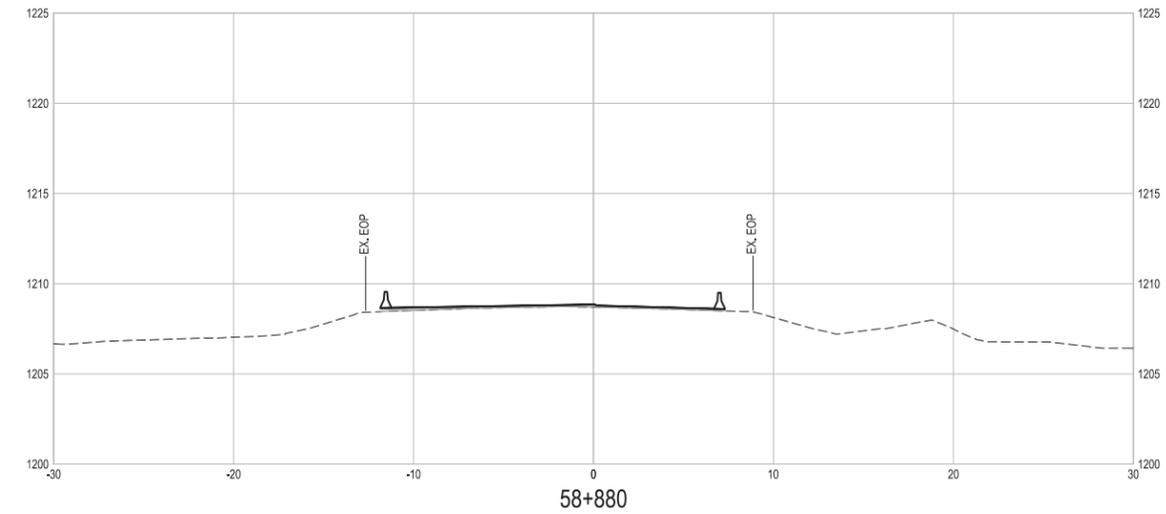
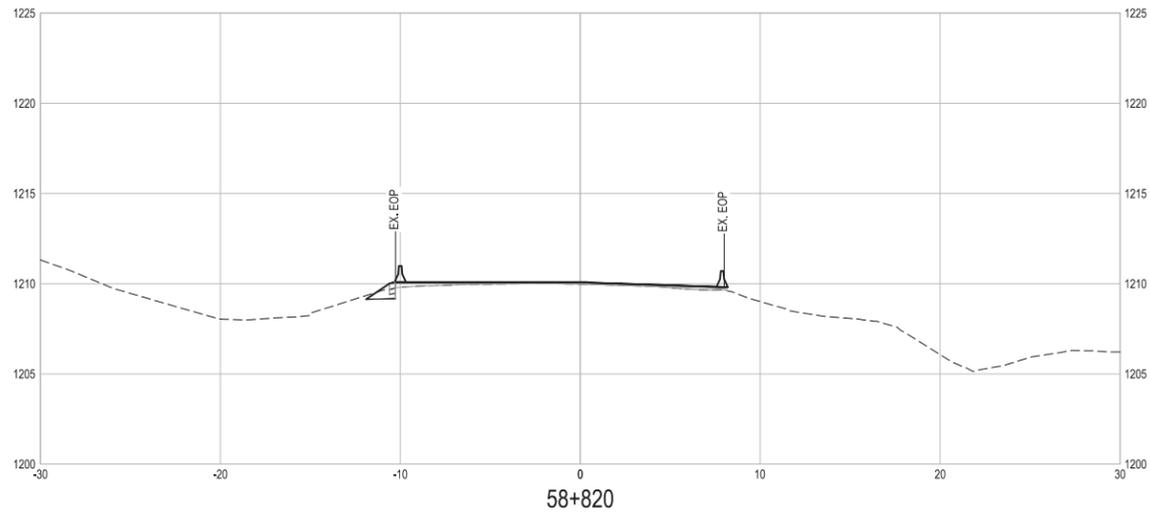
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS19
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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 Plotted: April 14, 2016, 10:08:20



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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
B	source drawing no. / de dessin no.
C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada
 Agency
 Western and Northern Region

L'Agence Parcs Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 58+780 - 58+880

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		XS20
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A	detail number numéro de détail	A
B	source drawing no. de dessin no.	B
C	detail on drawing no. détail sur dessin no.	C

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

 Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil



Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 58+900 - 59+000

Surveyed by/Arpenté par

Drawn by/Dessiné par

Date/Date

Designed by/Concept par

Reviewed by/Revisé par

Scale/Echelle

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

Project No./No. du projet

Asset No./No. de bien

Sheet No./No. de la feuille

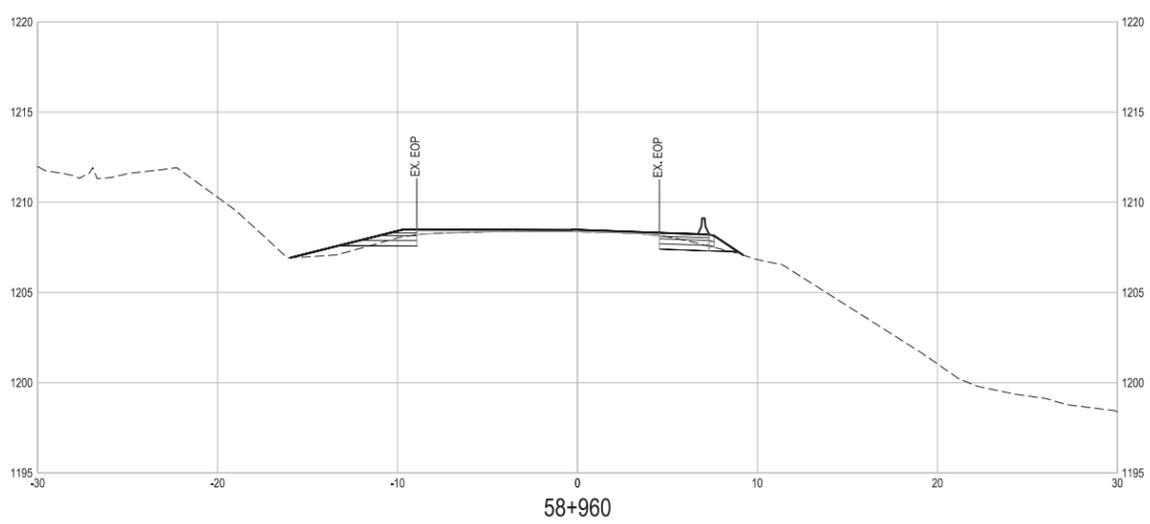
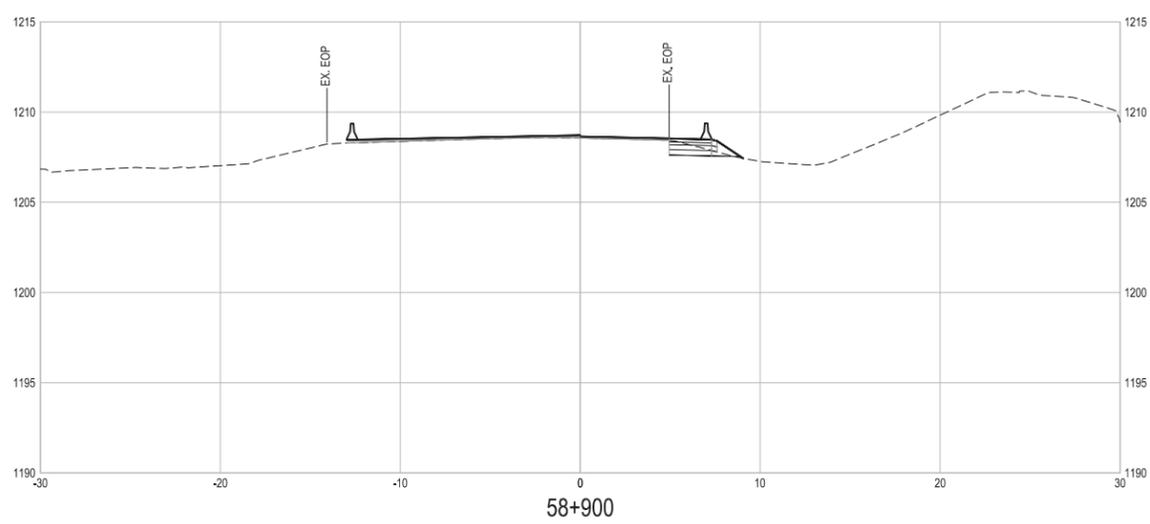
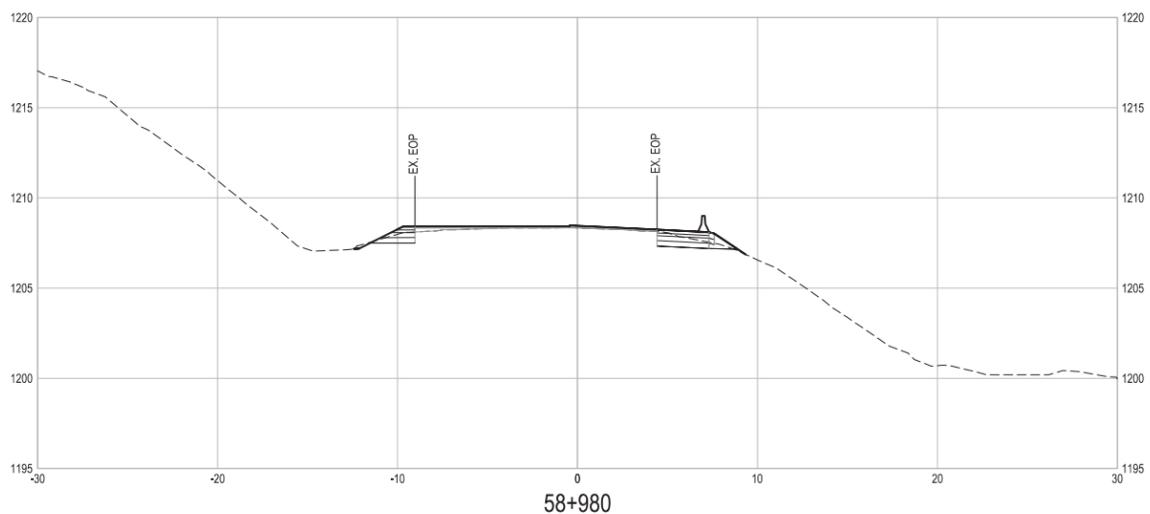
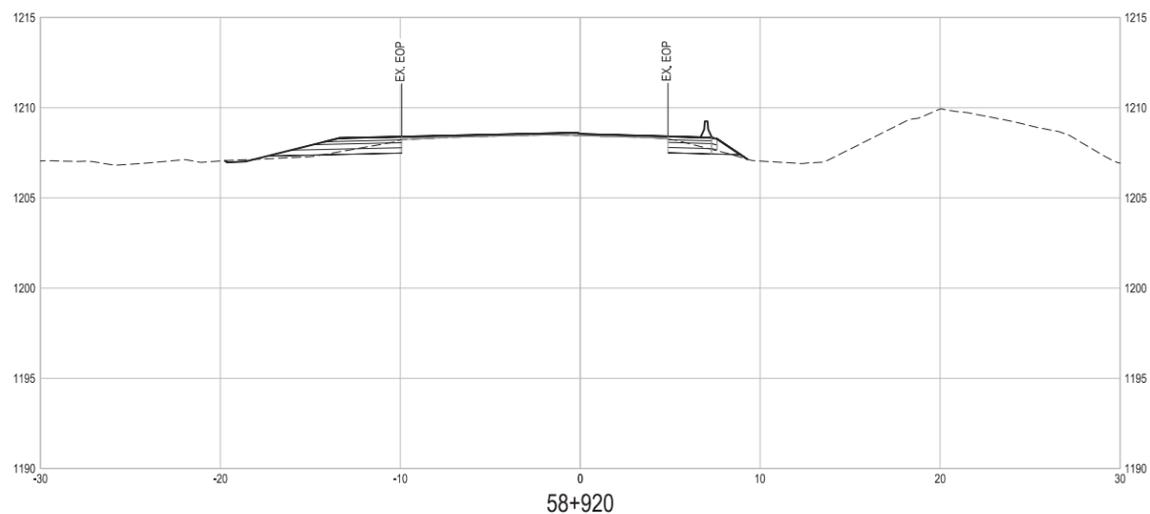
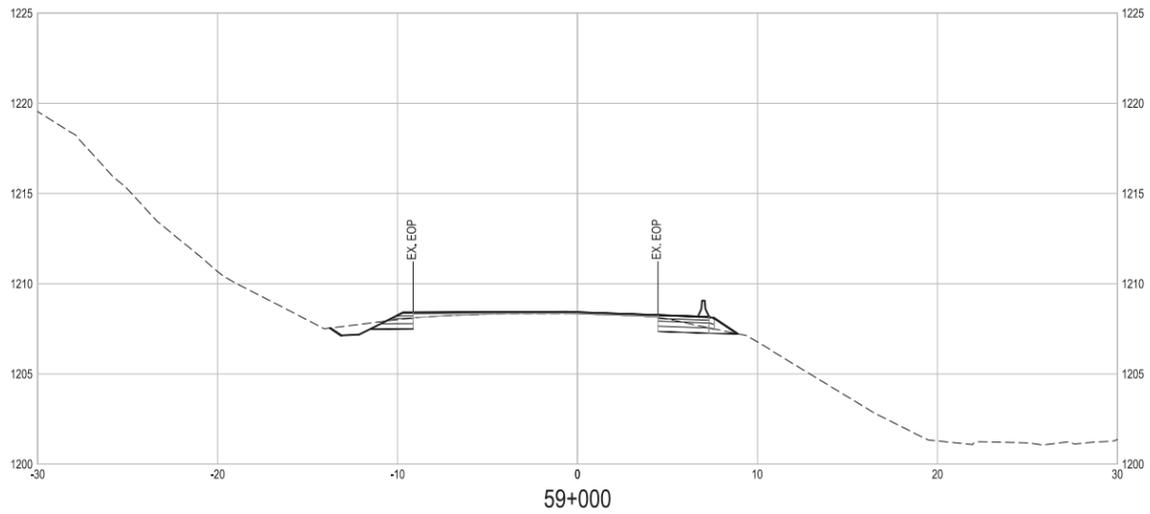
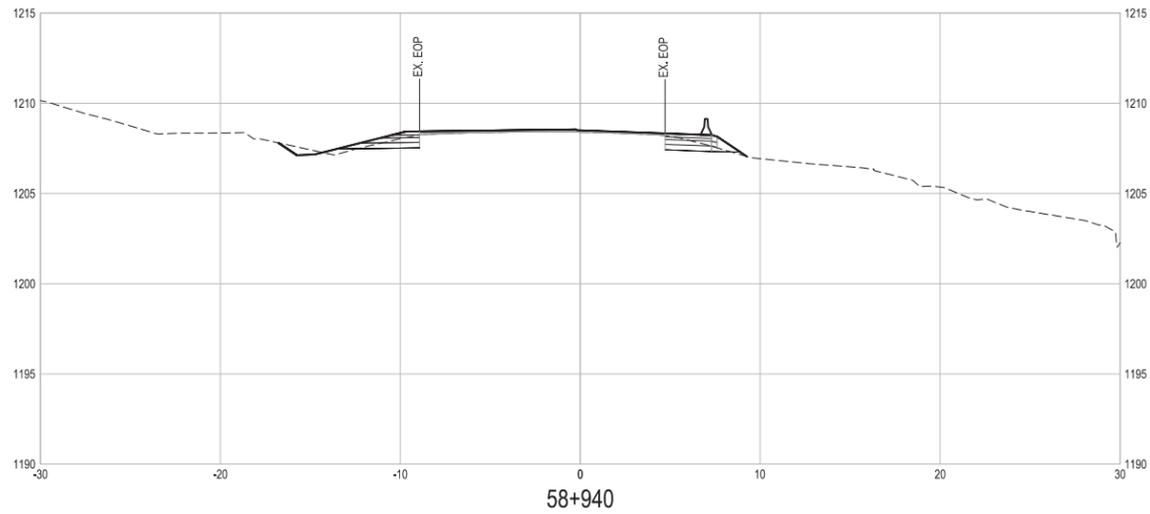
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201536A

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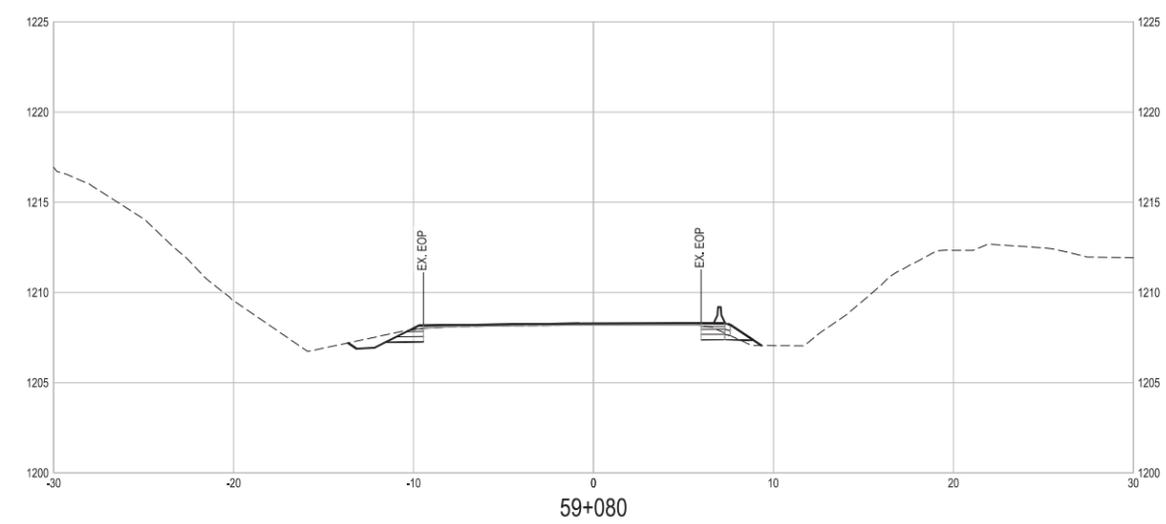
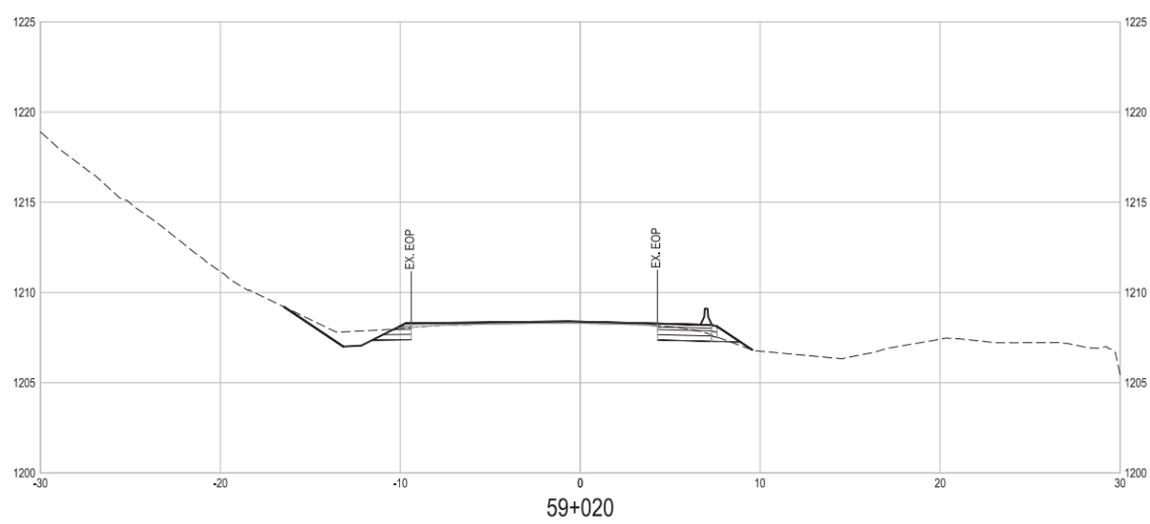
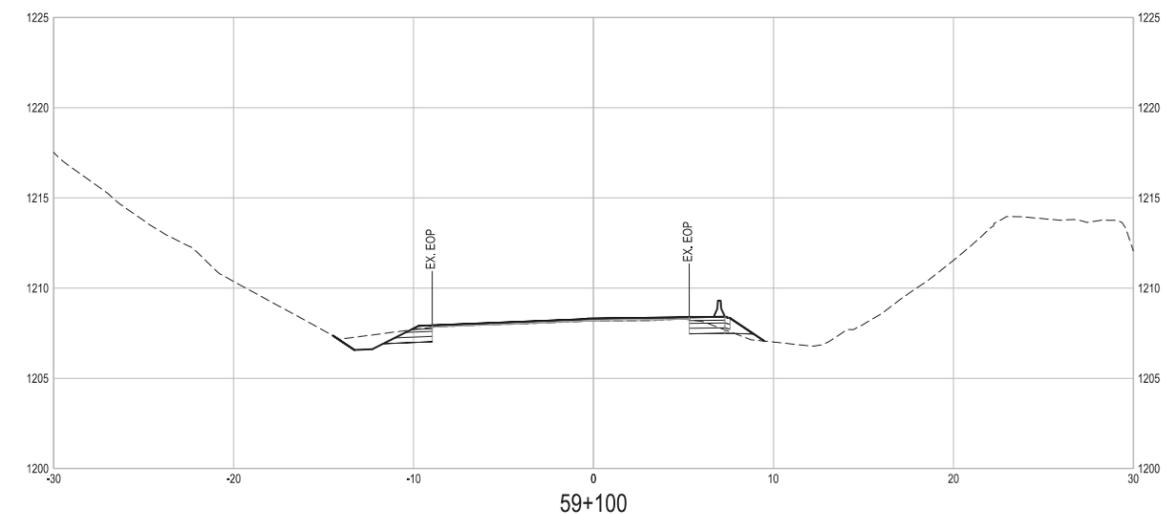
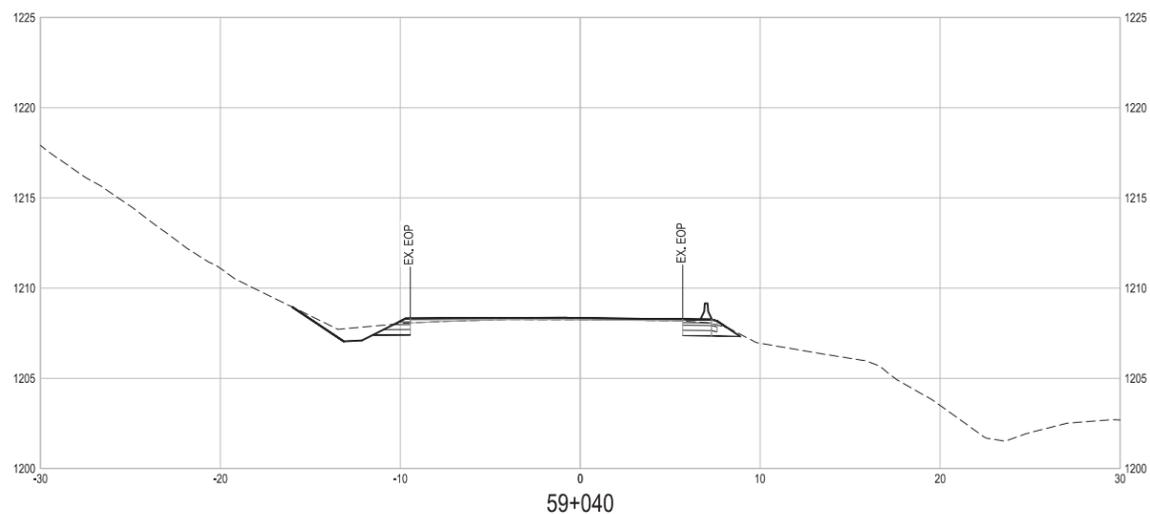
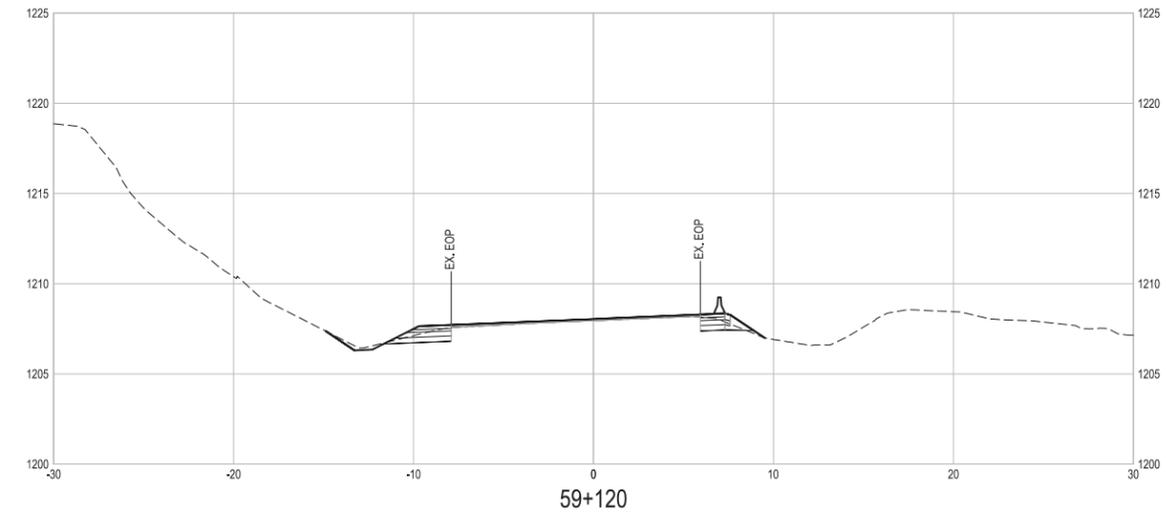
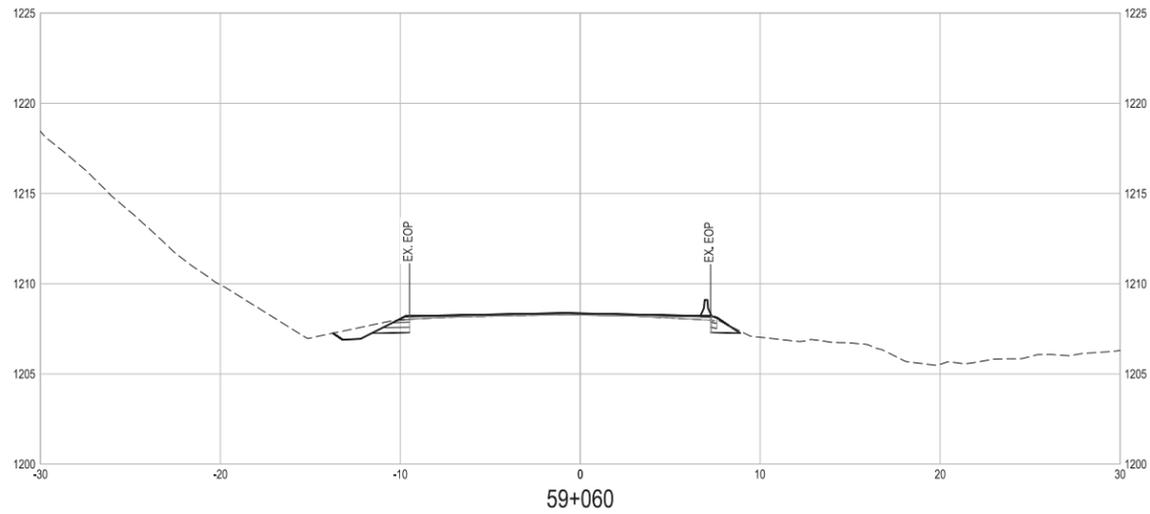
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of 32



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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
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B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 59+020 - 59+120

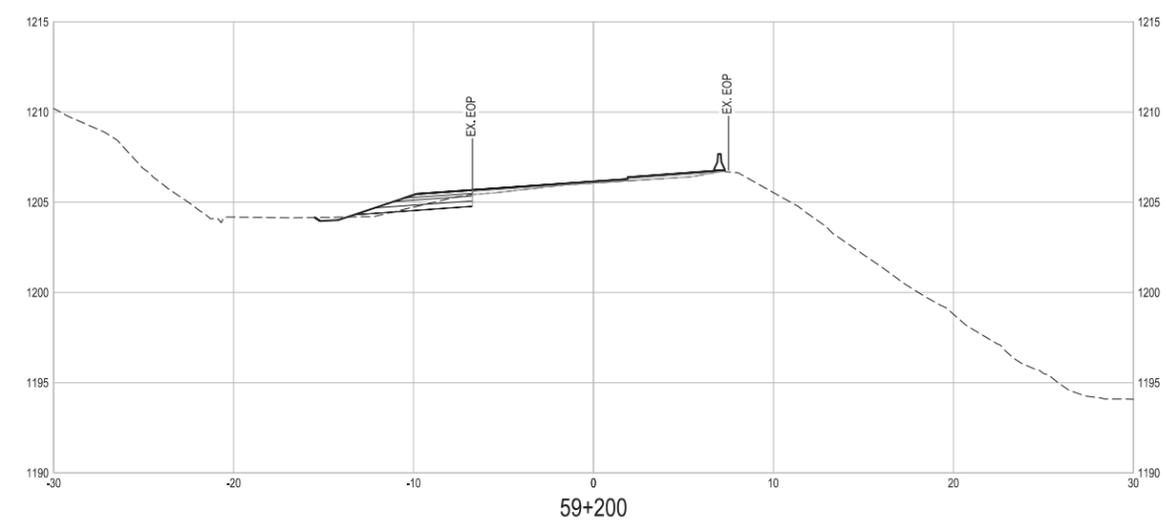
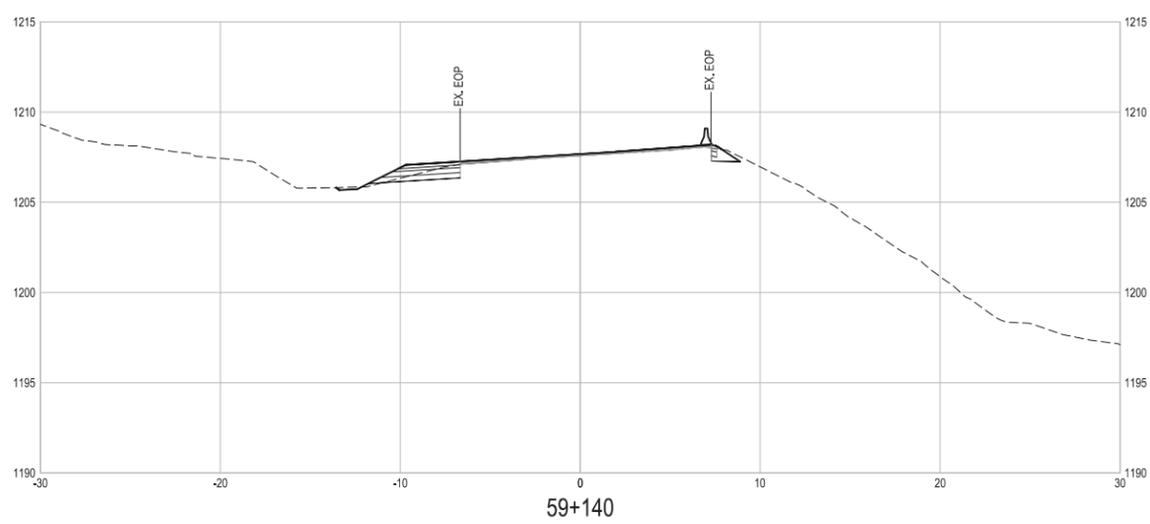
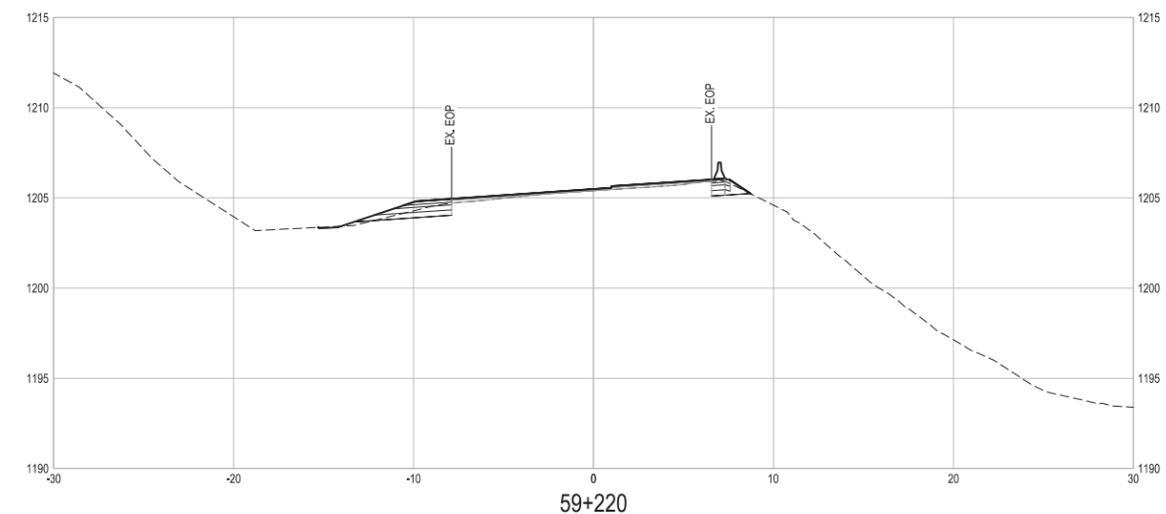
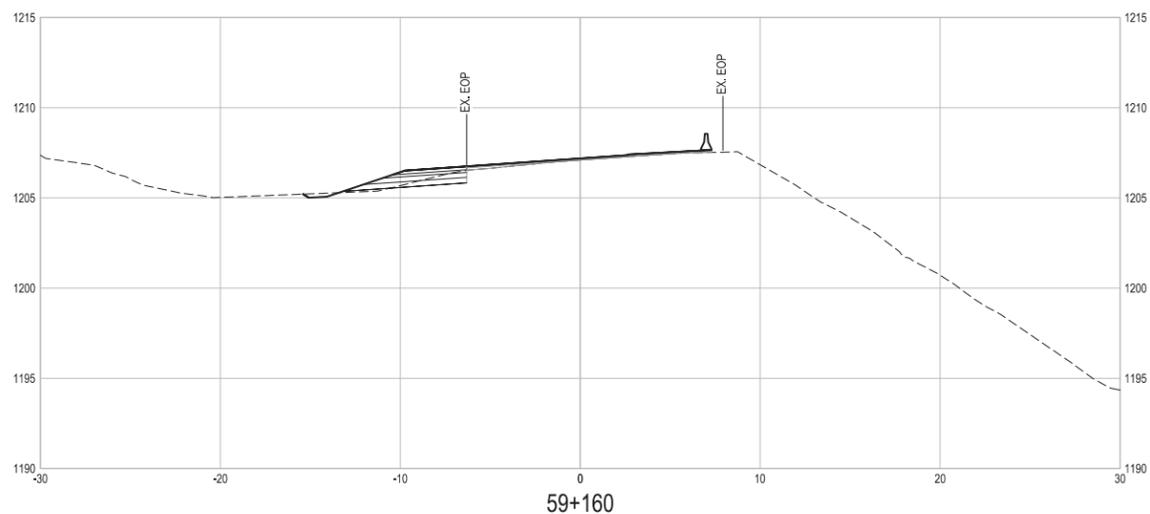
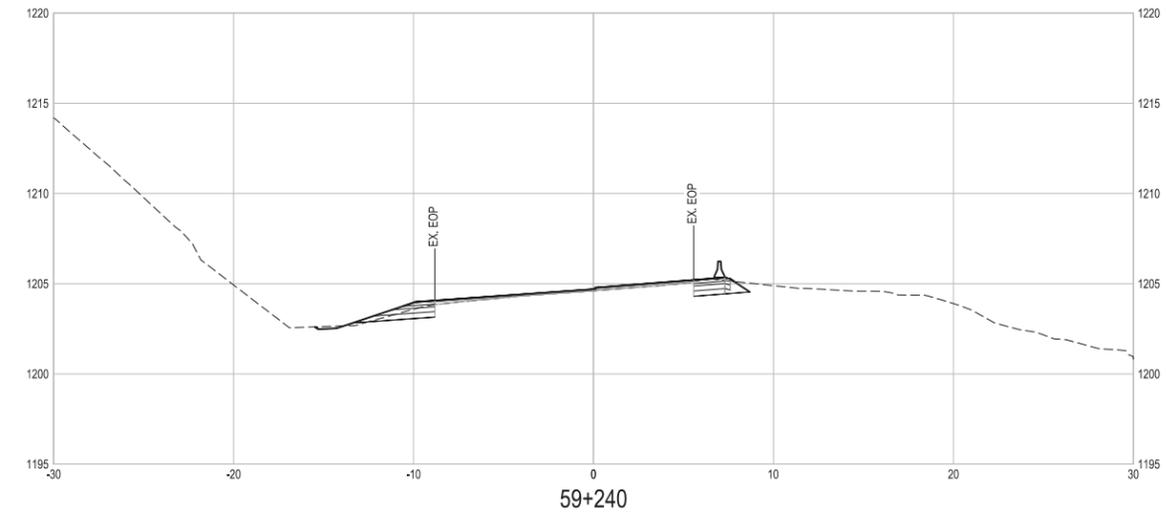
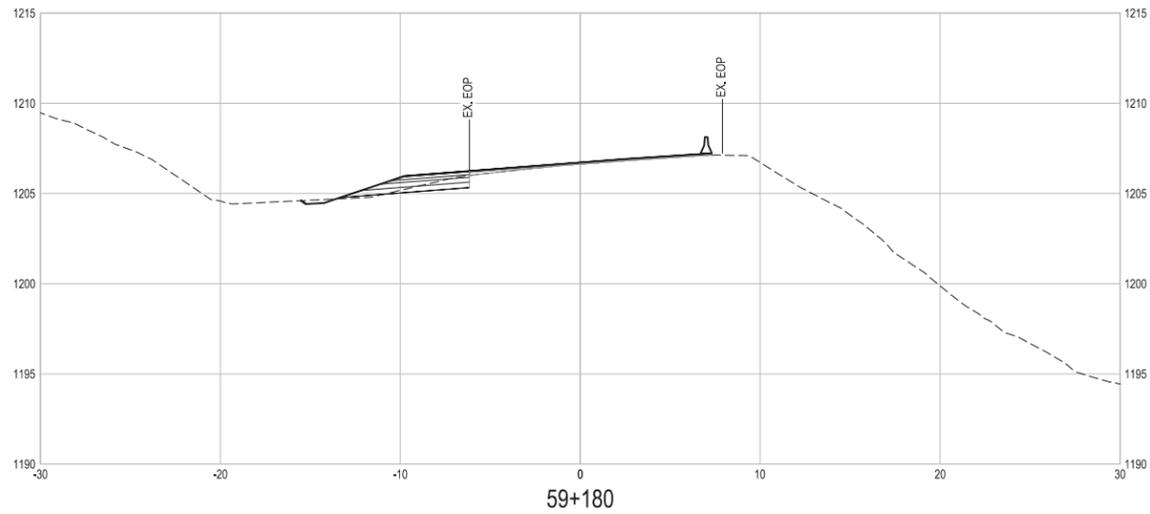
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS22
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:09:56
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C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client
 Parks Canada / L'Agence Parcs Canada
 Agency / Agence
 Western and Northern Region / Ouest et Nord Région

Consultant's Name
Nom de l'expert-conseil
McElhanney

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**CROSS SECTIONS
 CLIMBING LANE**
STA 59+140 - 59+240

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

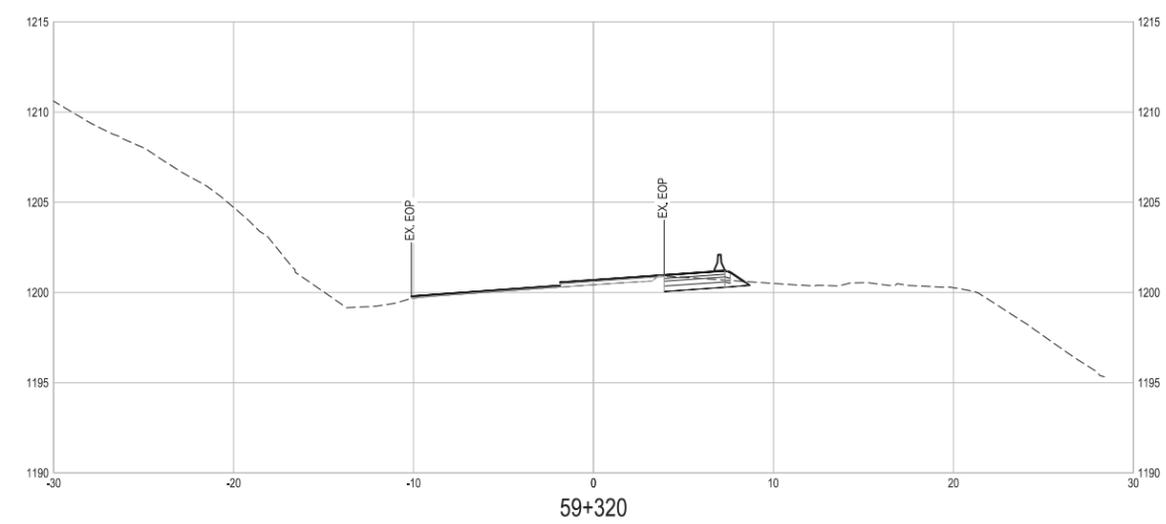
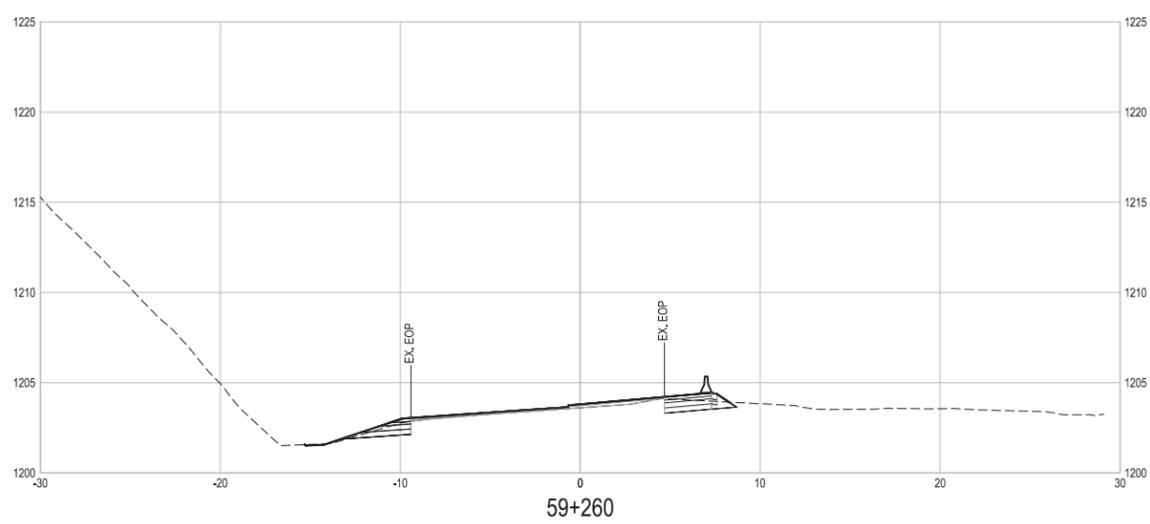
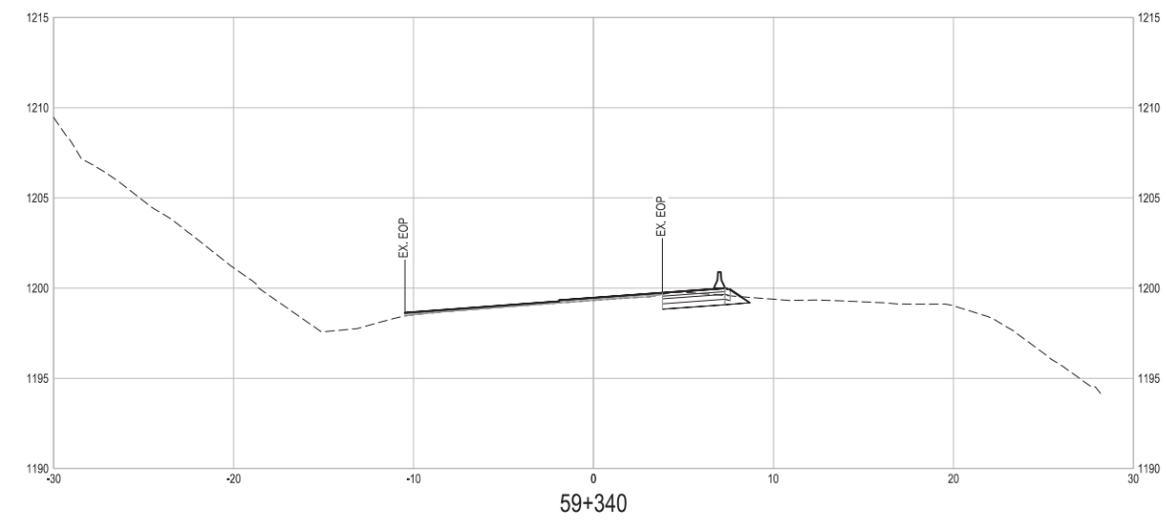
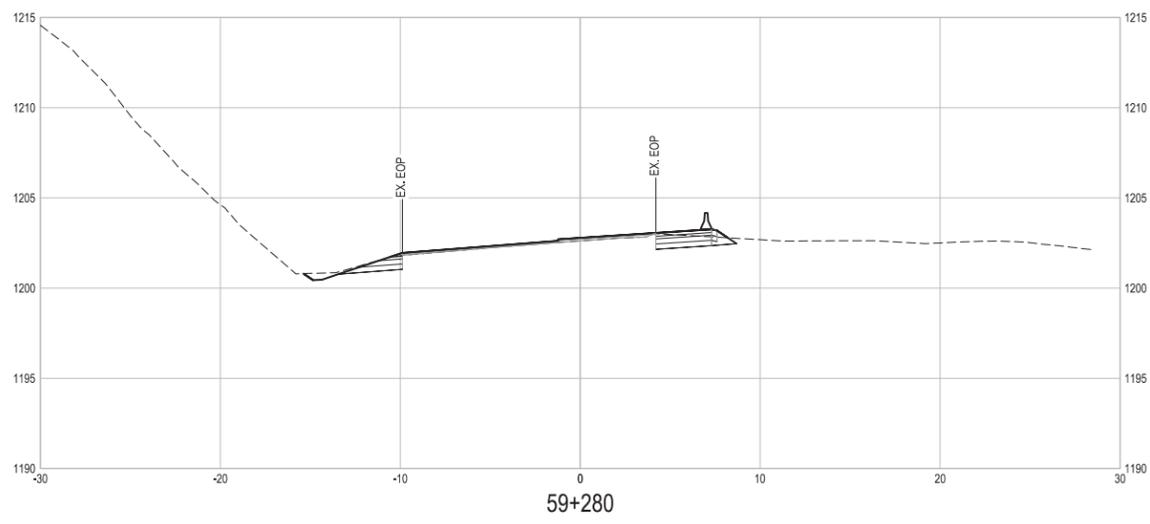
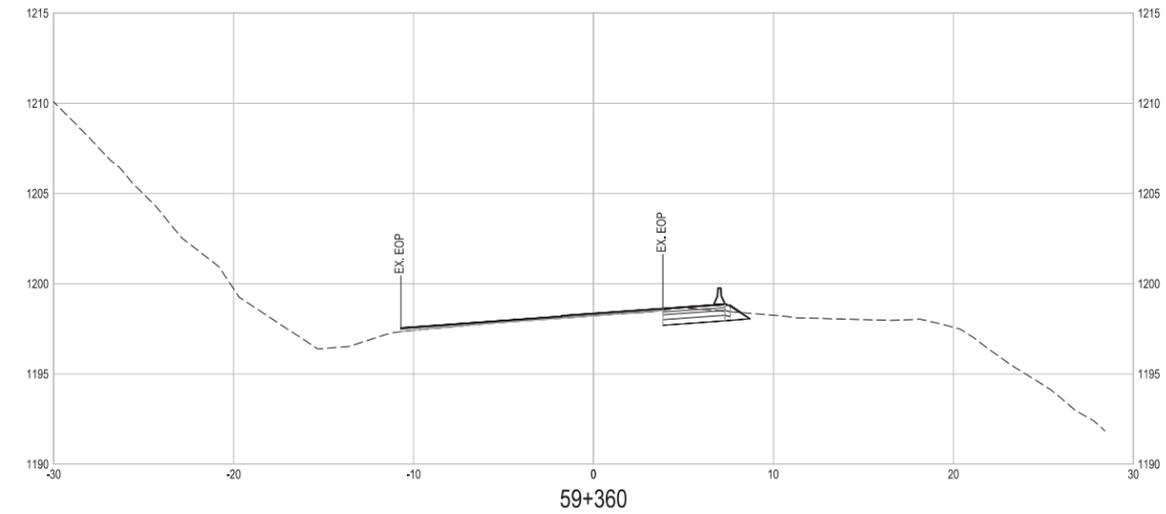
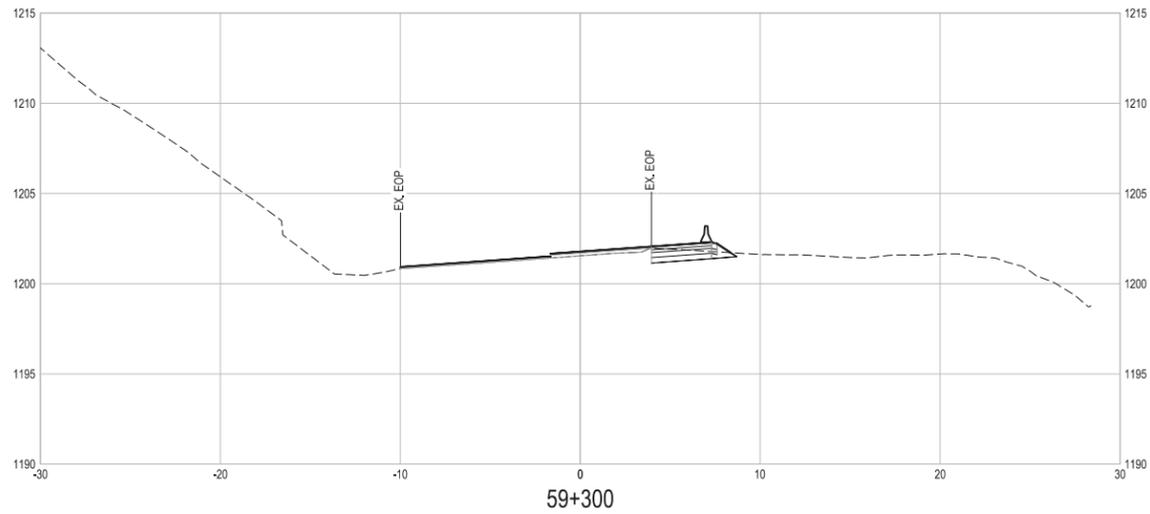
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		XS23
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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Revision / Revision	
A	detail number / numéro de détail
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C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp / Sceau de l'expert-conseil

Eng. Stamp / Sceau de l'ingénieur

Client/client

Parks Canada Agency Western and Northern Region

L'Agence Parcs Canada Ouest et Nord Région

Consultant's Name / Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 59+260 - 59+360

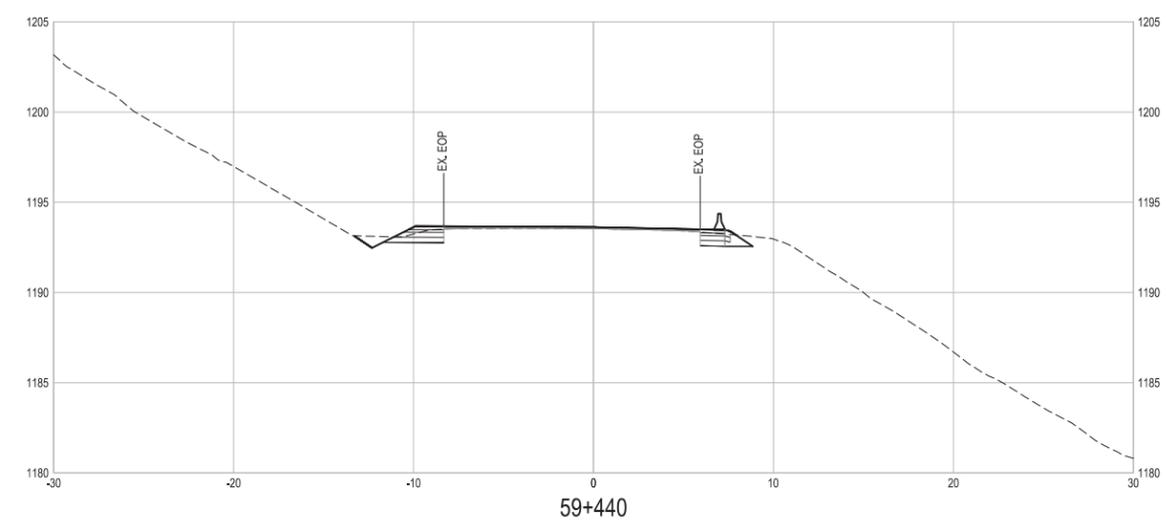
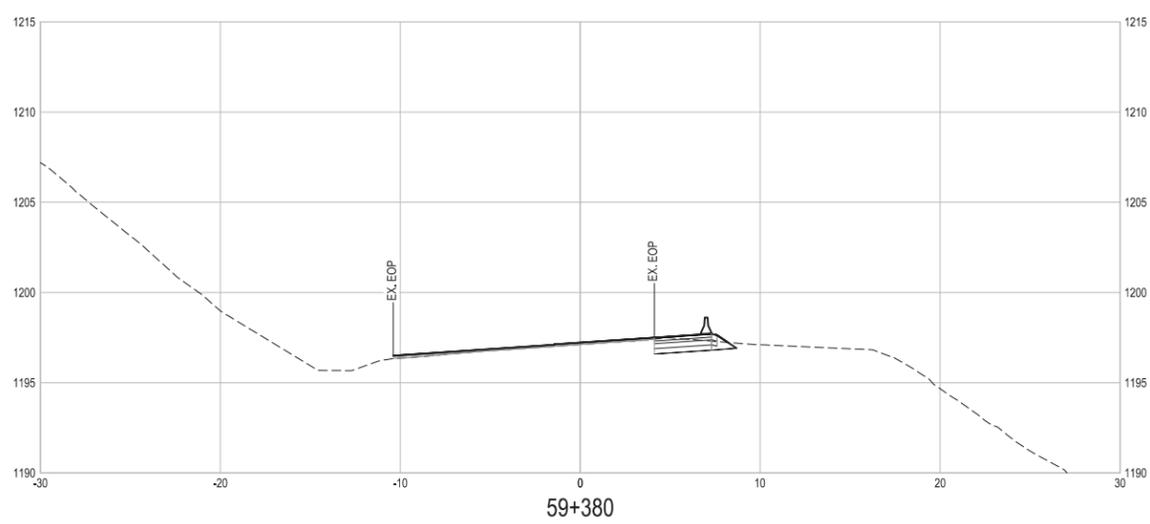
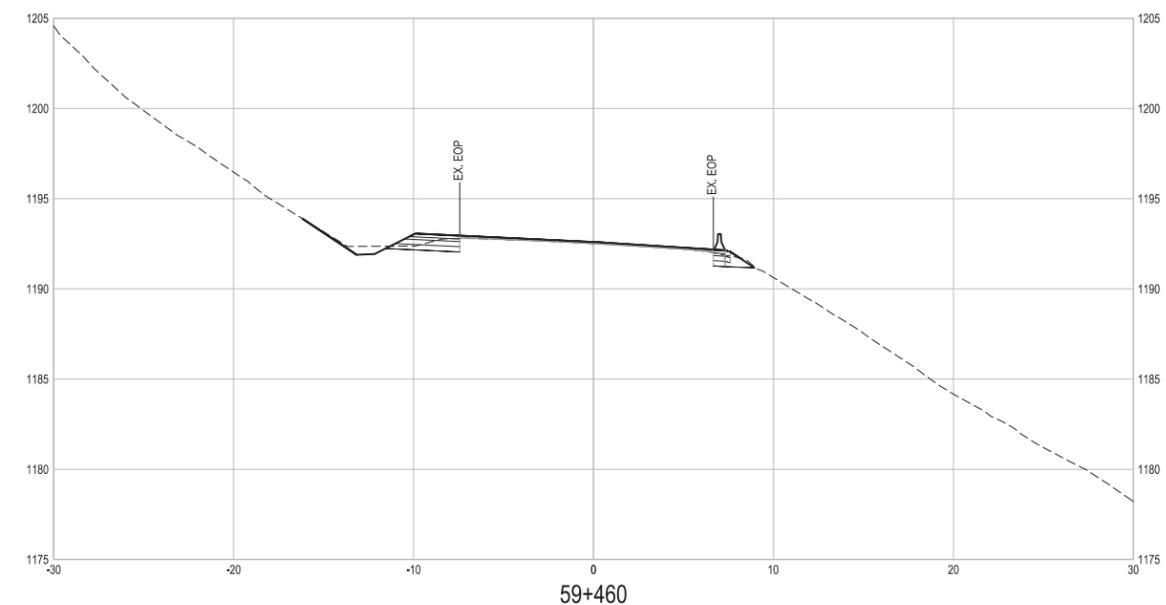
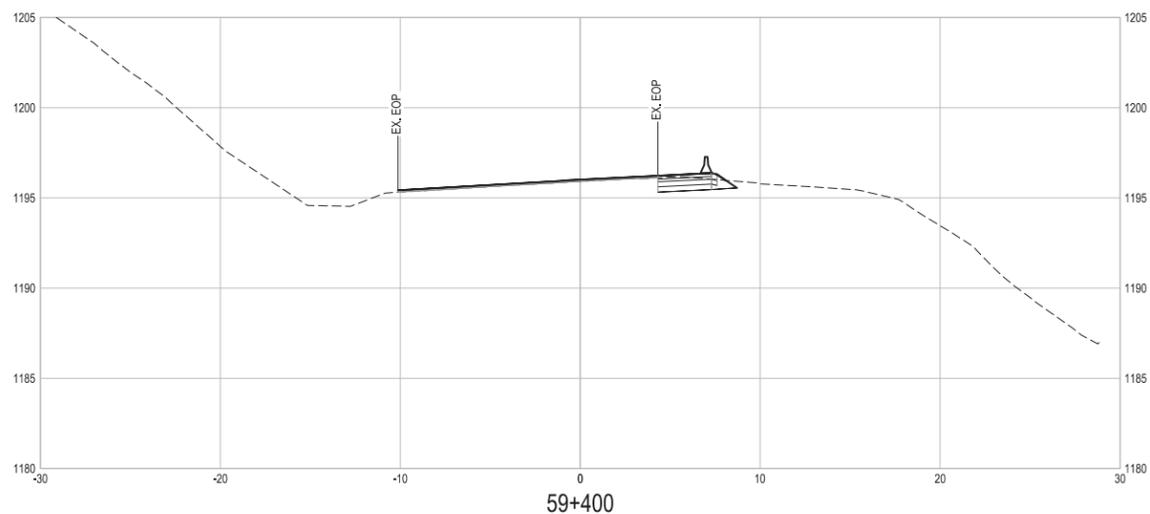
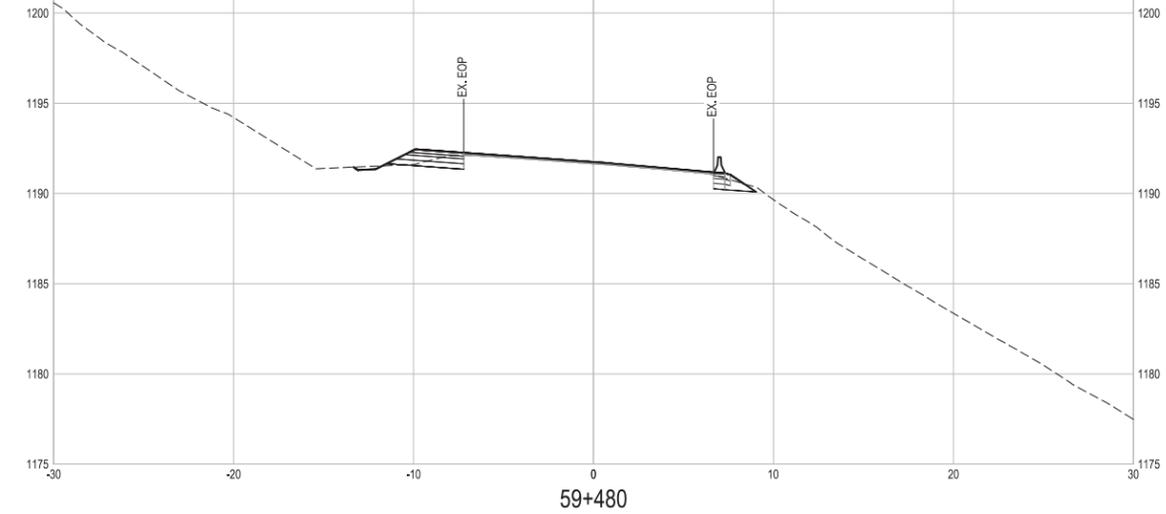
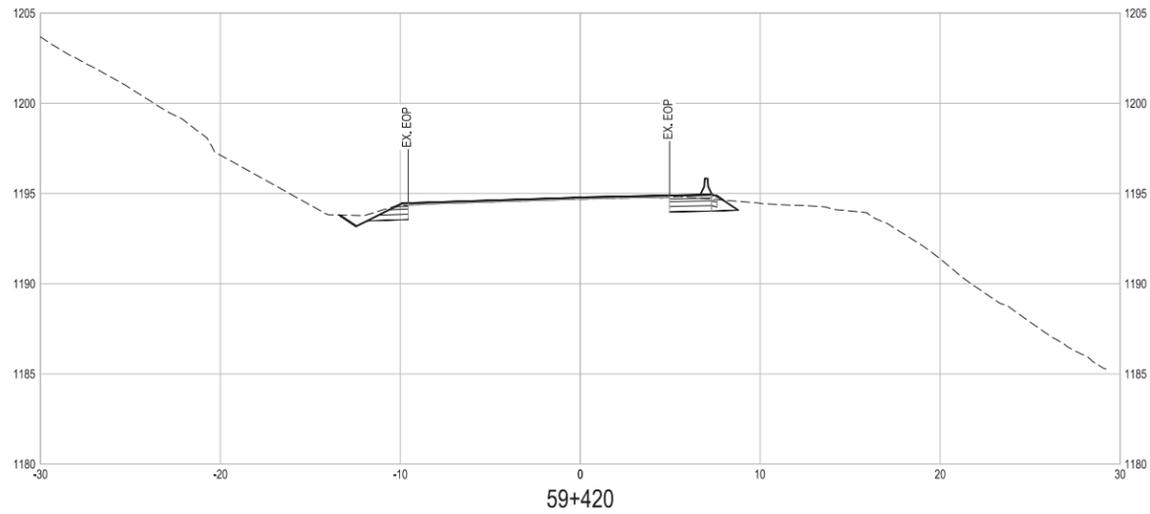
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./No. de la feuille
201536A		XS24
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:10:57
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
---	--

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 59+380 - 59+480

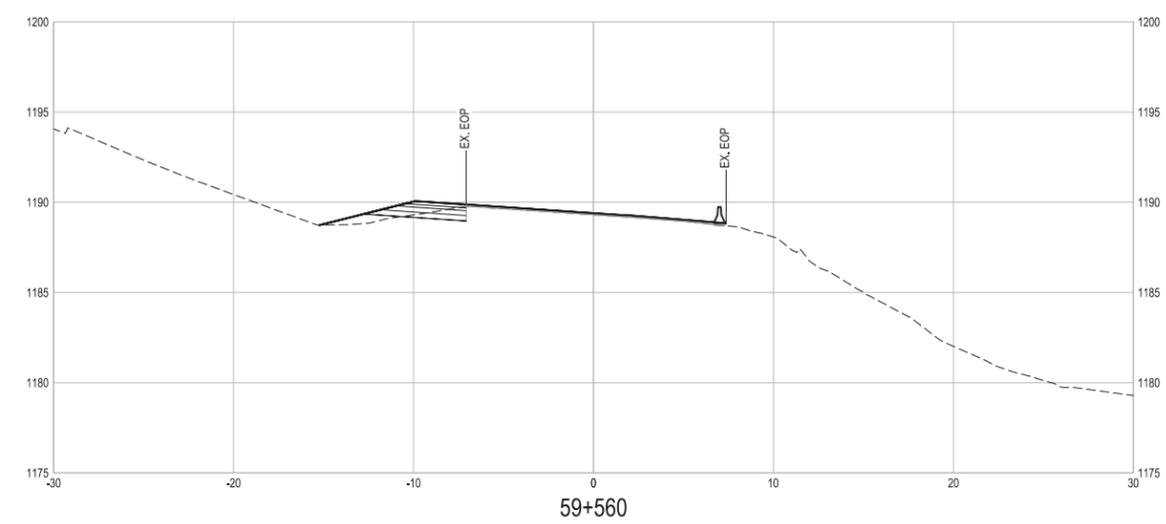
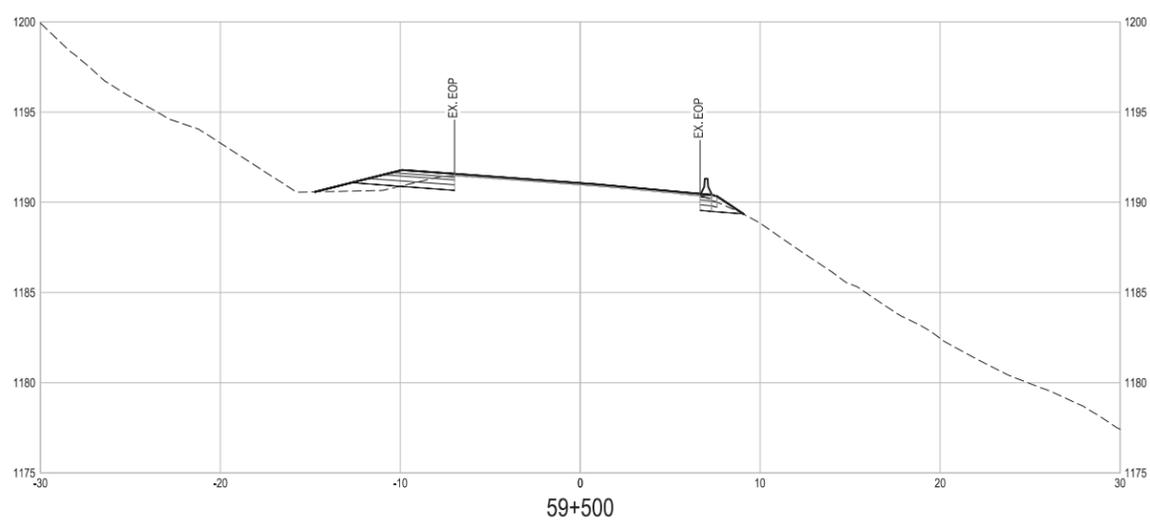
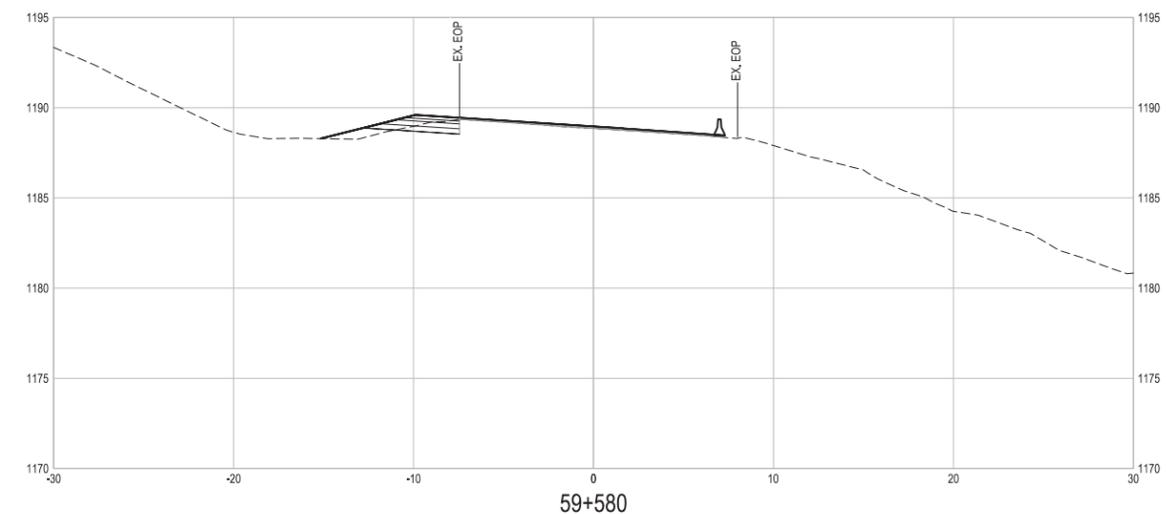
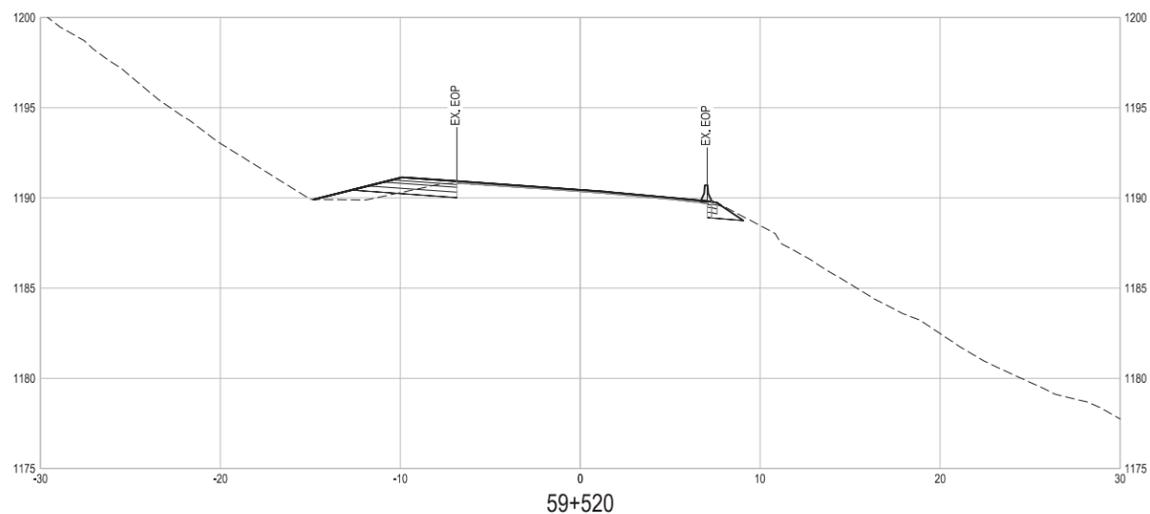
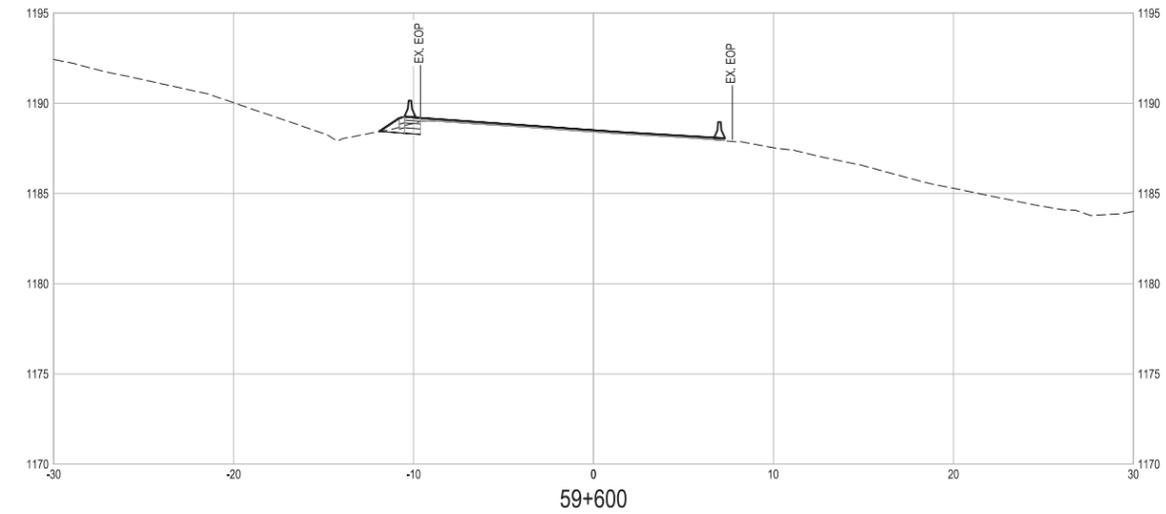
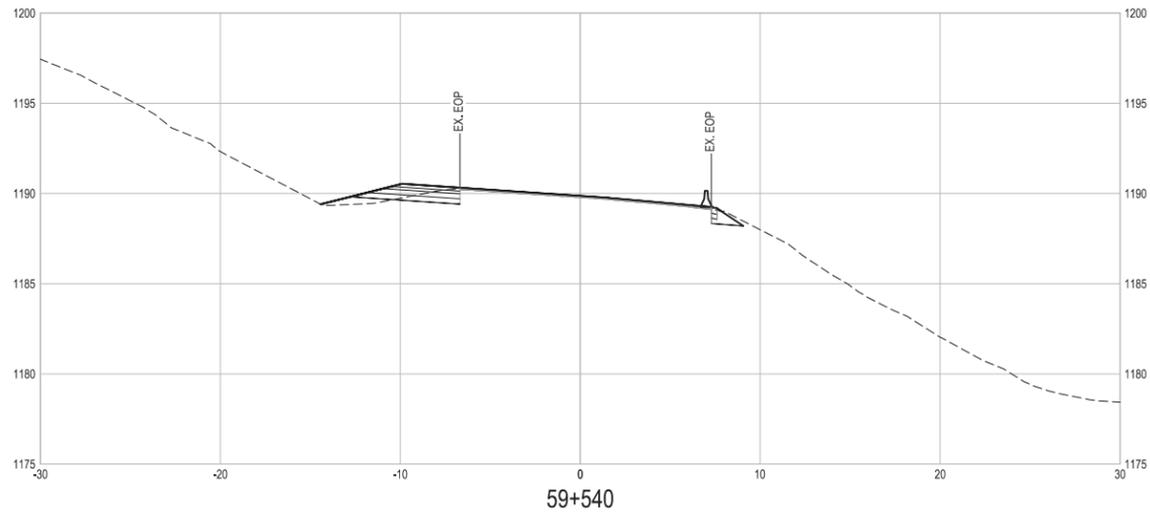
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		XS25
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:11:27
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FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	A detail number numéro de détail
B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 59+500 - 59+600

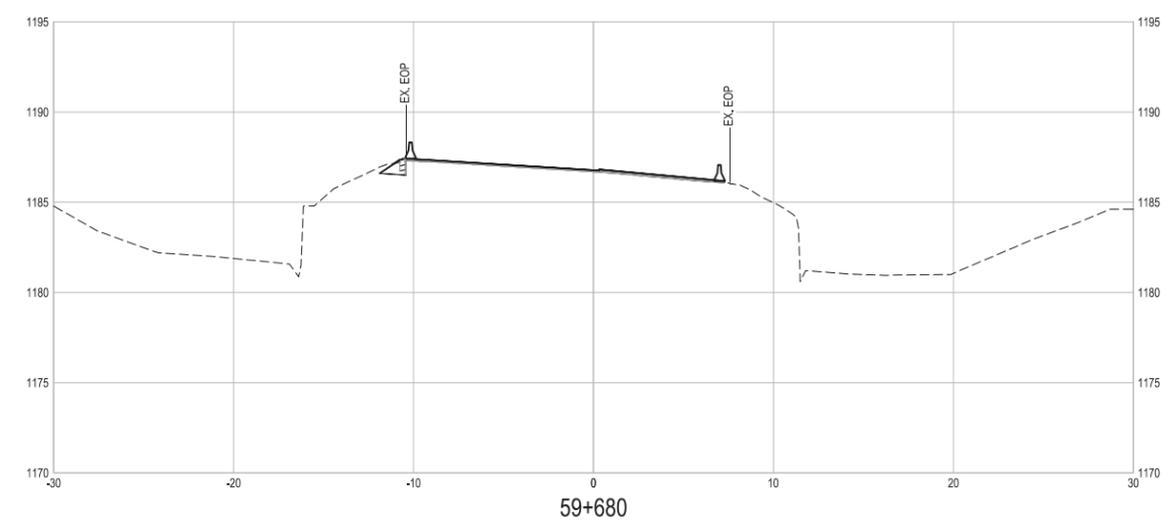
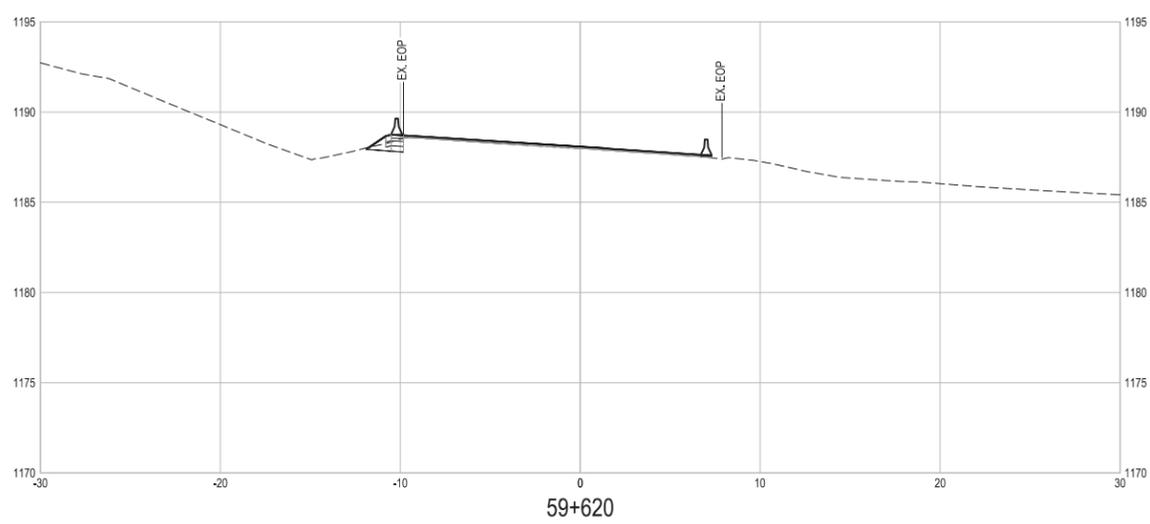
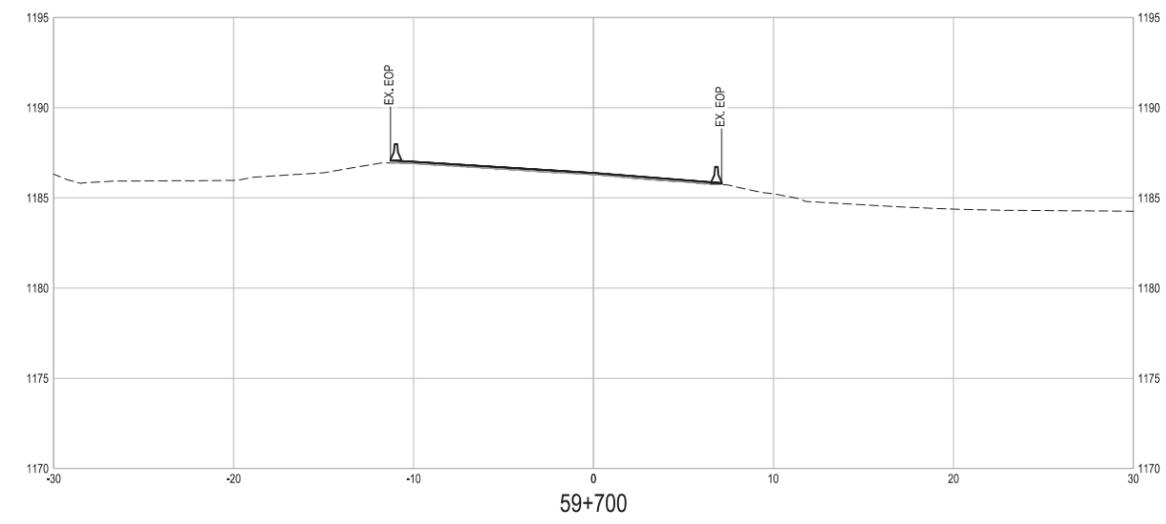
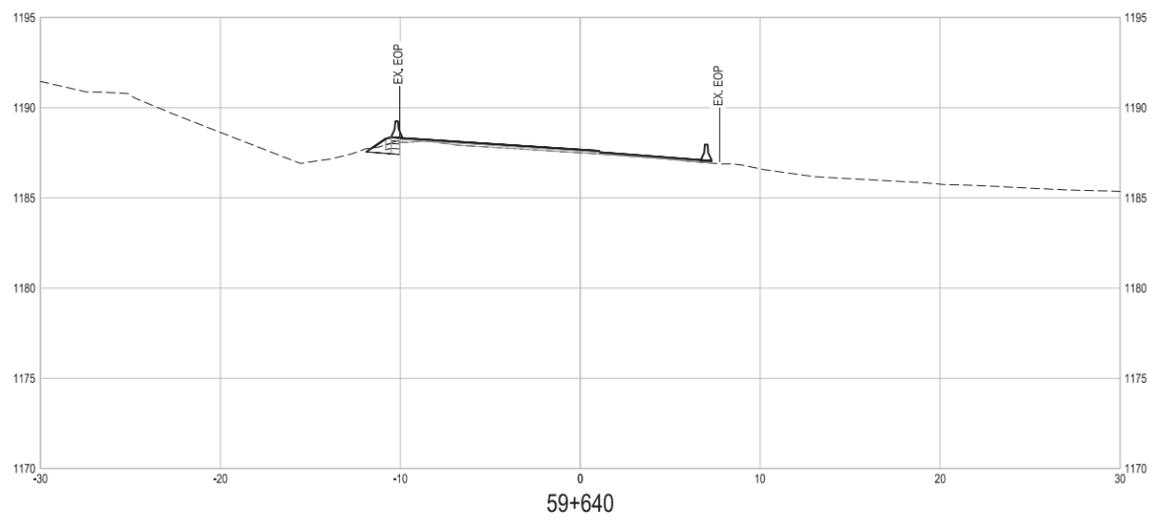
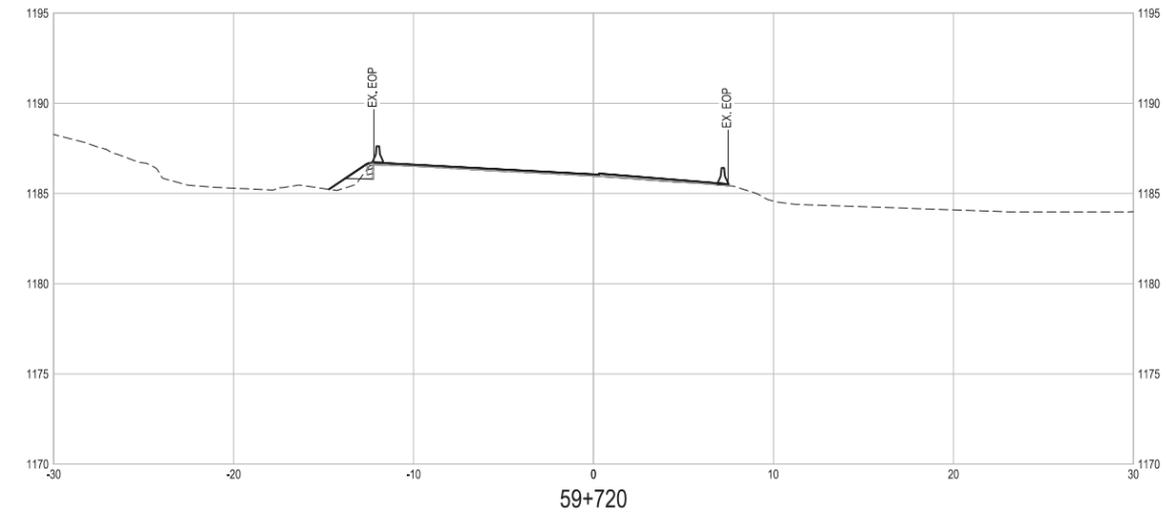
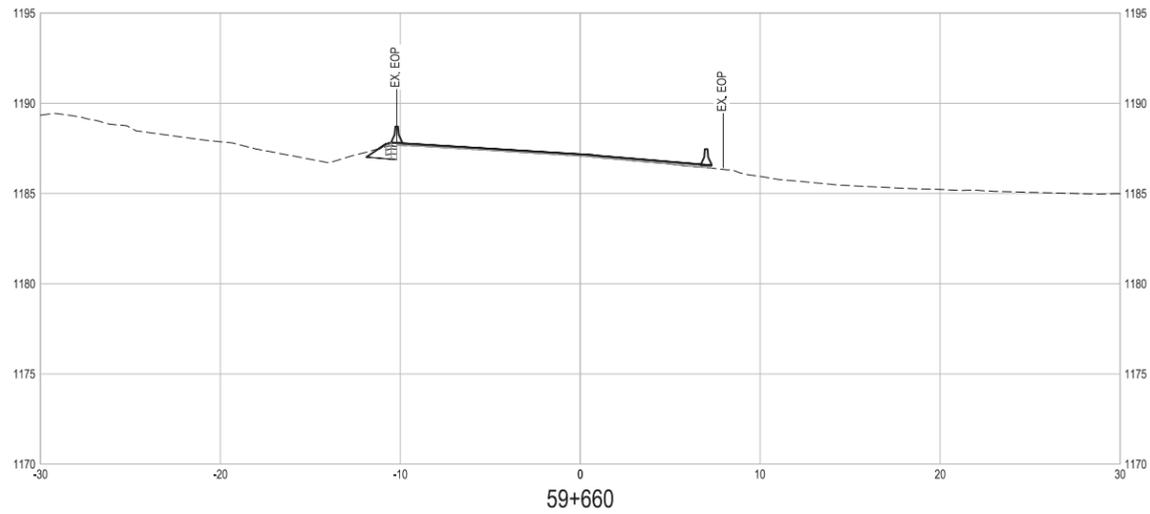
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS26
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:11:57
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 59+620 - 59+720

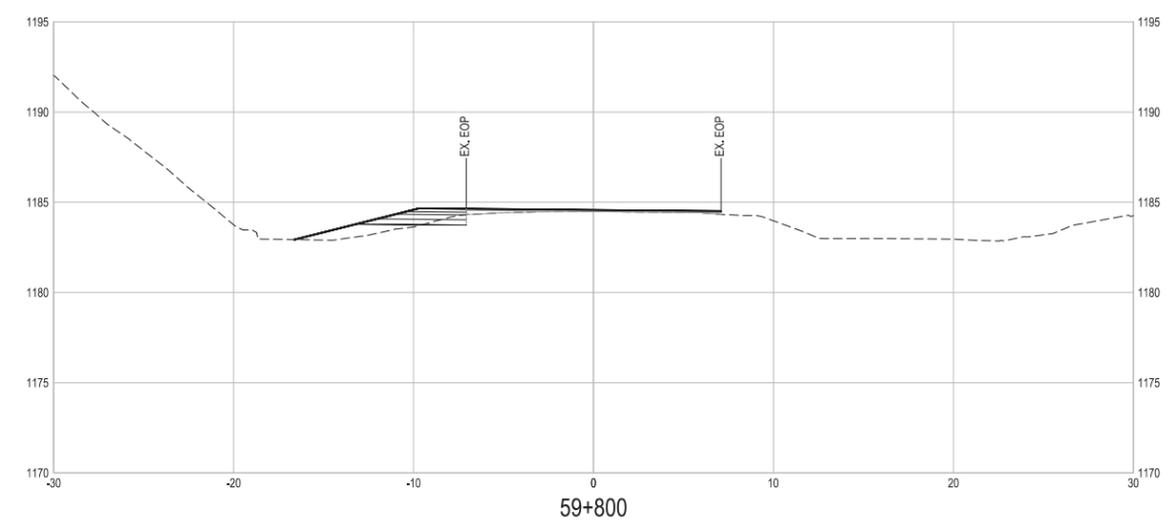
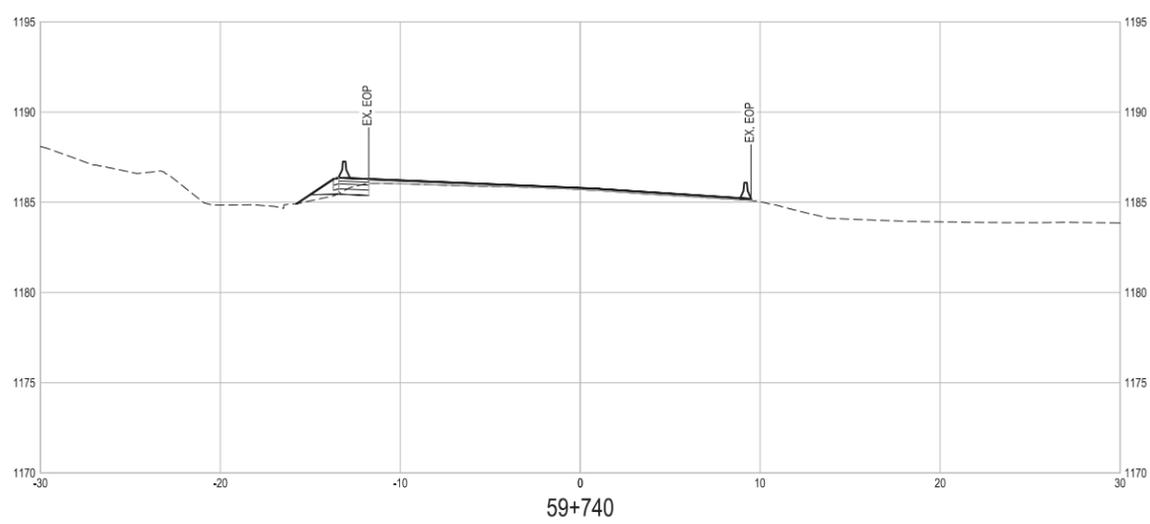
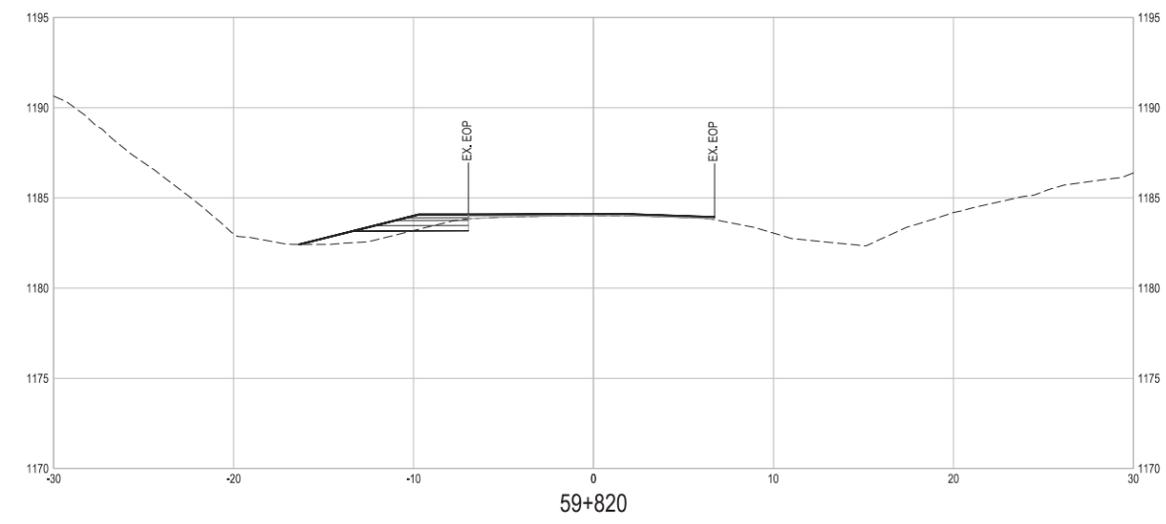
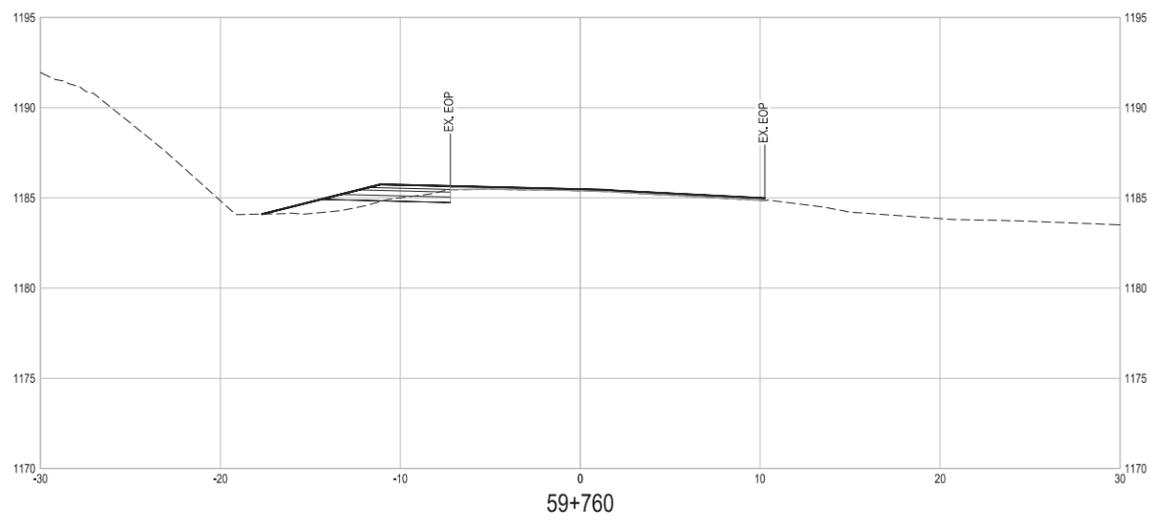
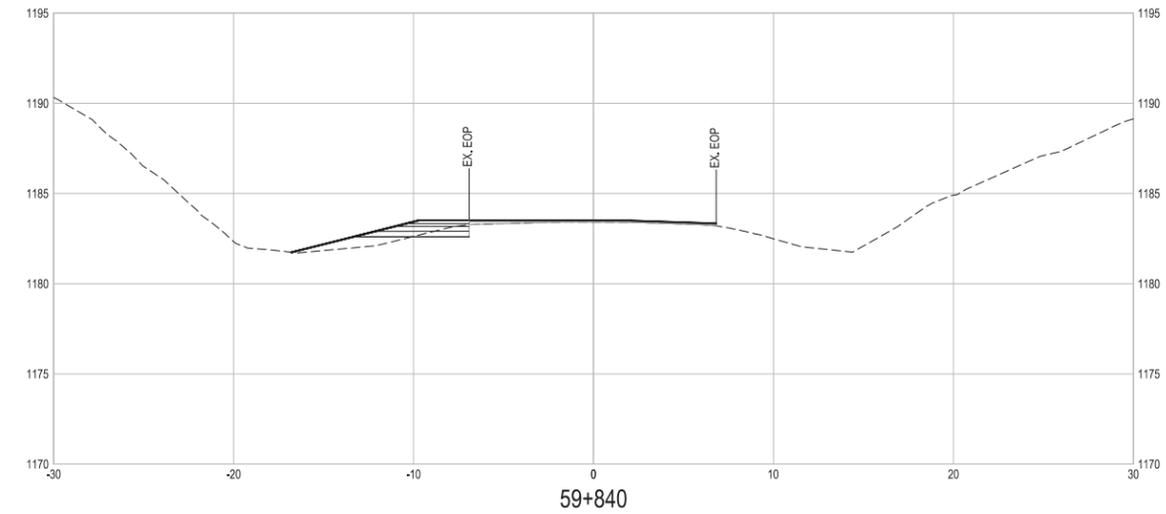
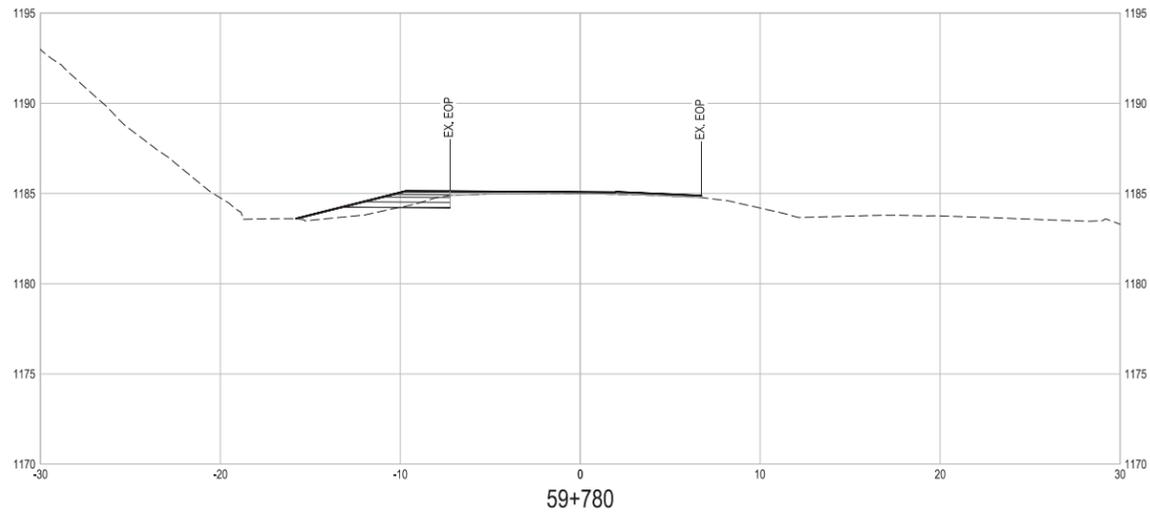
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS27
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:12:27
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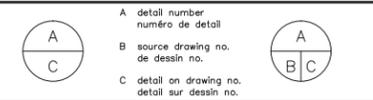
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				



Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 59+740 - 59+840

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Project No./No. du projet
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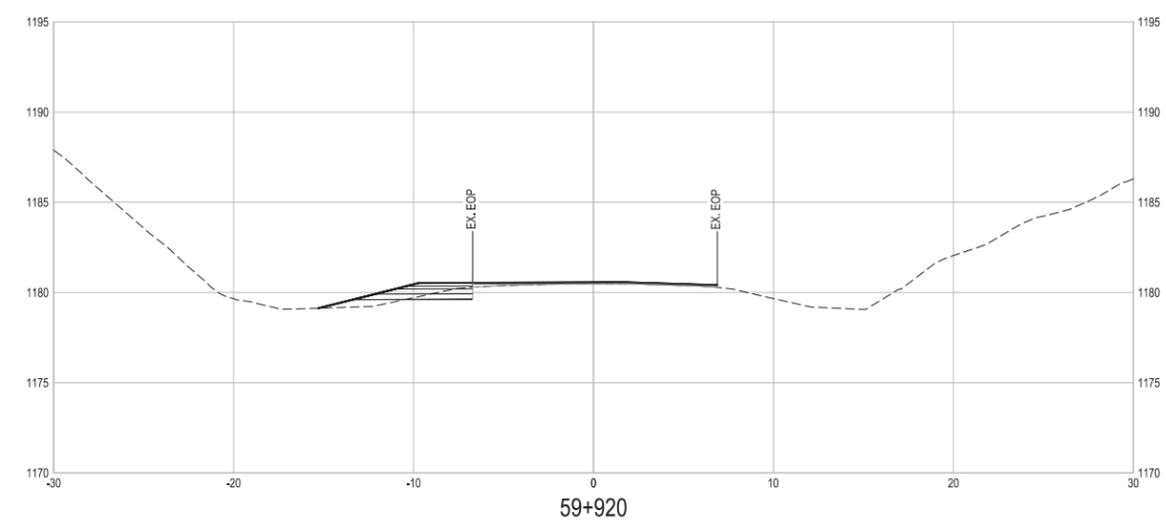
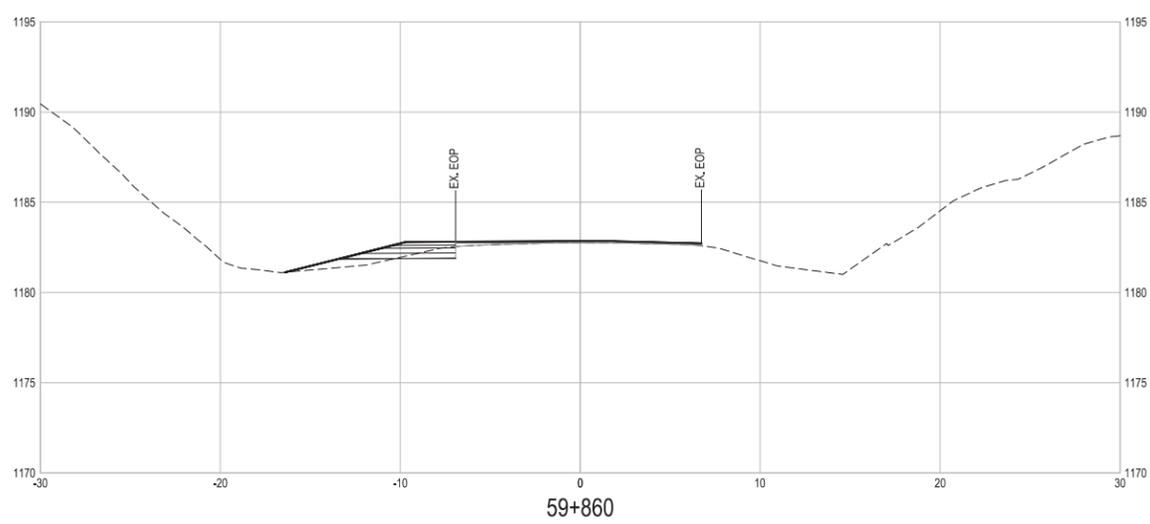
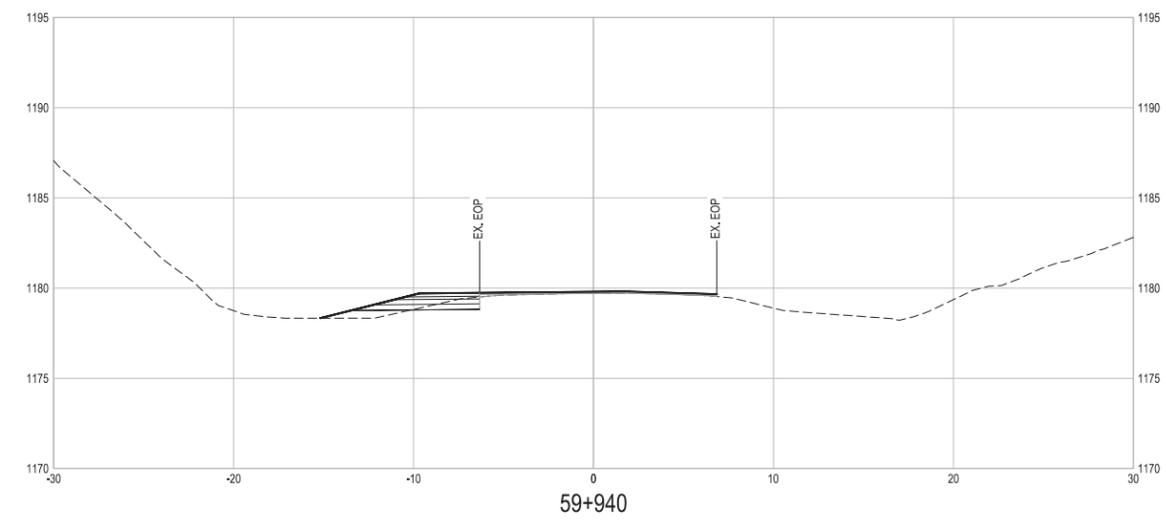
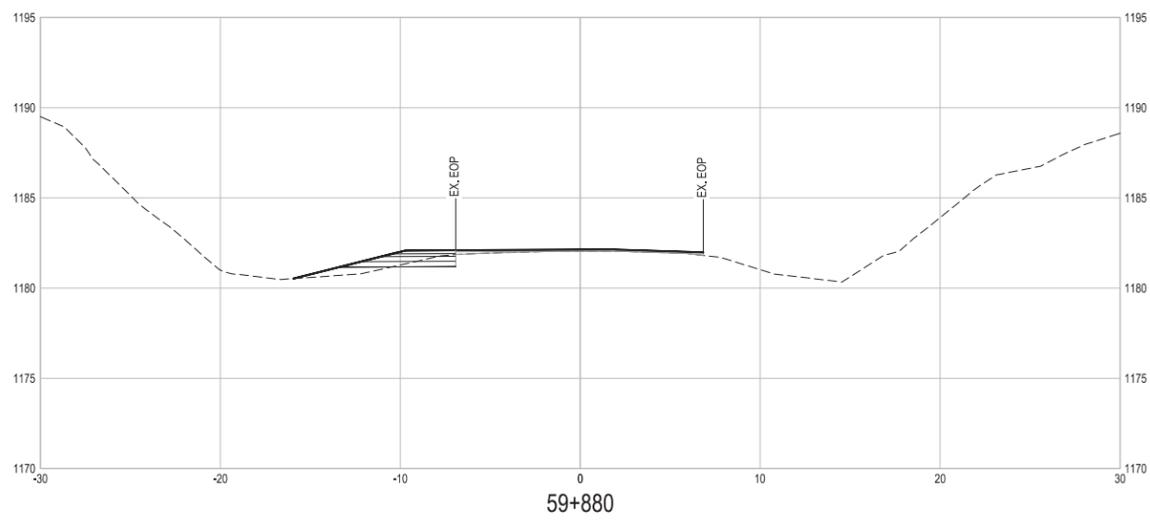
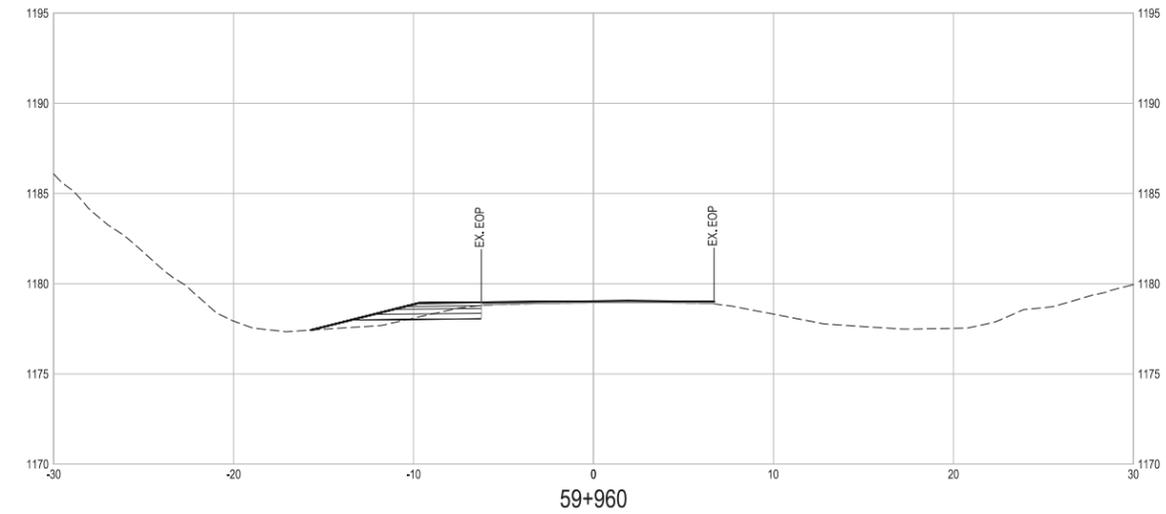
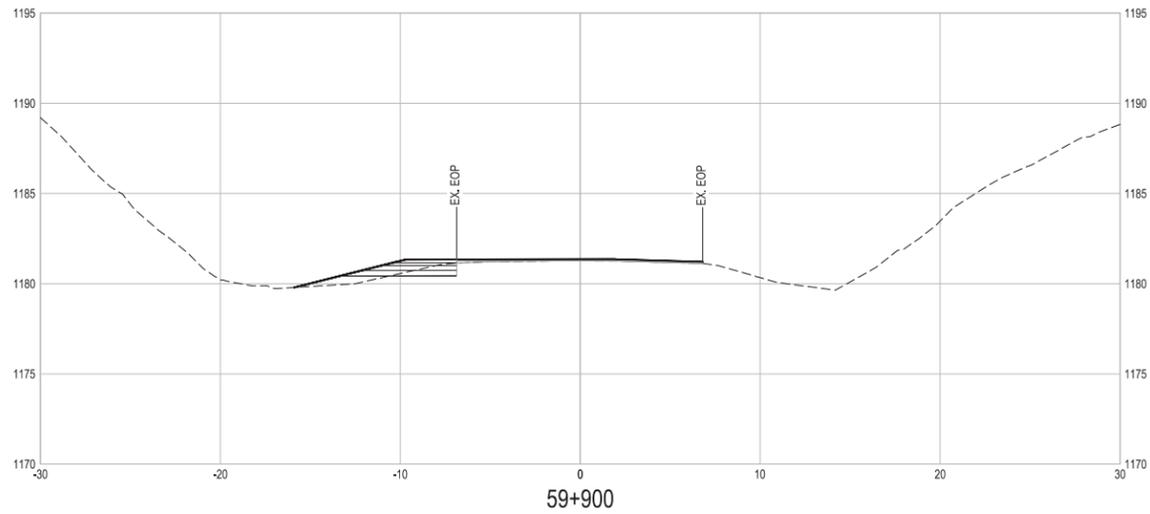
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Sheet No./
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Drawing Reference No./No. de référence du dessin
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of 32

Plotted: April 14, 2016, 10:12:57
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	detail number / numéro de détail
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C	detail on drawing no. / détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 59+860 - 59+960

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

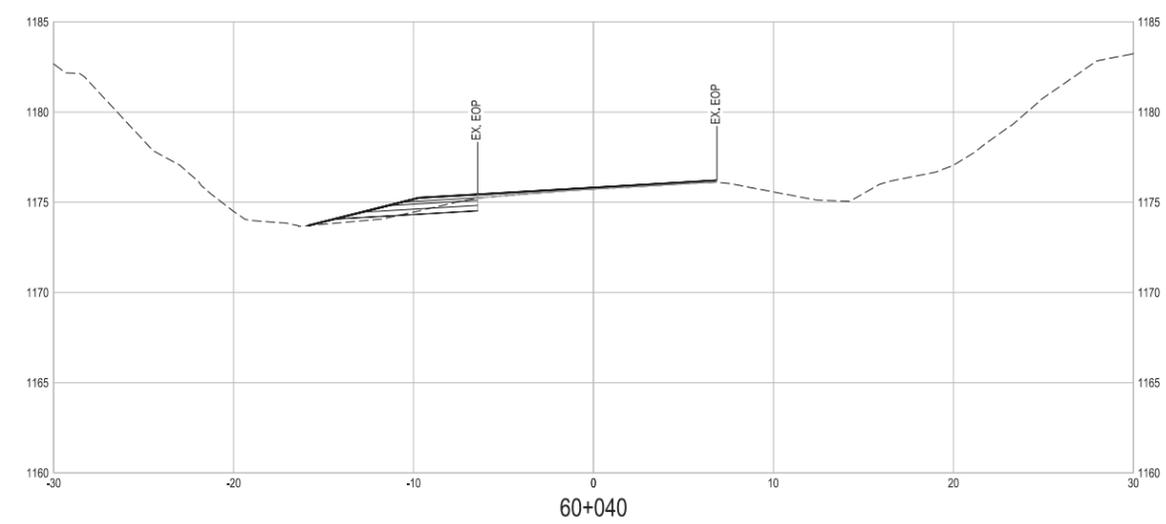
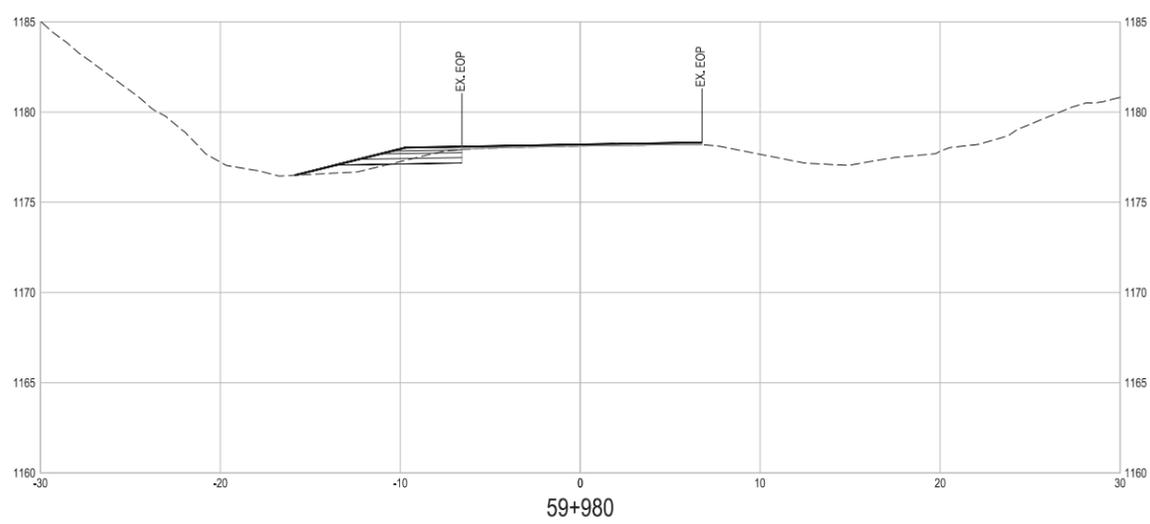
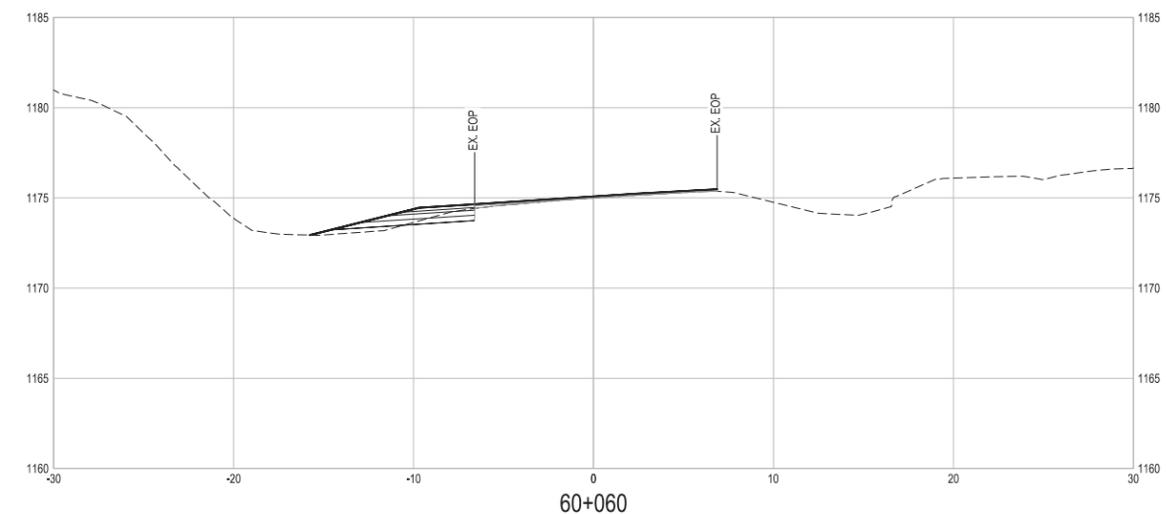
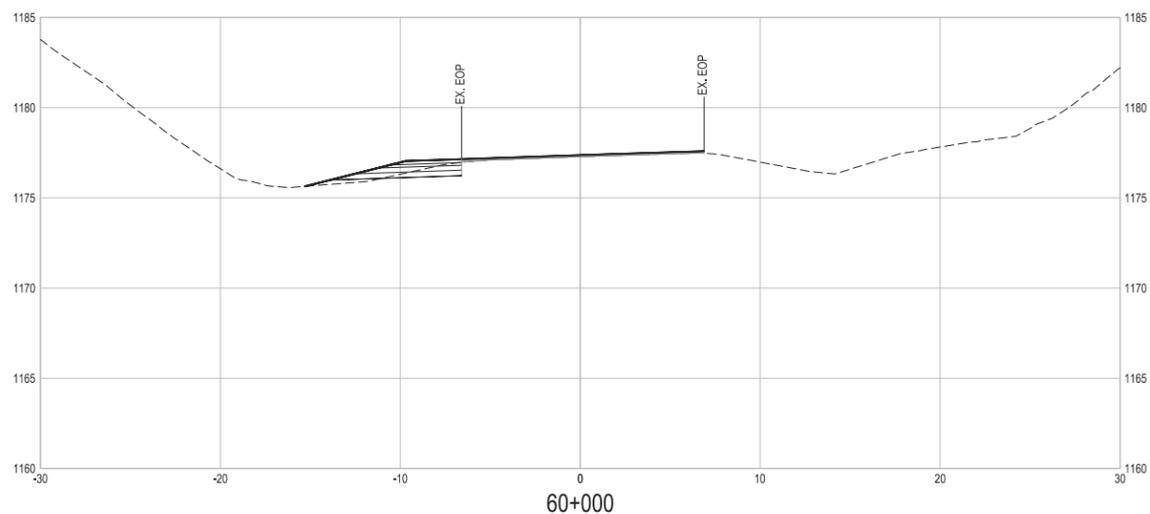
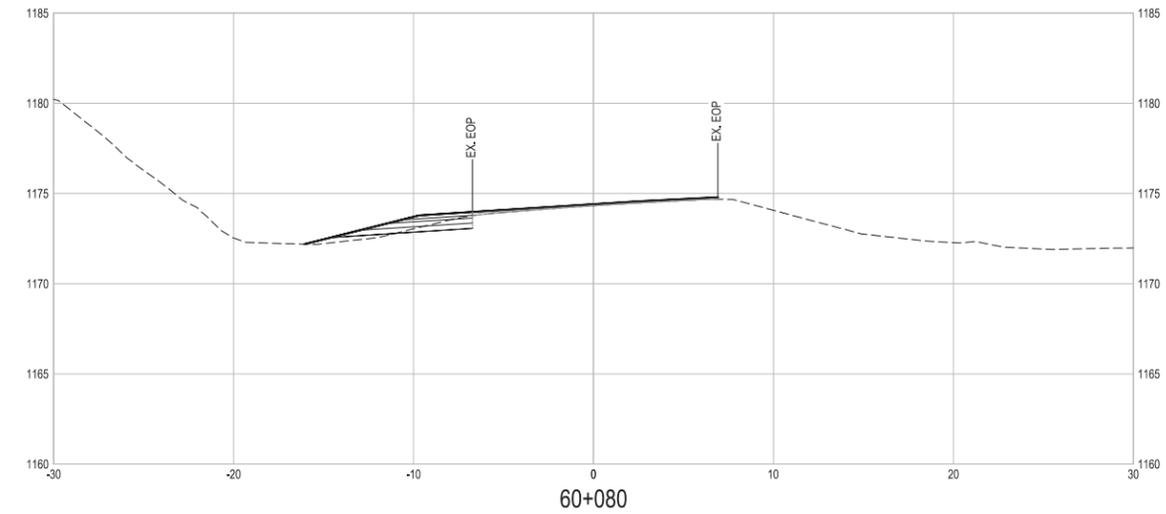
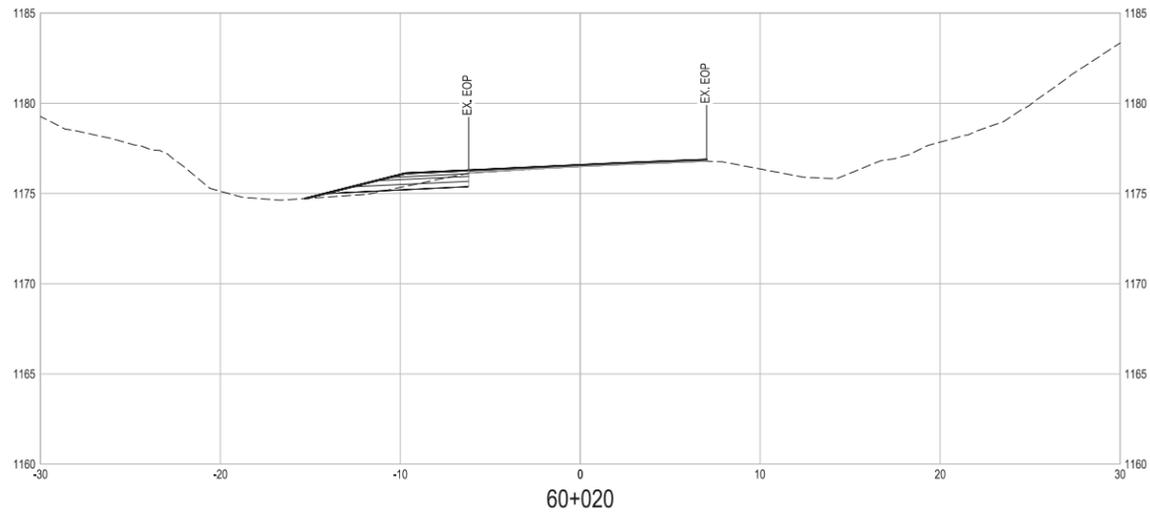
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS29
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhannay

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 59+980 - 60+080

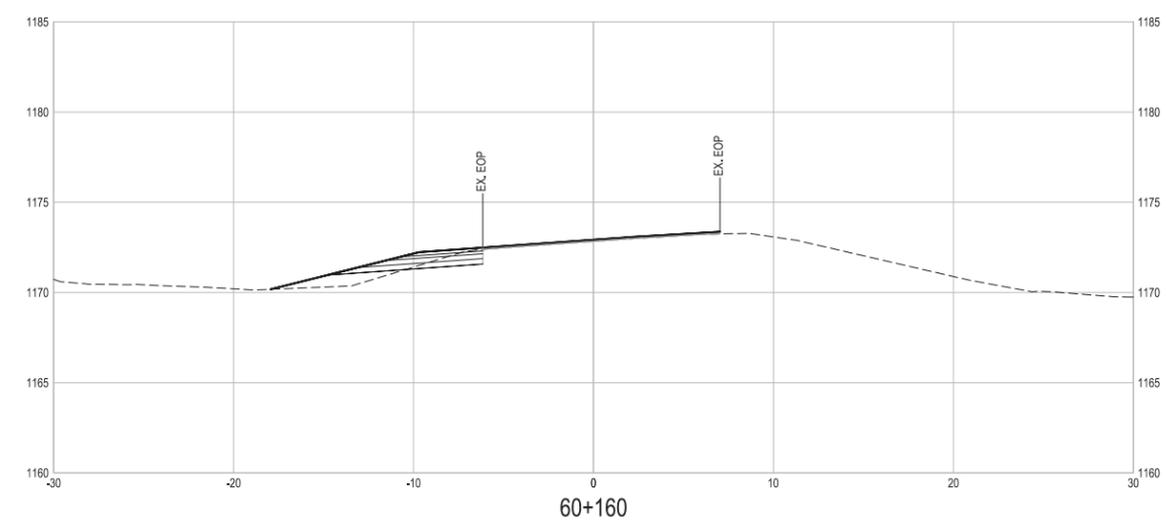
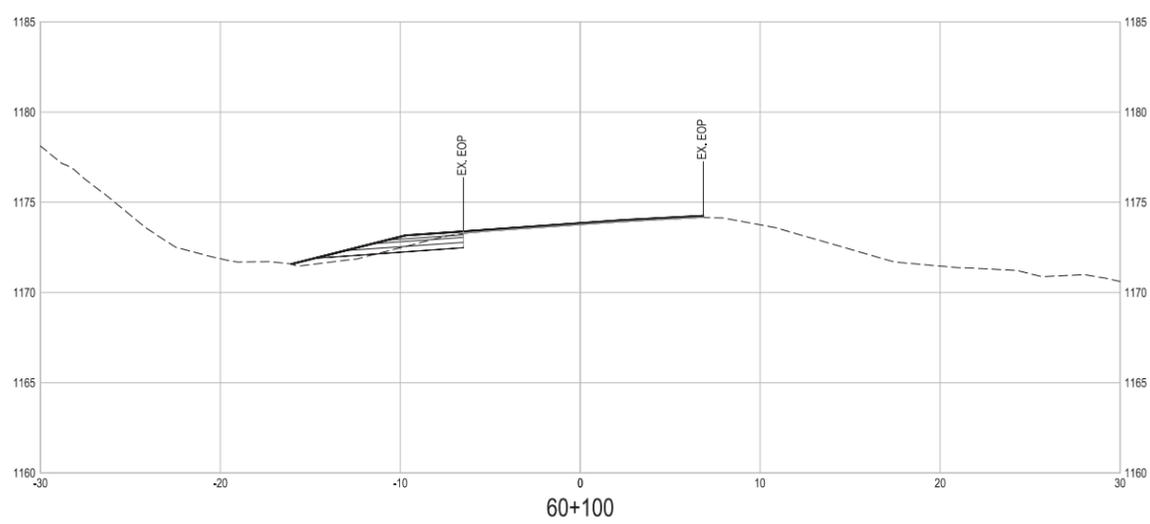
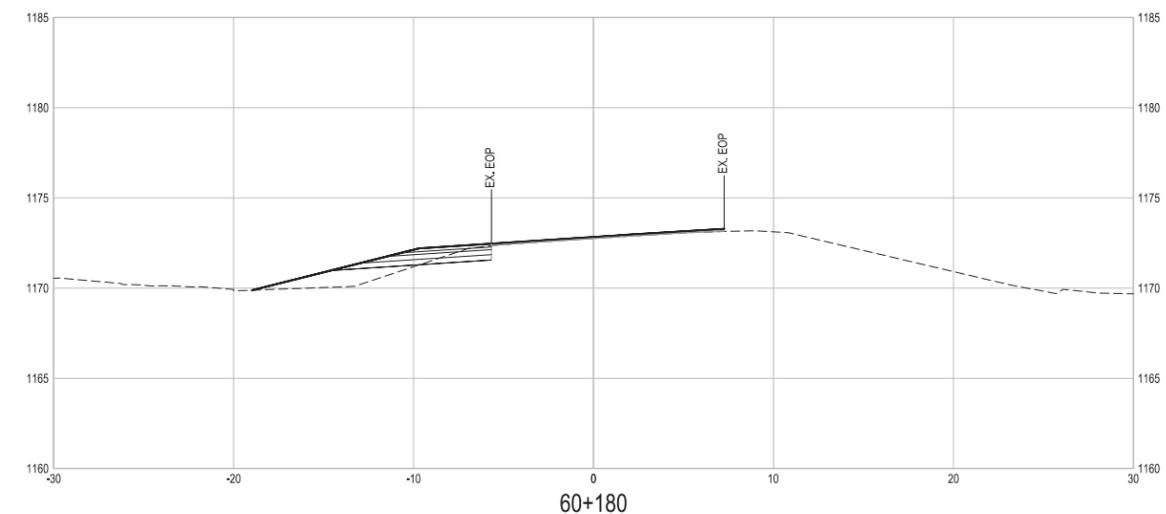
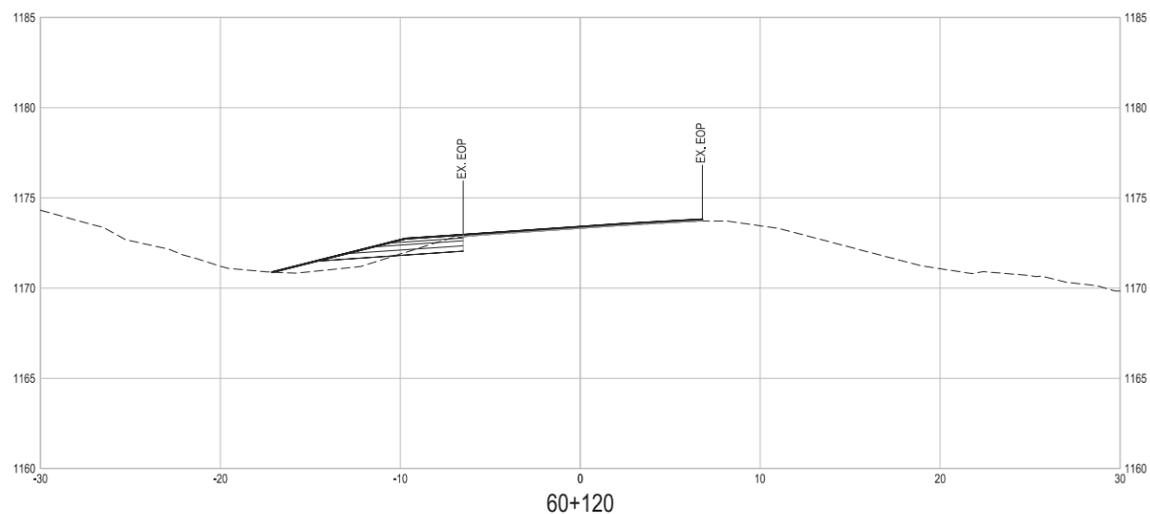
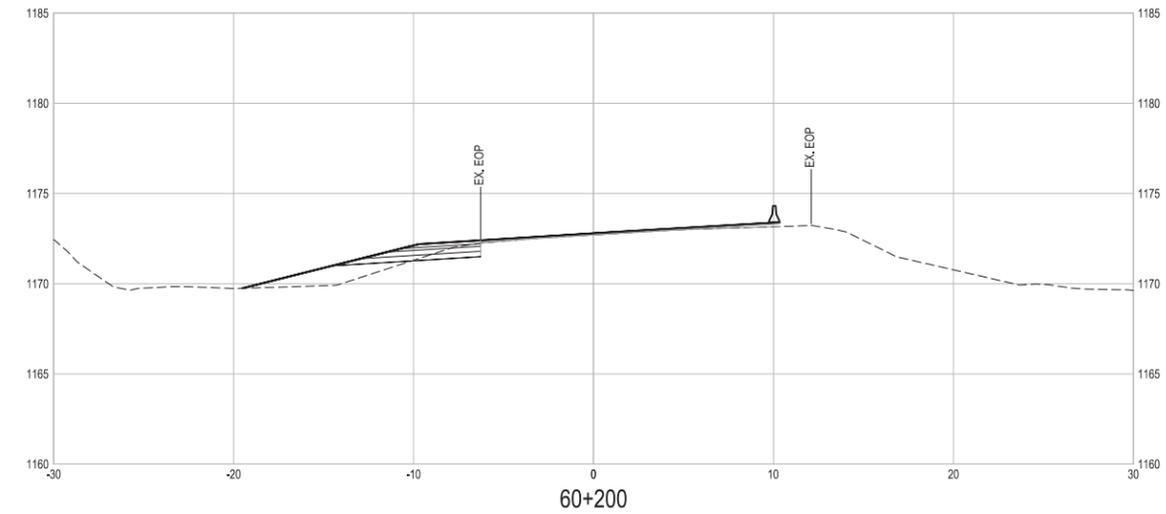
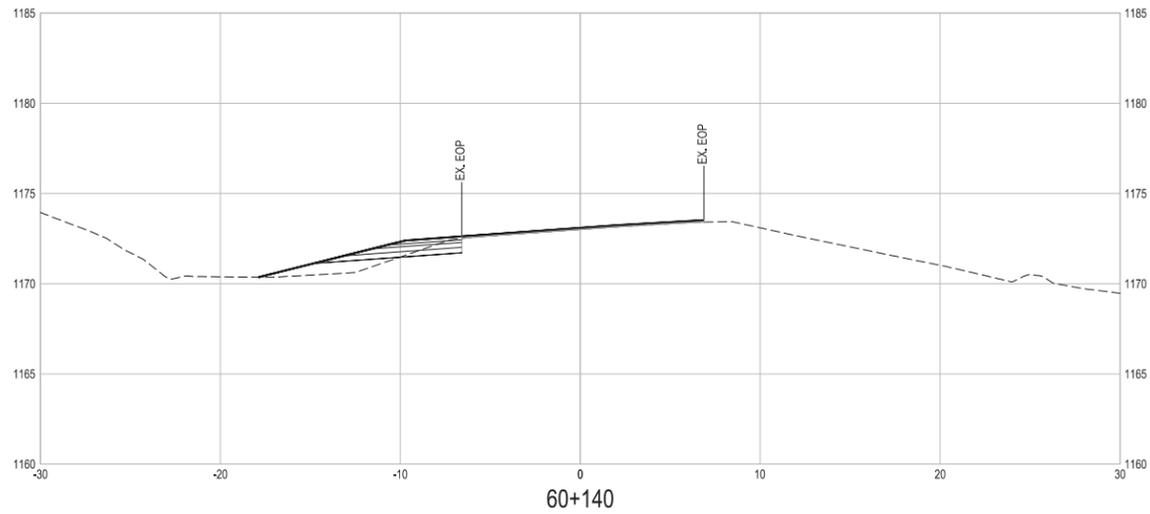
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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201536A		XS30
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 CLIMBING LANE**

STA 60+100 - 60+200

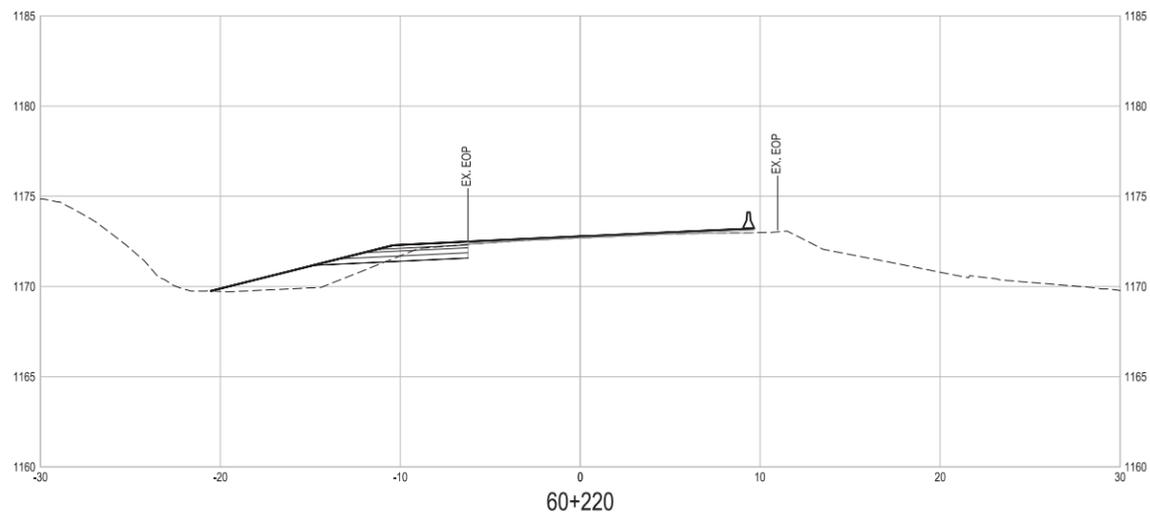
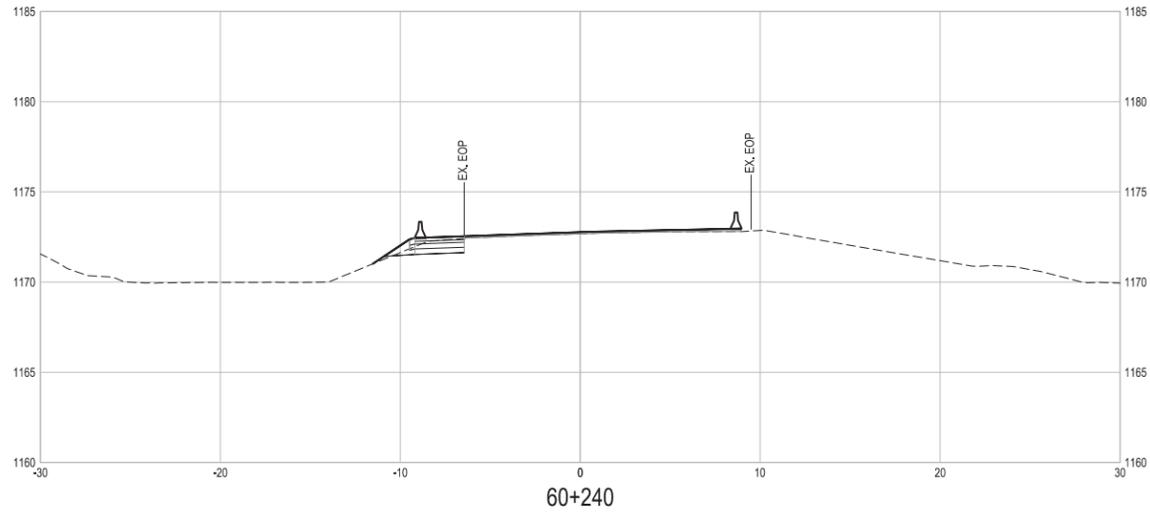
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS31
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
---	------------------------------------

Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
CLIMBING LANE**

STA 60+220 - 60+240

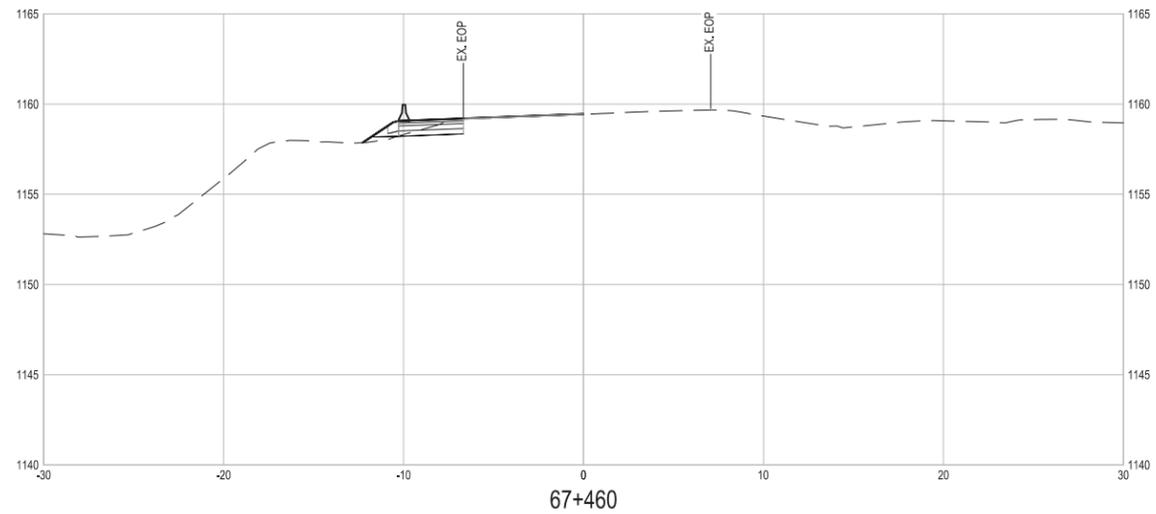
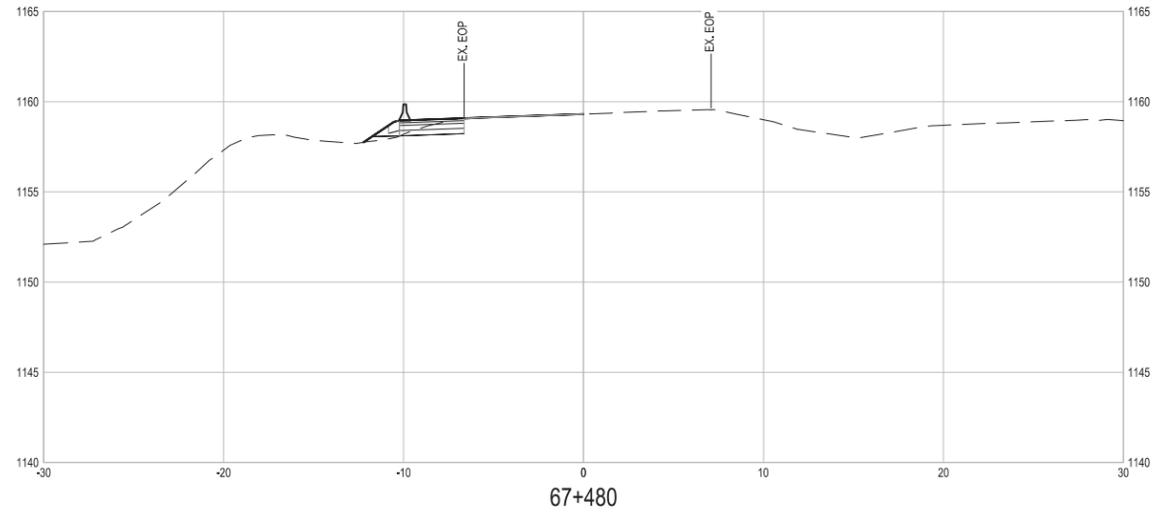
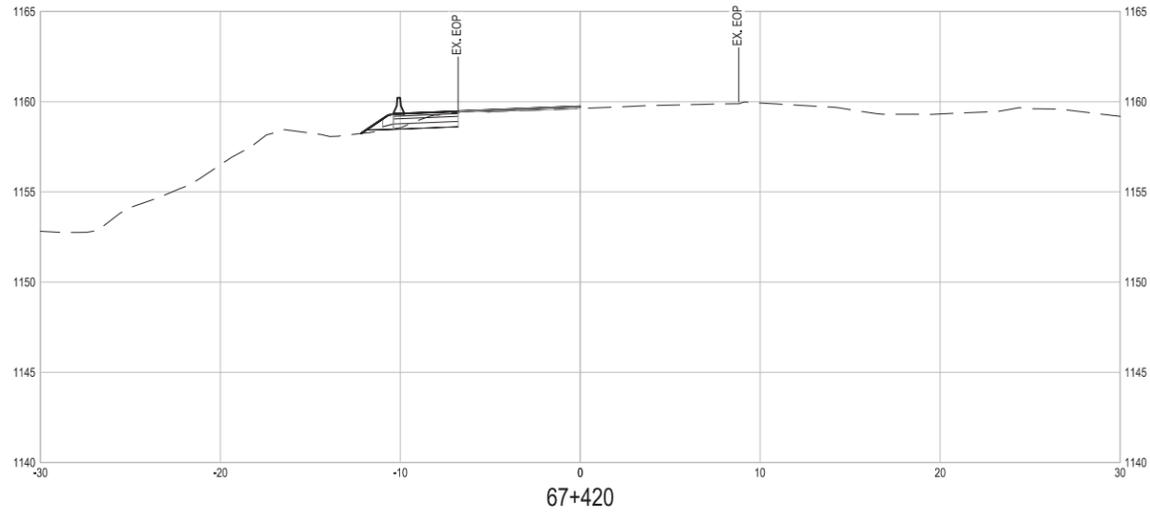
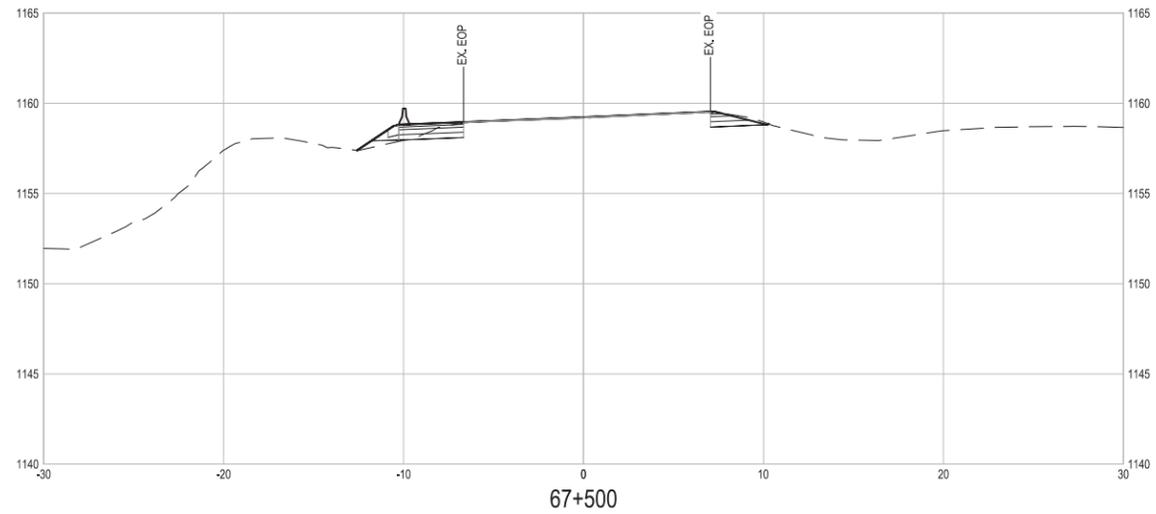
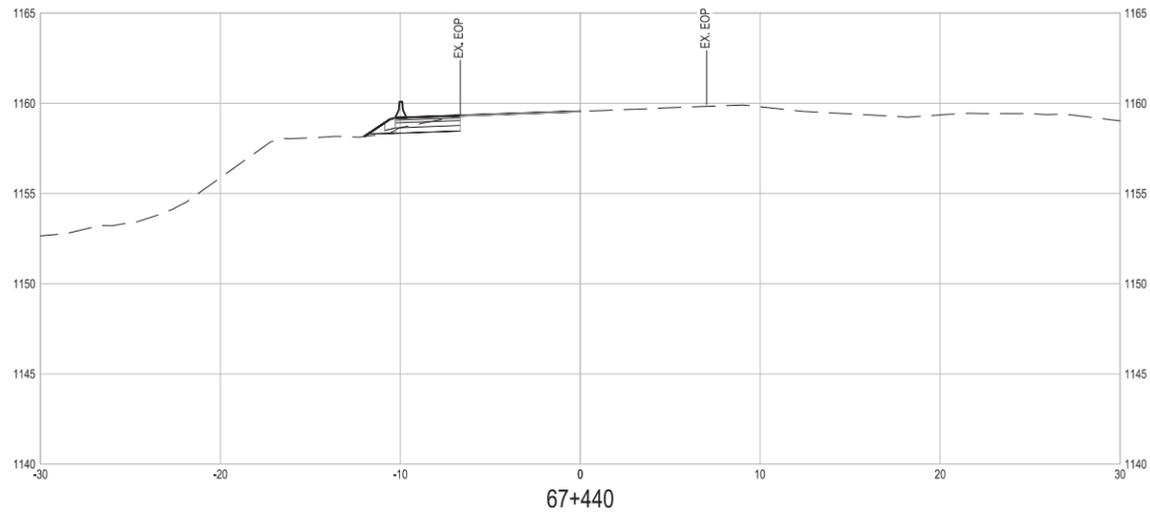
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS32
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:30:39
 File name: O:\Proj\21-00202-00 PCA - 035 Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\CA-KM 61 to 611\03.6 Sheets\0202-C4-XSEC.dwg\XS01



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NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision	
A	A detail number numéro de détail
B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
DOLLY VARDEN PICNIC AREA**

STA 67+400 - 67+500

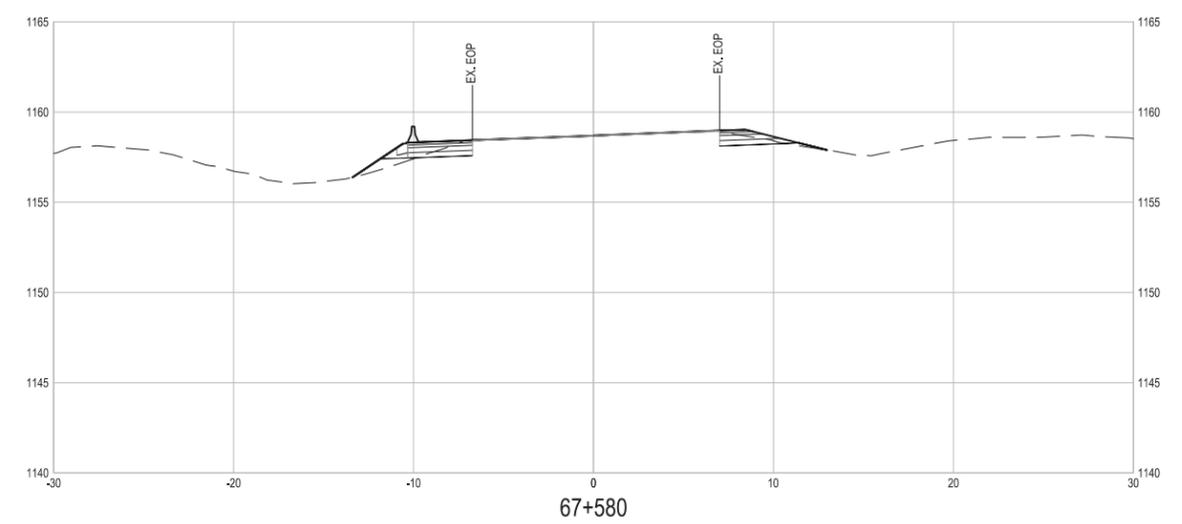
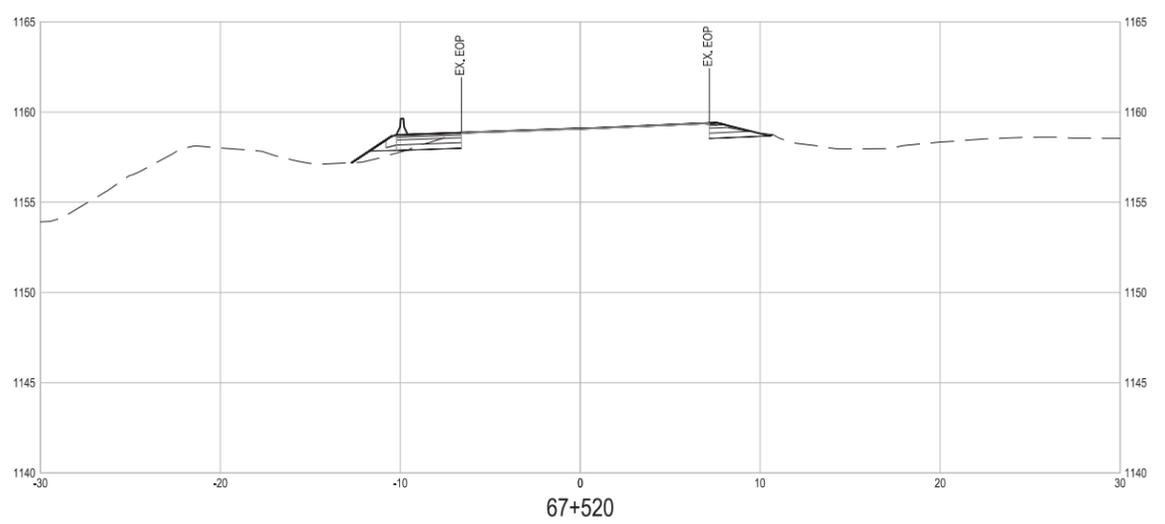
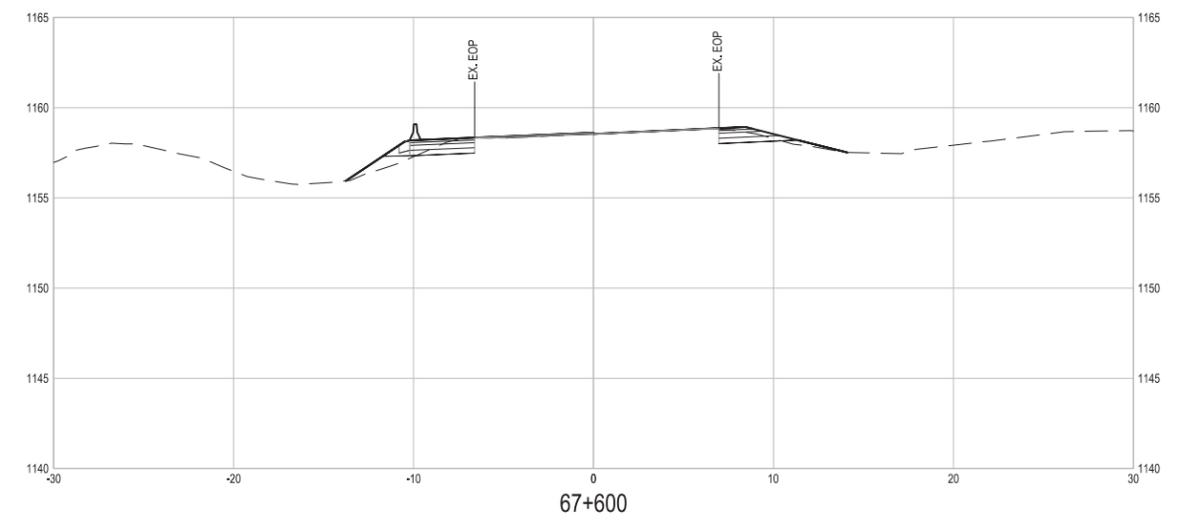
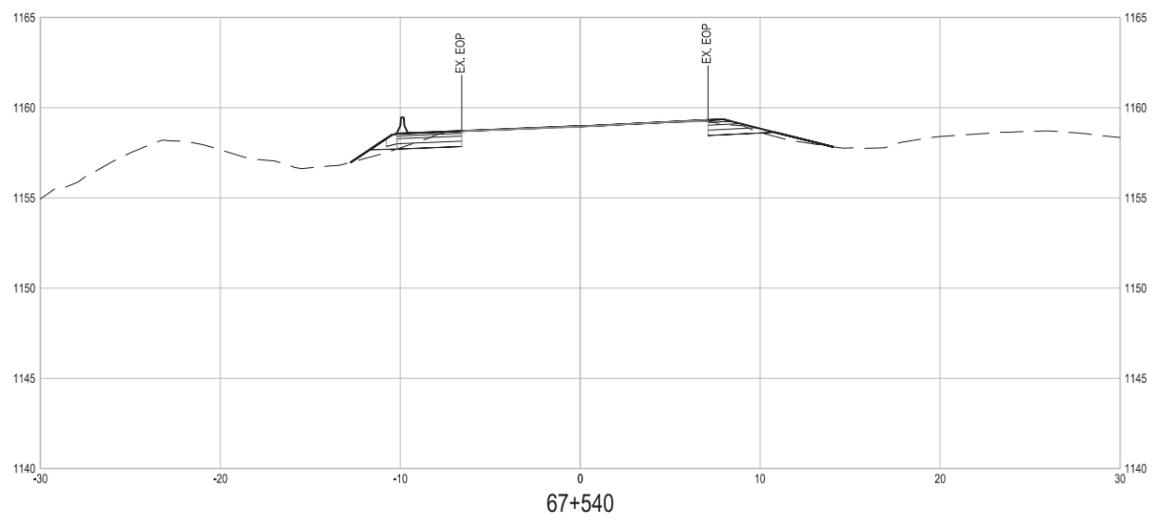
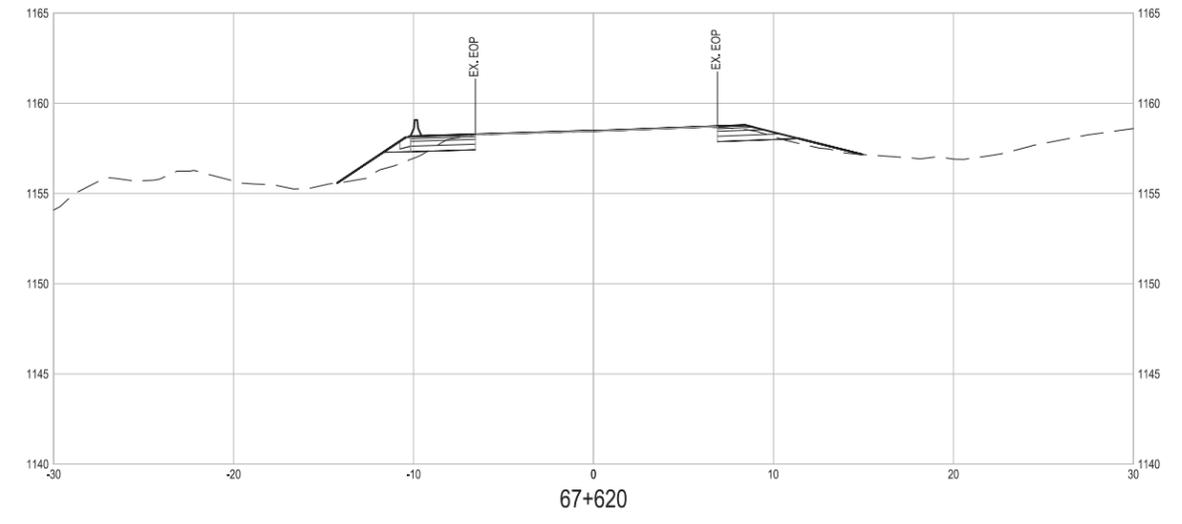
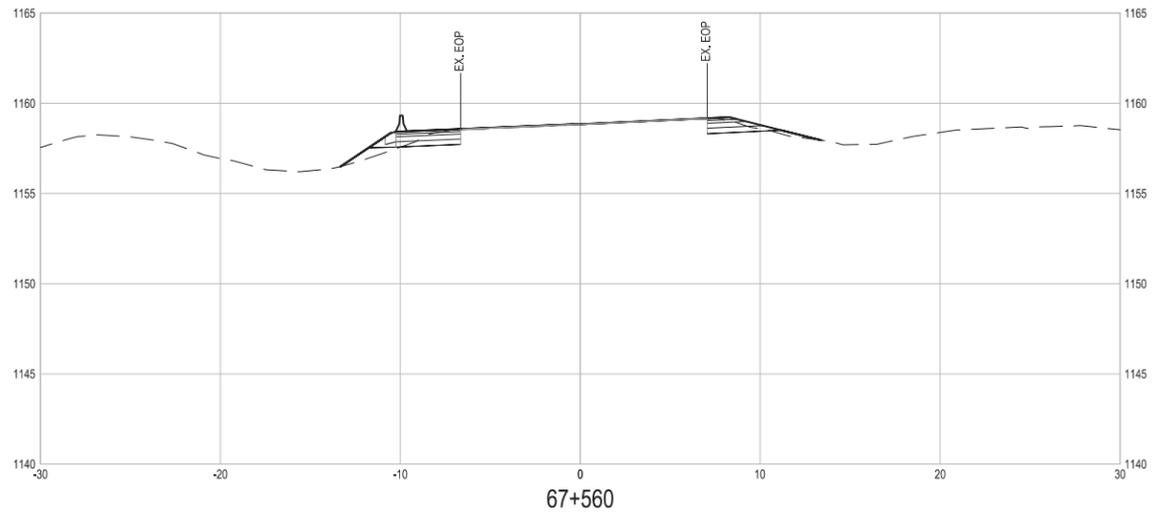
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS01
Drawing Reference No./No. de référence du dessin		of 11
2121-00202-00-C4		

Plotted: April 14, 2016, 10:31:00
 File name: O:\Proj\21-00202-00 PCA - 035 Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\C4-KM 61 to 611\03.6 Sheets\0202-C4-XSEC.dwg\XS02



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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 DOLLY VARDEN PICNIC AREA**

STA 67+520 - 67+620

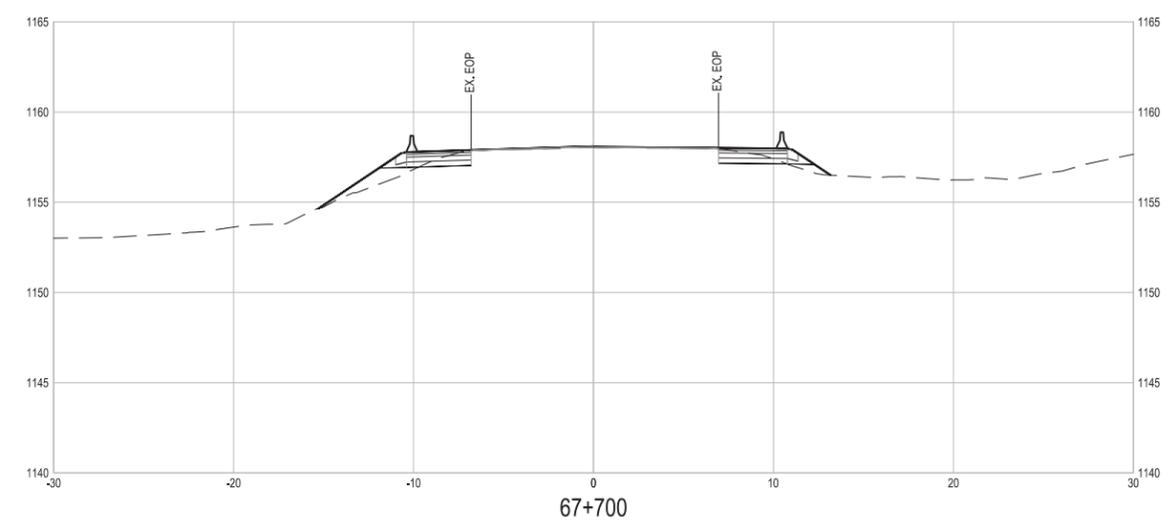
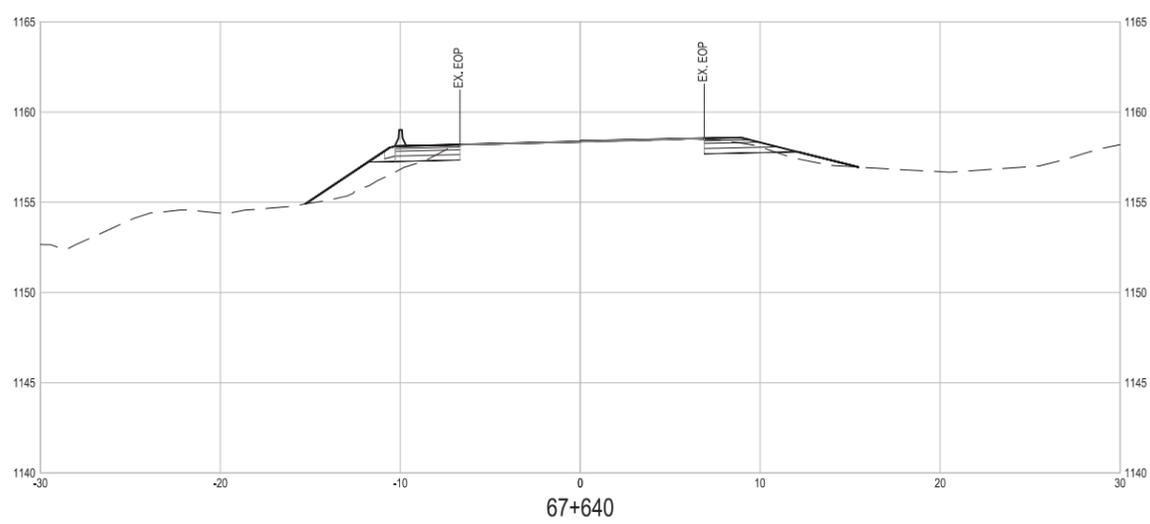
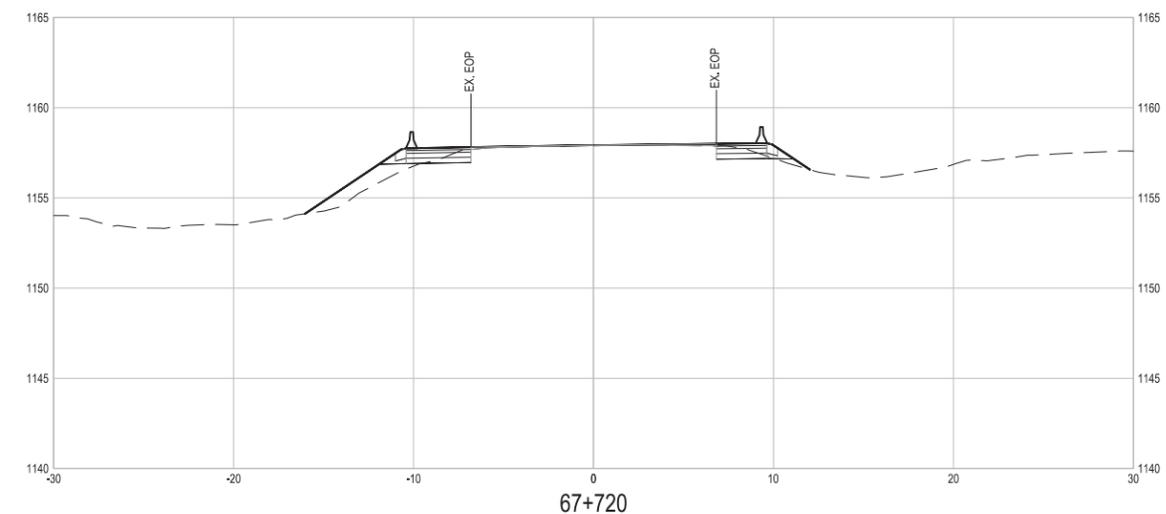
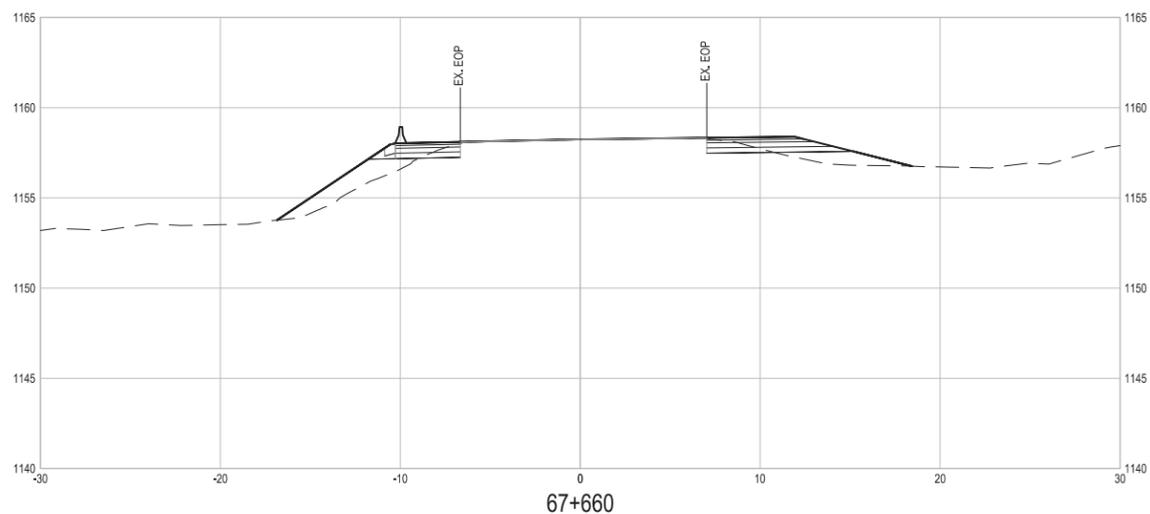
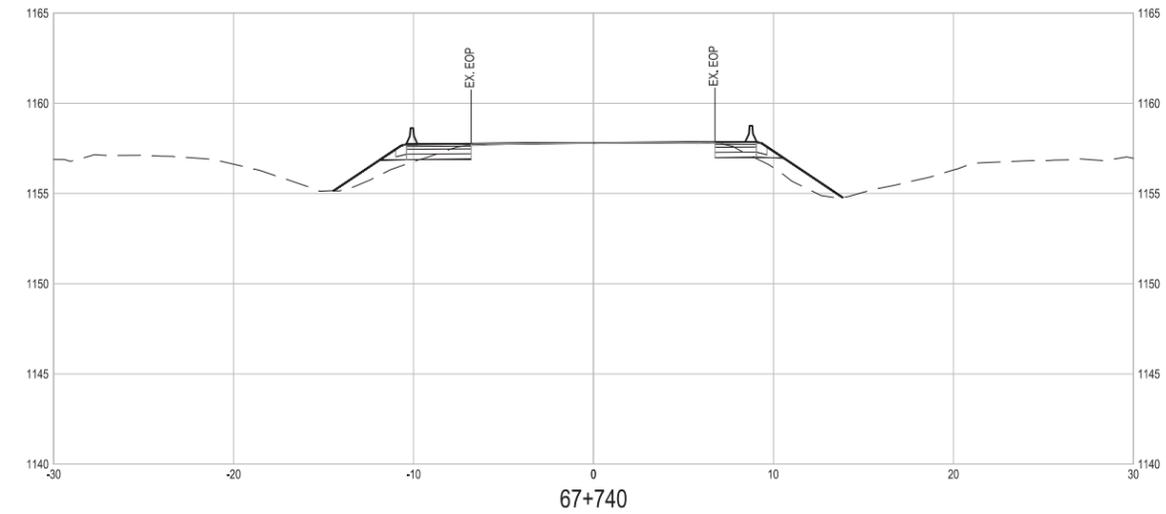
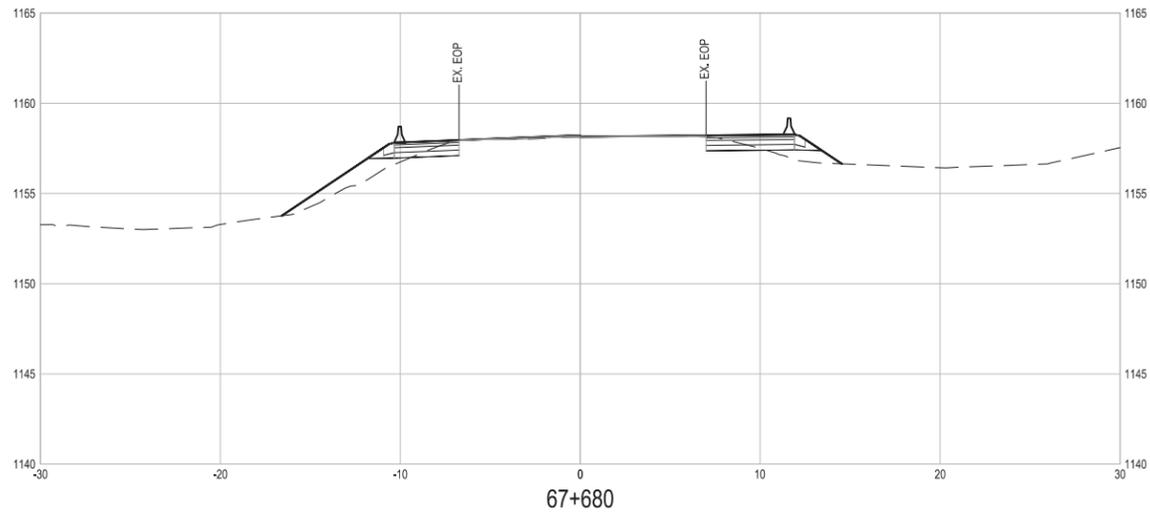
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
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Drawing Reference No./No. de référence du dessin		of 11
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Plotted: April 14, 2016, 10:31:20
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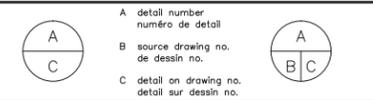
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				



Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 DOLLY VARDEN PICNIC AREA**

STA 67+640 - 67+740

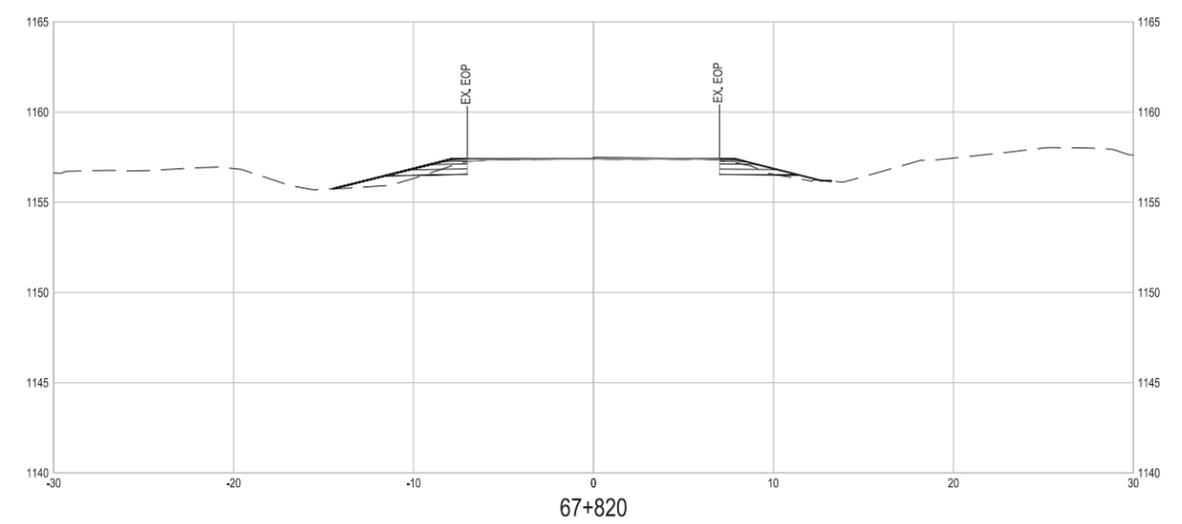
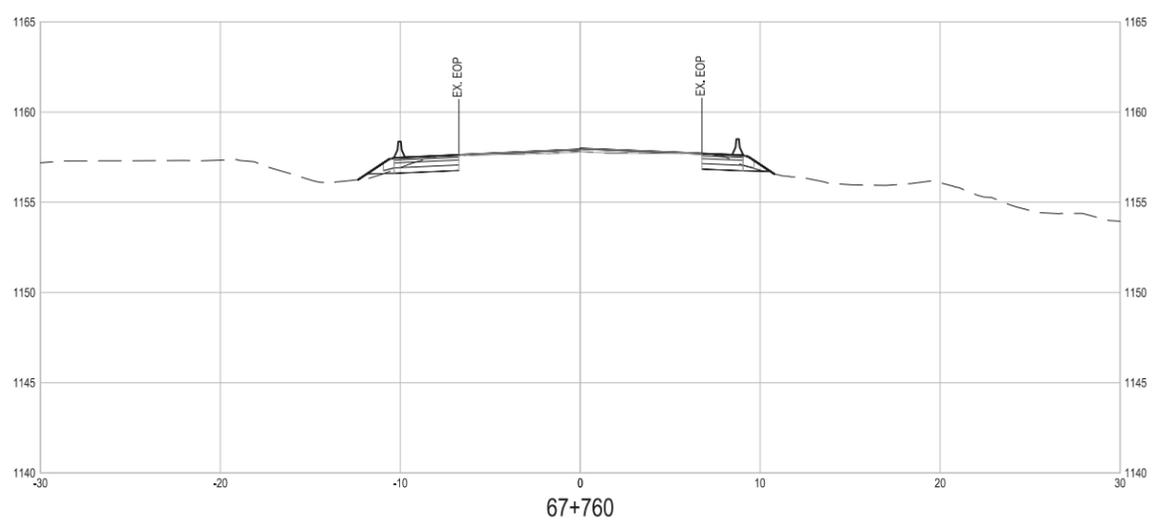
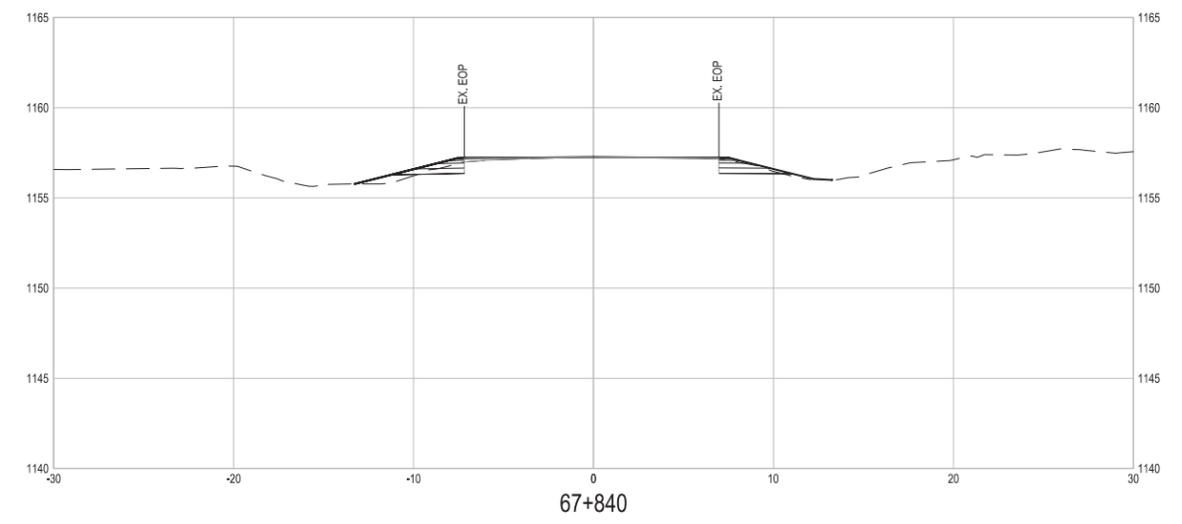
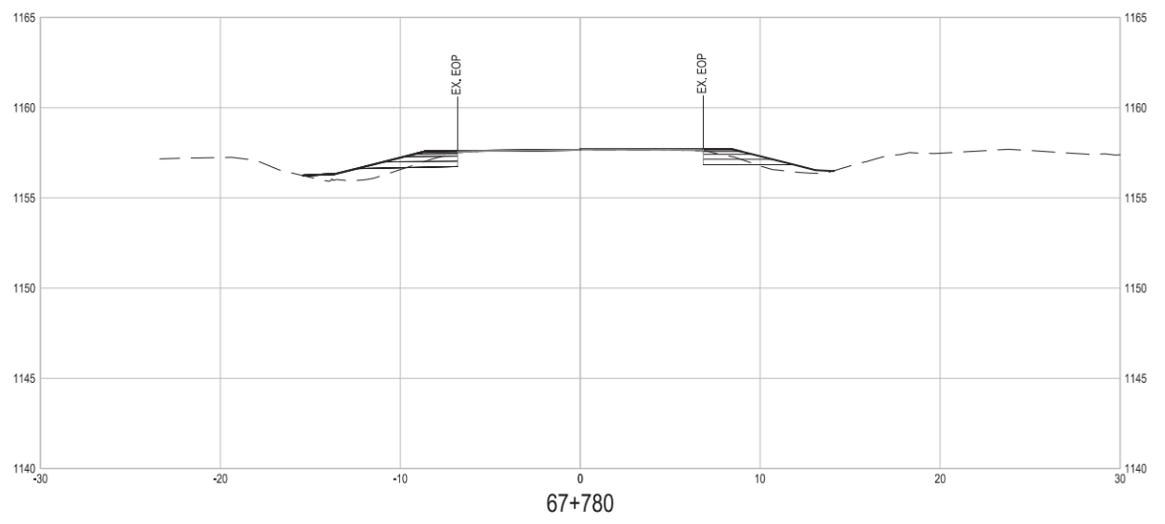
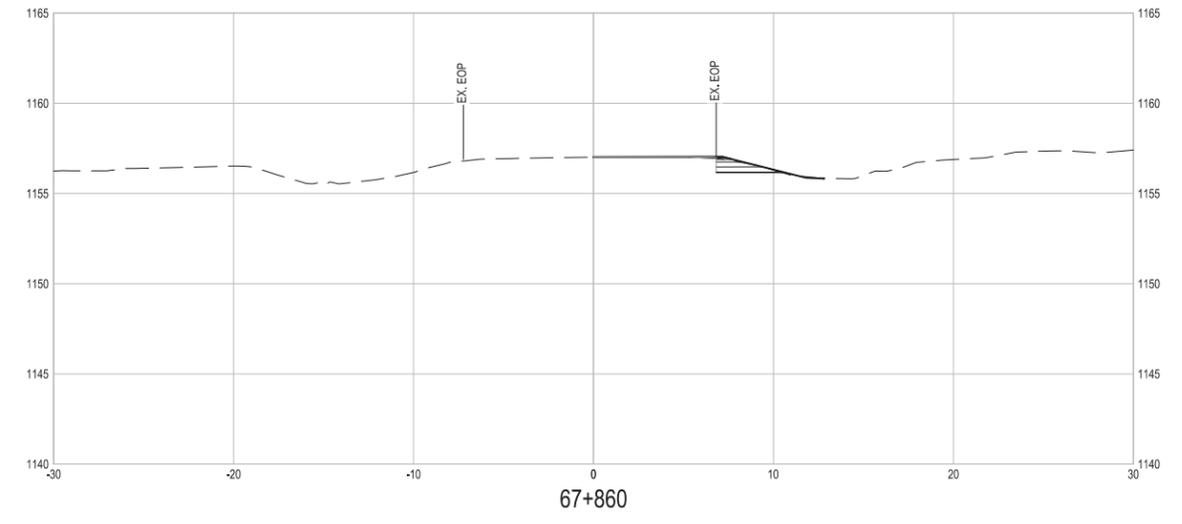
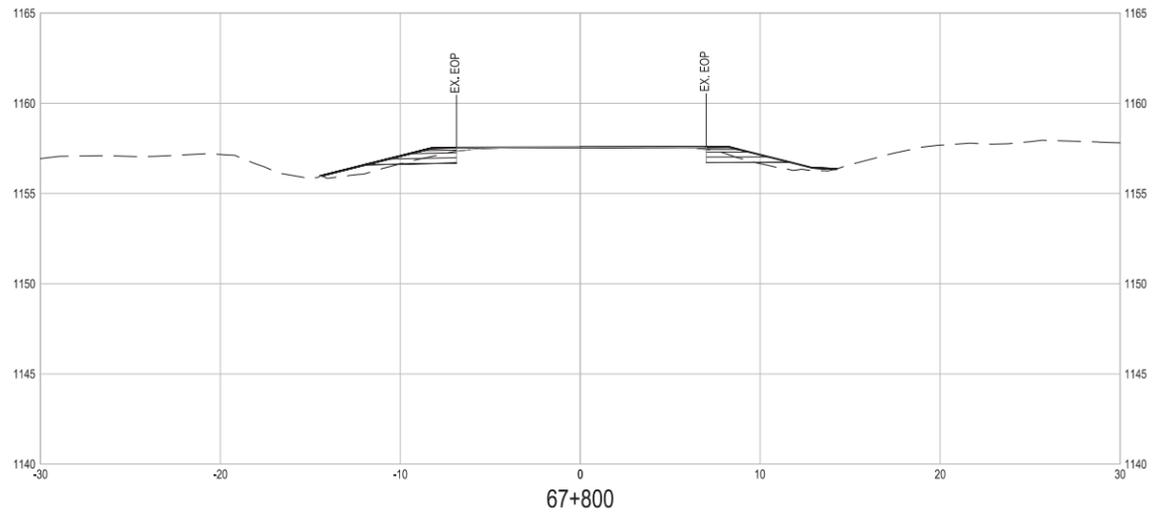
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS03
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhannay

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 DOLLY VARDEN PICNIC AREA**

STA 67+760 - 67+860

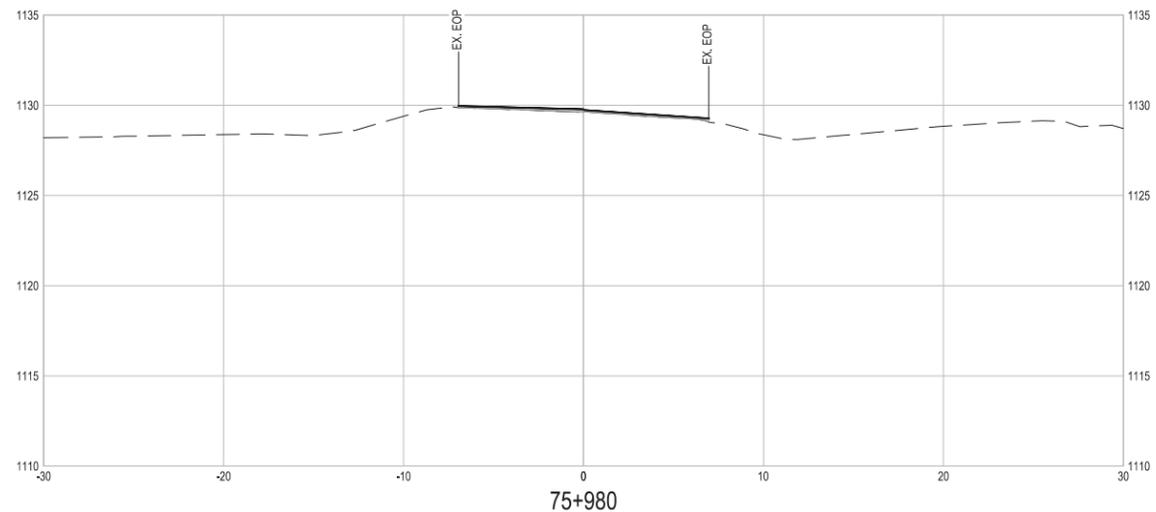
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	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
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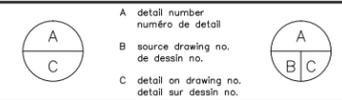
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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				



Consultant's Stamp
 Sceau de l'expert-conseil

Eng. Stamp
 Sceau de l'ingénieur

Client/client

Parks Canada Agency
 Western and Northern Region

L'Agence Parcs Canada
 Ouest et Nord Région

Consultant's Name
 Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 DOLLY VARDEN PICNIC AREA**

75+980

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

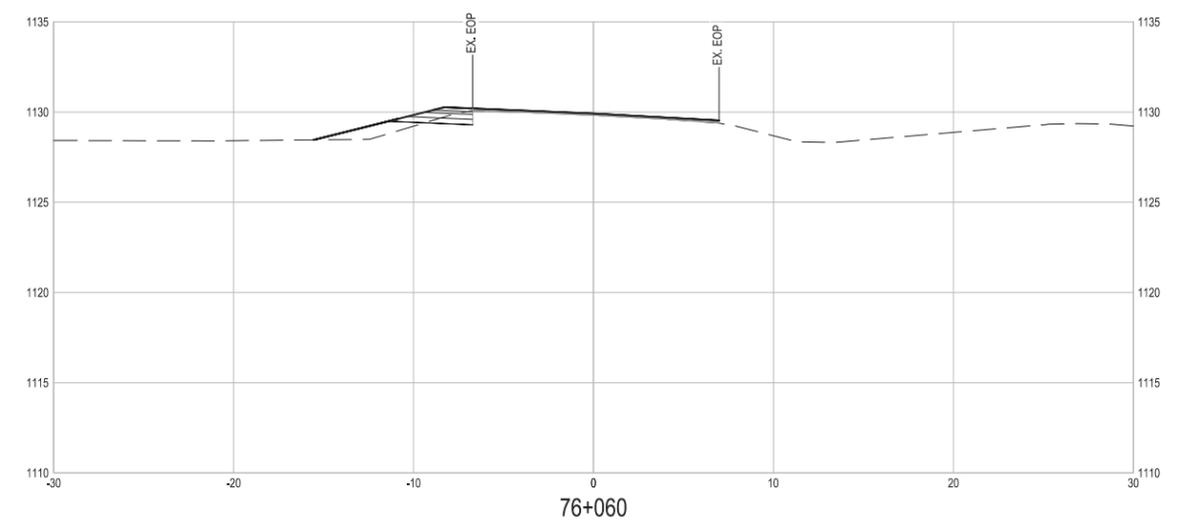
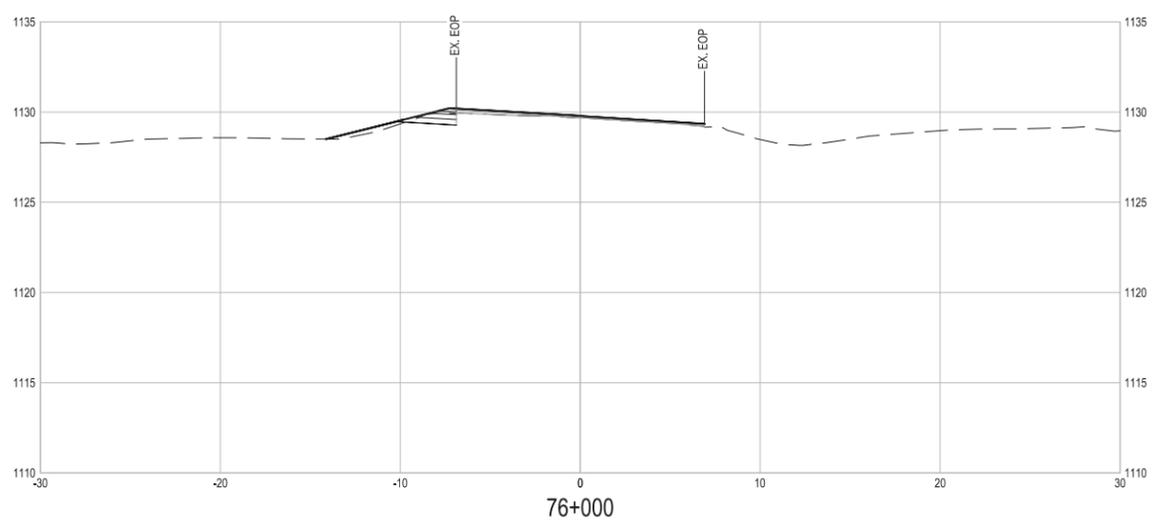
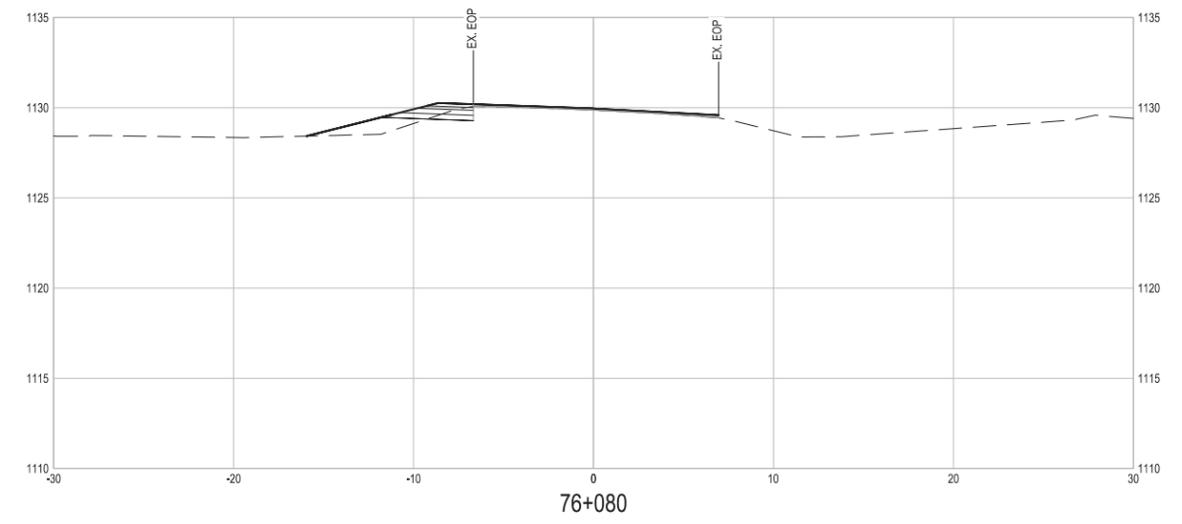
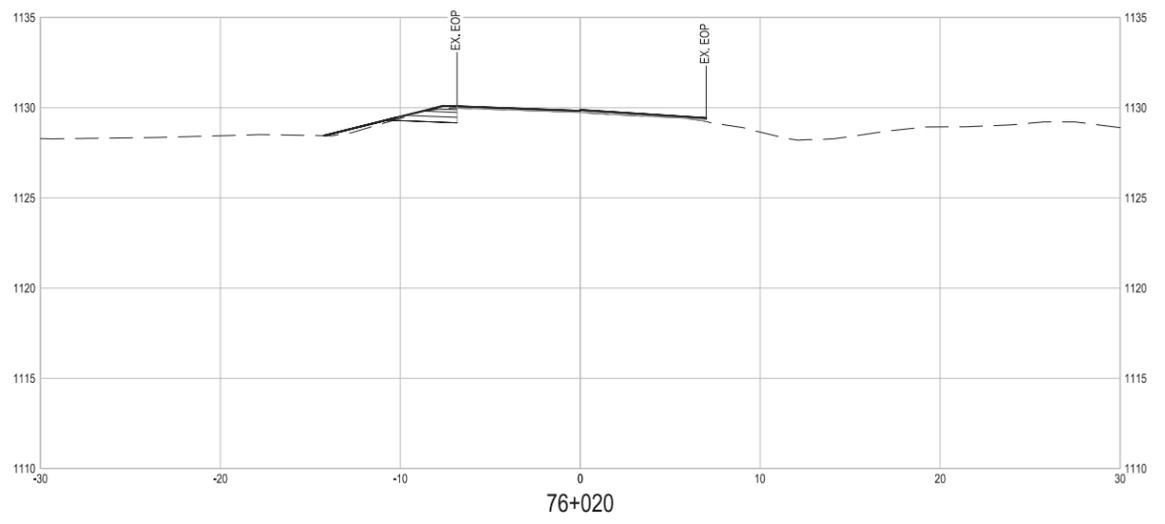
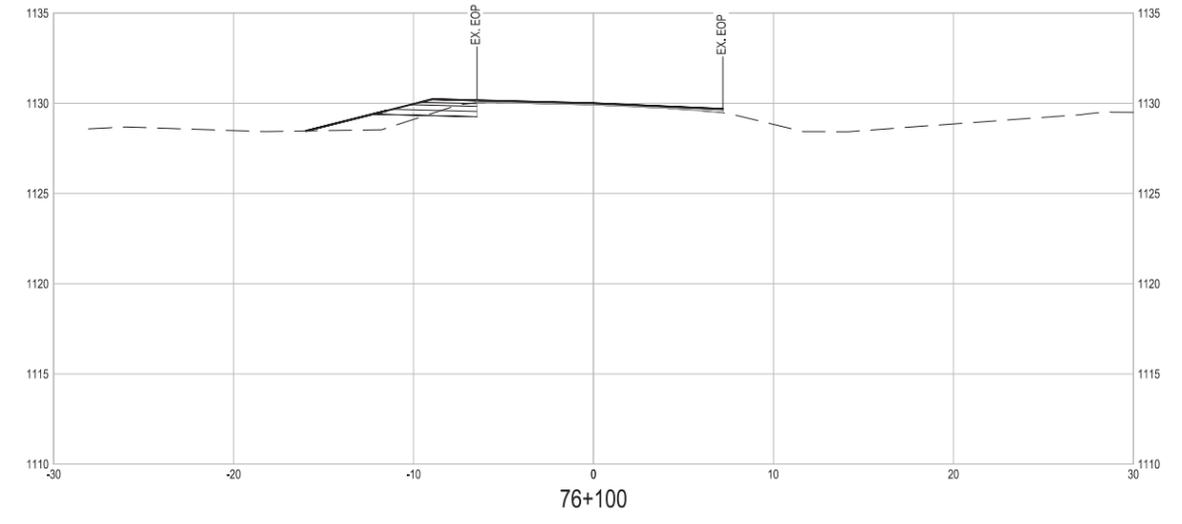
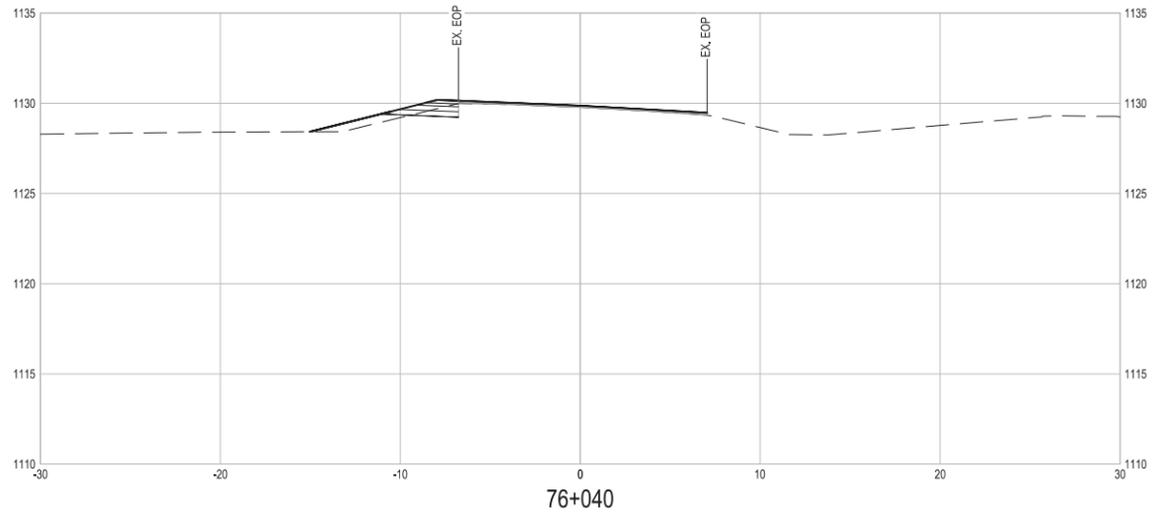
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201536A		XS05
Drawing Reference No./No. de référence du dessin		of 11
2121-00202-00-C4		

Plotted: April 14, 2016, 10:32:22
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C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
MCLEOD MEADOWS CAMPGROUND**

STA 76+000 - 76+100

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS06
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

 Parks Canada
Agency
Western and
Northern Region

L'Agence Parcs
Canada
Ouest et Nord
Région

Consultant's Name
Nom de l'expert-conseil

 **McElhanney**

Project title/Titre du projet

**HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
MCLEOD MEADOWS CAMPGROUND**

STA 76+120 - 76+220

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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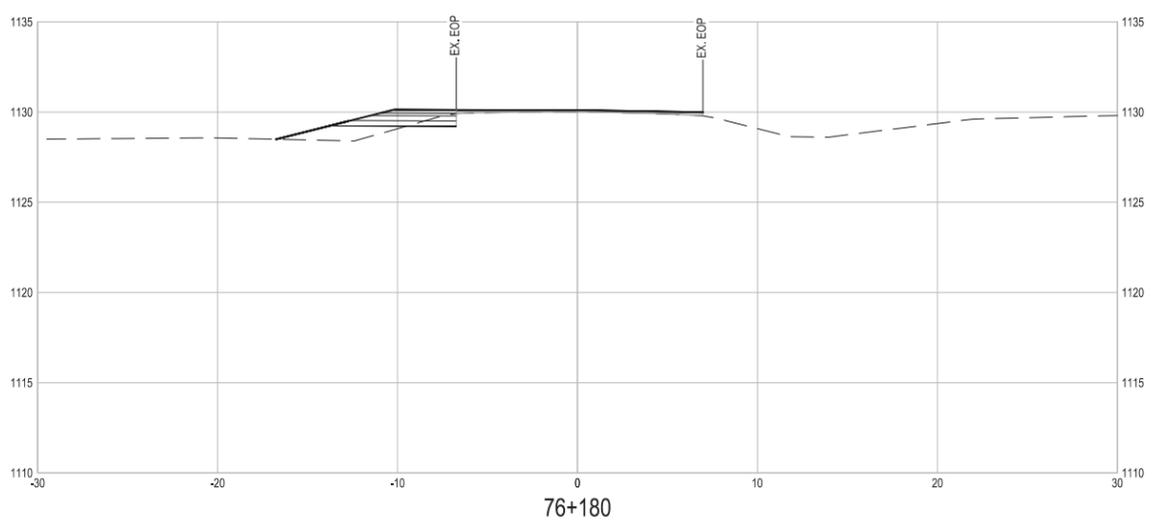
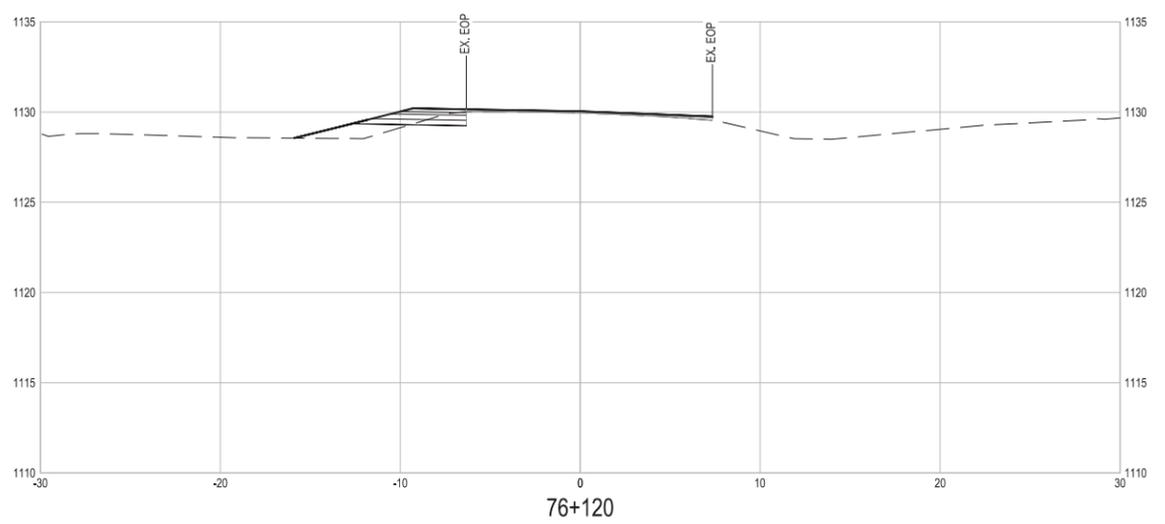
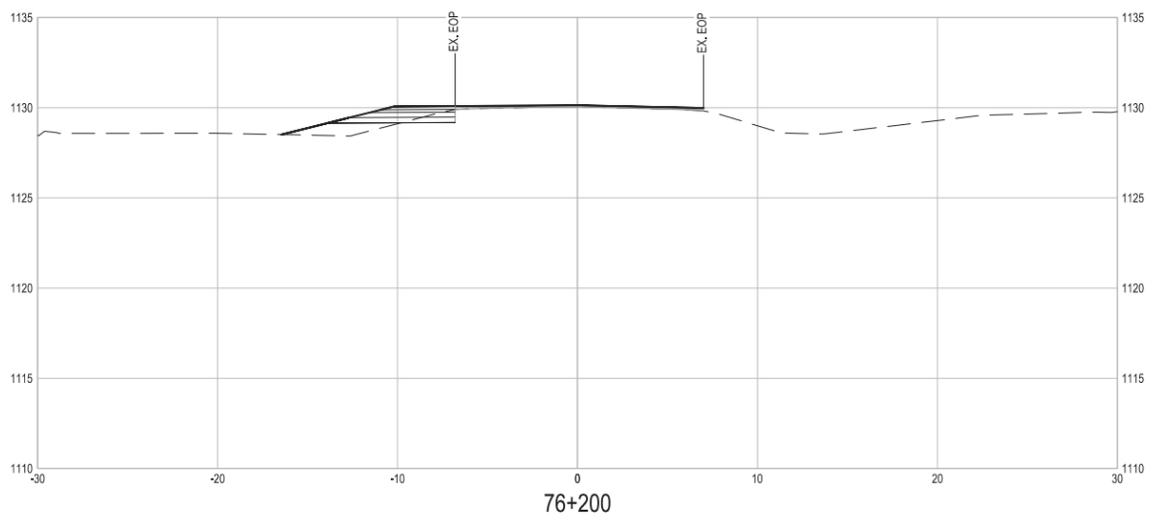
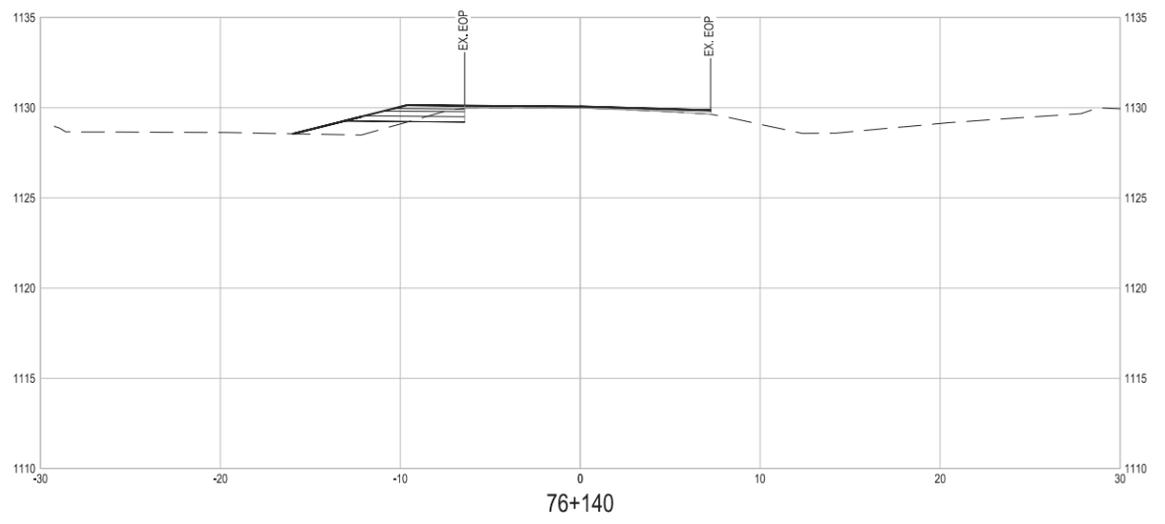
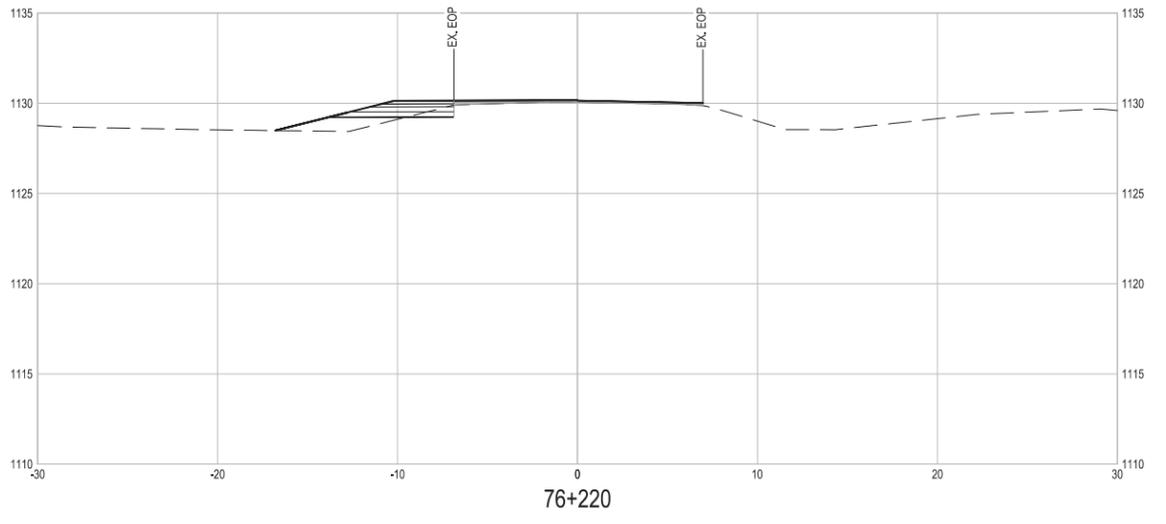
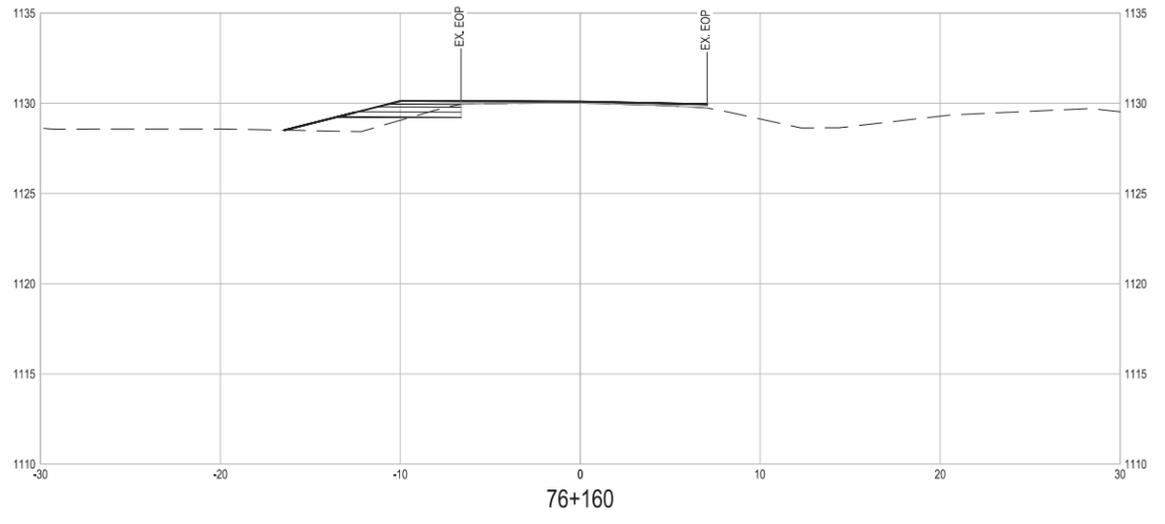
Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS07

Drawing Reference No./No. de référence du dessin

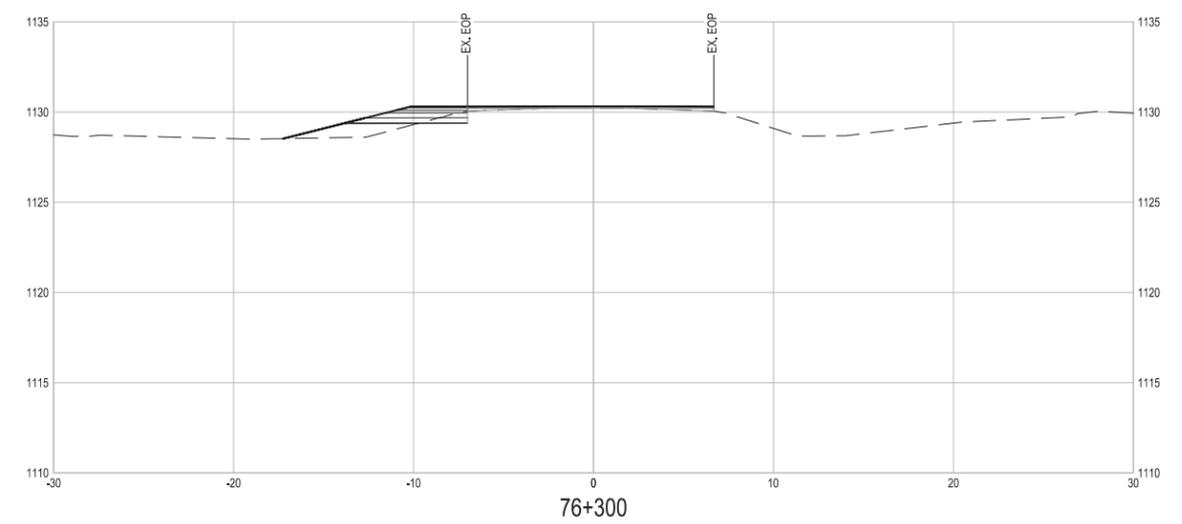
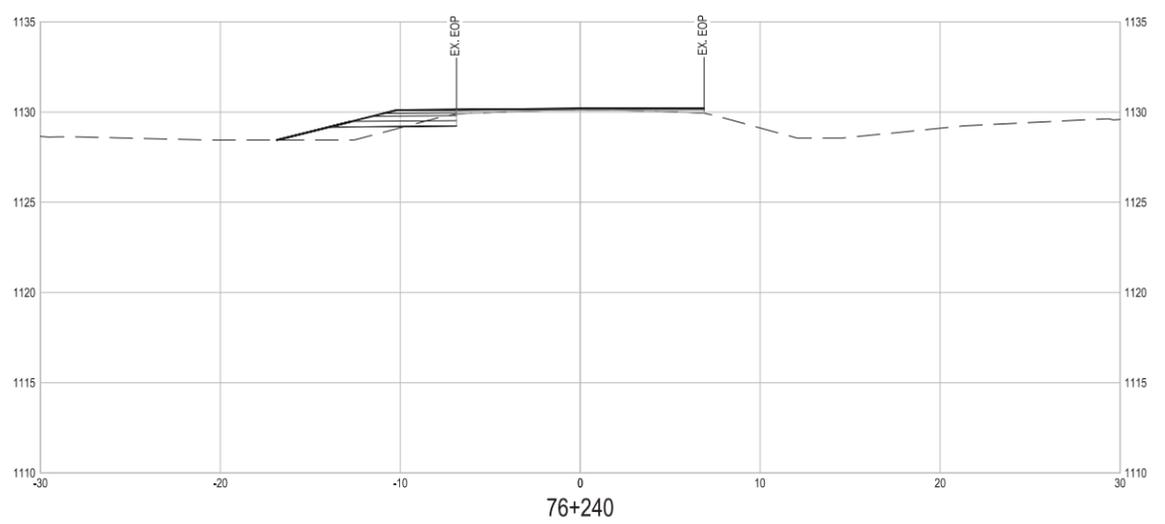
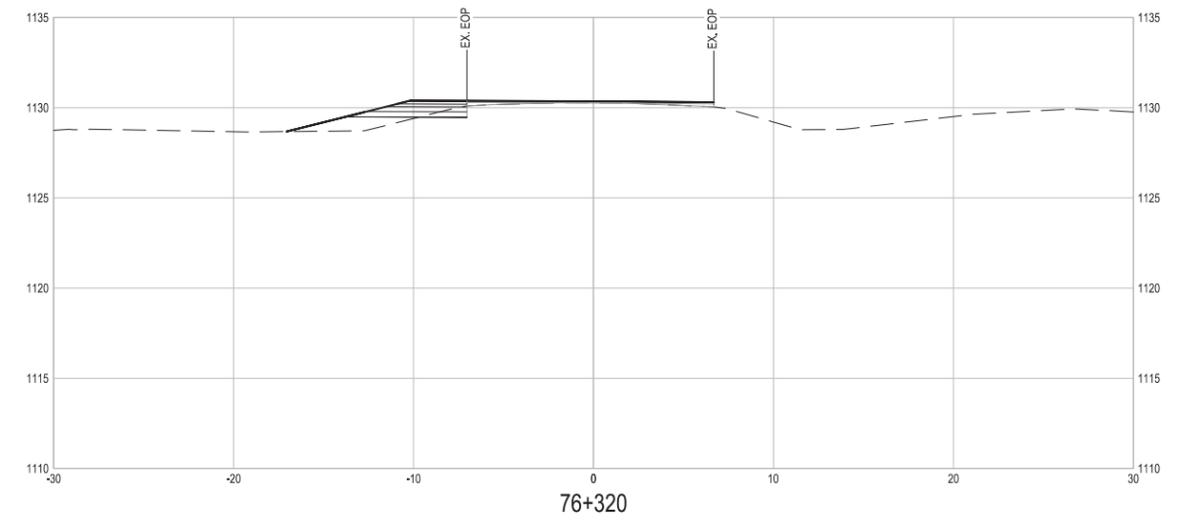
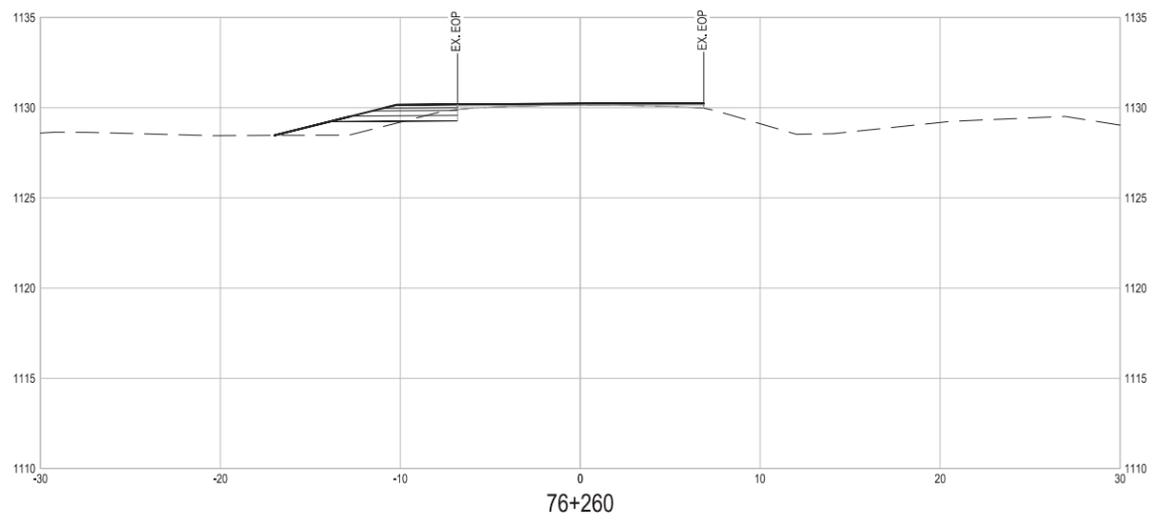
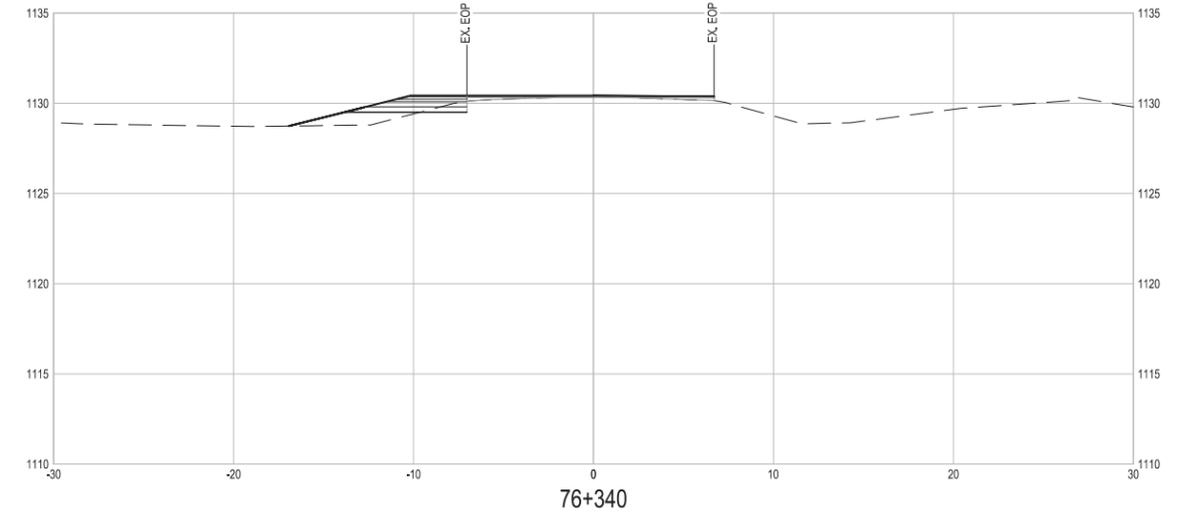
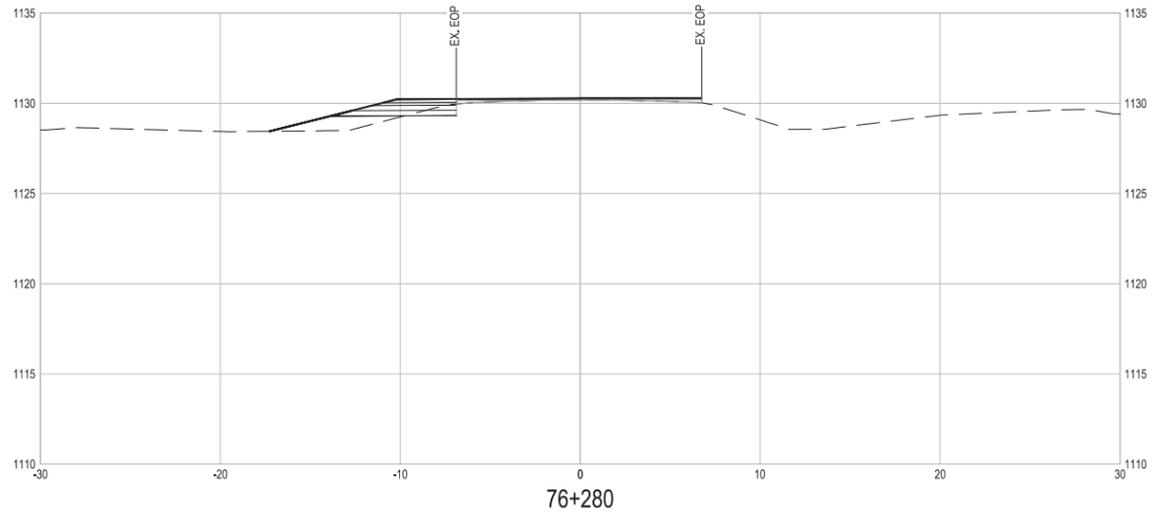
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of 11



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0	2016.03.14	ISSUED FOR TENDER	TE	SF
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision	
A	A detail number numéro de détail
B	B source drawing no. de dessin no.
C	C detail on drawing no. détail sur dessin no.

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
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Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 MCLEOD MEADOWS CAMPGROUND**

STA 76+240 - 76+340

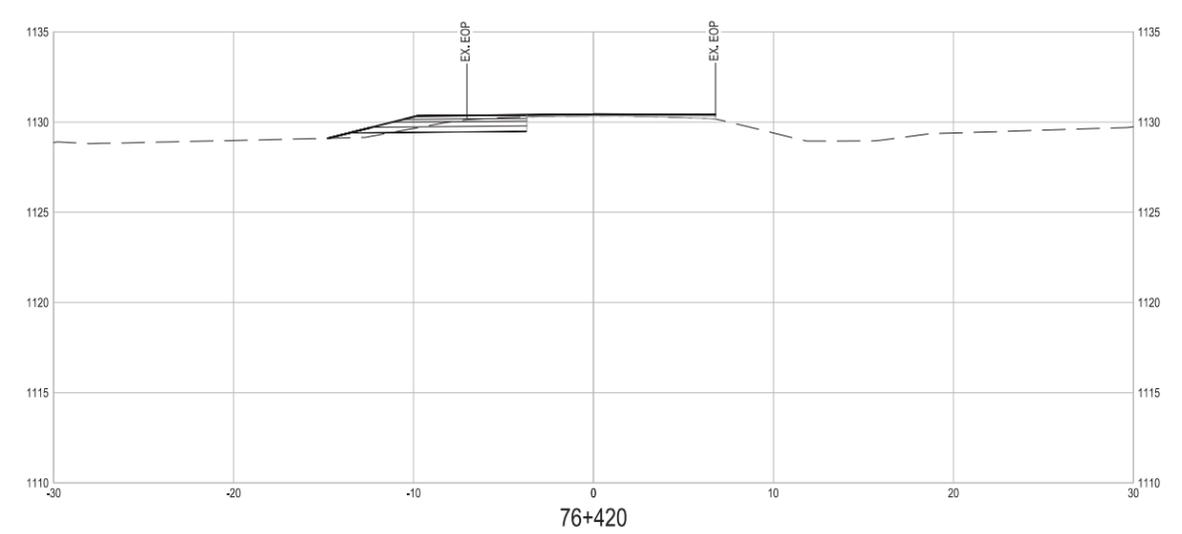
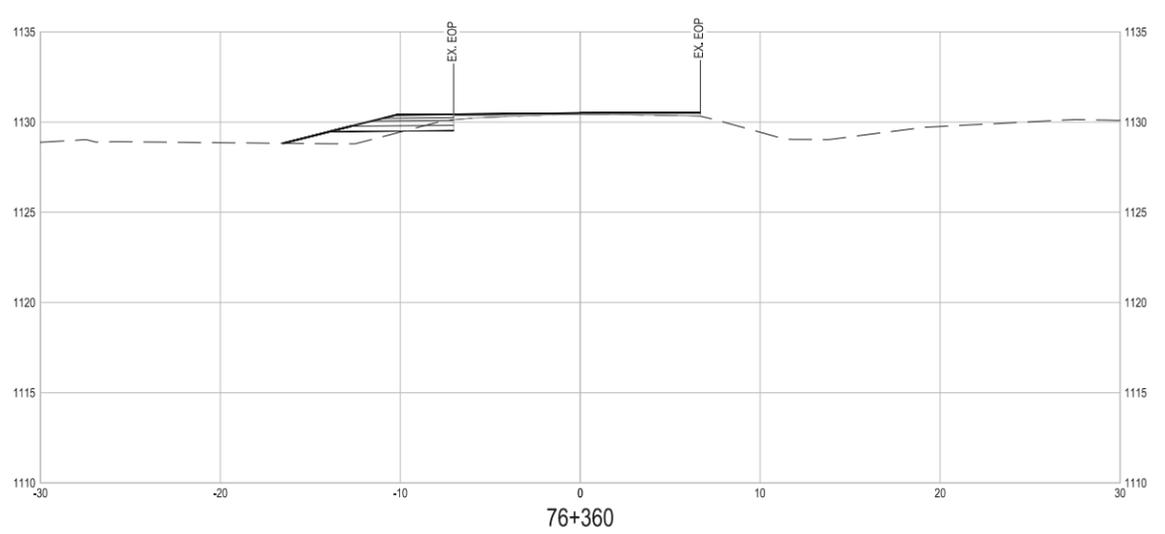
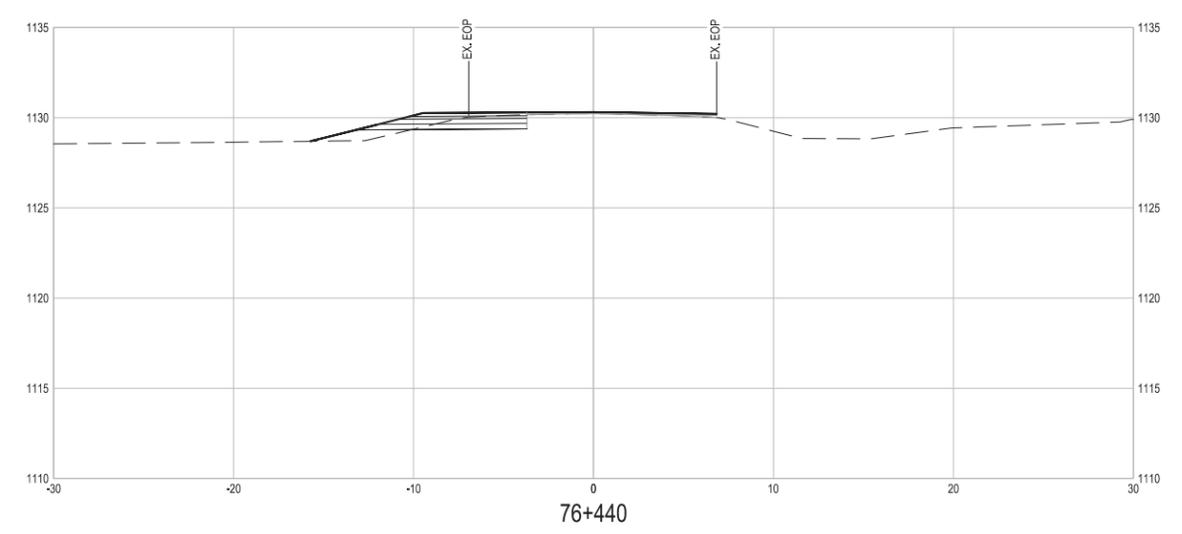
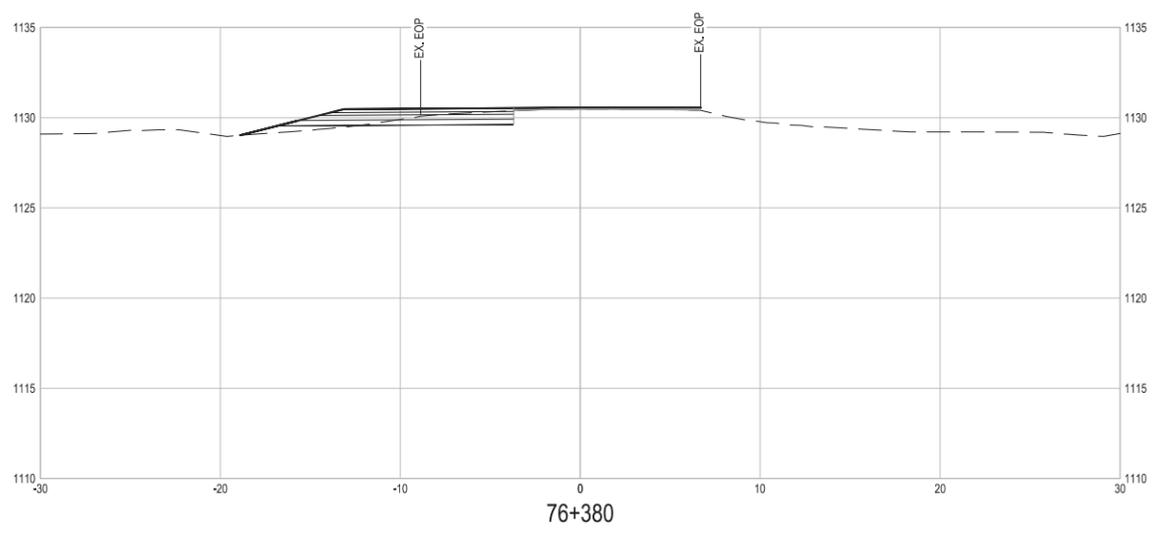
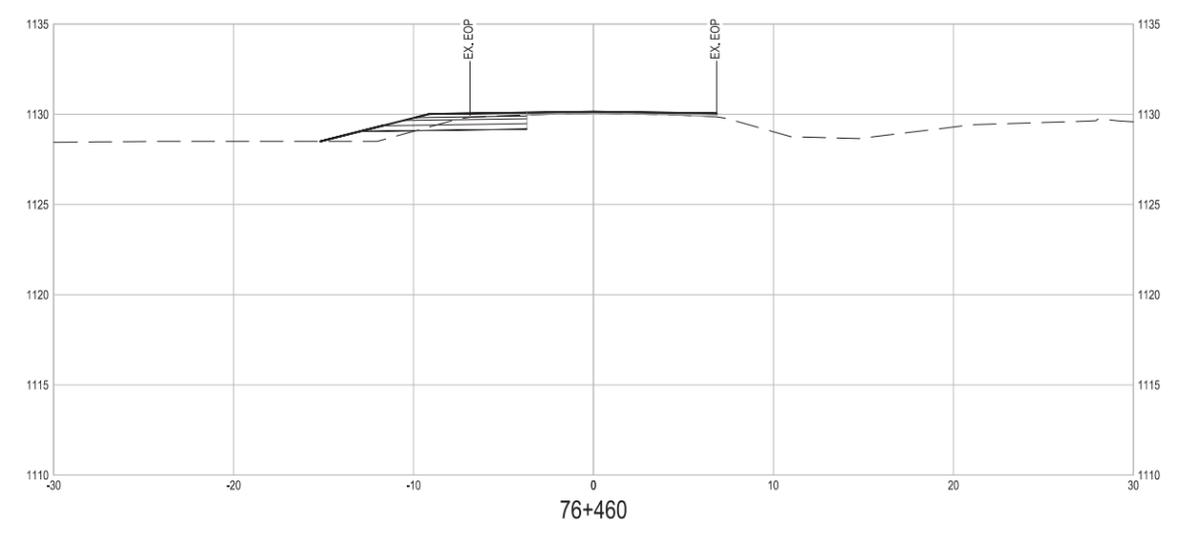
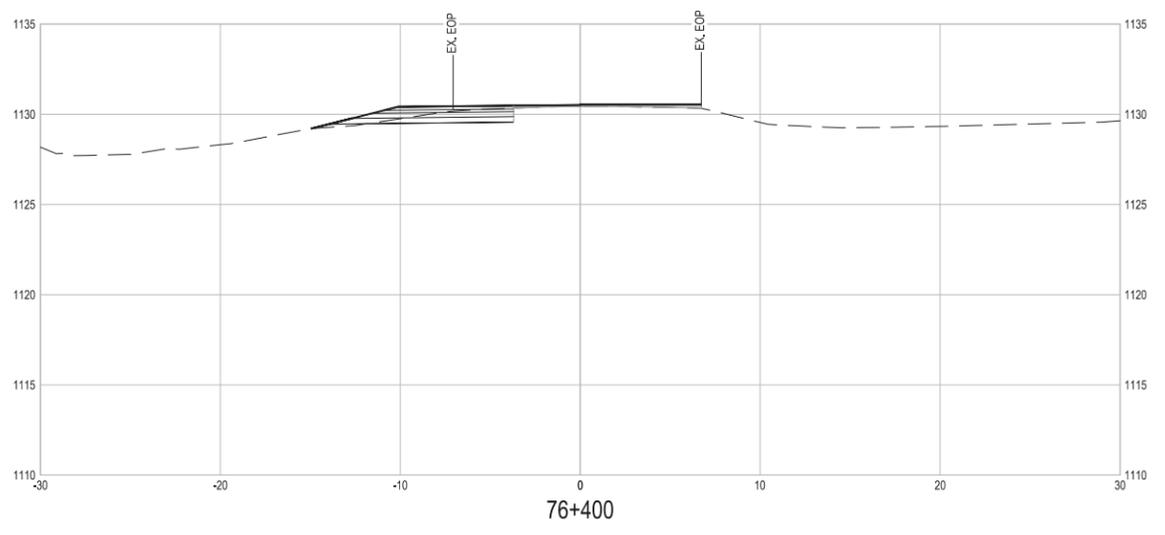
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS08
Drawing Reference No./No. de référence du dessin		of 11
2121-00202-00-C4		

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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

 Parks Canada
 Agency
 Western and
 Northern Region

L'Agence Parcs
 Canada
 Ouest et Nord
 Région

Consultant's Name
 Nom de l'expert-conseil
McElhanney

Project title/Titre du projet
**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
**CROSS SECTIONS
 MCLEOD MEADOWS CAMPGROUND**
STA 76+360 - 76+460

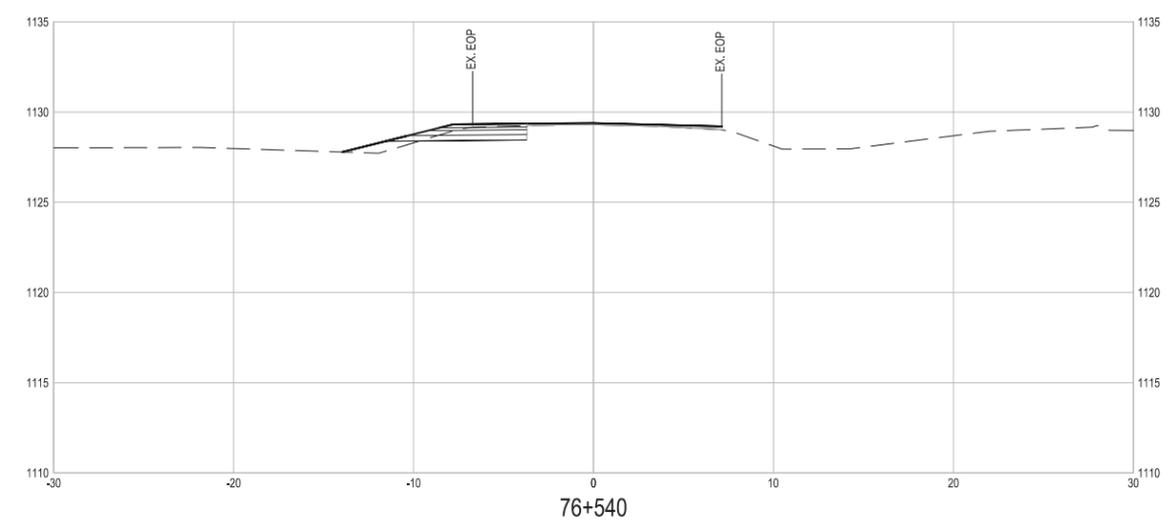
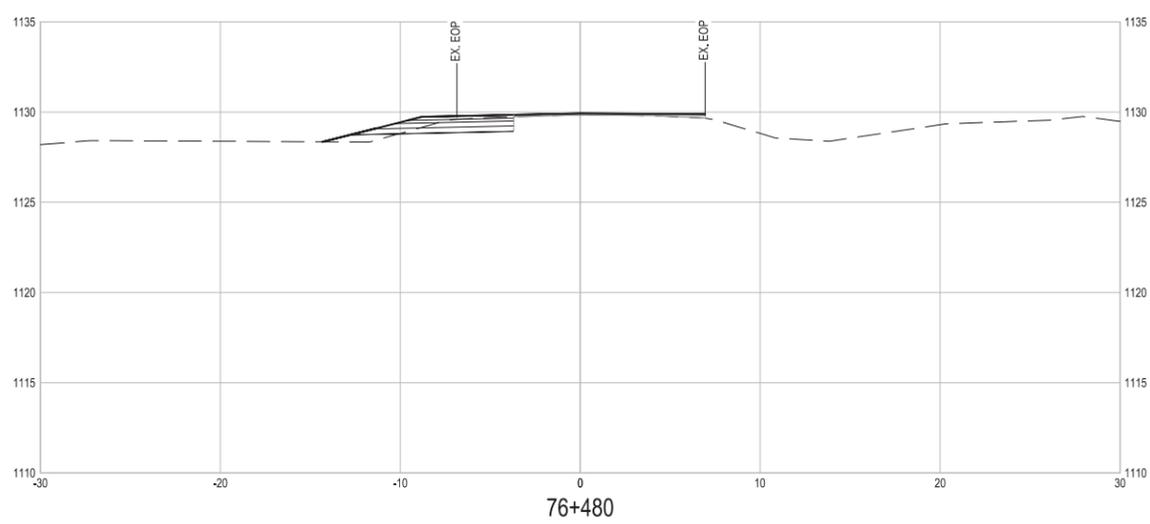
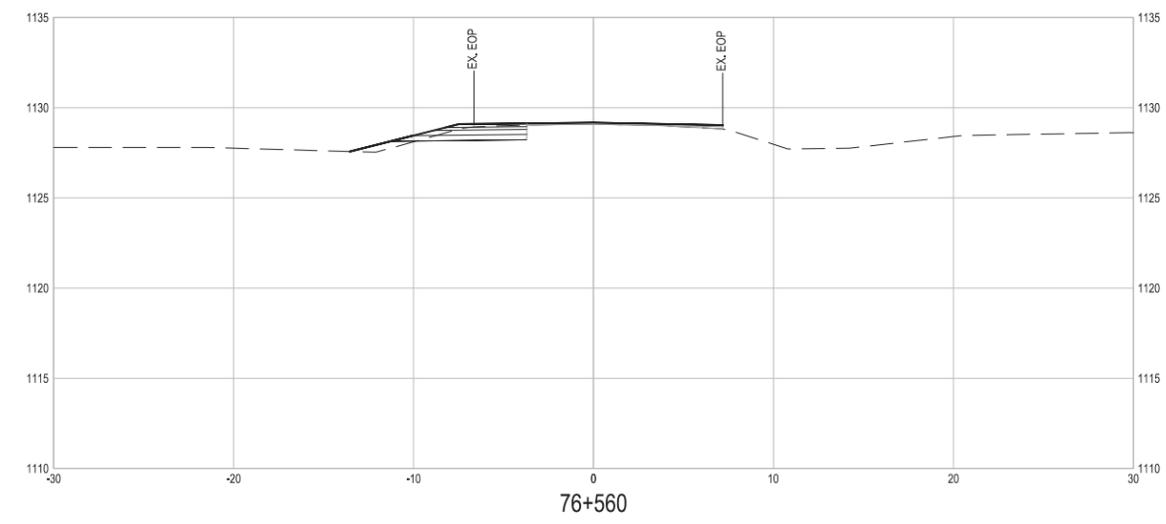
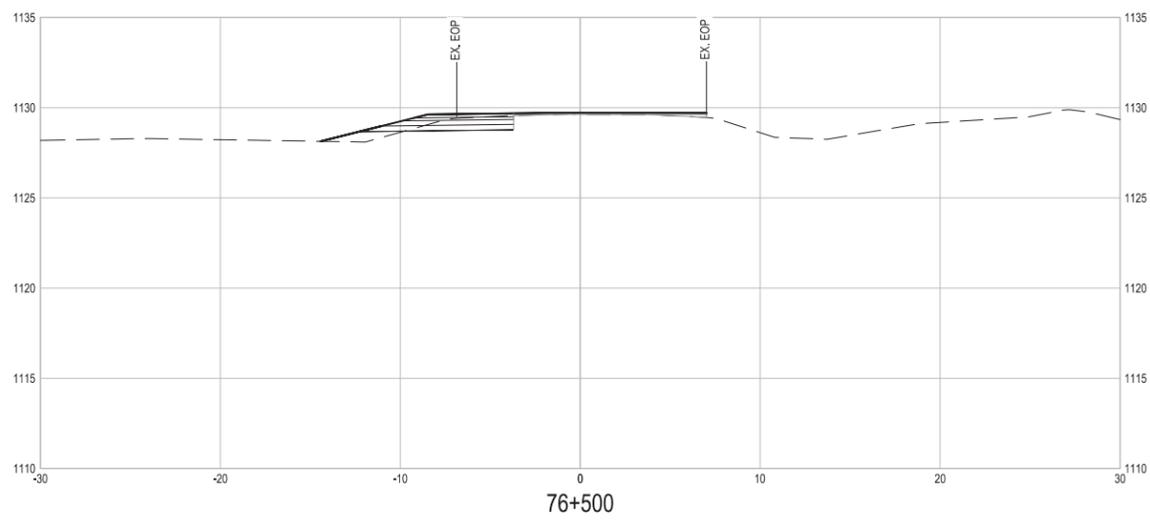
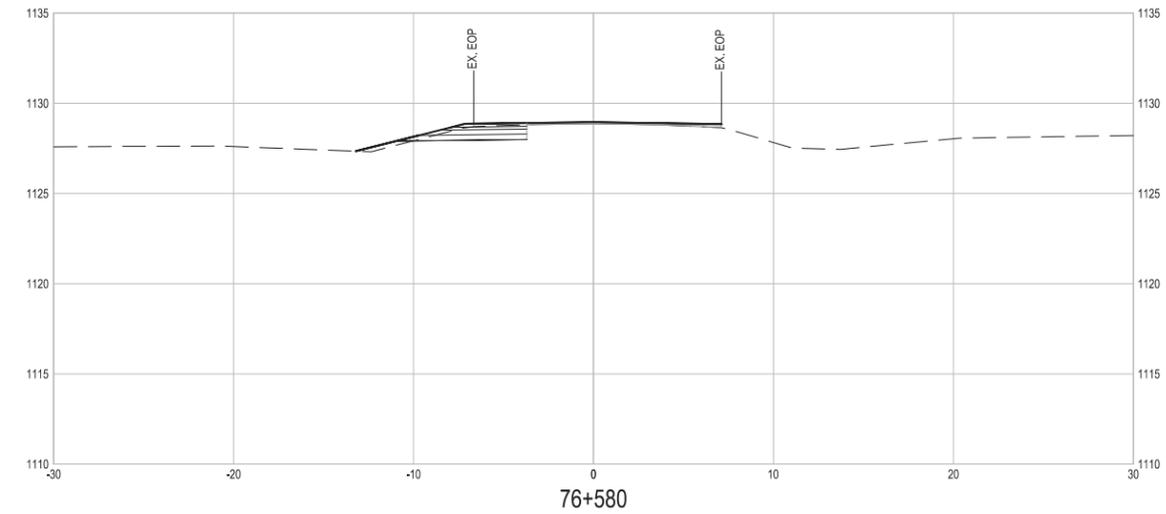
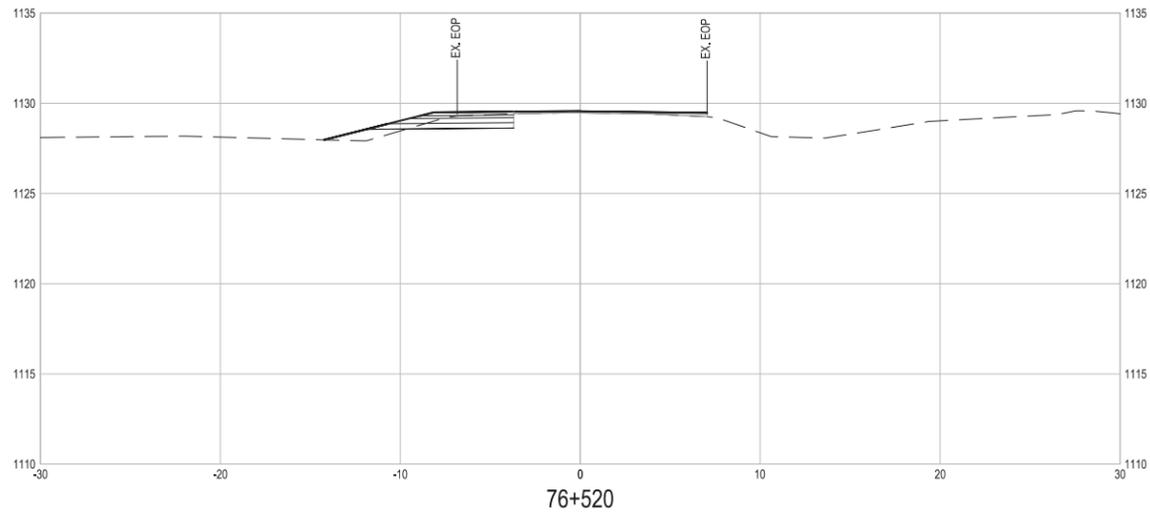
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Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet 201536A	Asset No./No. de bien -	Sheet No./ No. de la feuille XS09
Drawing Reference No./No. de référence du dessin 2121-00202-00-C4		of 11

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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
--	---

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 MCLEOD MEADOWS CAMPGROUND**
STA 76+480 - 76+580

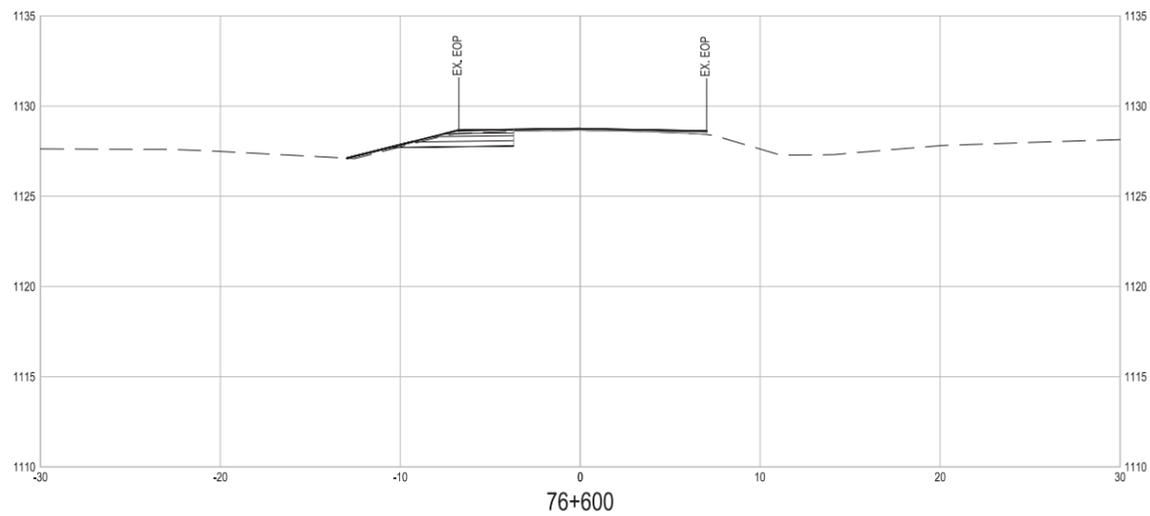
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CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. de bien	Sheet No./ No. de la feuille
201536A		XS10
Drawing Reference No./No. de référence du dessin		of 11
2121-00202-00-C4		

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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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Client/client

Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
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Consultant's Name
Nom de l'expert-conseil

McElhanny

Project title/Titre du projet

**HIGHWAY 93 SOUTH
 KOOTENAY PARKWAY
 SAFETY IMPROVEMENTS**

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

**CROSS SECTIONS
 MCLEOD MEADOWS CAMPGROUND**

STA 76+600

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-	RL	2016.03.14
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CG / JV	SF	1:200

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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS11
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