



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

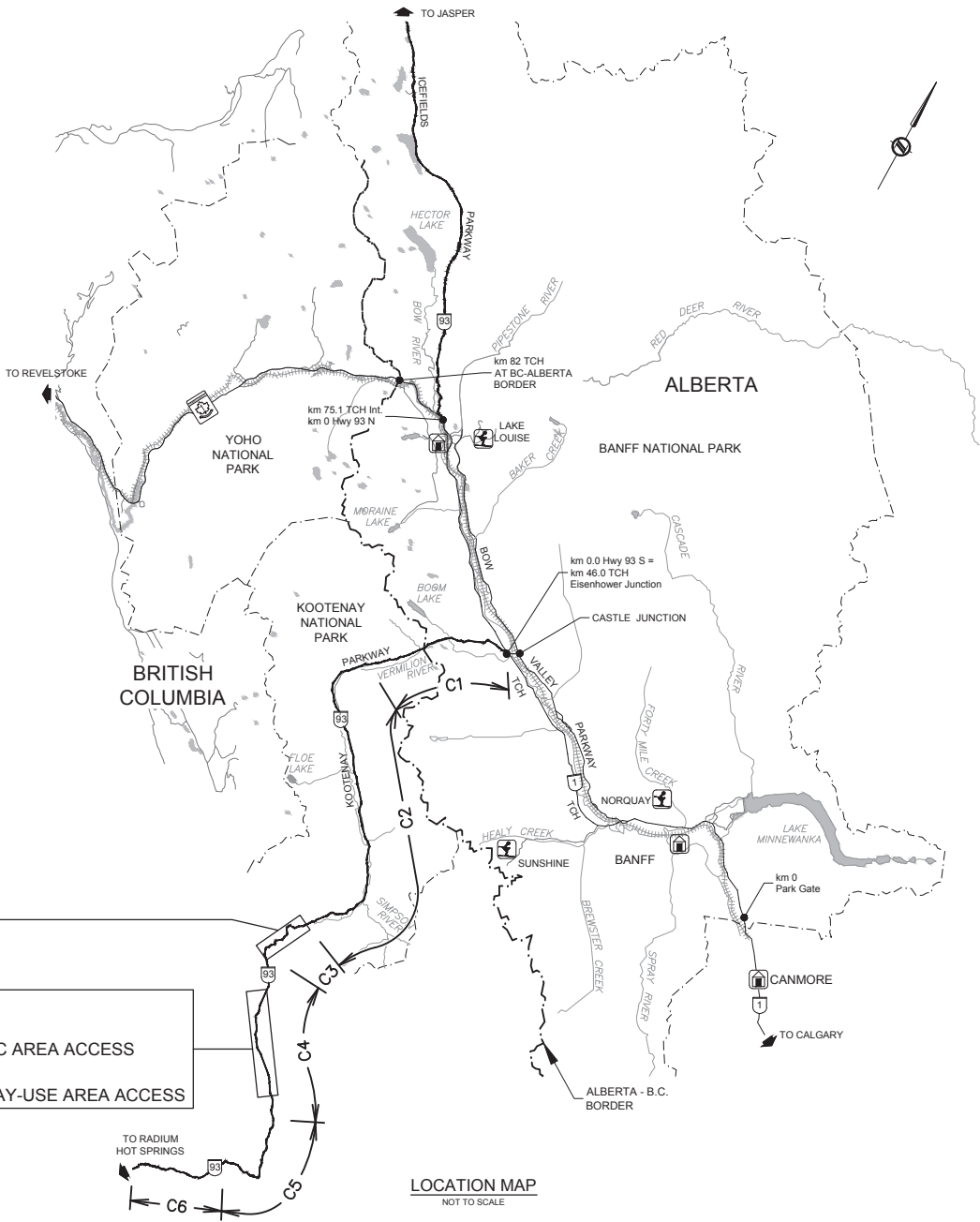
MARCH 2016

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).

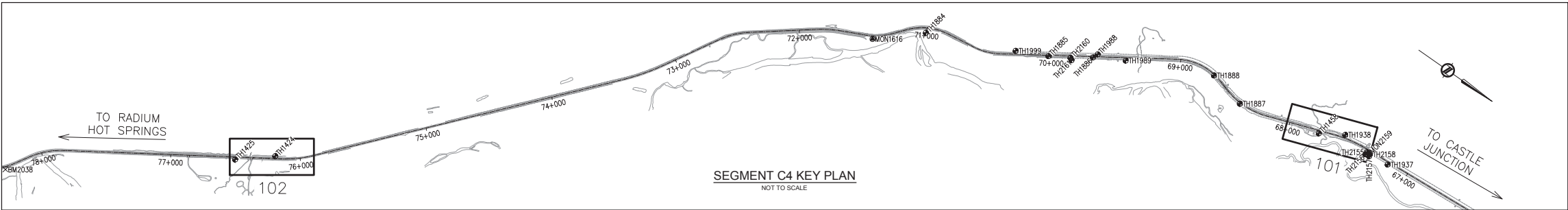
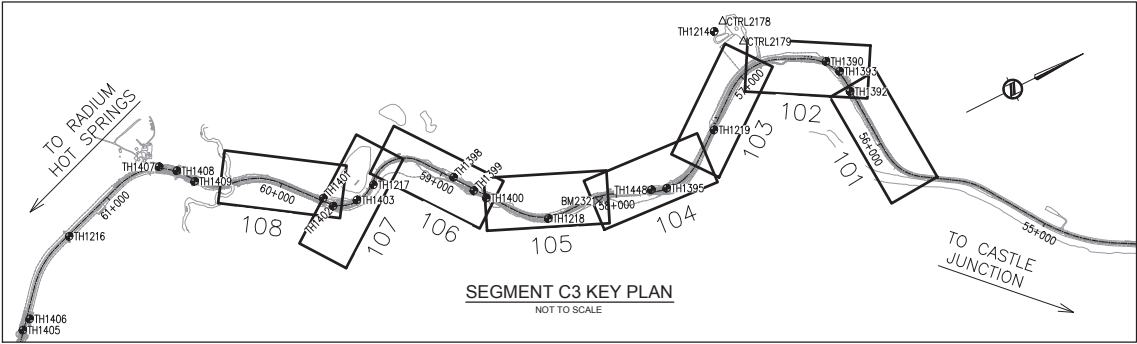


SEGMENT C3:

- 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	

Revision / Revision

A	A
C	B
	C

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	
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Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK
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Drawing title/Titre du dessin	LOCATION MAP, KEY PLANS AND DRAWING INDEX
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Surveyed by/Arpenté par	Drawn by/Dessiné par RL	Date/Date 2016.03.14
Designed by/Concept par CG / JV	Reviewed by/Revisé par SF	Scale/Echelle N/A
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 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille C02
Drawing Reference No./No. de référence du dessin 2121-00202-00-G1		

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

ROAD CONSTRUCTION

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
EW	EDGE OF WATER	
	TREE LINE	
	CANADIAN PACIFIC RAILWAY	
	GAURD RAIL C/W POSTS	
	EDGE OF GRAVEL ROAD	
	EDGE OF PAVEMENT	
	EDGE OF GRAVEL SHOULDER	
1012.14	SUBGRADE ELEVATION	
DB DB	CURB AND GUTTER	
	CONCRETE BARRIER	
	DRAINAGE BARRIER	
	TOP OF CUT	T.O.C.
	BOTTOM OF FILL	B.O.F.
	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	BD OR BD
	ASPHALT SPILLWAY c/w SPLASH PAD	
	RETAINING WALL	
	WILDLIFE FENCING	
	WILDERNESS ZONE BOUNDARY	WZB
	CLEARING LINE	
	GATE	
	POWER POLE	
UG ● UG	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	DP

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

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

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

Consultant's Name Nom de l'expert-conseil
<div></div>

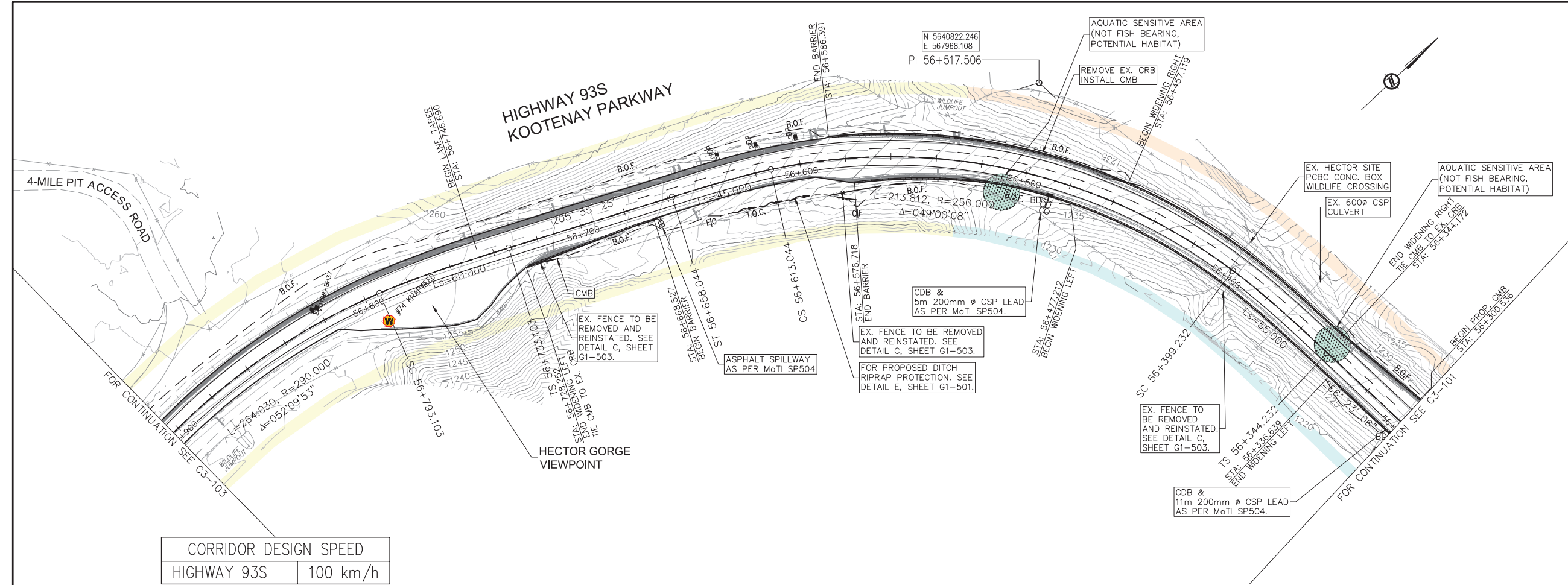
Project title/Titre du projet
HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS
KOOTENAY NATIONAL PARK

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	
Parks Canada Responsible Officer/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		C03
Drawing Reference No./No. de référence du dessin		
2121-00202-00-G1		

Plotted: April 25, 2016, 11:48:14
Filename: O:\Proj\2121-00202-00-pca-83a-rehab and safety\10.0 drawings\10.3 engineering\c3-km 55 to 61-climbing\10.3.6 sheets\0202-C3-100.dwg\102



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

Revision / Revision

Revisión	Revisión
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

McElhanney

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+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	H - 1:1000 / V - 1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

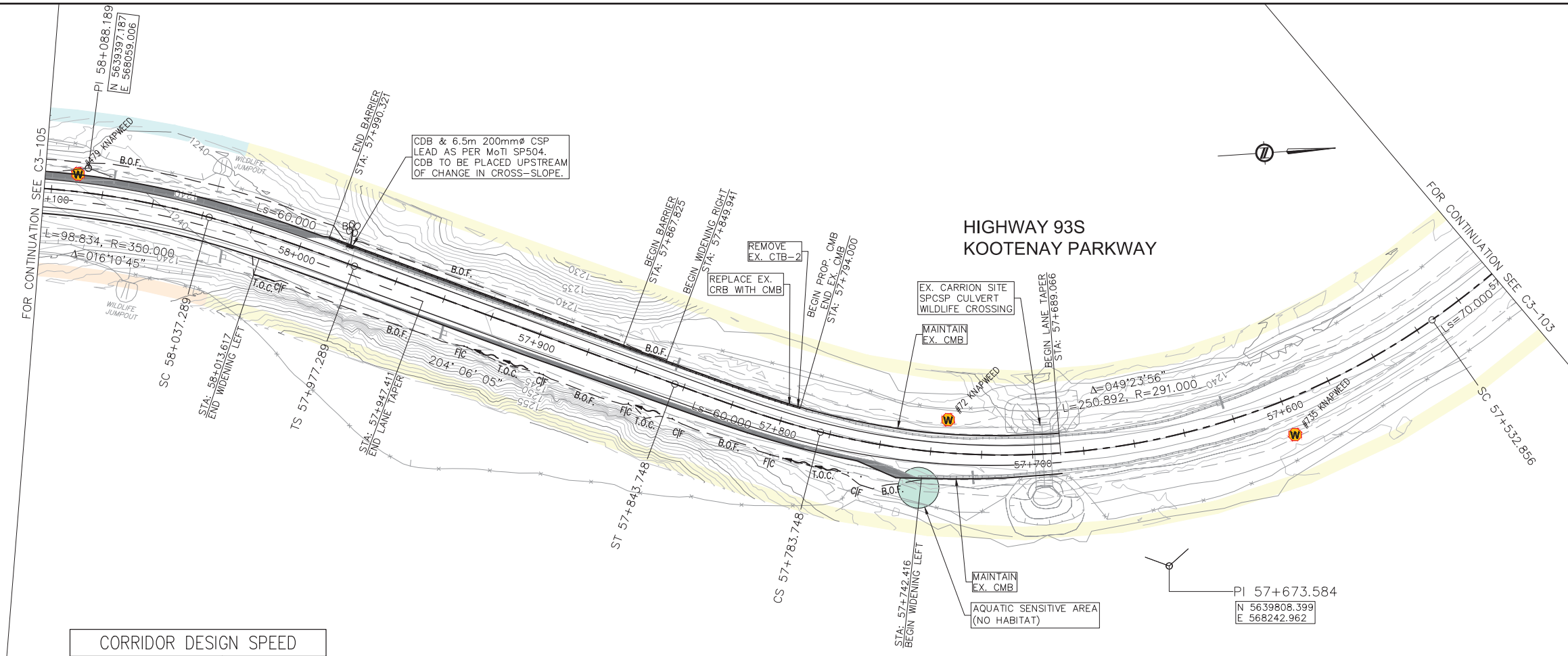
Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parks Canada Responsible Officer/Agent Responsable Parcs Canada	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-C3		

FOR CONTINUATION SEE C3-104



Drawing Reference No./No. de référence du dessin	103
2121-00202-00-C3	



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

Revision / Revision	
A C	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 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	H - 1:1000 / V - 1:100

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

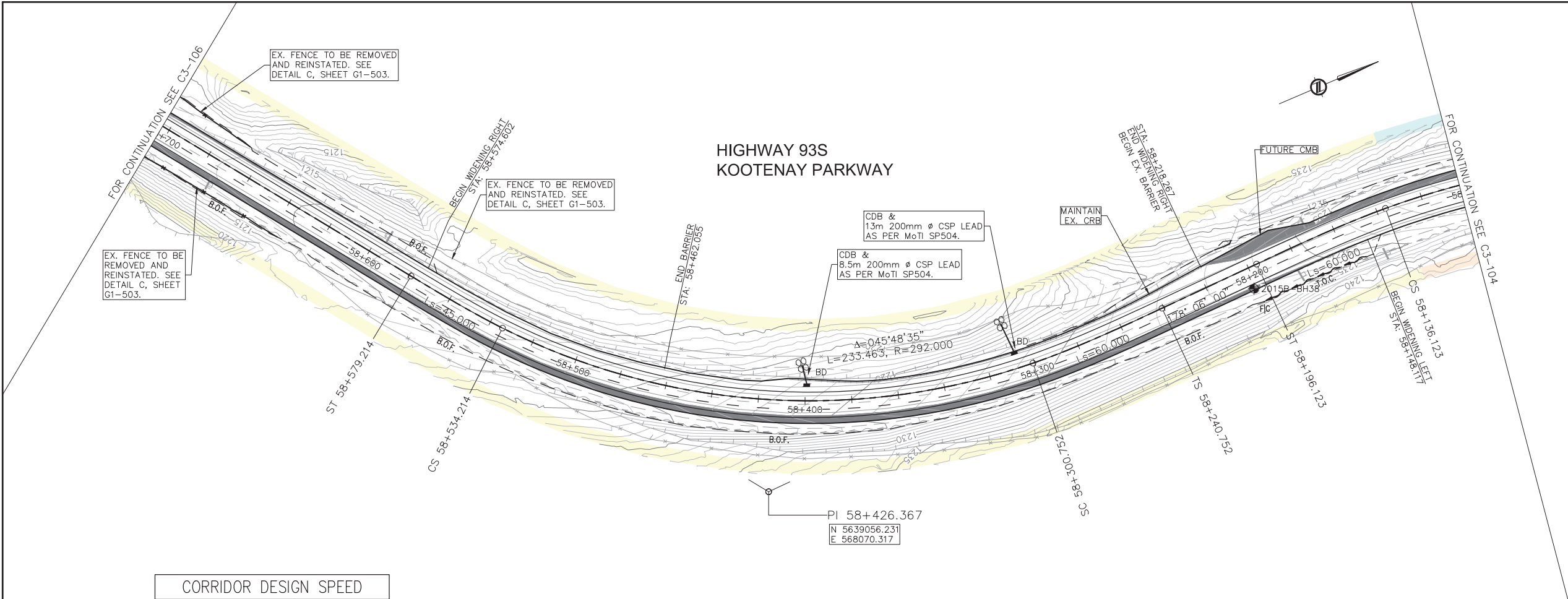
Client Acceptance/Acceptation du client	Approved by/Approuvé par

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		104

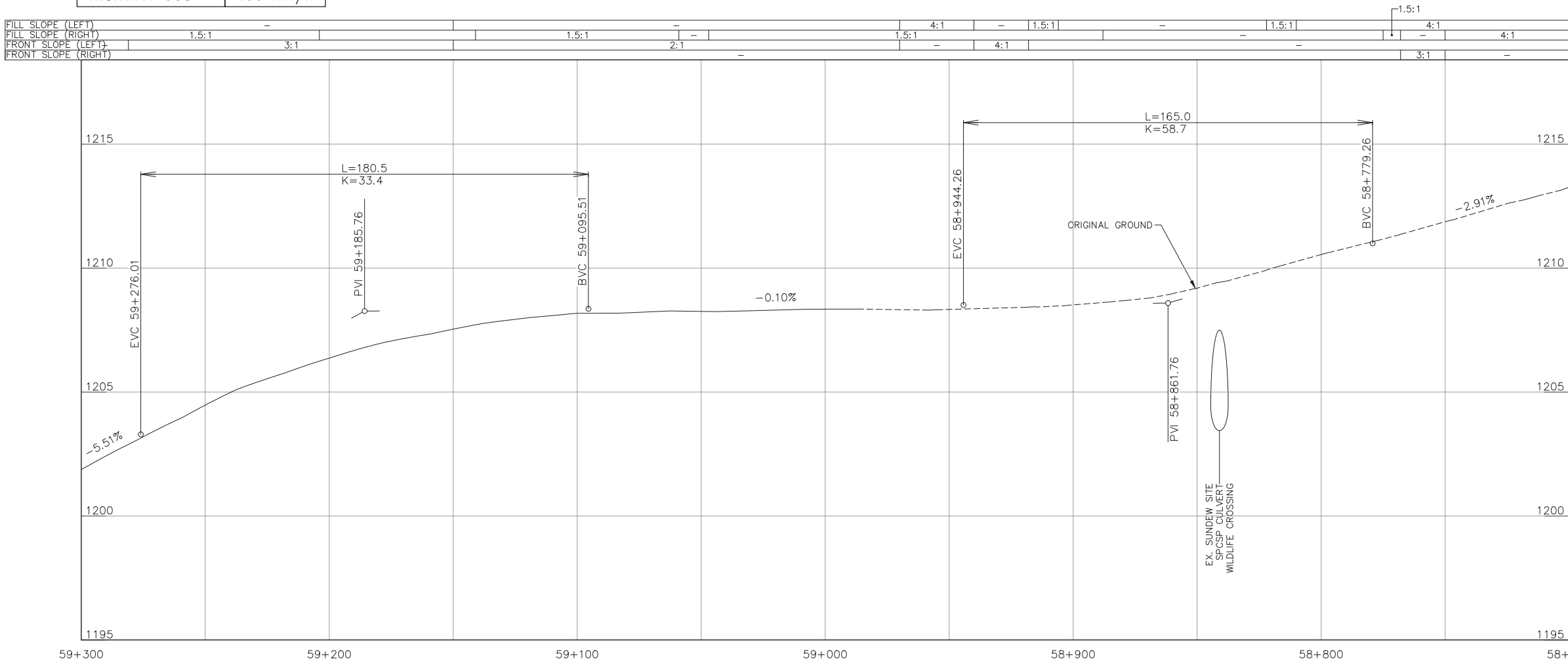
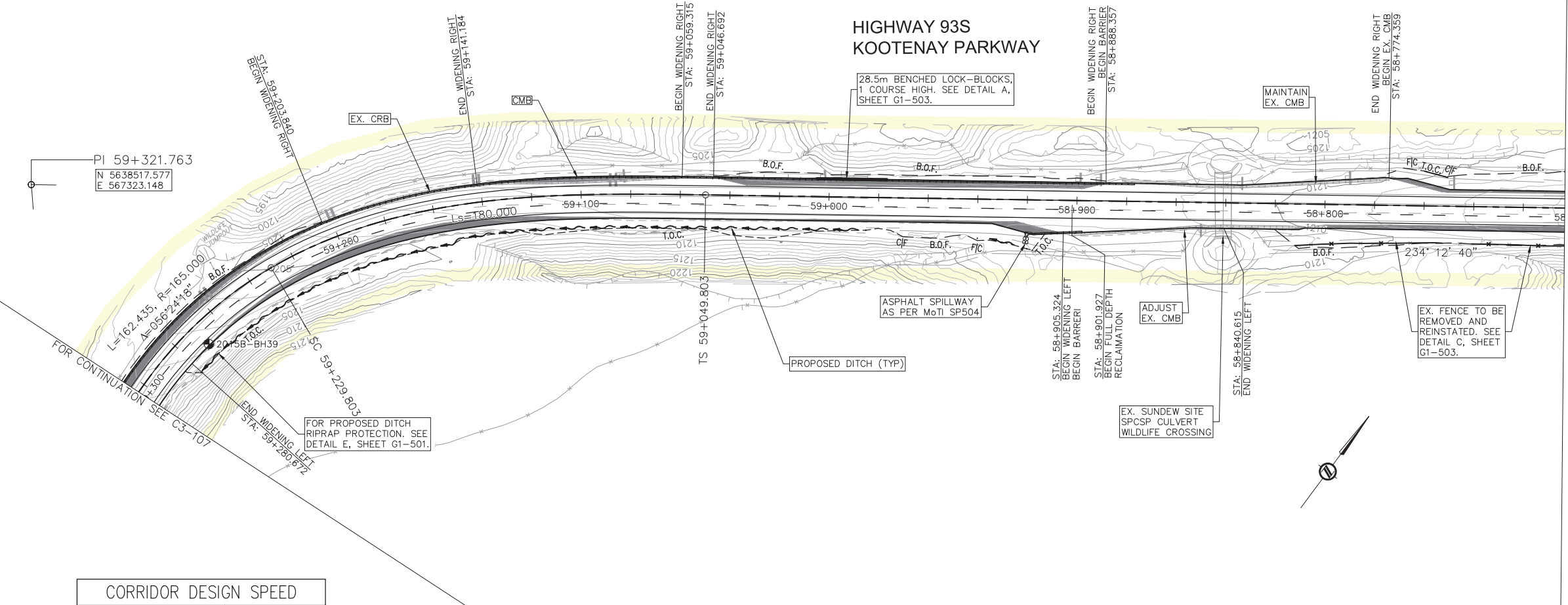
Drawing Reference No./No. de référence du dessin

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
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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.	

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
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

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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
-----------------------------------------------------------------	---------------------------------------------------------------------

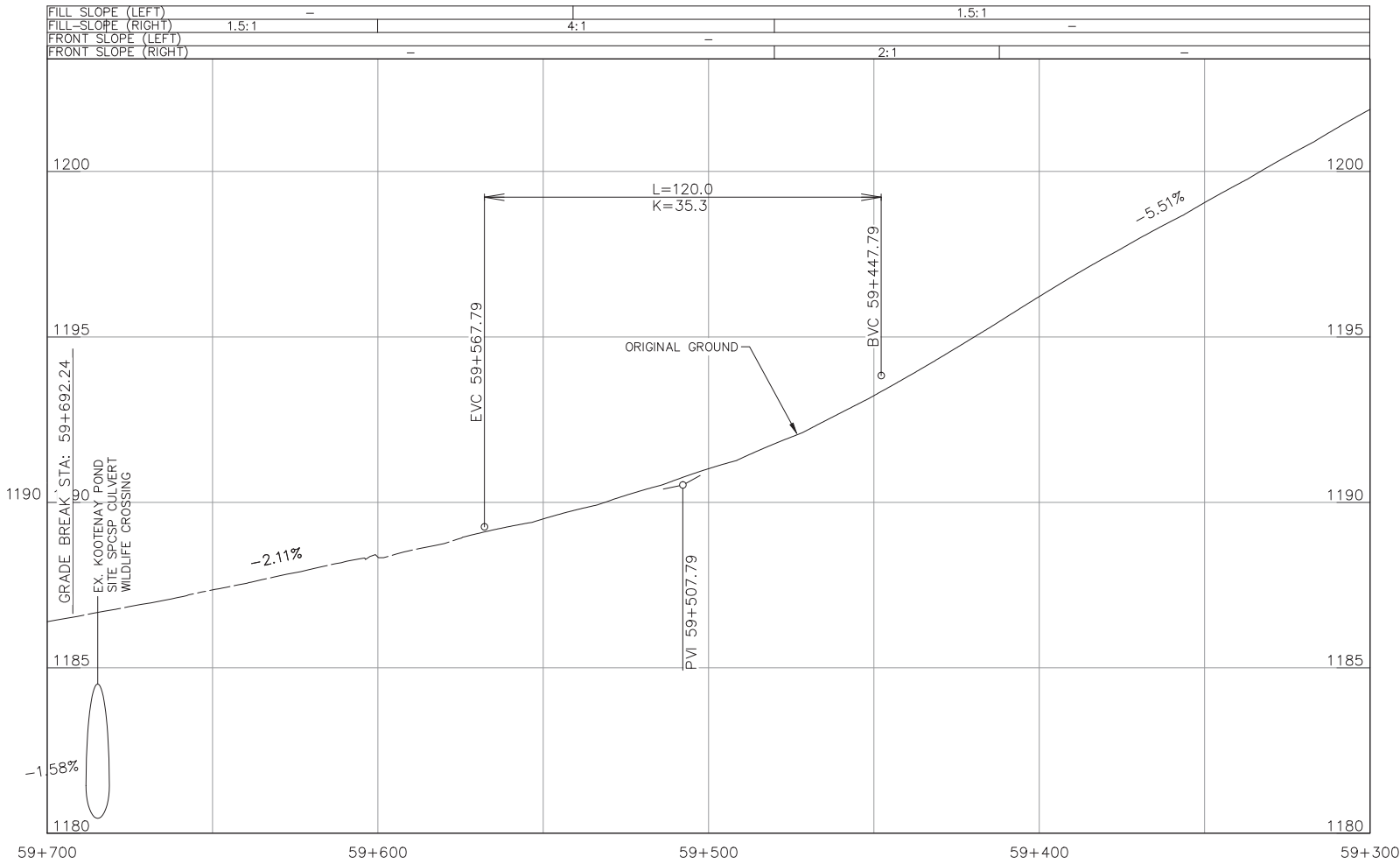
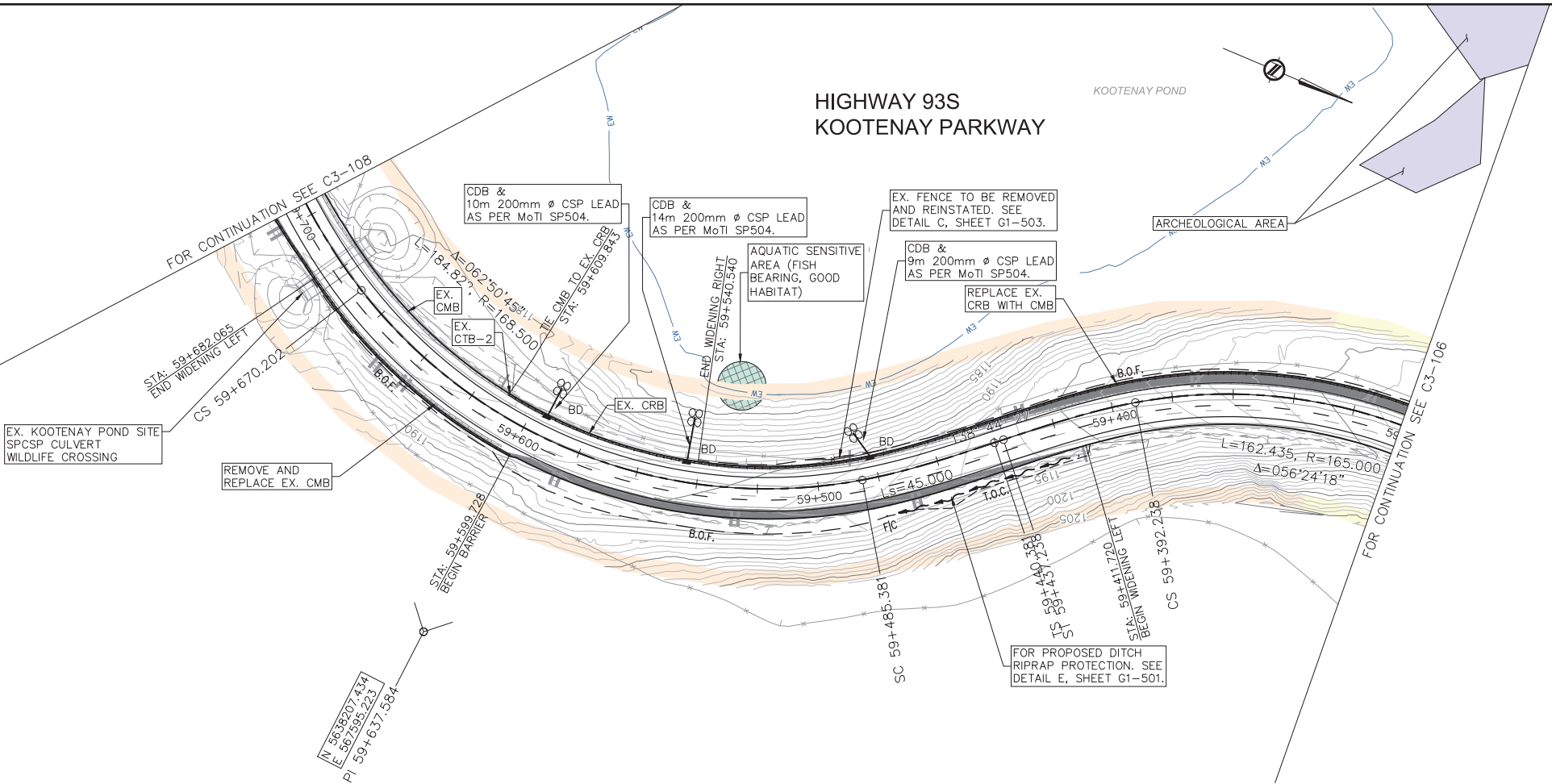
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		106

Drawing Reference No./No. de référence du dessin

2121-00202-00-C3

Plotted: April 25, 2016, 11:51:10
Filename: C:\Proj\2121-00202-00-pca-83a-rehab-and-safety\10.0-drawings\10.3-engineering\c3-km-55-to-61-climbing\10.3.6-sheets\0202-C3-100.dwg\107

CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h



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NOTES:
1. COORDINATES SHOWN ARE IN UTM, ZONE 11, NAD 83 (CSRS).
2. LINEWORK AND ARROWS ARE FOR LANE 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	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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Consultant's Name Nom de l'expert-conseil	
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Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK
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Drawing title/Titre du dessin	PLAN/PROFILE NB CLIMBING LANE STA 59+300 - 59+700
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Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
CG/JV	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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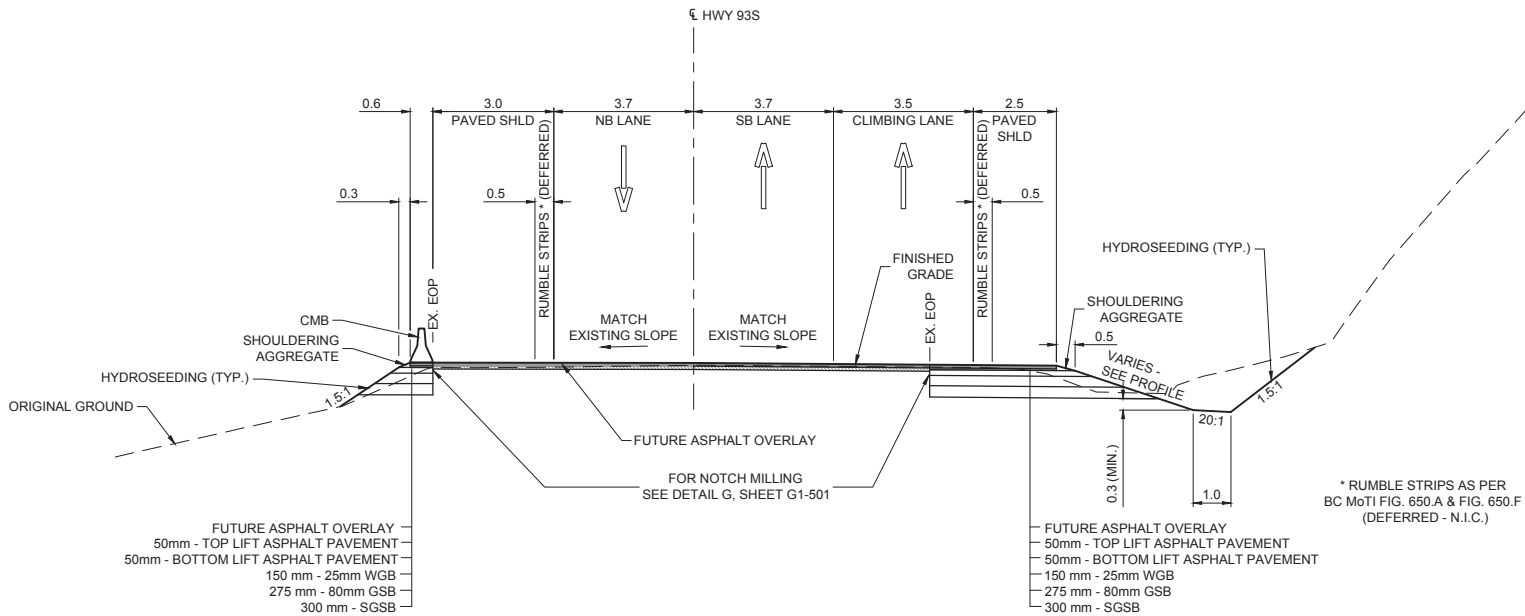
Parks Canada Responsible Officer/Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		107

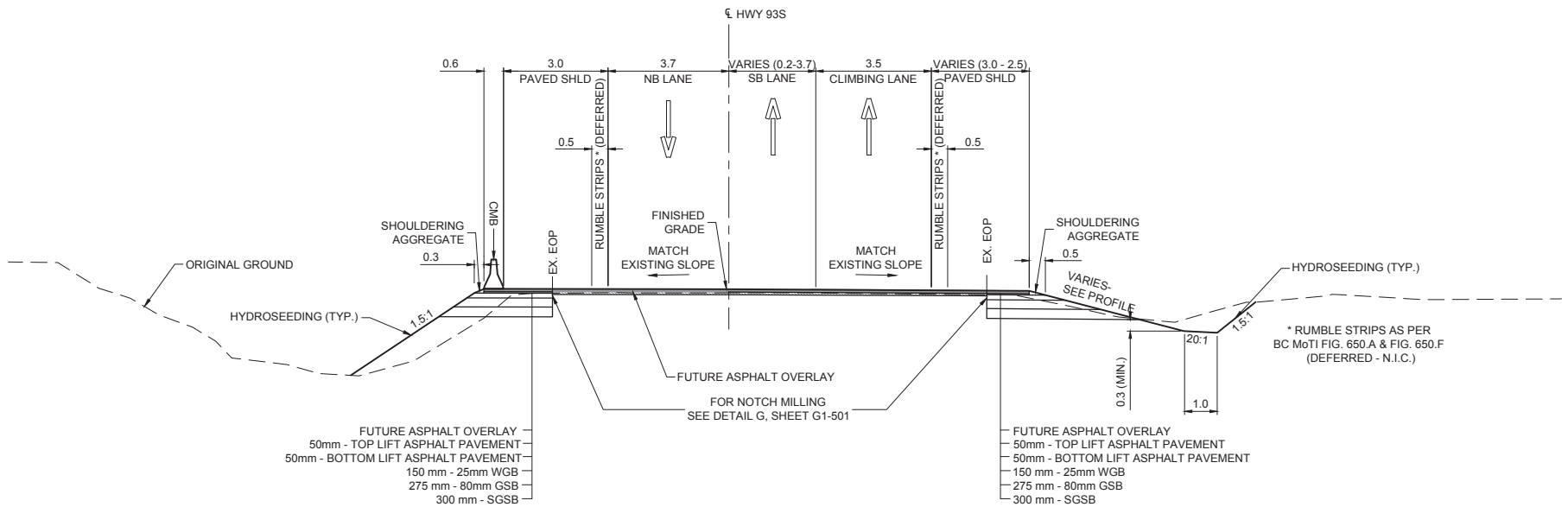
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Filename: O:\Proj\2121-00202-00 pca - 83a rehab and safety\10.0 drawings\10.3 engineering\c3-4m 55 to 61-climbing\10.3.6 sheets\0202-C3-300.dwg|301
Plotted: April 25, 2016, 11:52:53

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

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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.

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
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

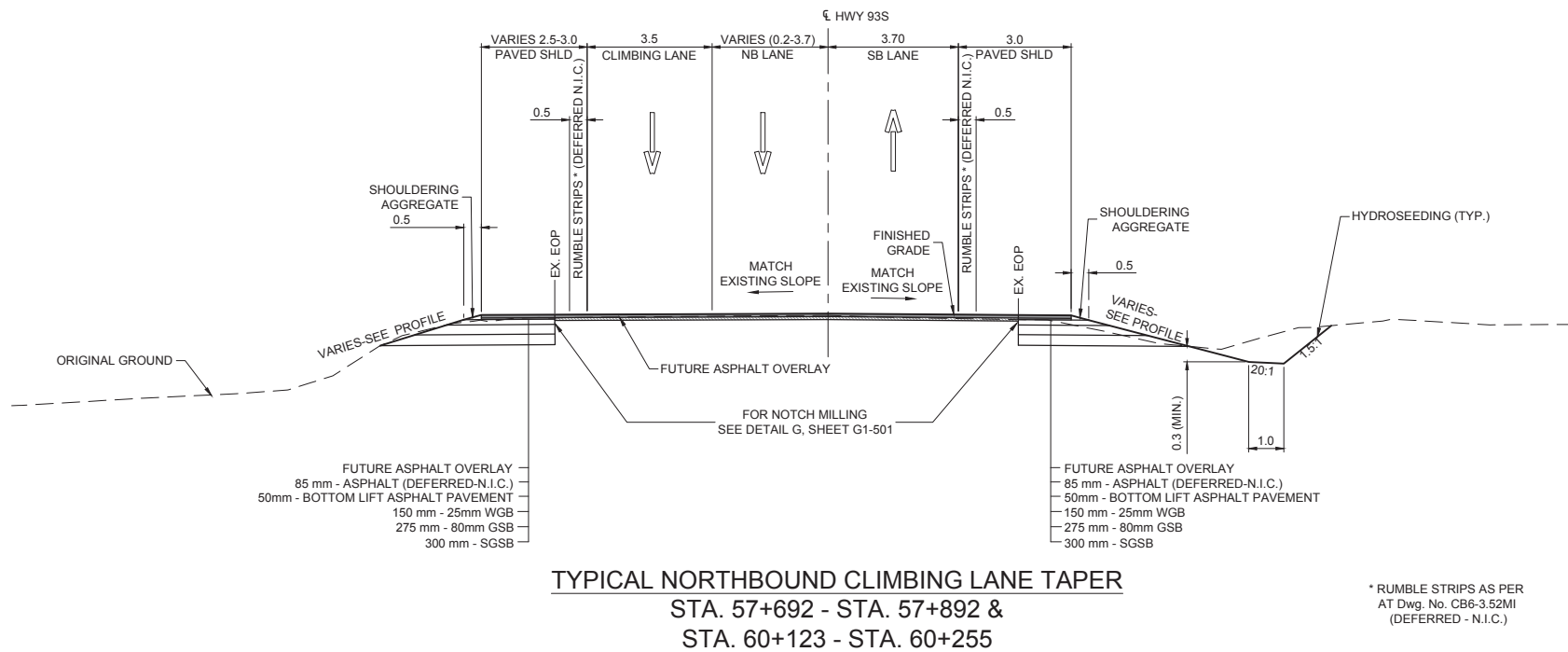
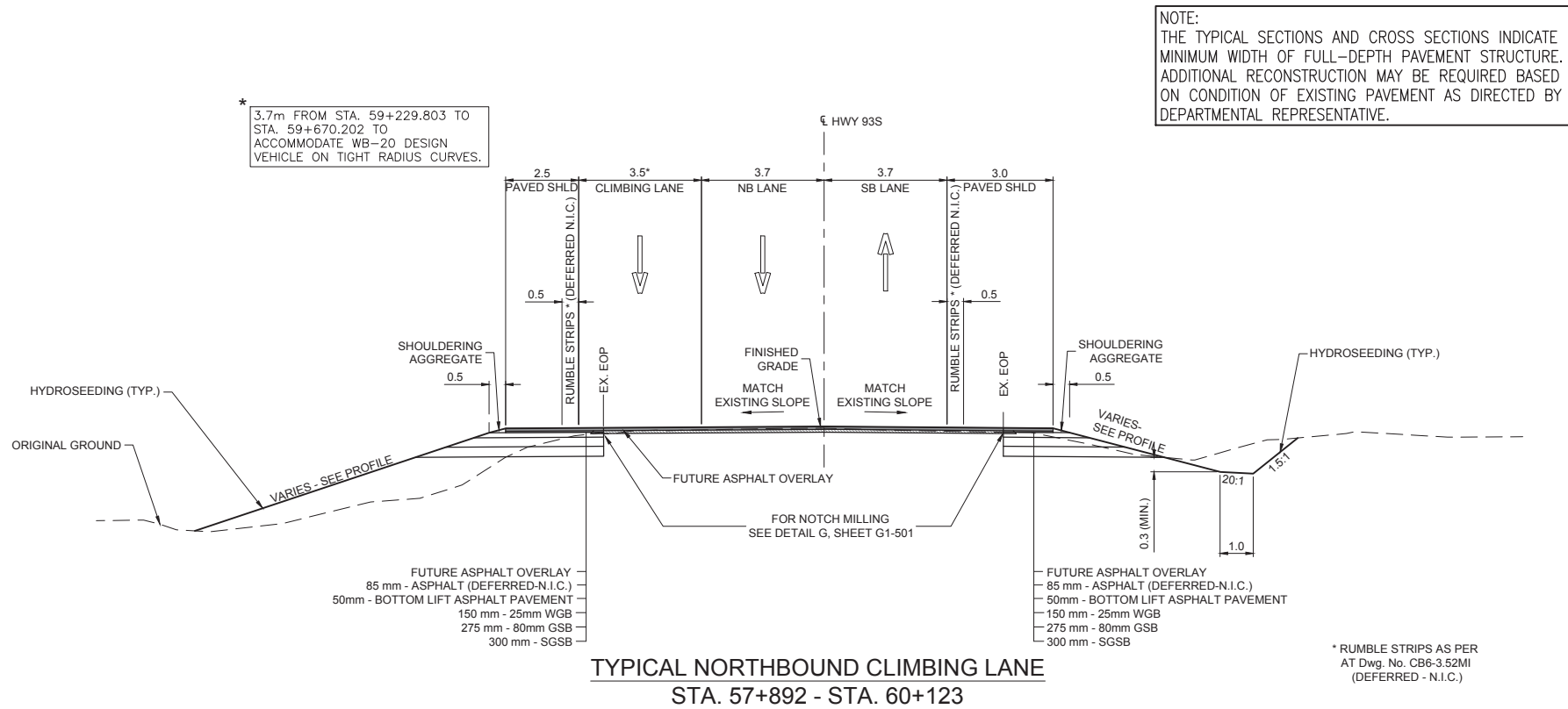
HIGHWAY 93 SOUTH
KOOTENAY PARKWAY
SAFETY IMPROVEMENTS

KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin

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
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		301
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		



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- NOTES:
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 2. REFERENCE SHALL BE MADE TO GEOTECHNICAL INVESTIGATION REPORT "GEOTECHNICAL ENGINEERING REPORT HIGHWAY 93S - KOOTENAY PARKWAY" PREPARED BY BARR ENGINEERING AND RECOMMENDATIONS CONTAINED THEREIN.
 3. SUB-GRADE EXCAVATION MAY CONTAIN SOILS UNSUITABLE FOR USE IN EMBANKMENT CONSTRUCTION.

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 Agence 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
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Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK
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Drawing title/Titre du dessin	TYPICAL SECTIONS NB CLIMBING LANE
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Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
CG	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/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		302
Drawing Reference No./No. de référence du dessin		2121-00202-00-C3

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1. COORDINATES SHOWN ARE IN UTM, ZONE 11, NAD 83 (CSRS).
2. PAVEMENT MARKINGS SHALL BE AS PER CHAPTER 7 OF THE BC MoTl MANUAL OF STANDARD TRAFFIC SIGNS & PAVEMENT MARKINGS.
3. ERADICATE EXISTING CONFLICTING PAVEMENT MARKINGS.
4. ALL SIGNS TO BE MUTCD CANADA SIGN NUMBERING EXCEPT AS NOTED.
5. CONTRACTOR TO CONFIRM EXISTING AND RELOCATED SIGNS MEET CURRENT REFLECTIVITY STANDARDS.

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

Eng. Stamp
Sceau de l'ingénieur

 Parks Canada
Agency
Western and
Northern Region



McElhanney

HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS

GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
SB CLIMBING LANE

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

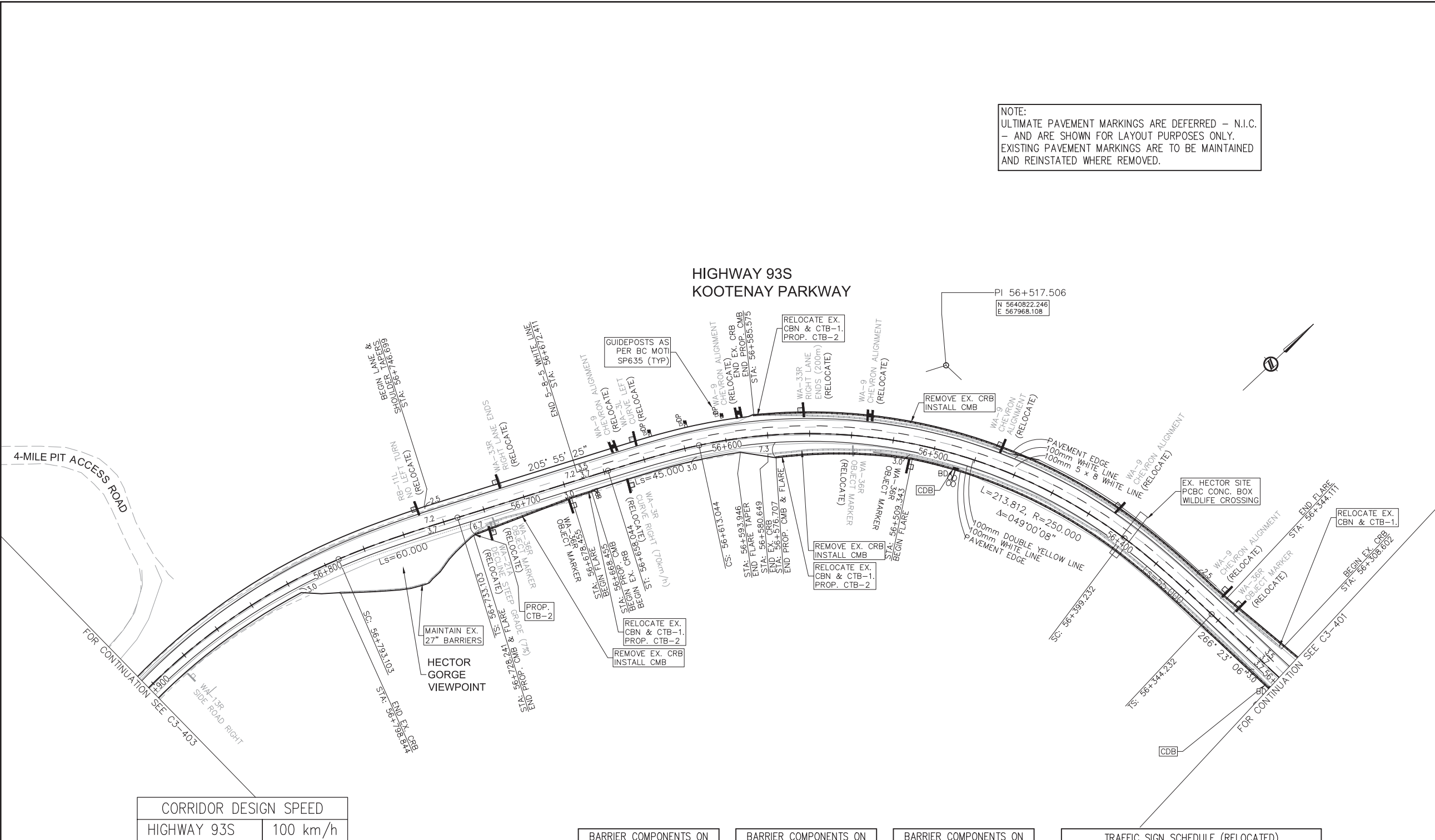
Drawing Reference No./No. de référence du dessin	401
2121-00202-00-C3	

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



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

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NOT FOR CONSTRUCTION

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

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 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
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
-----------------------------------------	--------------------------

Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		402

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

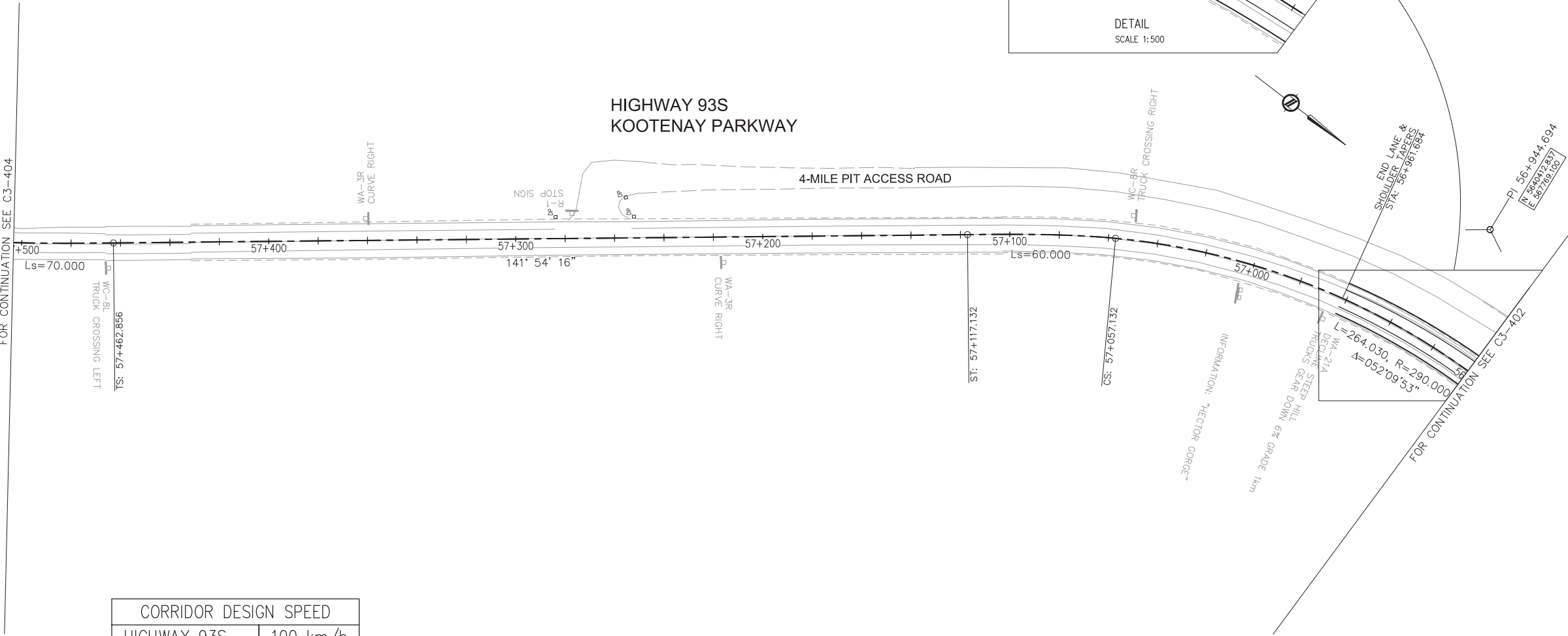
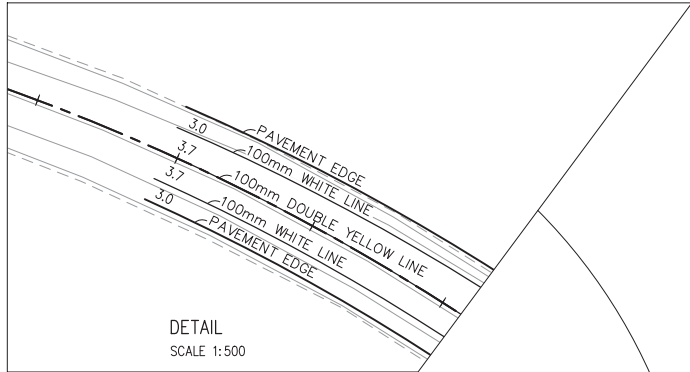
FOR CONTINUATION SEE C3-404

CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h

HIGHWAY 93S
KOOTENAY PARKWAY

4-MILE PIT ACCESS ROAD

NOTE:
ULTIMATE PAVEMENT MARKINGS ARE DEFERRED – N.I.C.
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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	
<div>A C</div>	<div>A B C</div>
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 SB CLIMBING LANE
STA 56+900 - 56+961.674

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/Responsable Parcs Canada



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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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		
	<p>A detail number numéro de detail</p> <p>B source drawing no. de dessin no.</p> <p>C detail on drawing no. detail sur dessin no.</p>	

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

GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
NB CLIMBING LANE

STA 57+689.066 - 58+100

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

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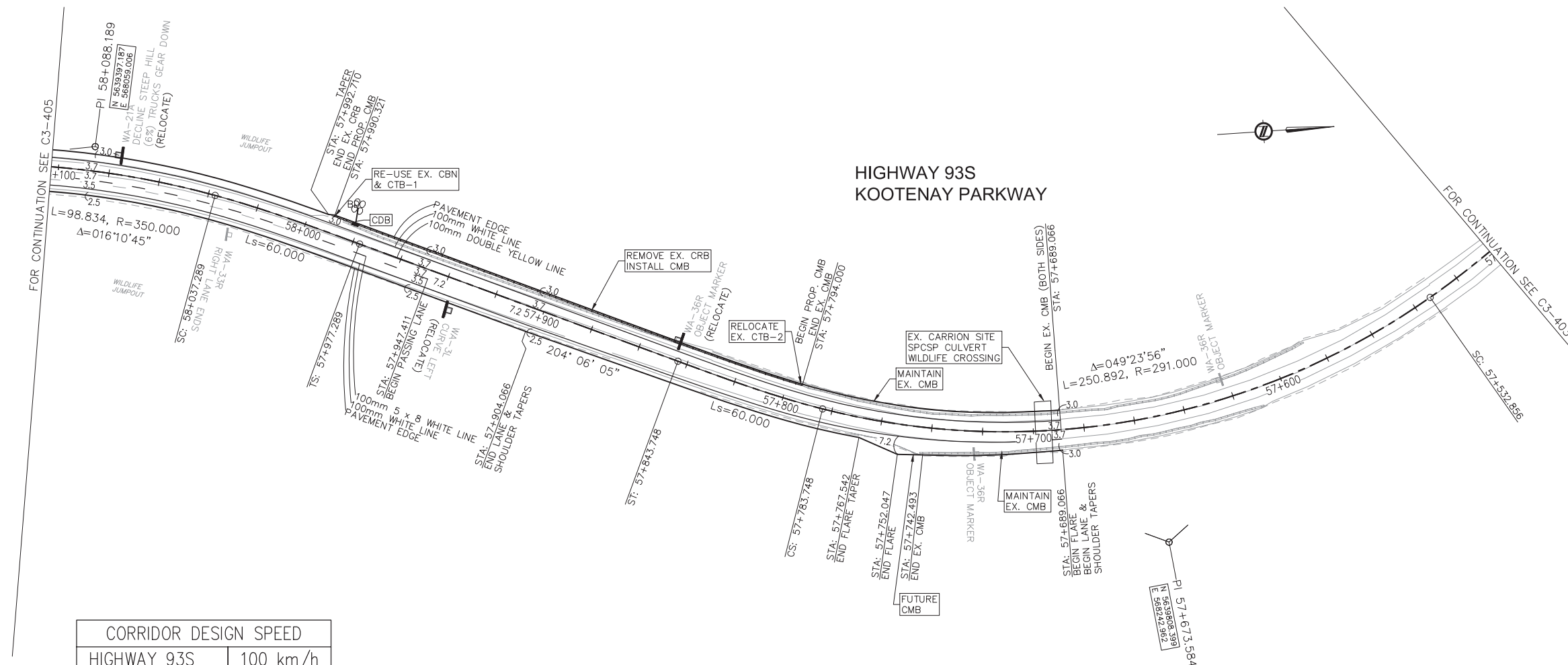
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
-----------------------------------------------------------------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

Project No./No. du projet 201536A	Asset No./No. du bien	Sheet No./ No. de la feuille 101
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Drawing Reference No./No. de référence du dessin	404
2121-00202-00-C3	

NOTE:
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AND REINSTATED WHERE REMOVED.



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

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

Consultant's Stamp
Sceau de l'expert-conseil

Ing. 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	
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McElhanney

Project title/Titre du projet

HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS

KOOTENAY NATIONAL PARK

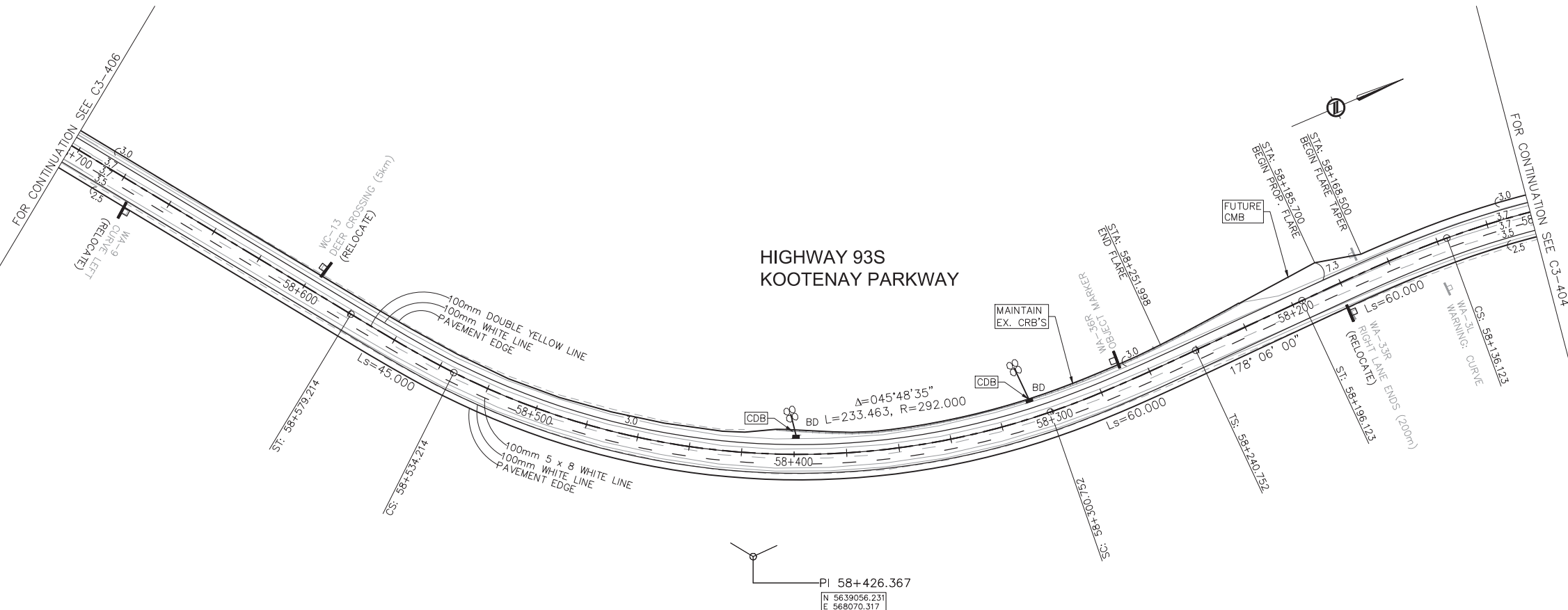
Drawing title/Titre du dessin

GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
NB CLIMBING LANE

$$58+100 - 58+700$$

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
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		405
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

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.



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

INFORMATION SHOWN ON THESE DRAWINGS REGARDING EXISTING UTILITIES IS COMPILED FROM SOME RECORD DRAWINGS AND SOME SURVEYS, AND MAY NOT BE COMPLETE OR FULLY ACCURATE. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXPOSE AND CONFIRM THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AND ADVISE THE DEPARTMENTAL REPRESENTATIVE OF ANY POTENTIAL CONFLICTS.

- NOTES:
1. COORDINATES SHOWN ARE IN UTM, ZONE 11, NAD 83 (CSRS).
 2. PAVEMENT MARKINGS SHALL BE AS PER CHAPTER 7 OF THE BC MOTI MANUAL OF STANDARD TRAFFIC SIGNS & PAVEMENT MARKINGS.
 3. ERADICATE EXISTING CONFLICTING PAVEMENT MARKINGS.
 4. ALL SIGNS TO BE MUTCD CANADA SIGN NUMBERING EXCEPT AS NOTED.
 5. CONTRACTOR TO CONFIRM EXISTING AND RELOCATED SIGNS MEET CURRENT REFLECTIVITY STANDARDS.

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	
<p>A detail number numéro de detail</p> <p>B source drawing no. no. de dessin no.</p> <p>C detail on drawing no. detail sur dessin no.</p>	

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

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

STA 58+700 - 59+300

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

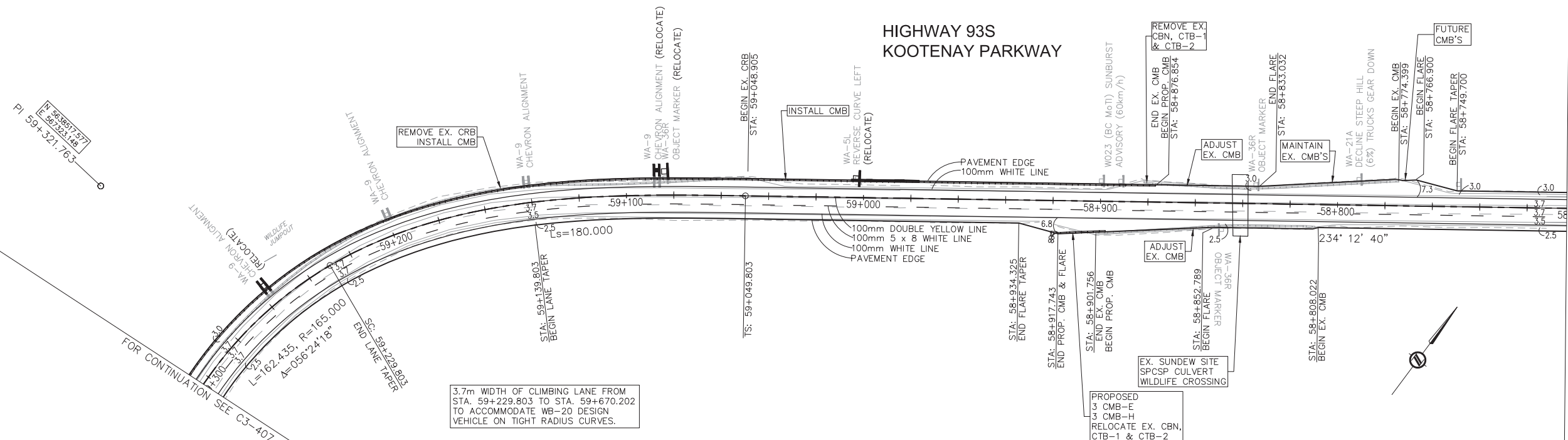
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		406

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.



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	CSB-H
16	CMB-H
17	CMB-E
2	CTB-1E
2	CTB-2H

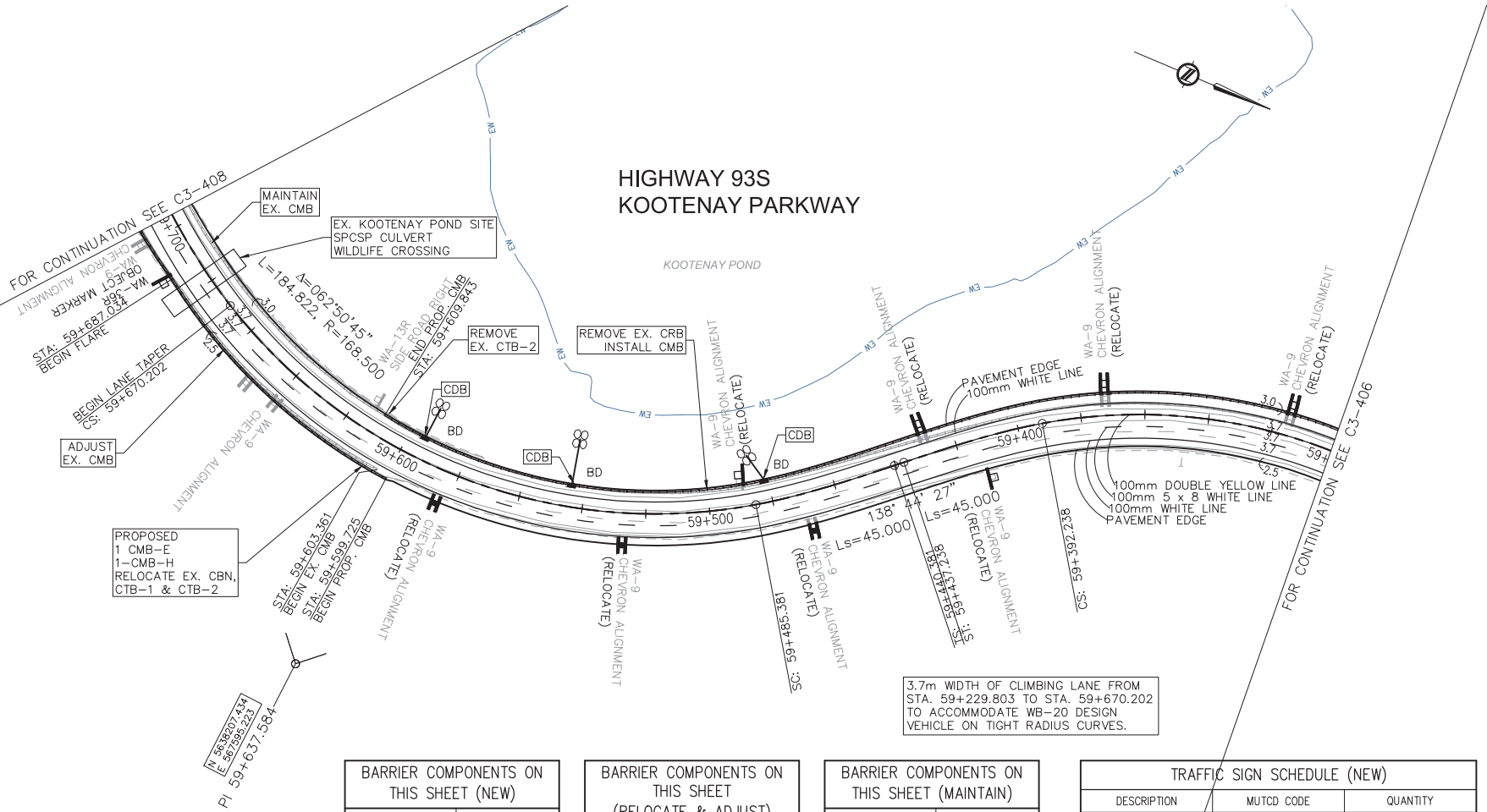
BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)	
No. of UNITS	DESCRIPTION
1	CBN-H
19	CMB-H
20	CDB-E
1	CTB-1E
1	CTB-2H

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

58
FOR CONTINUATION SEE C3-405

CORRIDOR DESIGN SPEED	
HIGHWAY 93S	100 km/h



NOTE:
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– AND ARE SHOWN FOR LAYOUT PURPOSES ONLY.
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AND REINSTATED WHERE REMOVED.

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

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 - CONTRACTOR TO CONFIRM EXISTING AND RELOCATED SIGNS MEET CURRENT REFLECTIVITY STANDARDS.

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	
<div><div>A</div><div>C</div></div>	A detail number numéro de détail
<div><div>A</div><div>B</div><div>C</div></div>	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
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Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK
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Drawing title/Titre du dessin	GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS NB CLIMBING LANE
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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
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Parks Canada Responsible Officer/Responsable 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

INFORMATION SHOWN ON THESE DRAWINGS REGARDING EXISTING UTILITIES IS COMPILED FROM SOME RECORD DRAWINGS AND SOME SURVEYS, AND MAY NOT BE COMPLETE OR FULLY ACCURATE. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXPOSE AND CONFIRM THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AND ADVISE THE DEPARTMENTAL REPRESENTATIVE OF ANY POTENTIAL CONFLICTS.

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

Consultant's Stamp
Sceau de l'expert-conseil

Ing. 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	
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Project title/Titre du projet	
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HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS

KOOTENAY NATIONAL PARK

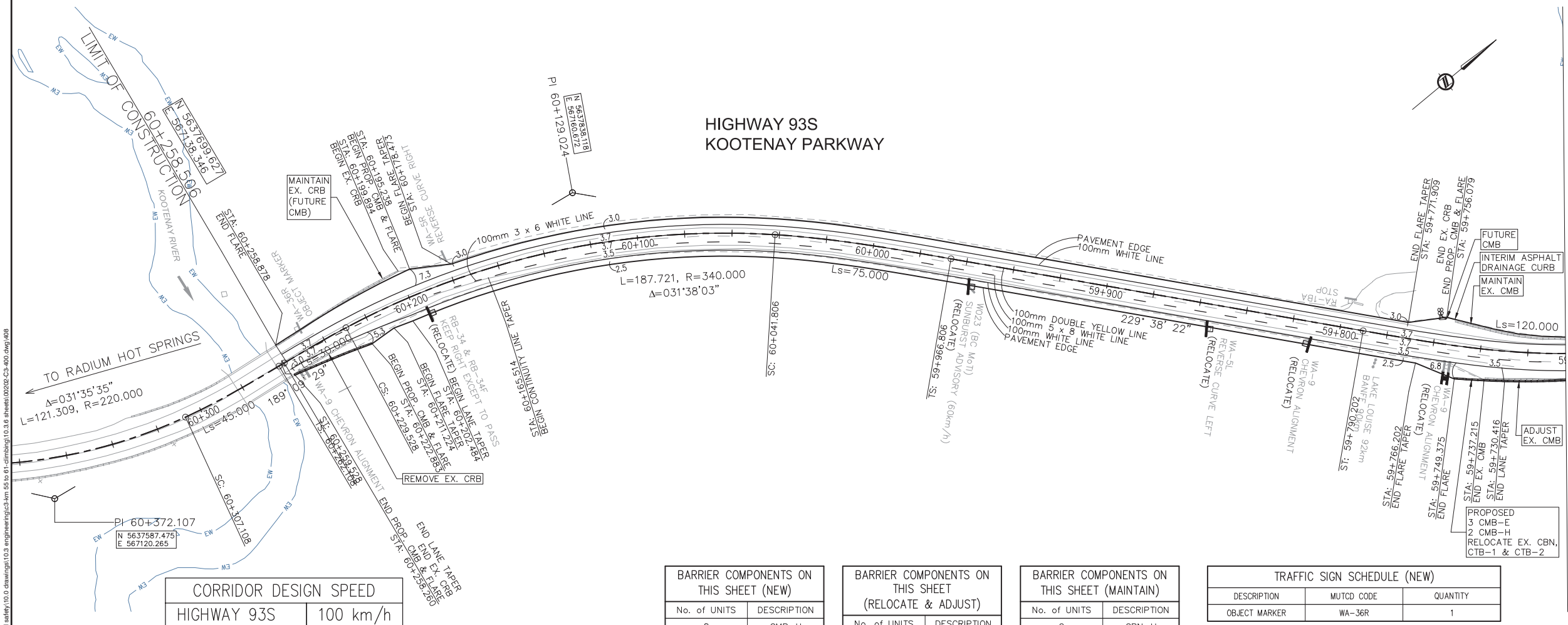
Drawing title/Titre du dessin

GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
NB CLIMBING LANE

STA 59+700 - 60+252.484

Surveyed by/Arpente 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/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		408
Drawing Reference No./No. de référence du dessin		
2121-00202-00-C3		

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.



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

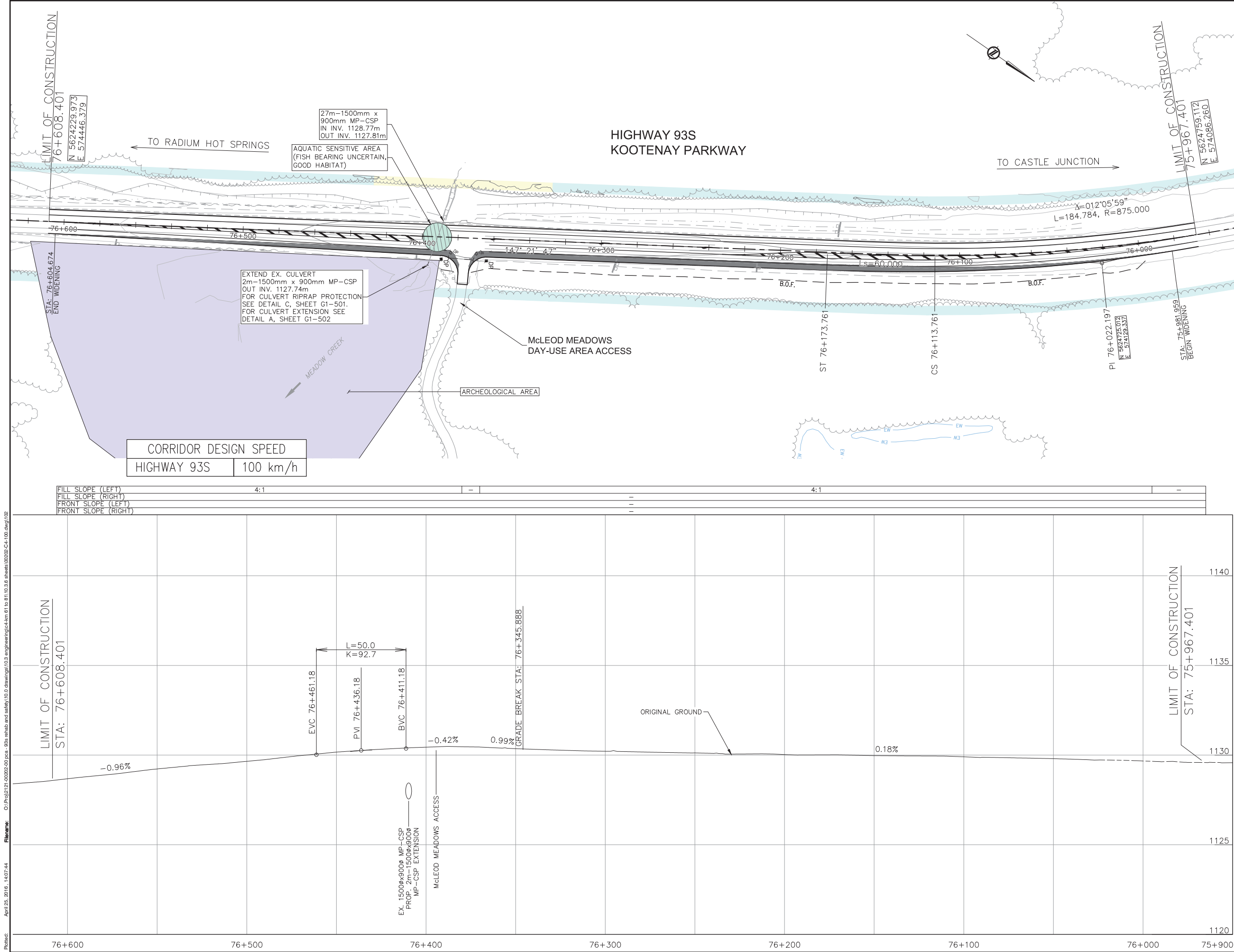
BARRIER COMPONENTS ON THIS SHEET (MAINTAIN)	
No. of UNITS	DESCRIPTION
2	CBN-H
11	CRB-H
11	CRB-E
9	CMB-H
10	CMB-E
1	CDB (810mm HIGH)
2	CTB-1E
2	CTB-2H
2	STD. PARAPET TRANSITION

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

Plotted:	April 25, 2016, 11:56:42	Filename:	O:\Proj\2121-00\202-00 pca - 93s rehab and safety\10.0 drawings\10.3 engineering\c3-km 55 to 61-climbing\10.3.6 sheets\0202-C3-400.dwg\408
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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

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

Revision / Revision

Revision	Detail Number	Source Drawing	Detail on Drawing
A	detail number	source drawing no.	detail on drawing no.
B	numéro de detail	de dessin no.	detail sur dessin no.
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

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

Project No./No. du projet	Asset No./No. de 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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- 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.

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

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

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
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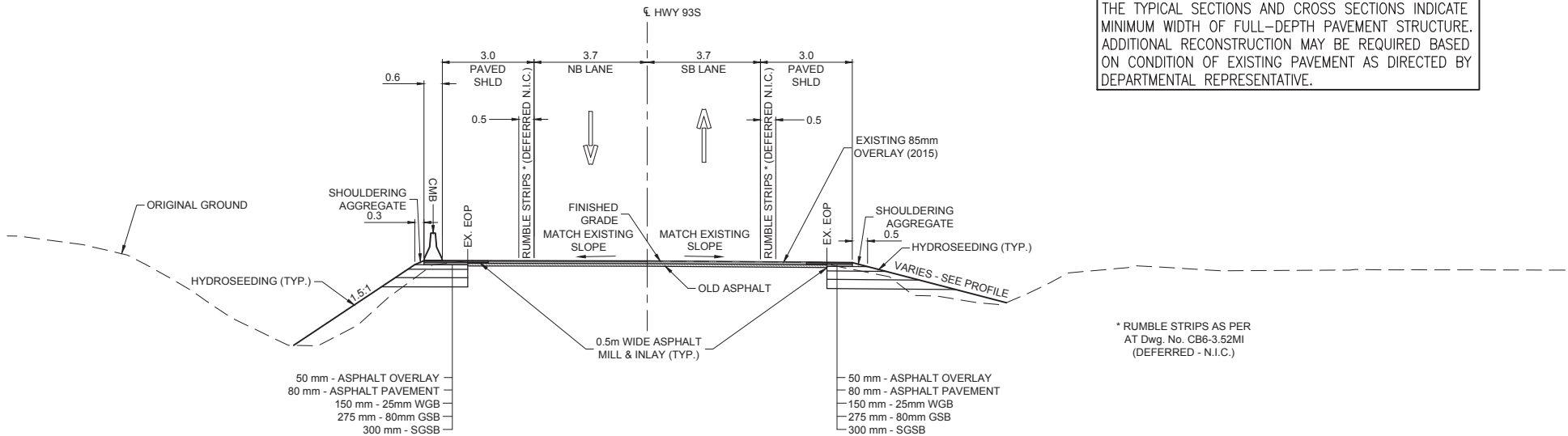
Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		301

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

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.



NOTES:
1) LOCATIONS WITH RECENT ASPHALT OVERLAY REQUIRE A 0.5m WIDE x 0.05m DEEP ASPHALT MILL AND OVERLAY BETWEEN PROPOSED WIDENING AND EXISTING PAVEMENT.

2) RECENT OVERLAY OF SECTION C4 WAS CARRIED OUT FROM STATION 64+700 TO 72+600 IN 2015.

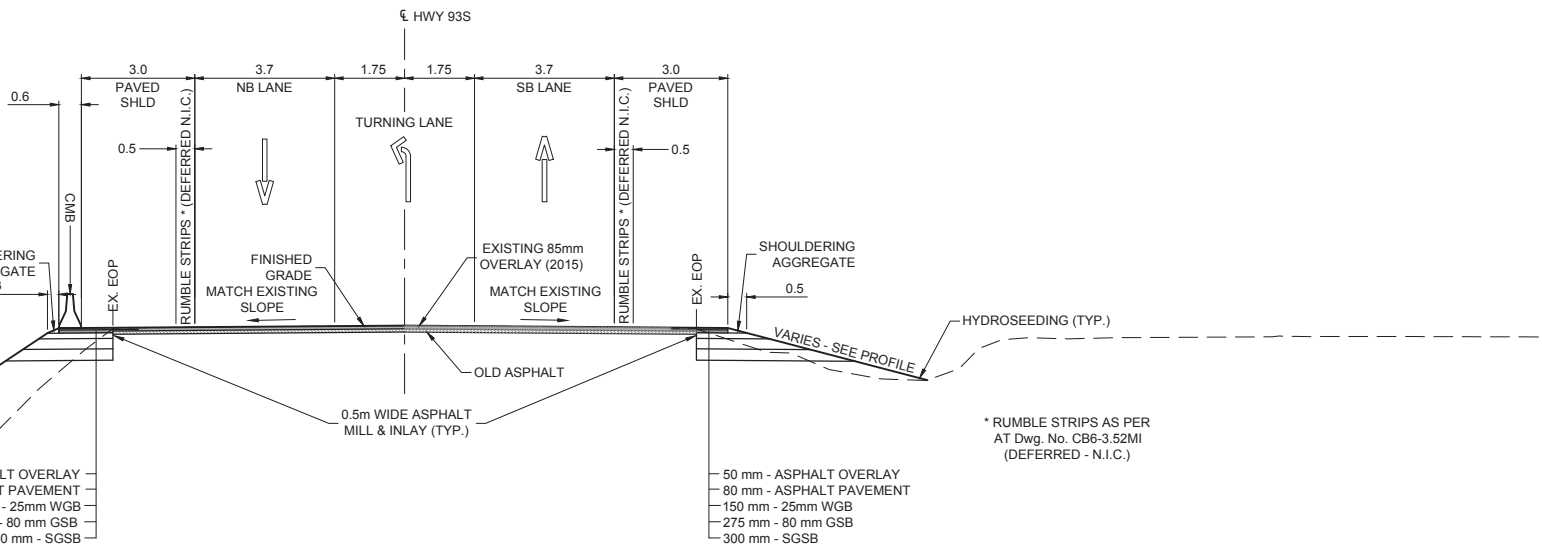
3) TYPICAL ROAD STRUCTURE OF PROPOSED WIDENING DIFFERS BETWEEN LOCATIONS THAT HAVE HAD RECENT ASPHALT OVERLAYS AND THOSE THAT HAVE NOT.

a) TYPICAL PROPOSED ROAD STRUCTURE OF RECENTLY OVERLAYED LOCATIONS:

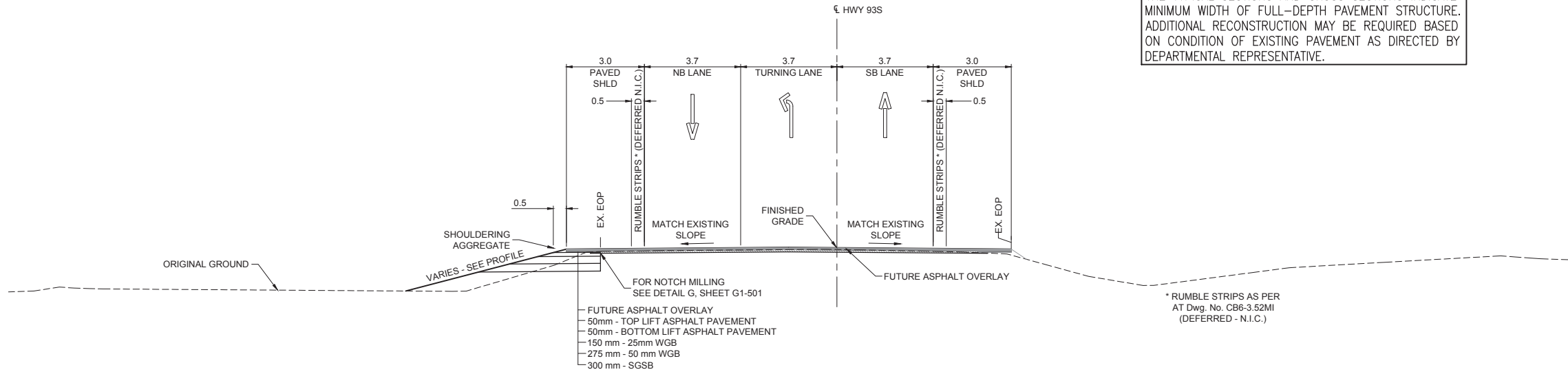
- 50mm - ASPHALT OVERLAY
- 80mm - ASPHALT PAVEMENT
- 150mm - 25mm WGB
- 275mm - 80mm GSB
- 300mm - SGSB

b) TYPICAL PROPOSED ROAD STRUCTURE OF NON-OVERLAYED LOCATIONS:

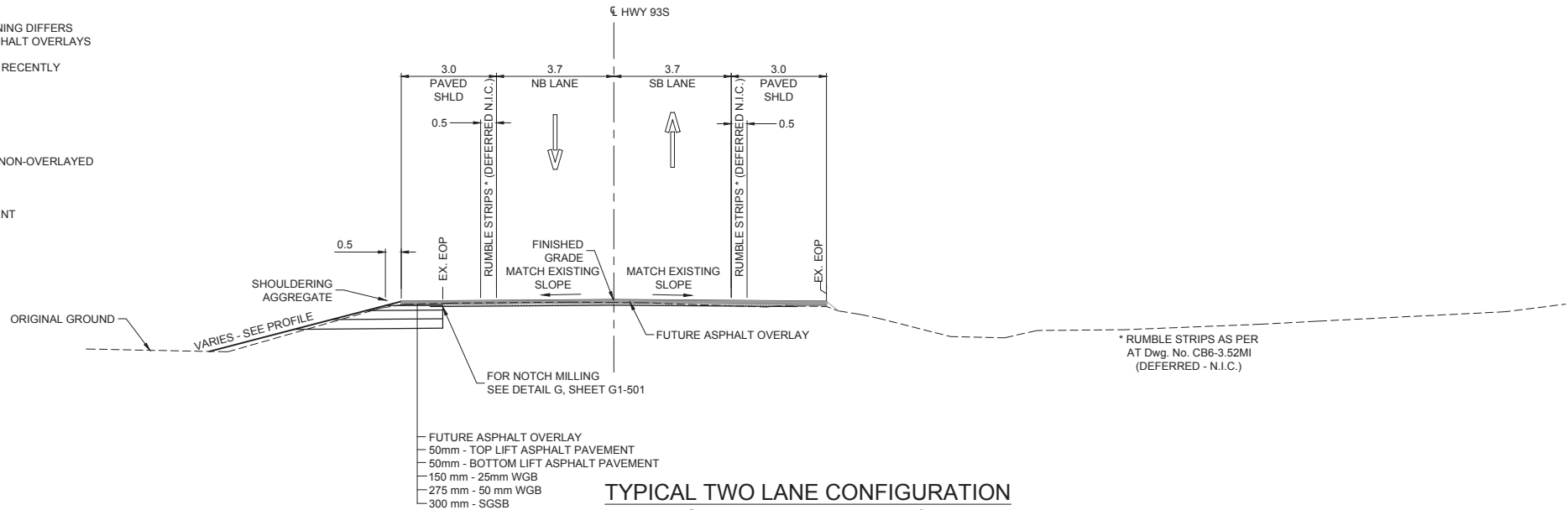
- FUTURE OVERLAY
- 50mm - TOP LIFT ASPHALT PAVEMENT
- 50mm - BOTTOM LIFT ASPHALT PAVEMENT
- 150mm - 25mm WGB
- 275mm - 80mm GSB
- 300mm - SGSB



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



- 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 - SGGB
 - 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 - SGGB



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.

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- NOTES:
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 - 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.

NOT FOR CONSTRUCTION

0	2016.03.14	ISSUED FOR TENDER	RL	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
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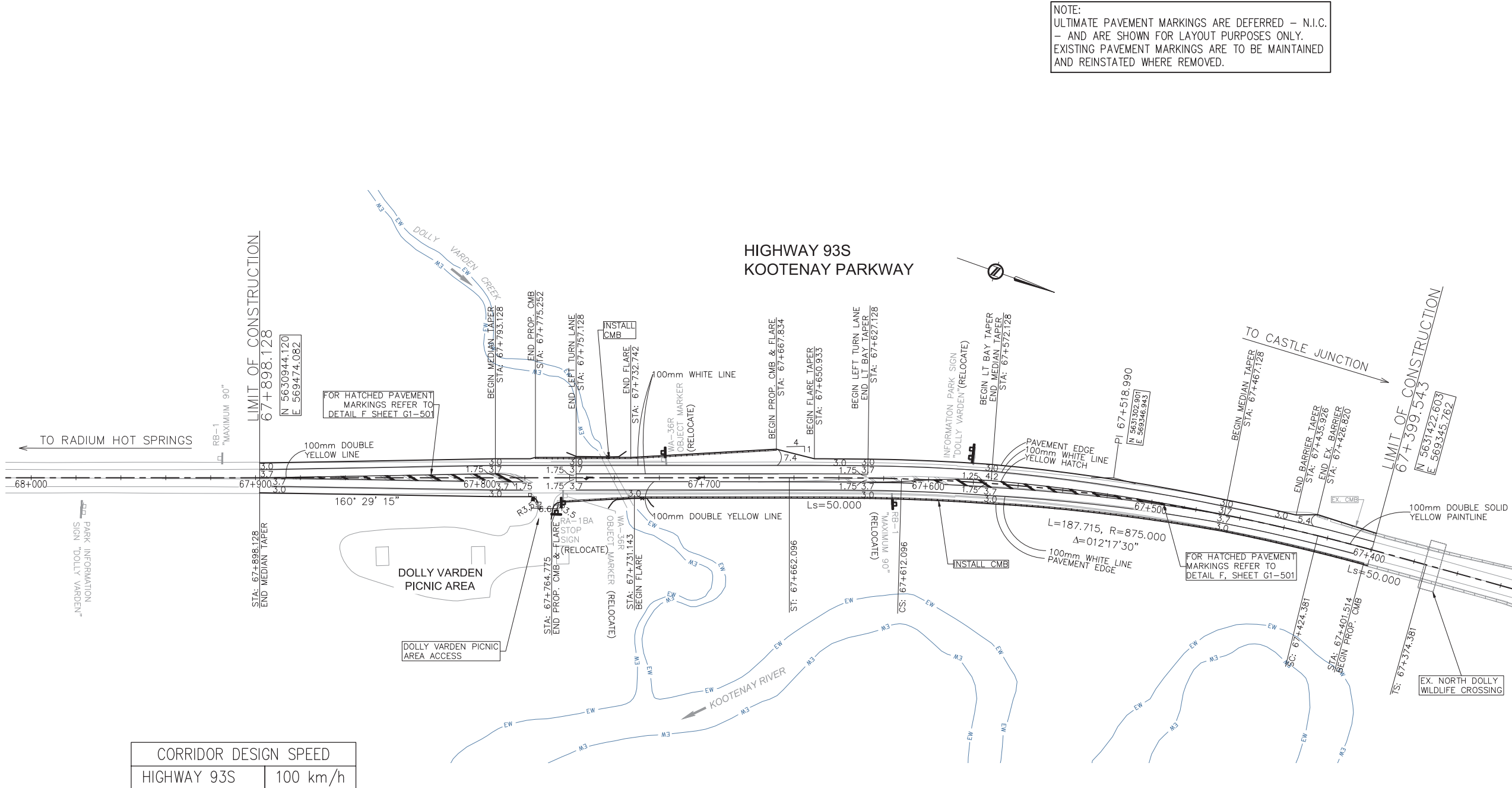
Client/client	
 Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région

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	TYPICAL SECTIONS MCLEOD MEADOWS CAMPGROUND
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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/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		302
Drawing Reference No./No. de référence du dessin		2121-00202-00-C4



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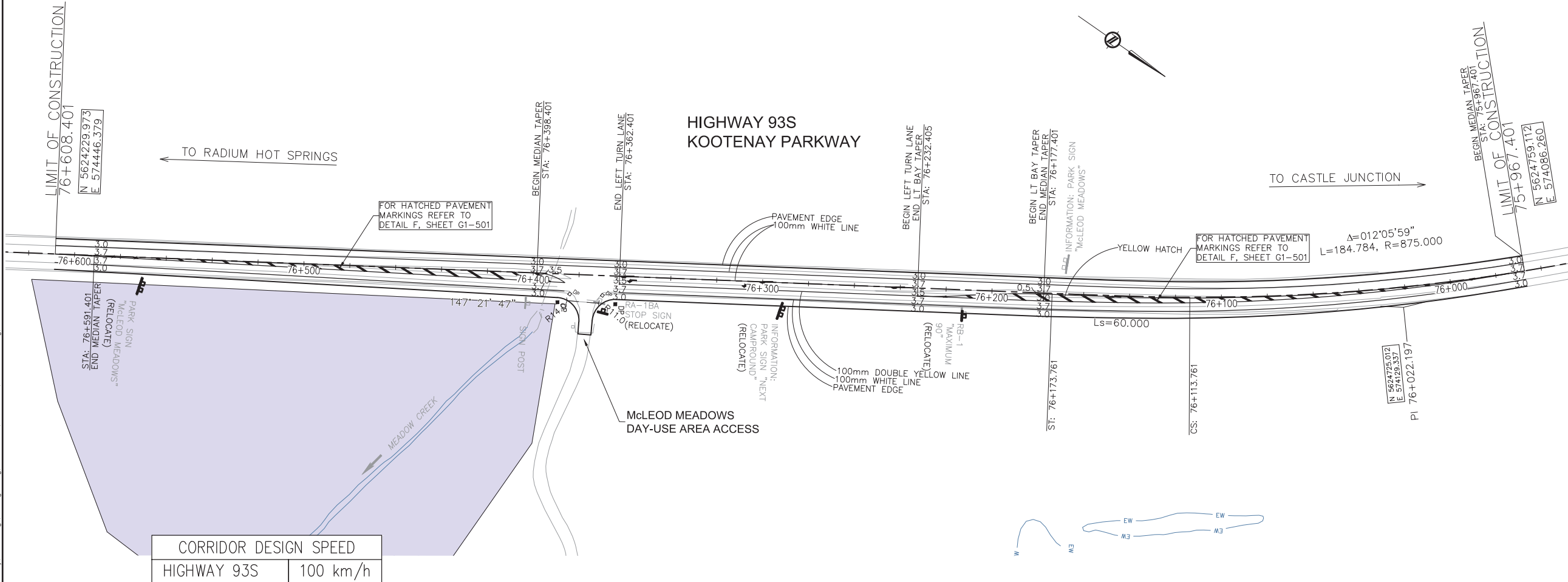
INFORMATION SHOWN ON THESE DRAWINGS REGARDING EXISTING UTILITIES IS COMPILED FROM SOME RECORD DRAWINGS AND SOME SURVEYS, AND MAY NOT BE COMPLETE OR FULLY ACCURATE. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXPOSE AND CONFIRM THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AND ADVISE THE DEPARTMENTAL REPRESENTATIVE OF ANY POTENTIAL CONFLICTS.

NOTES:

- COORDINATES SHOWN ARE IN UTM, ZONE 11, NAD 83 (CSRS).
- PAVEMENT MARKINGS SHALL BE AS PER CHAPTER 7 OF THE BC MOTI 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.

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		
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 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		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		
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada		
Project No./No. du projet		Asset No./No. du bien		Sheet No./ No. de la feuille
201536A				401
Drawing Reference No./No. de référence du dessin				
2121-00202-00-C4				



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

NOT FOR CONSTRUCTION

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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.		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 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									
GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS 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	1:1000							
Parks Canada Project Manager/Administrateur de Projets Parcs Canada									
Client Acceptance/Acceptation du client			Approved by/Approuvé par						
Parks Canada Responsible Officer/Agent Responsable Parcs Canada									
Parks Canada Project Manager/Administrateur de Projets Parcs Canada									
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille							
201536A		402							
Drawing Reference No./No. de référence du dessin									
2121-00202-00-C4									



N.T.S.



DETAIL C: HAND PLACED RIPRAP FOR CSP CULVERTS

N.T.S.



SCALE 1:20

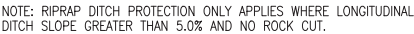


N.T.S.



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.

NOT FOR CONSTRUCTION

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

Consultant's Stamp
Sceau de l'expert-conseil

Ing. Stamp
Sceau de l'ingénieur

Client/client



Parks Canada
Agency
Western and
Northern Regi

L'Agence Parcs
Canada
Ouest et Nord
Région

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

Project title/Titre du projet

HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS

KOOTENAY NATIONAL PARK

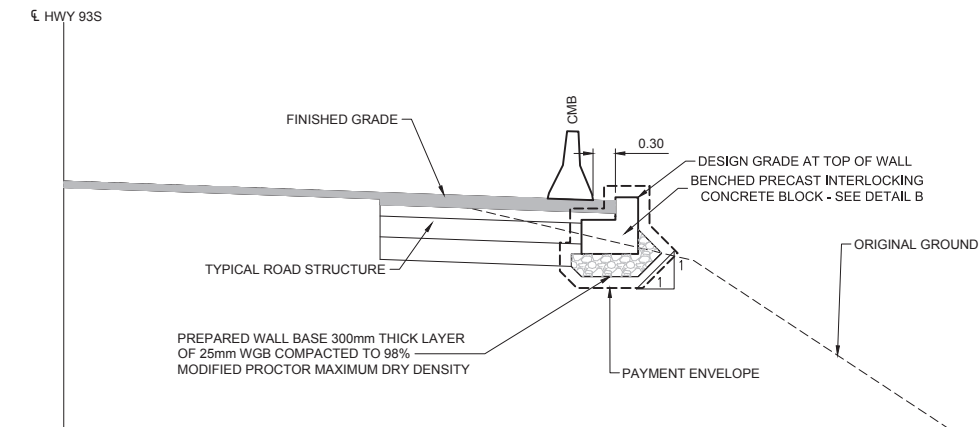
DETAILS

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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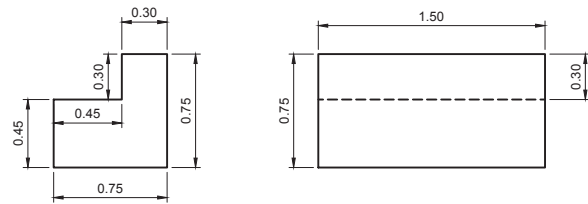
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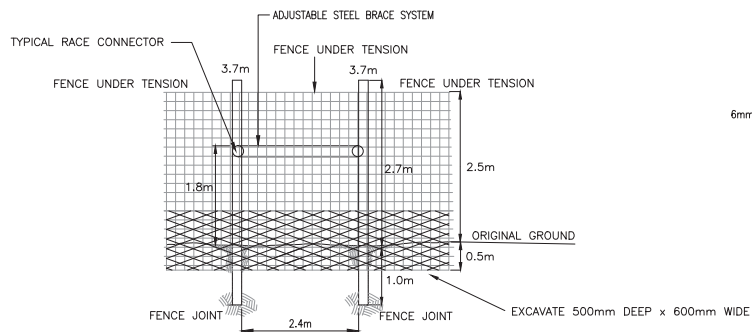
DETAIL A: PRECAST INTERLOCKING CONCRETE BLOCK WALL

N.T.S.



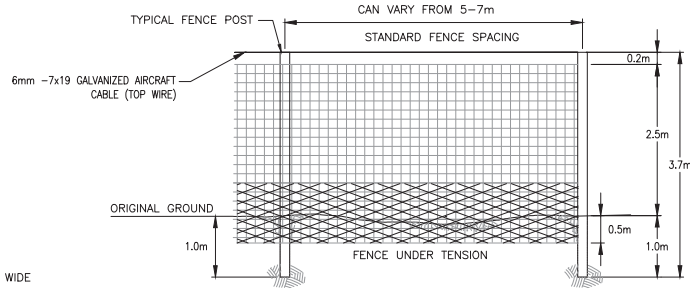
DETAIL B: TYPICAL BENCHED PRECAST INTERLOCKING CONCRETE BLOCKS

N.T.S.



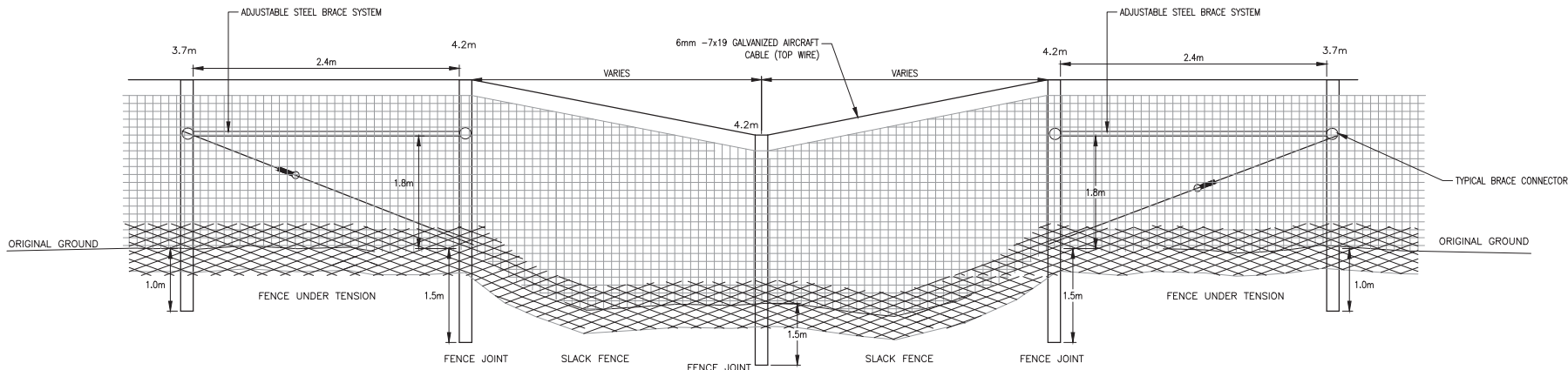
LINE BRACE SYSTEM

(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.

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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
C

A
B
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

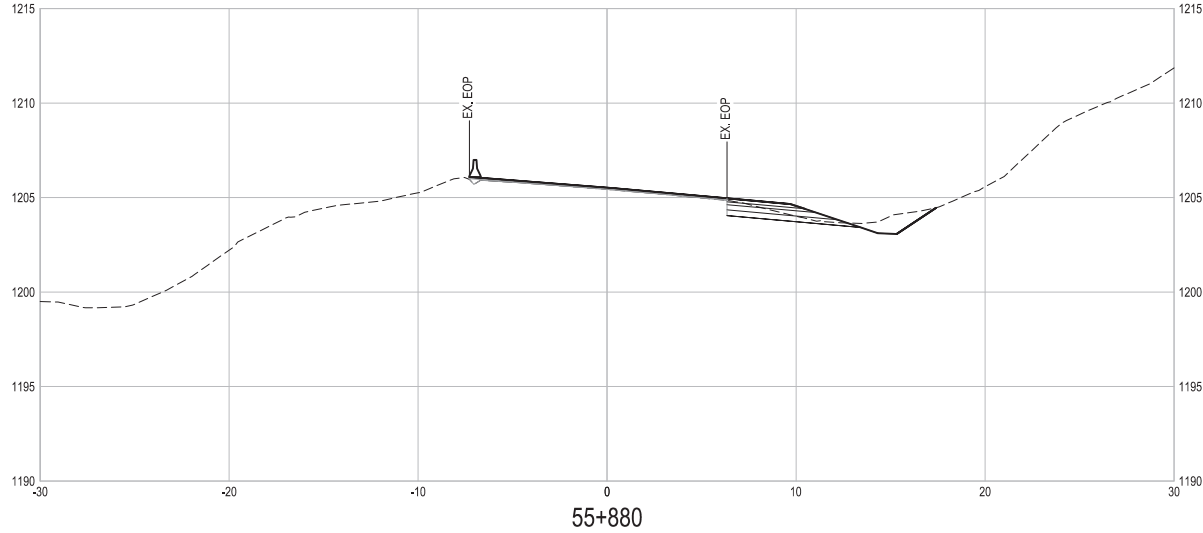
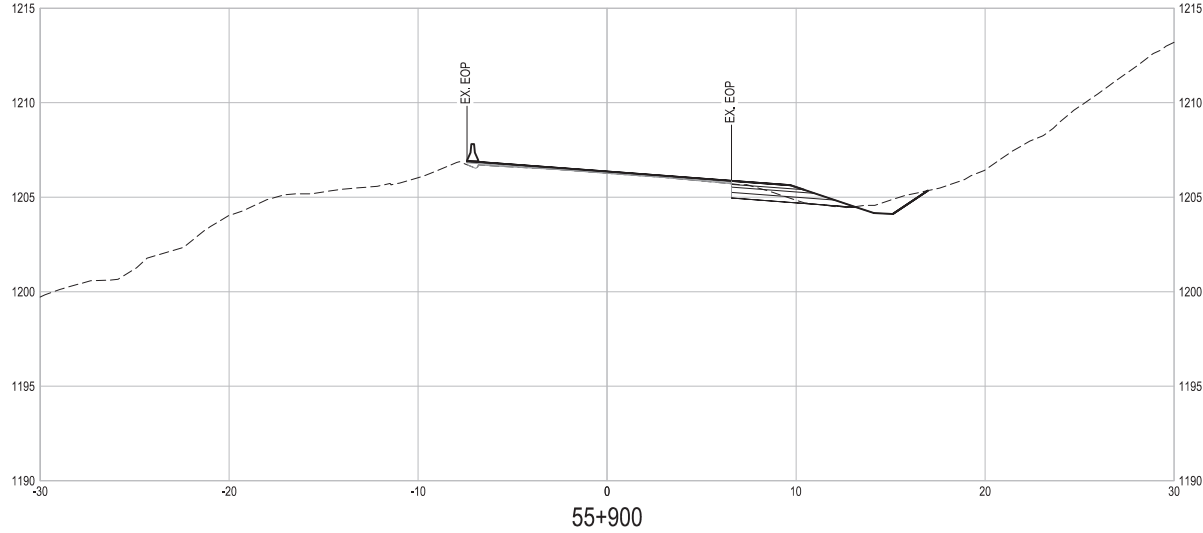
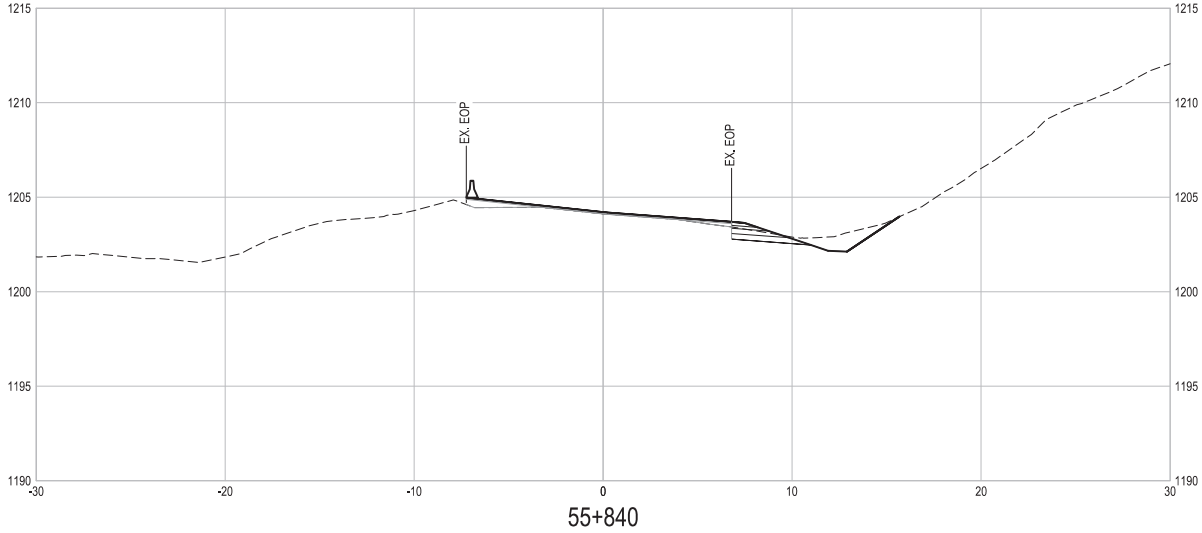
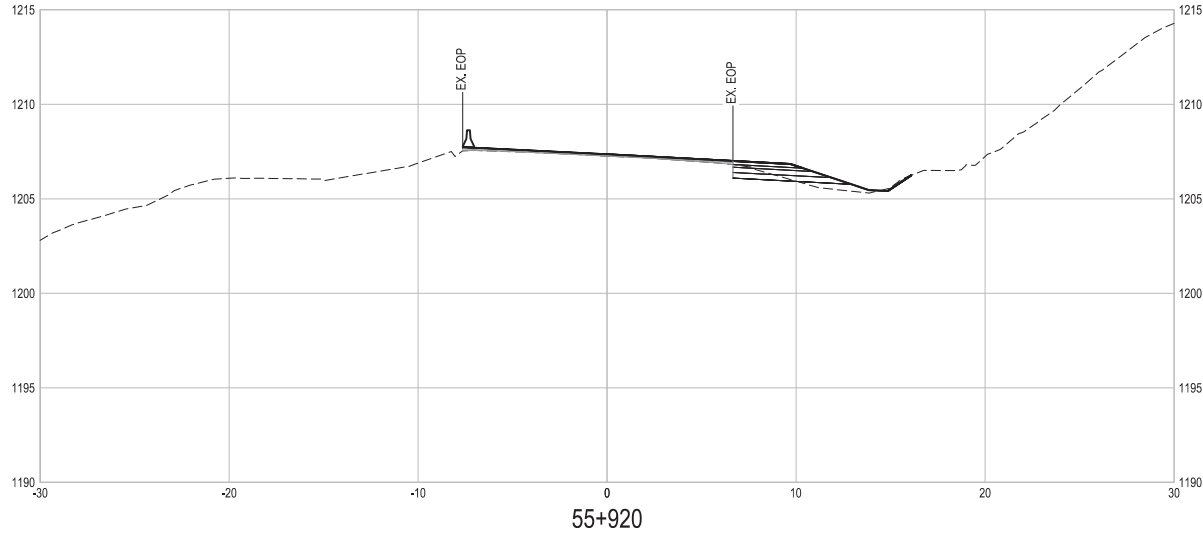
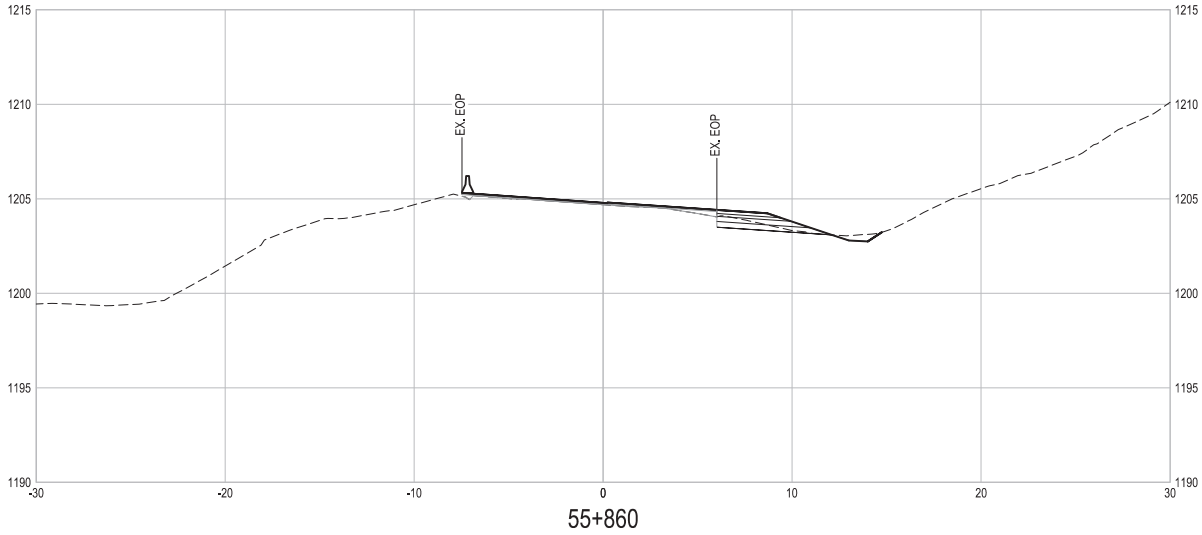
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agents Responsable Parcs Canada

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
2121-00202-00-G1

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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	
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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 55+840 - 55+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

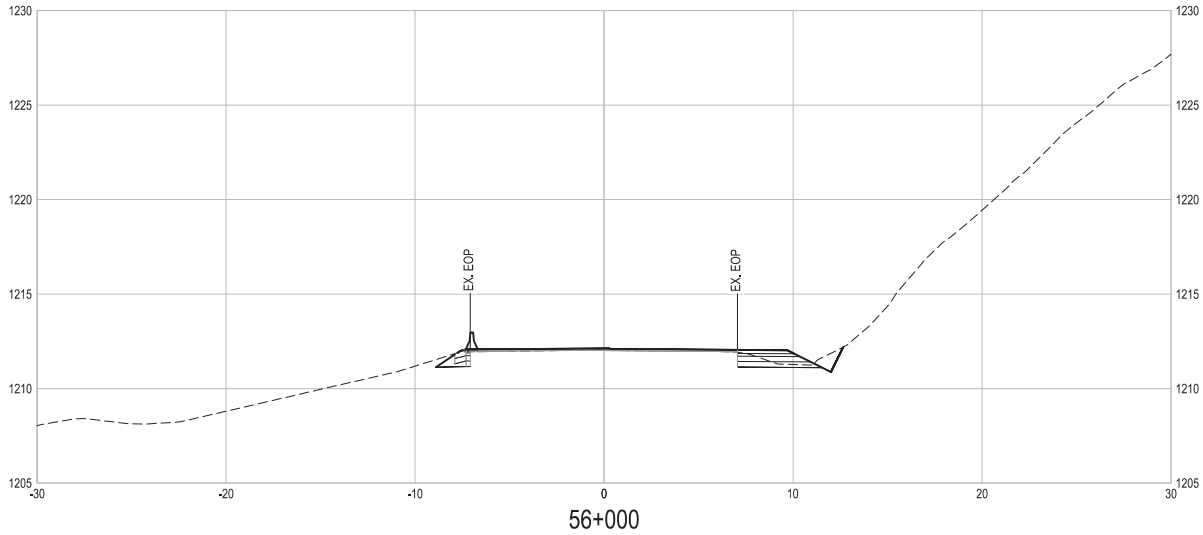
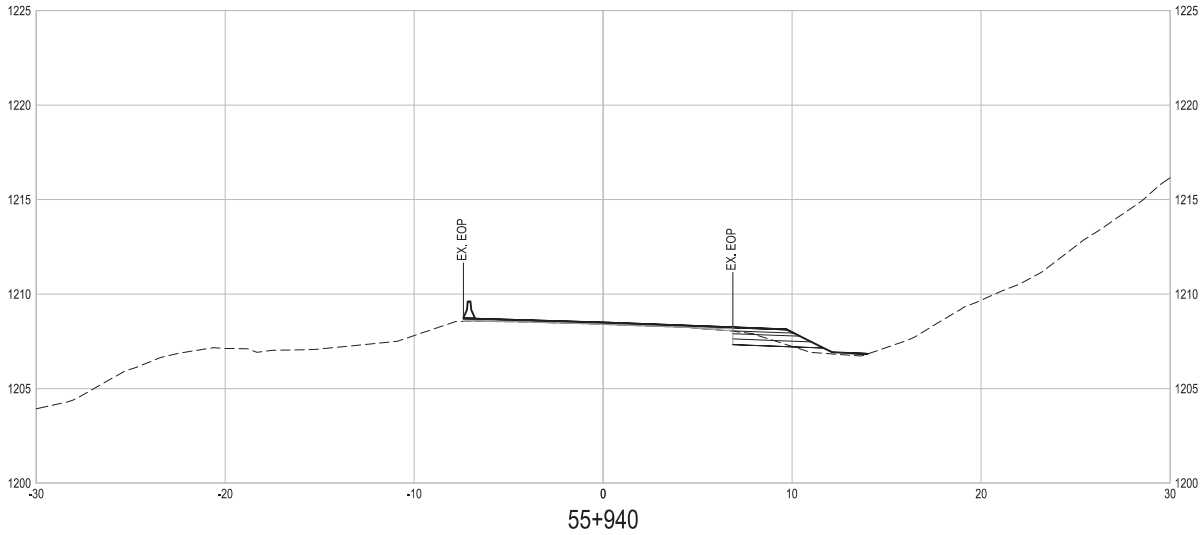
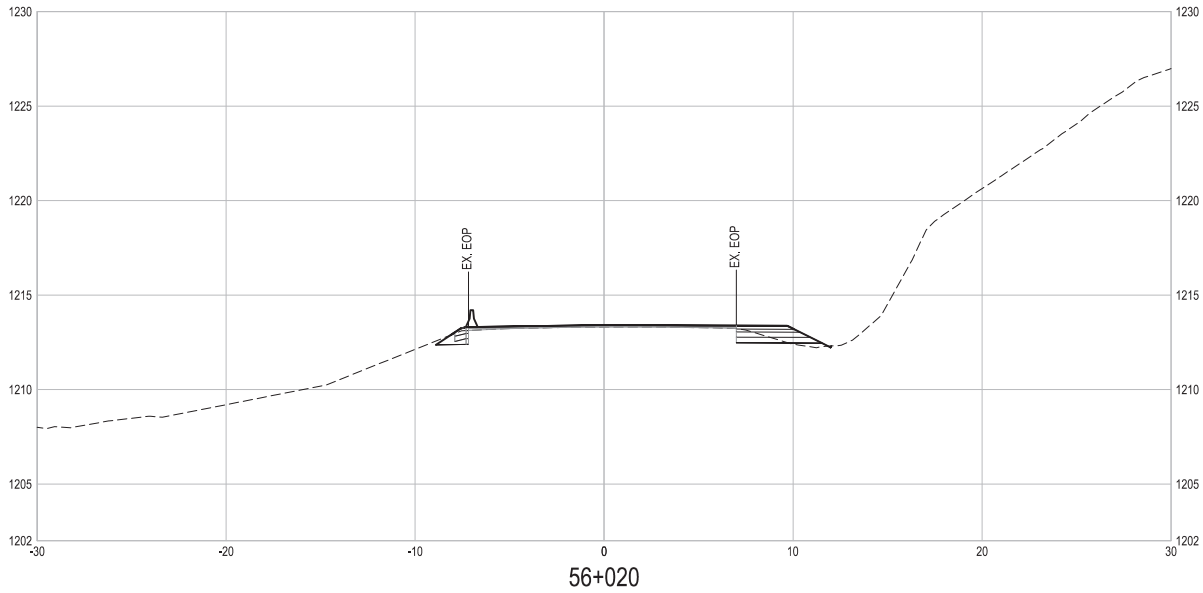
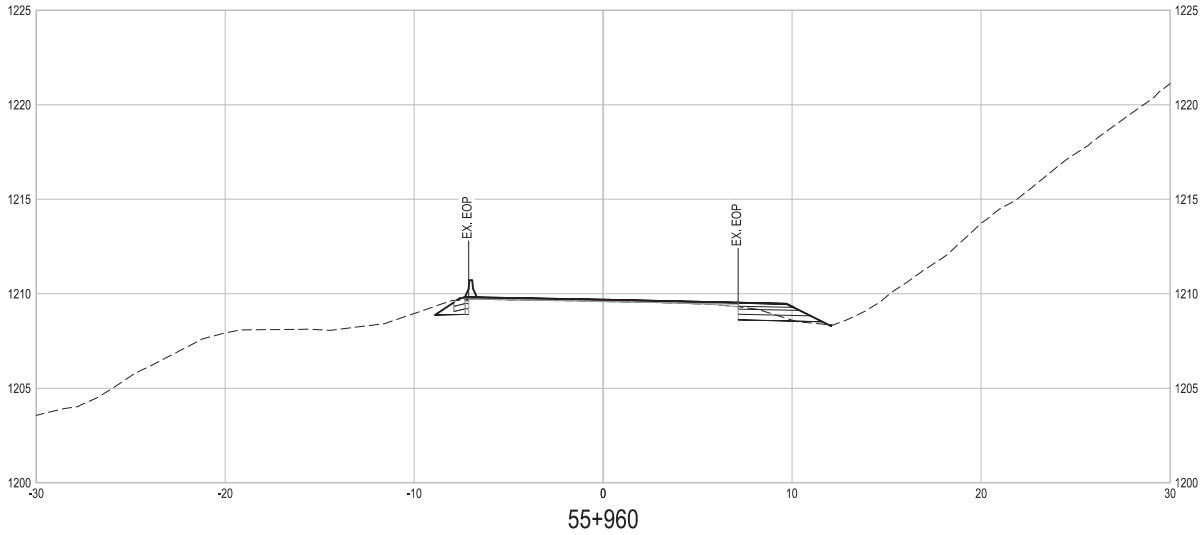
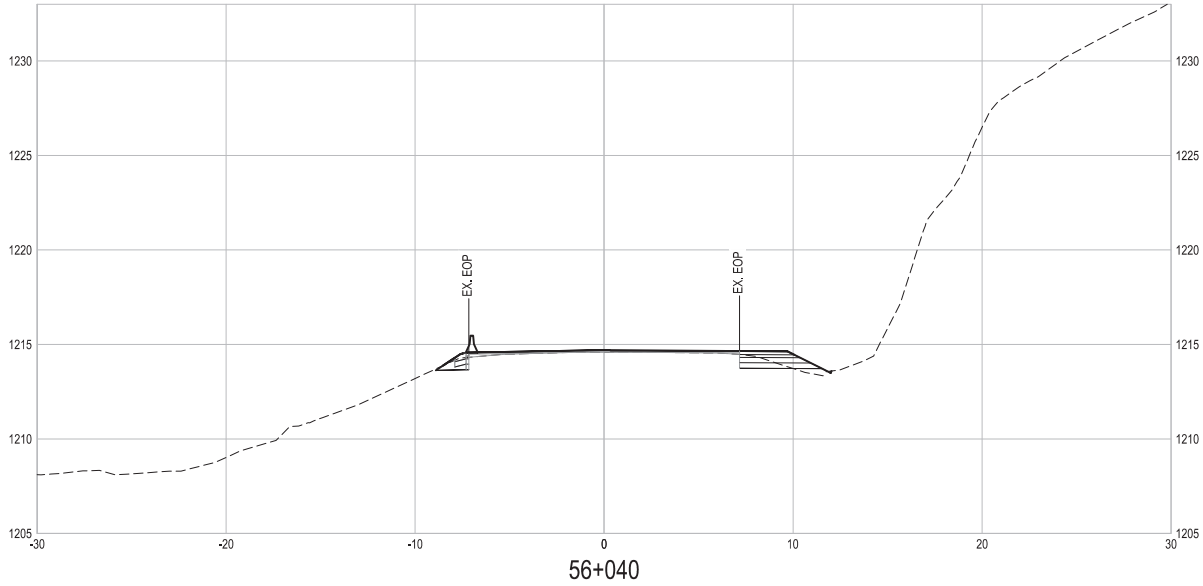
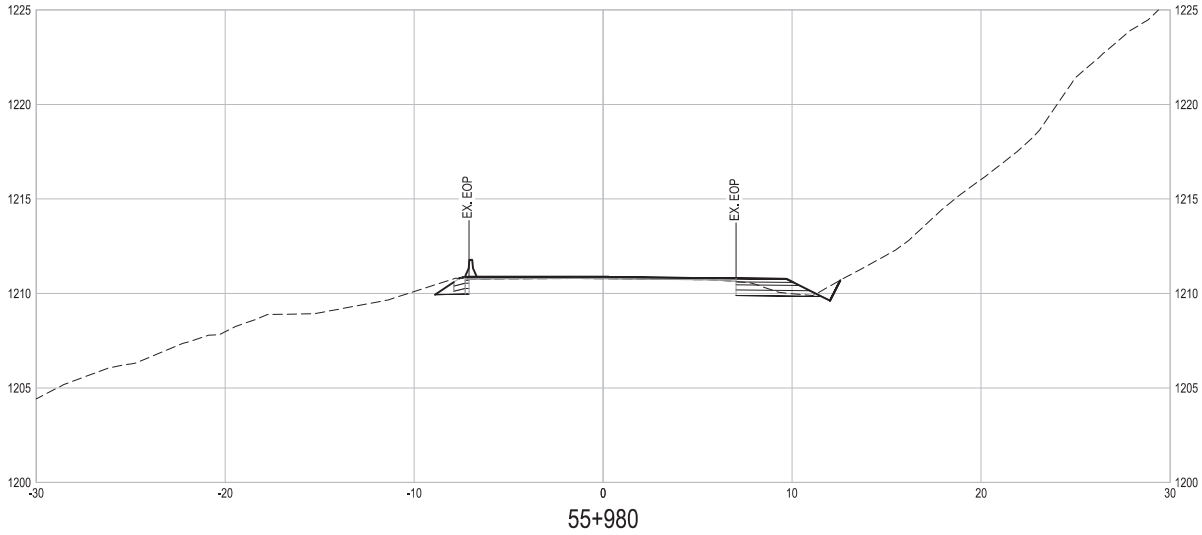
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS01
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

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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	
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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


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

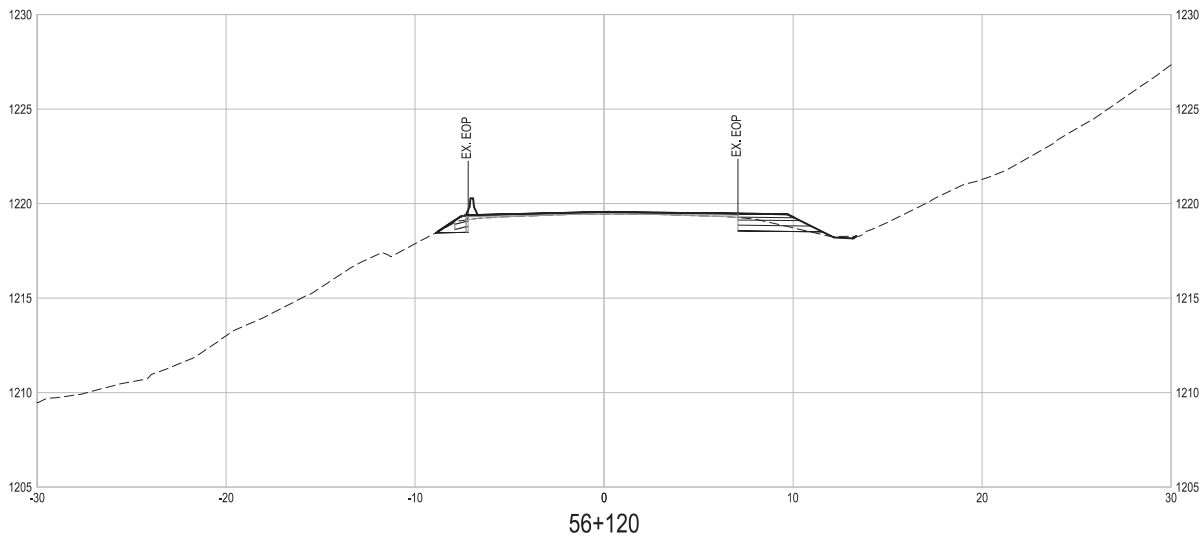
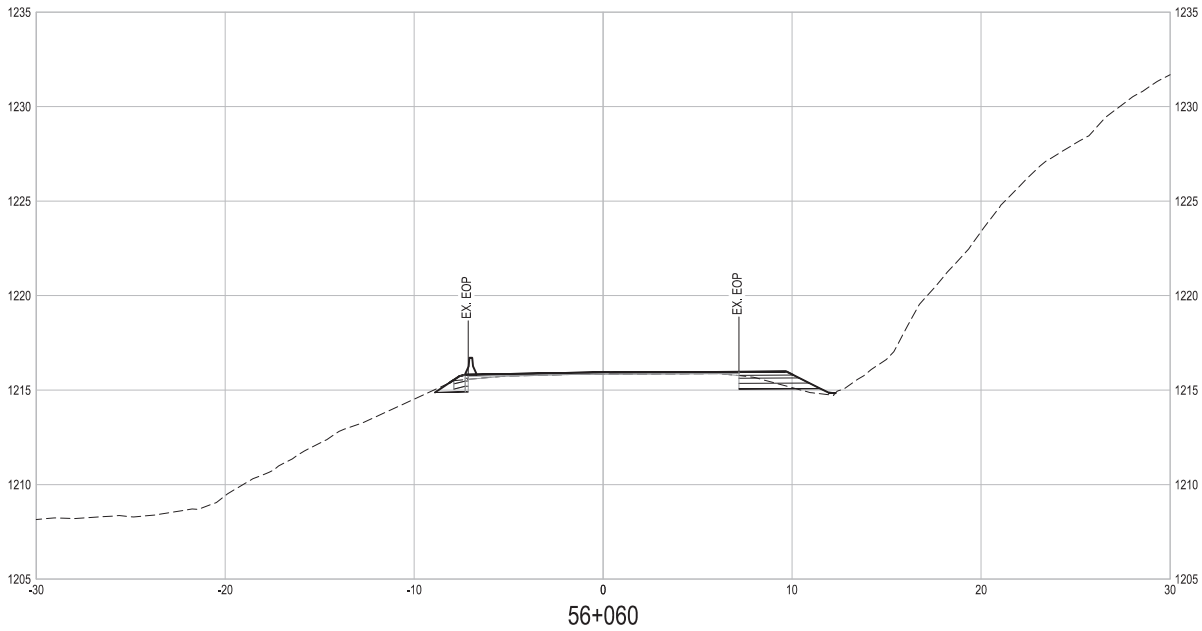
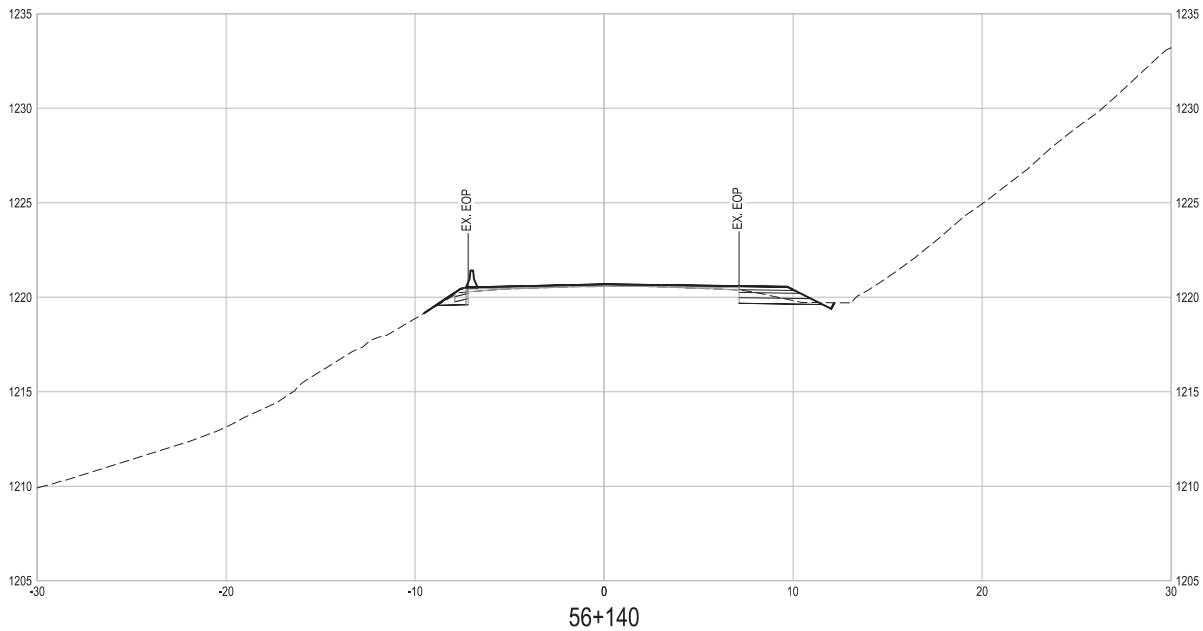
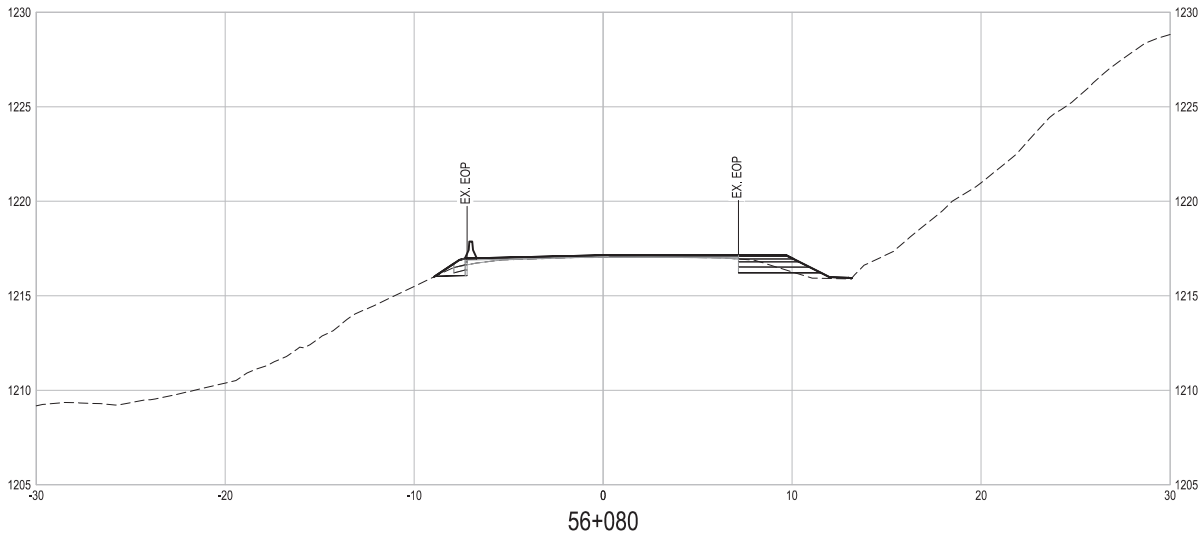
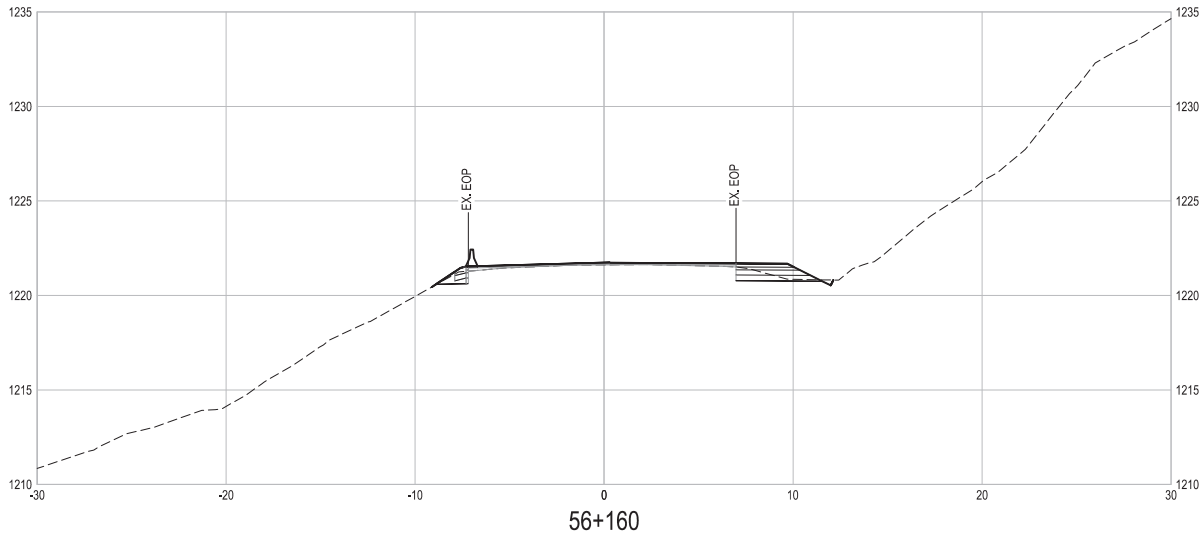
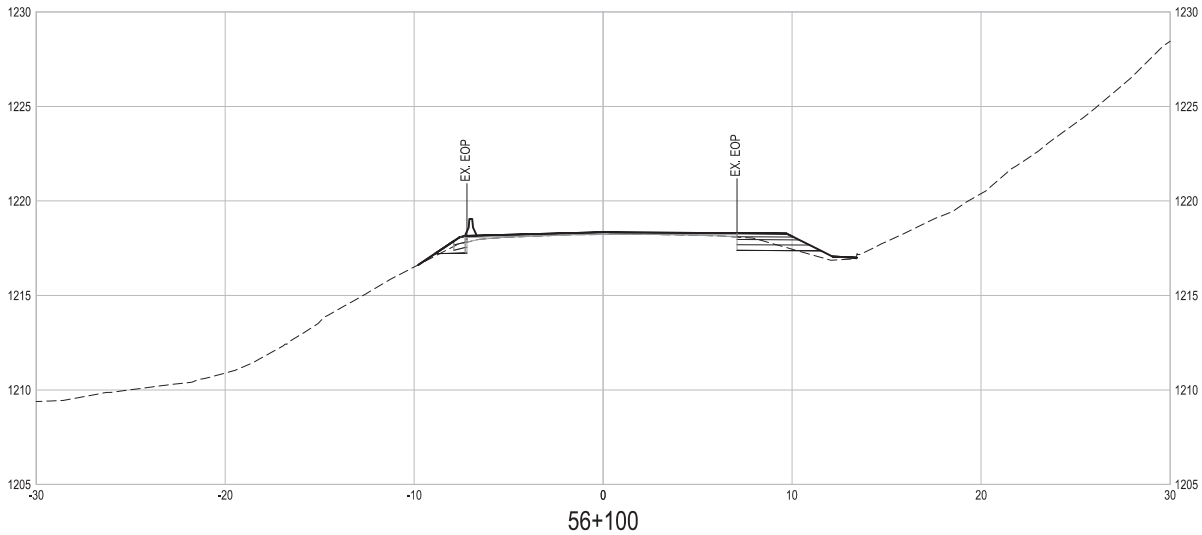
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Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

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

Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
Project No./No. du projet		Asset No./No. du-bien	
201536A			
Drawing Reference No./No. de référence du dessin		Sheet No./No. de la feuille	
2121-00202-00-C3		XS02	
		of 32	

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Revision / Revision	
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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
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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+060 - 56+160

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	
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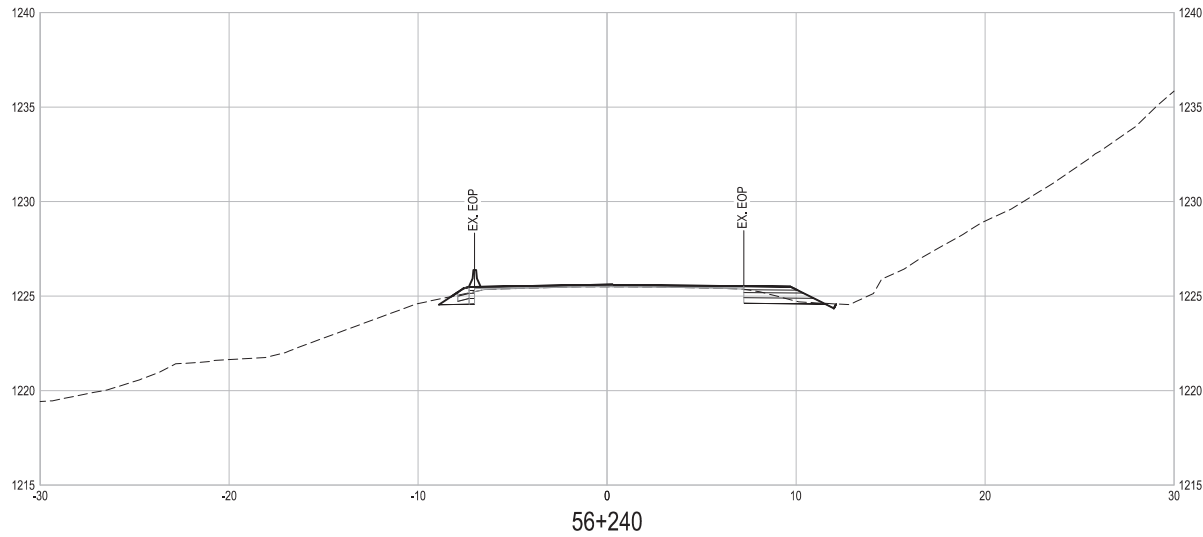
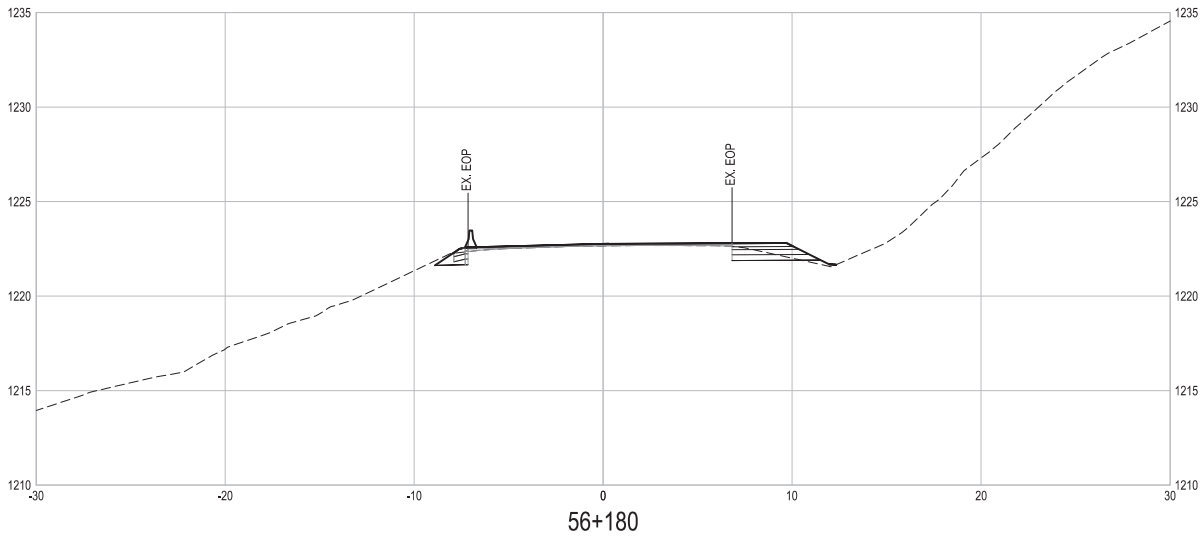
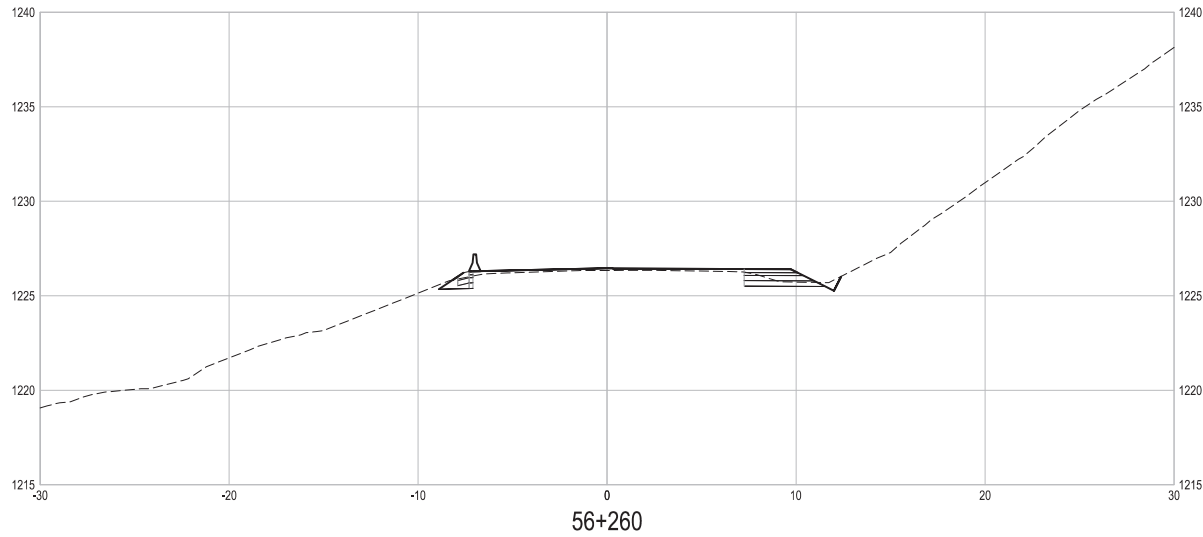
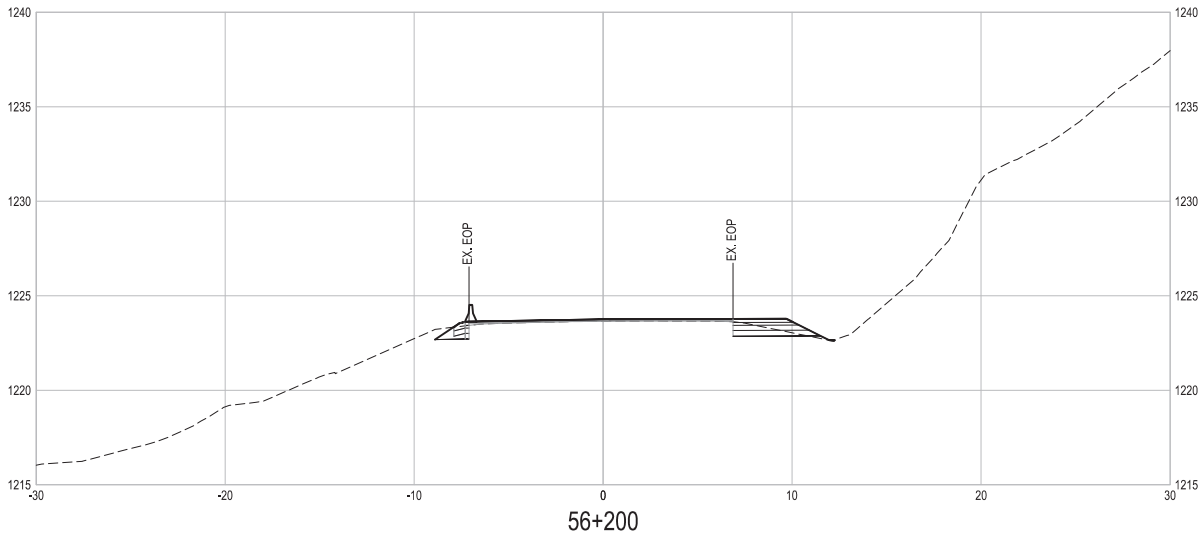
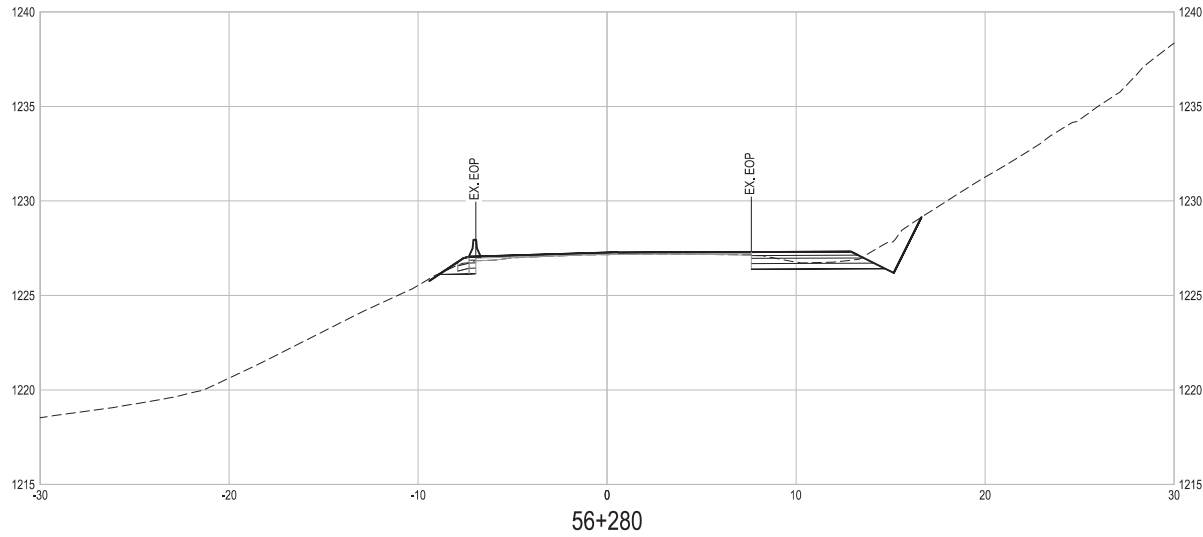
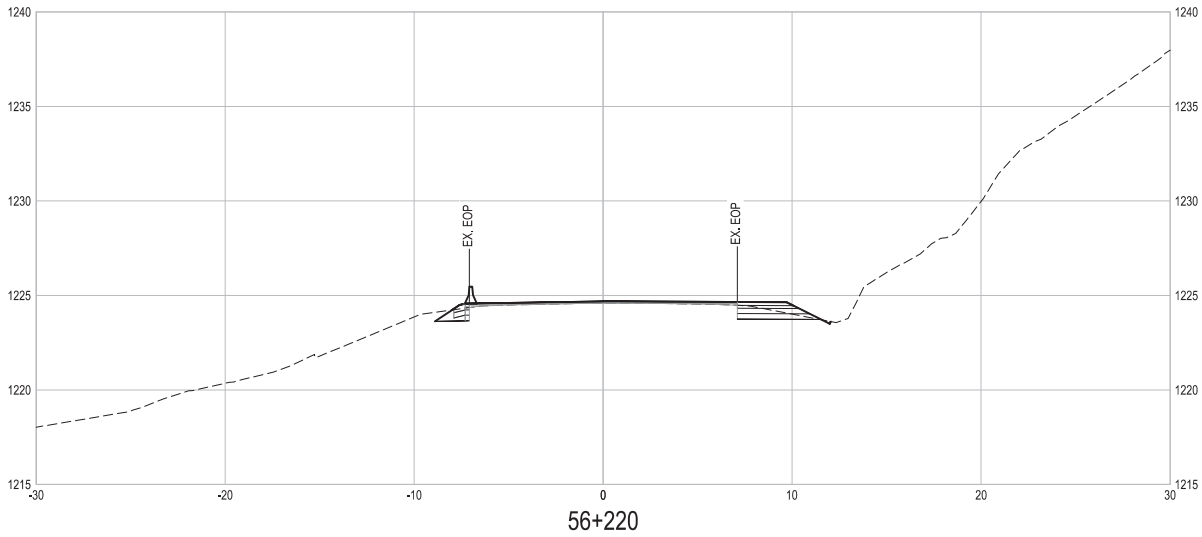
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Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS03

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

Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg;XS-04
Plotted: April 14, 2016, 10:00:26



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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	
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<div><div>A</div><div>B</div><div>C</div></div>	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 56+180 - 56+280

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

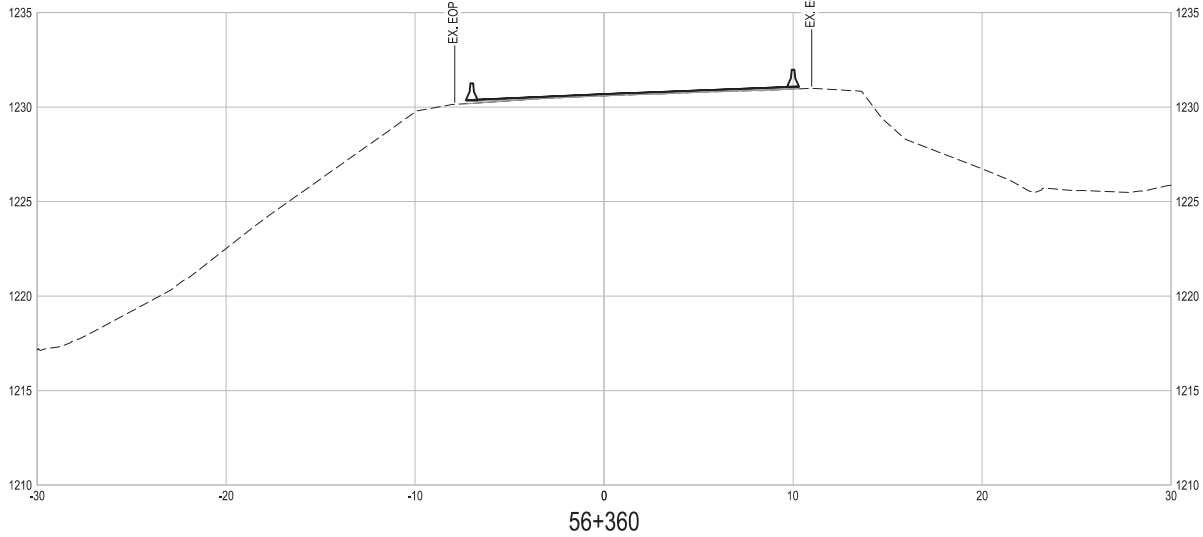
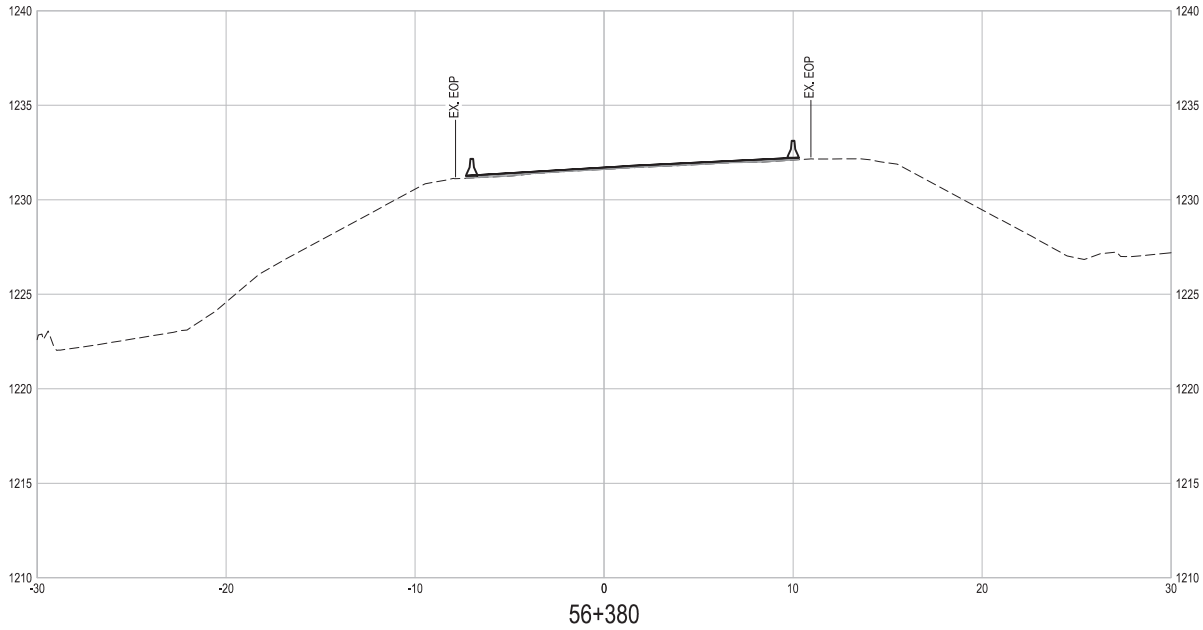
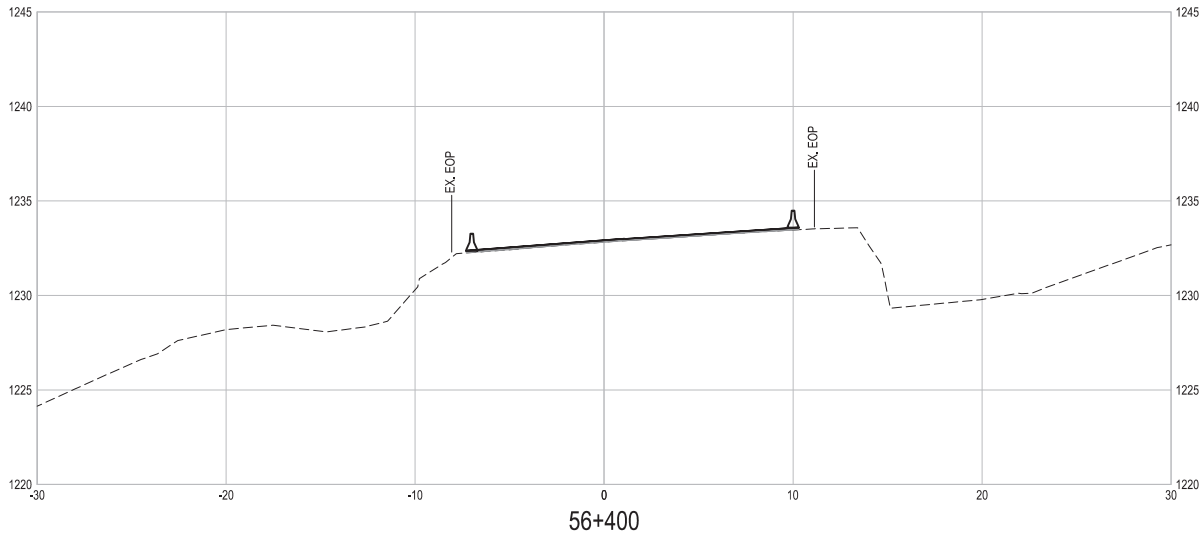
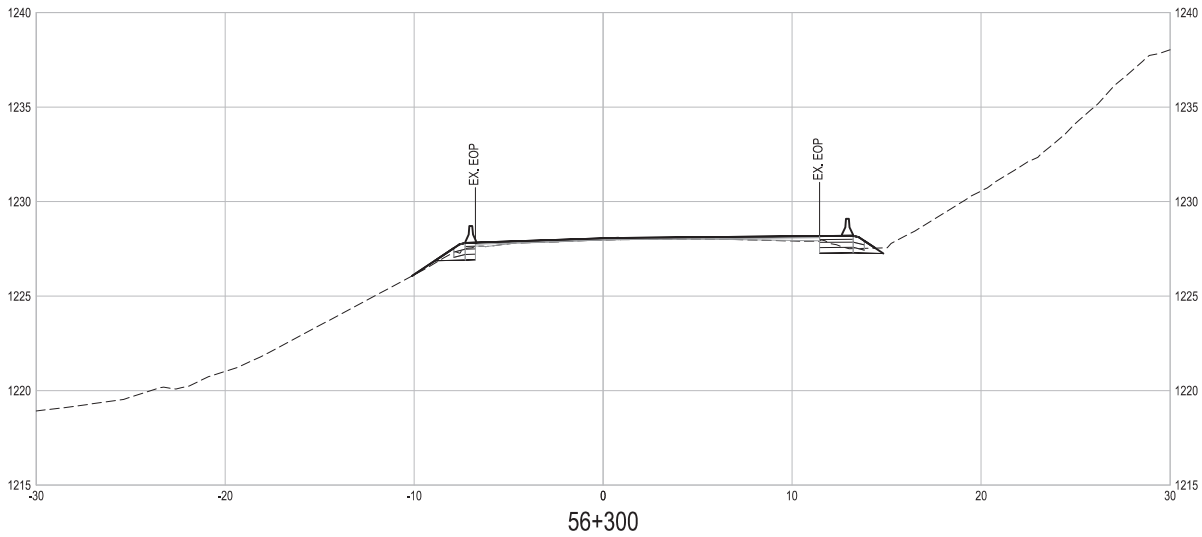
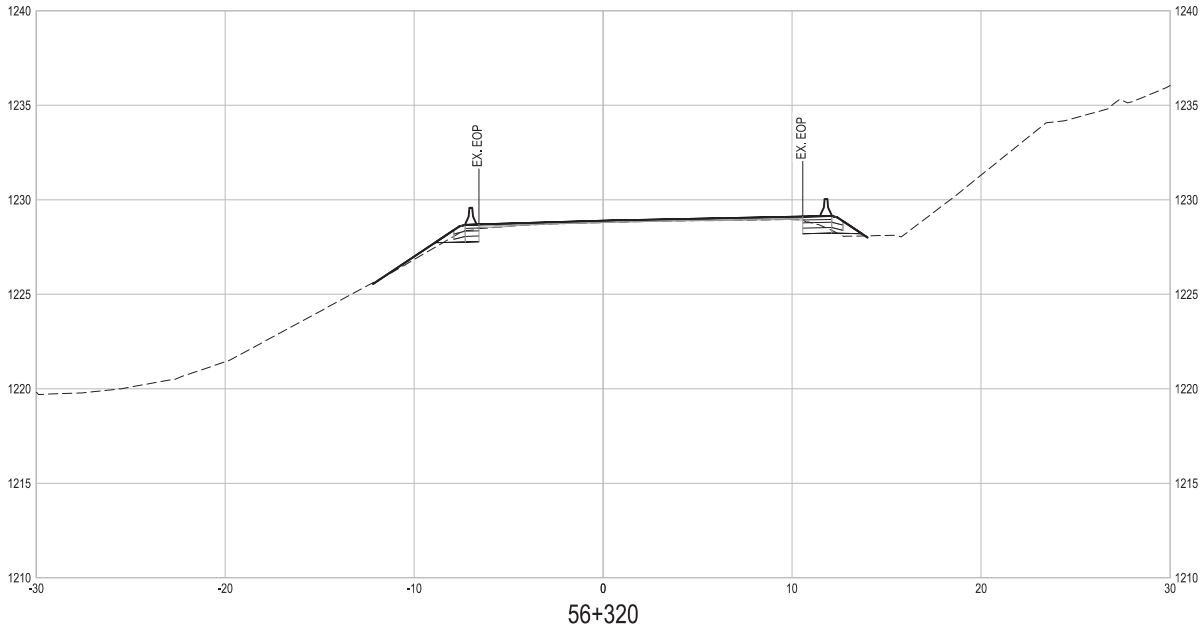
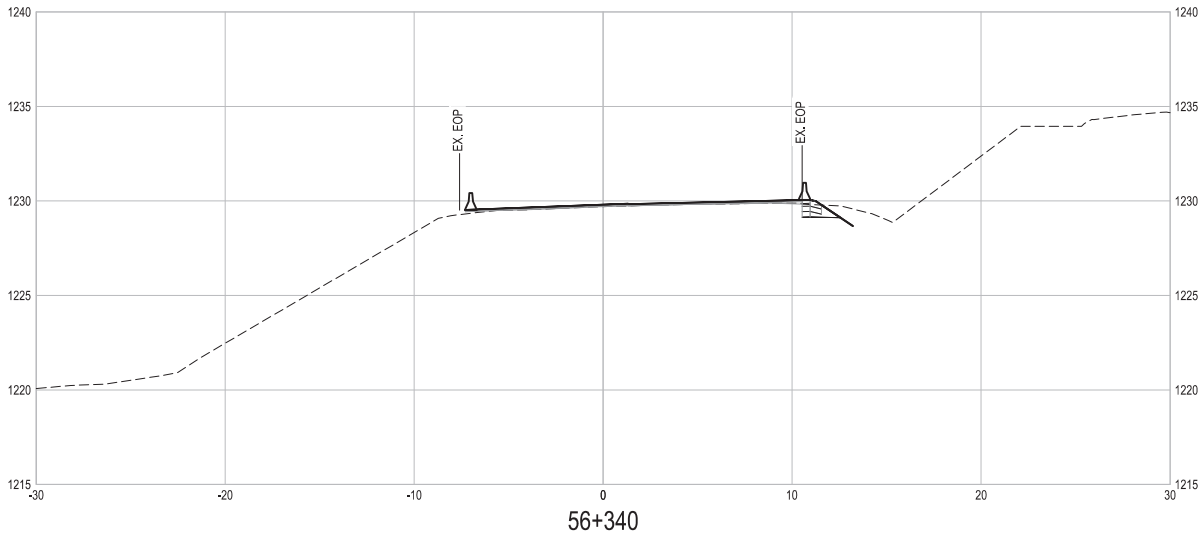
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du-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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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

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	
	

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	

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

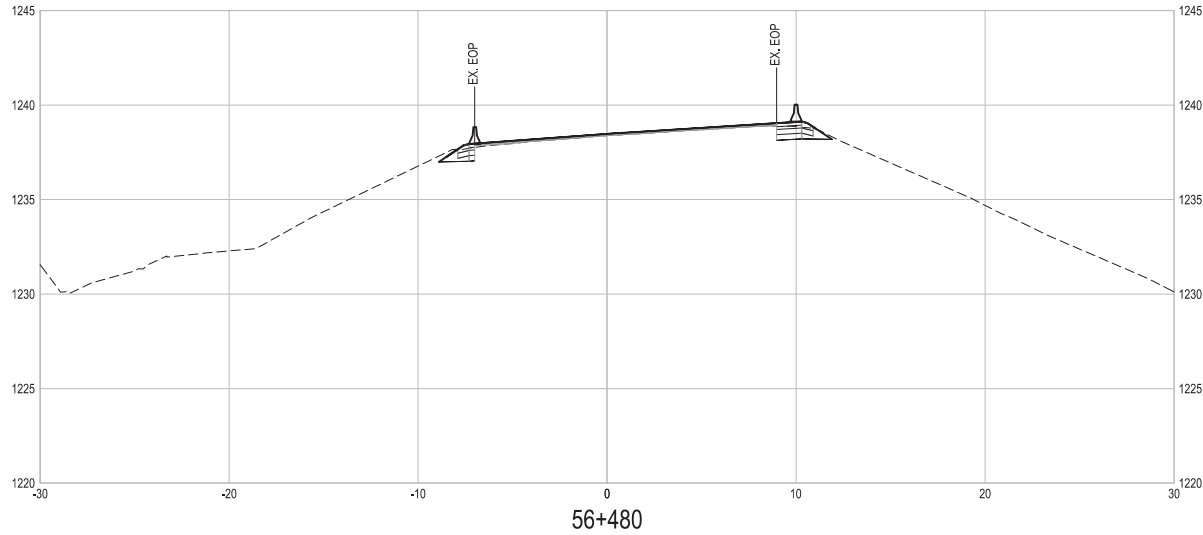
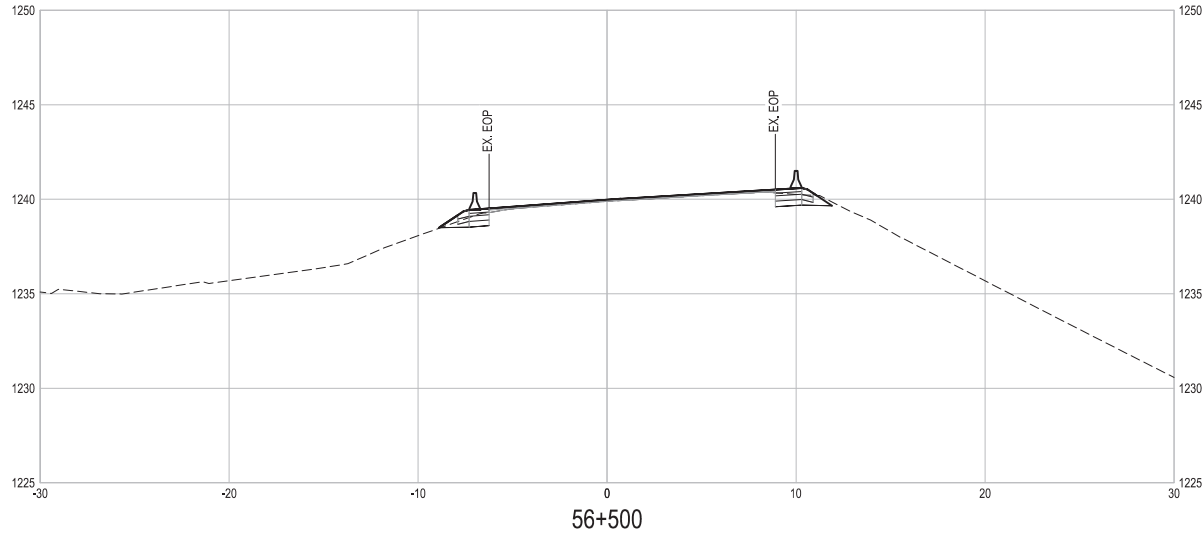
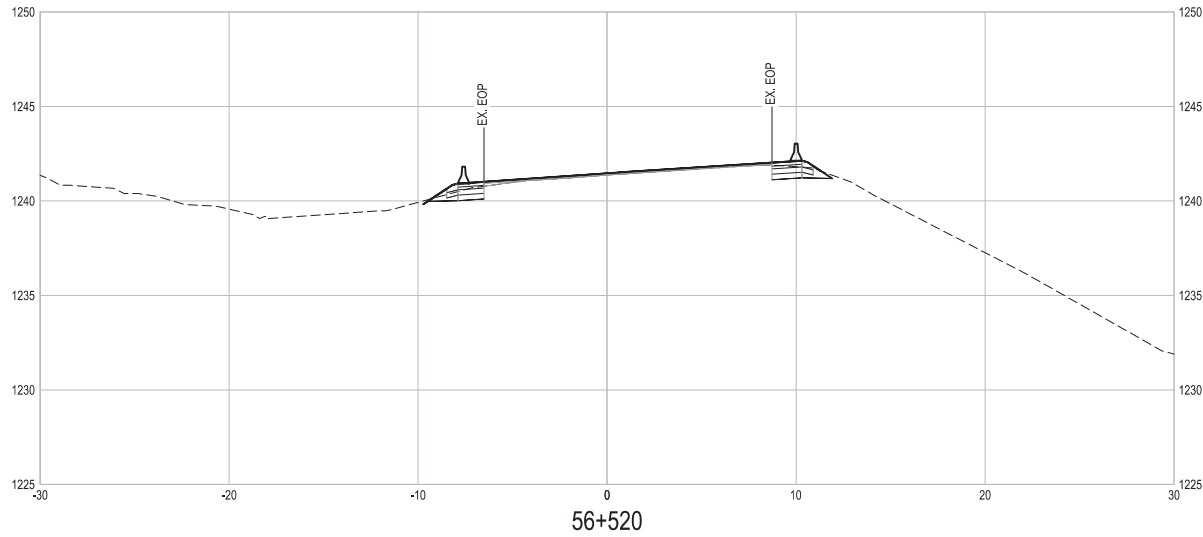
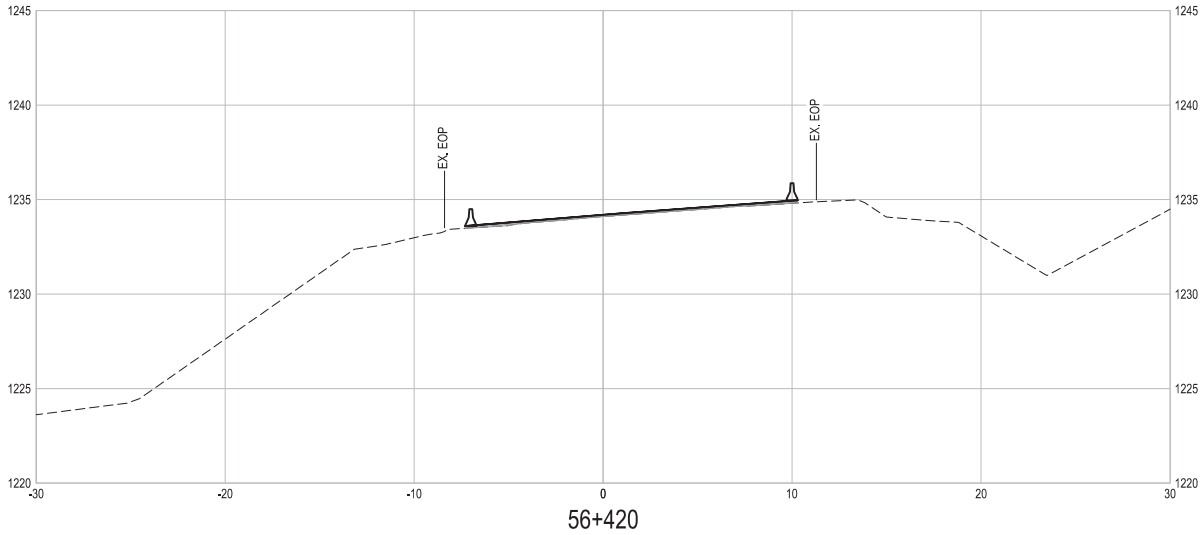
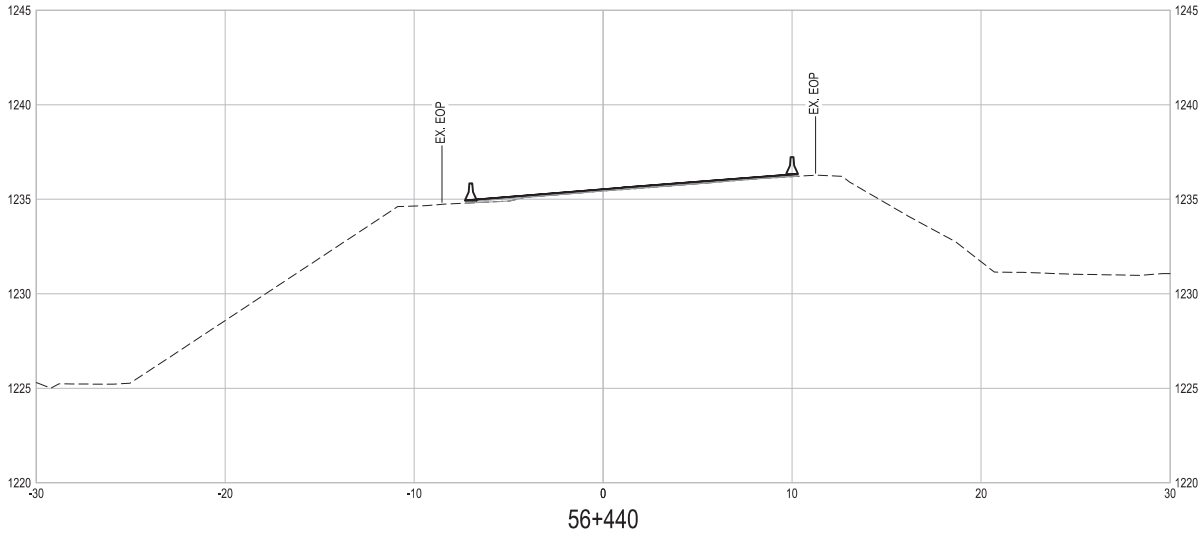
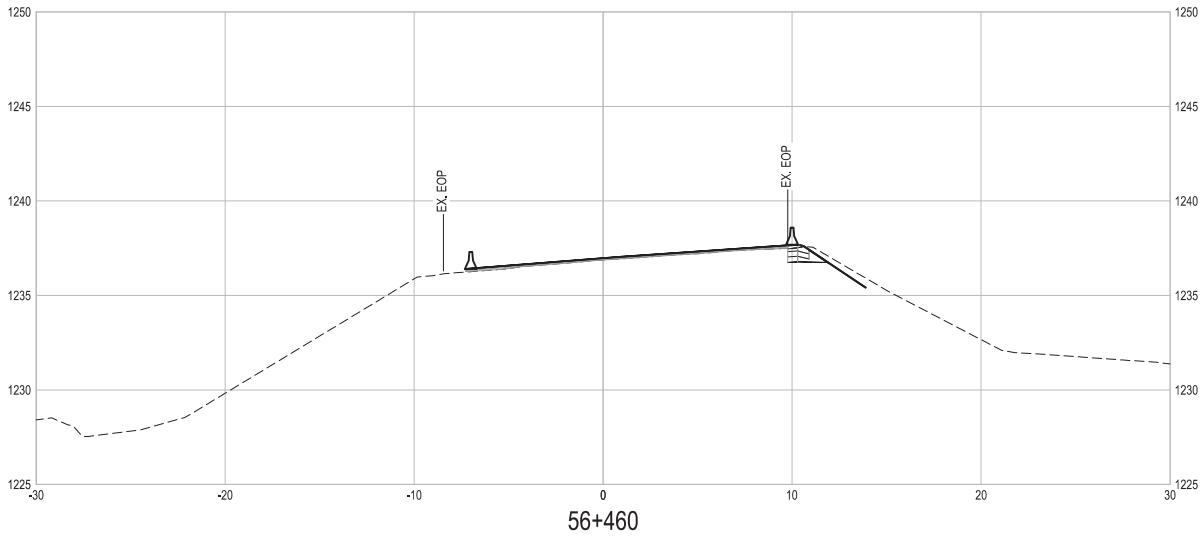
Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parks Canada Responsible Officer/Agent Responsable Parcs Canada

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	
2121-00202-00-C3	of 32

Plotted: April 14, 2016, 10:01:25
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

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

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
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Drawing title/Titre du dessin	CROSS SECTIONS CLIMBING LANE STA 56+420 - 56+520
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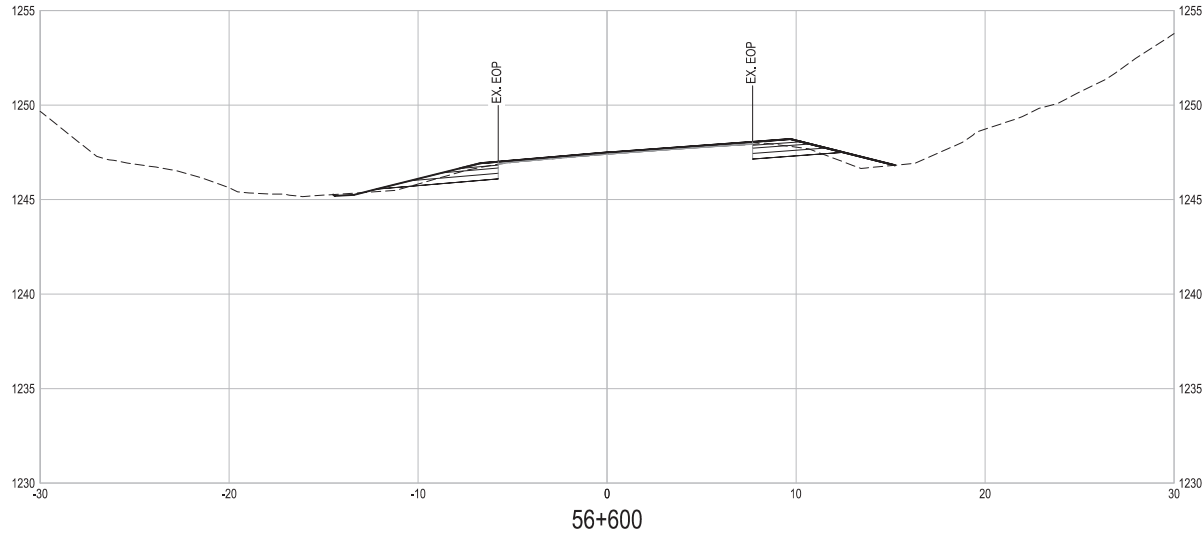
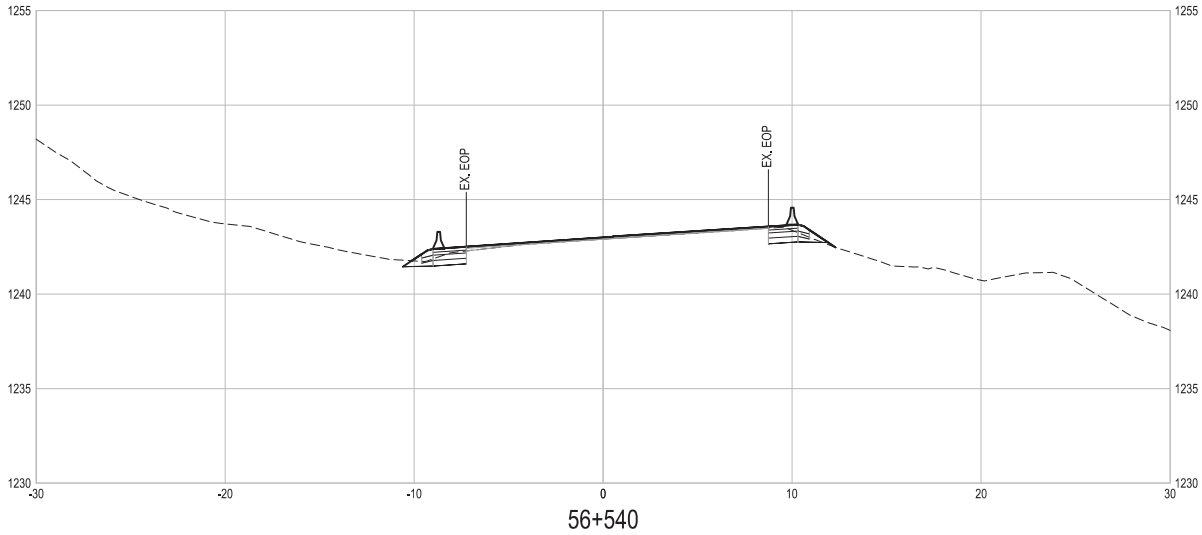
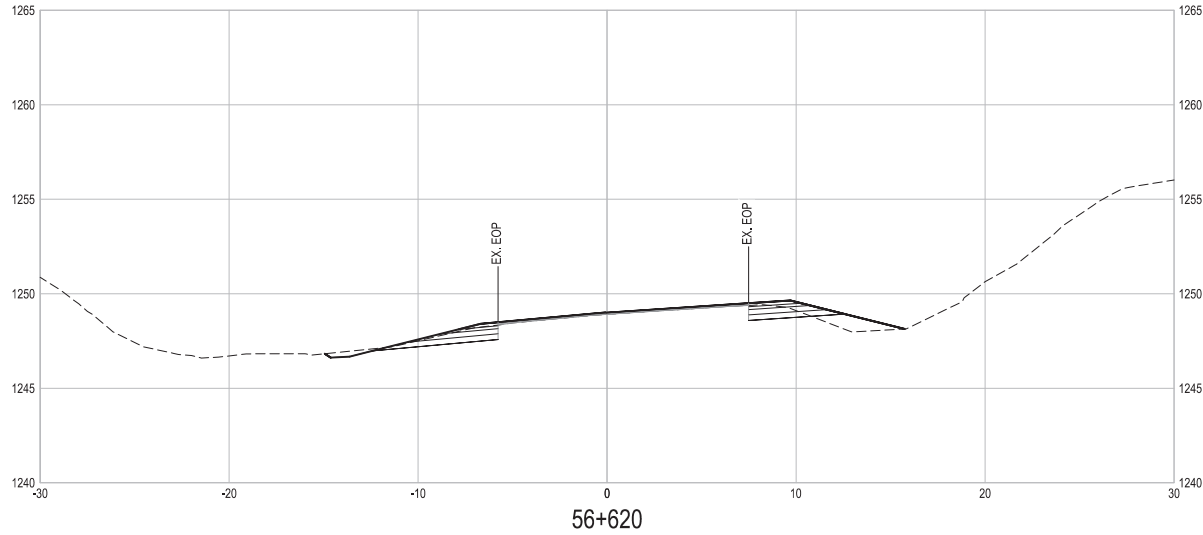
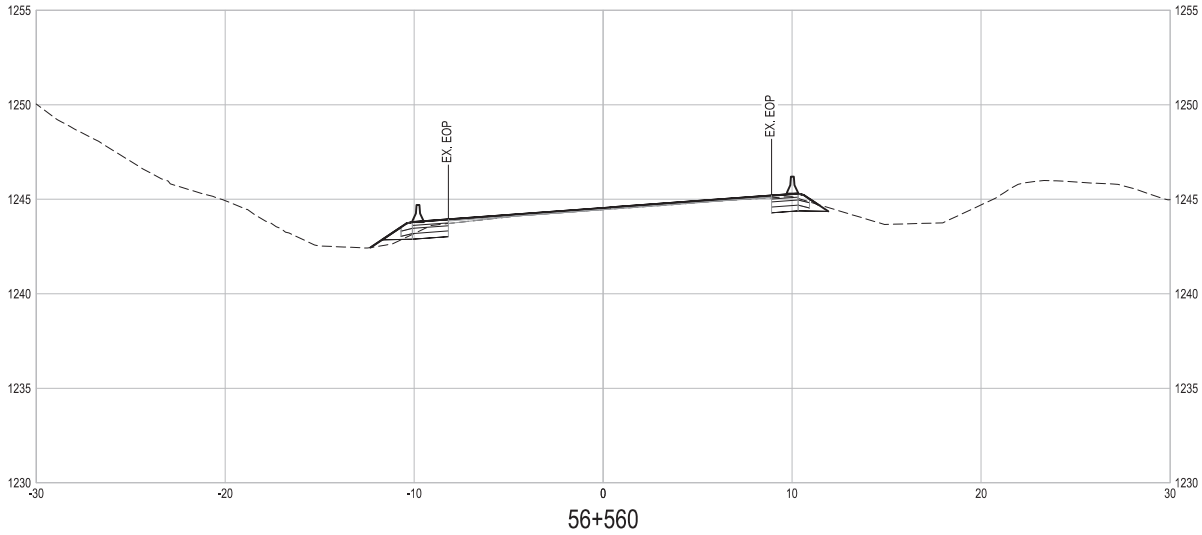
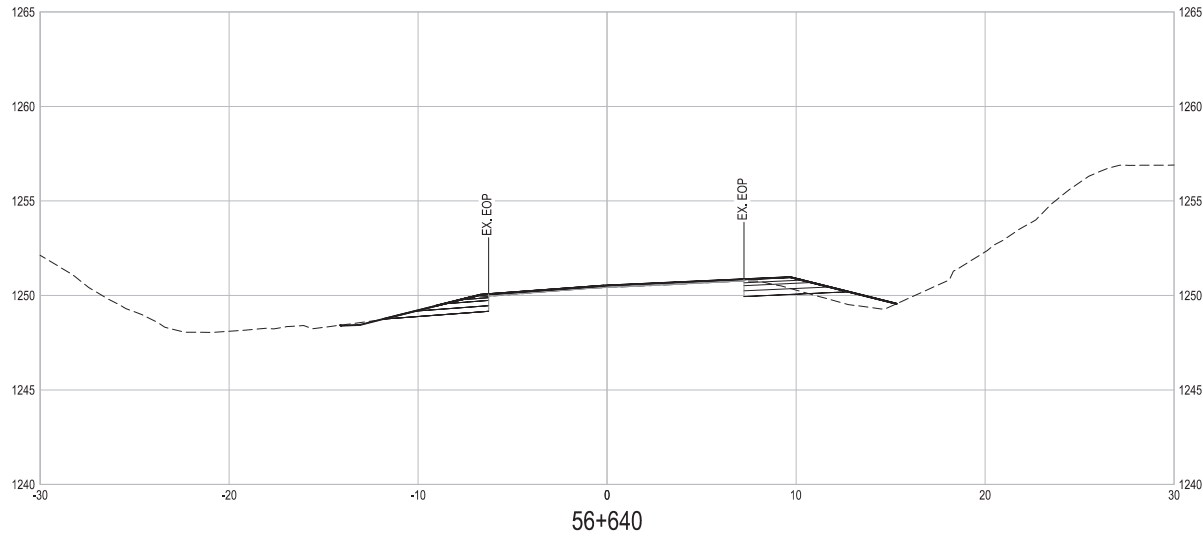
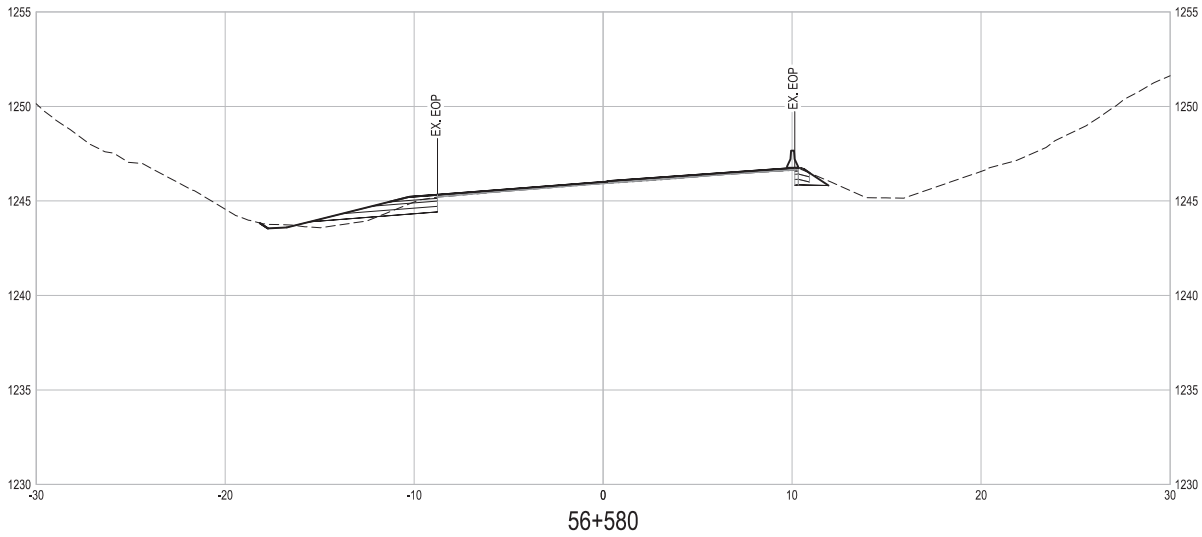
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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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
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201536A		XS06
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg XS-07
April 14, 2016, 10:01:56
Plotted:



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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


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

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

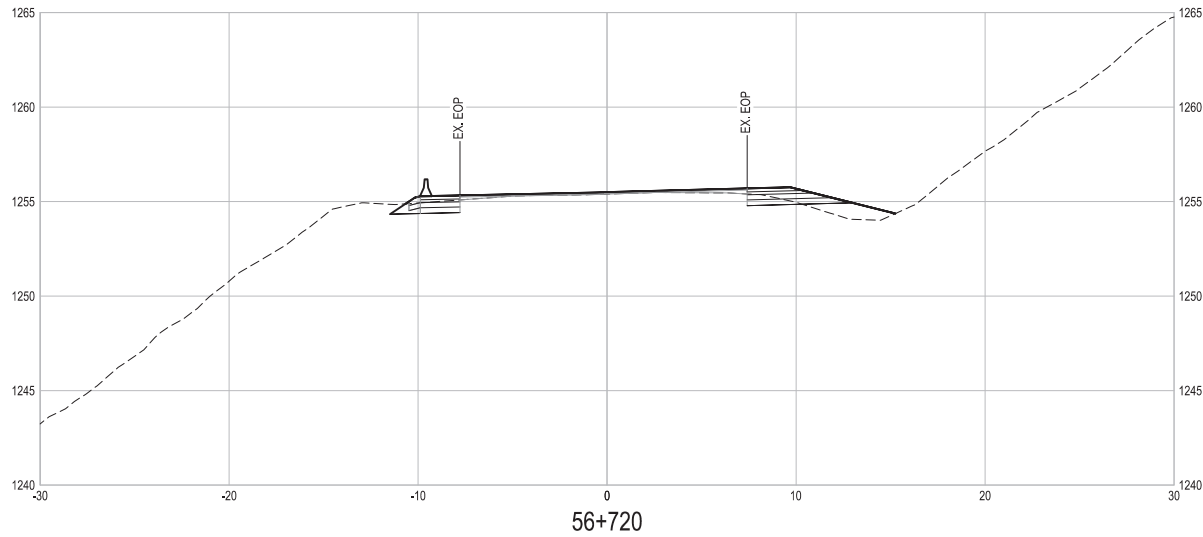
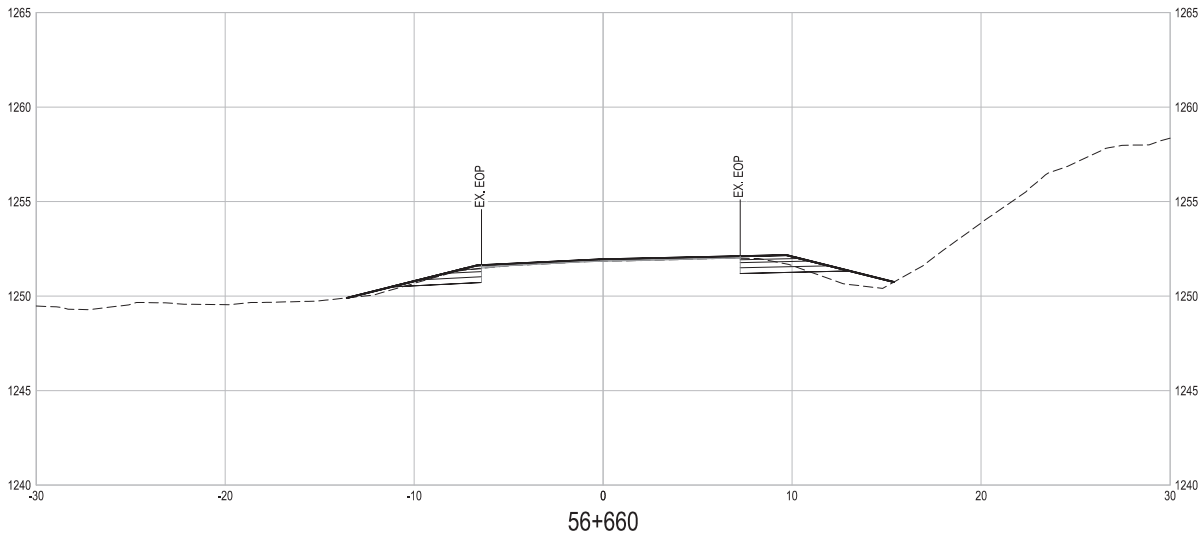
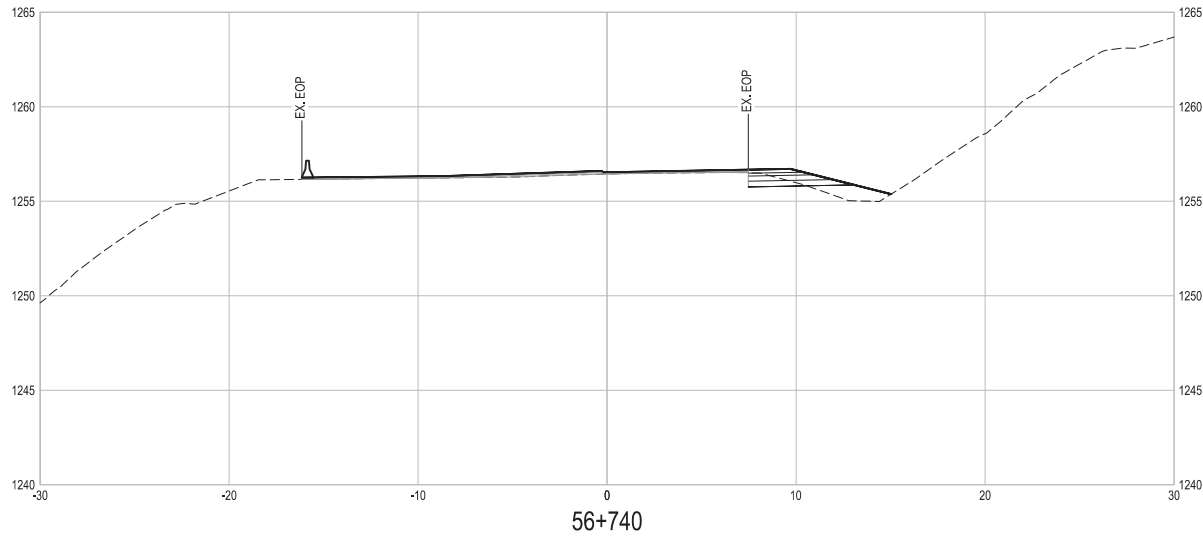
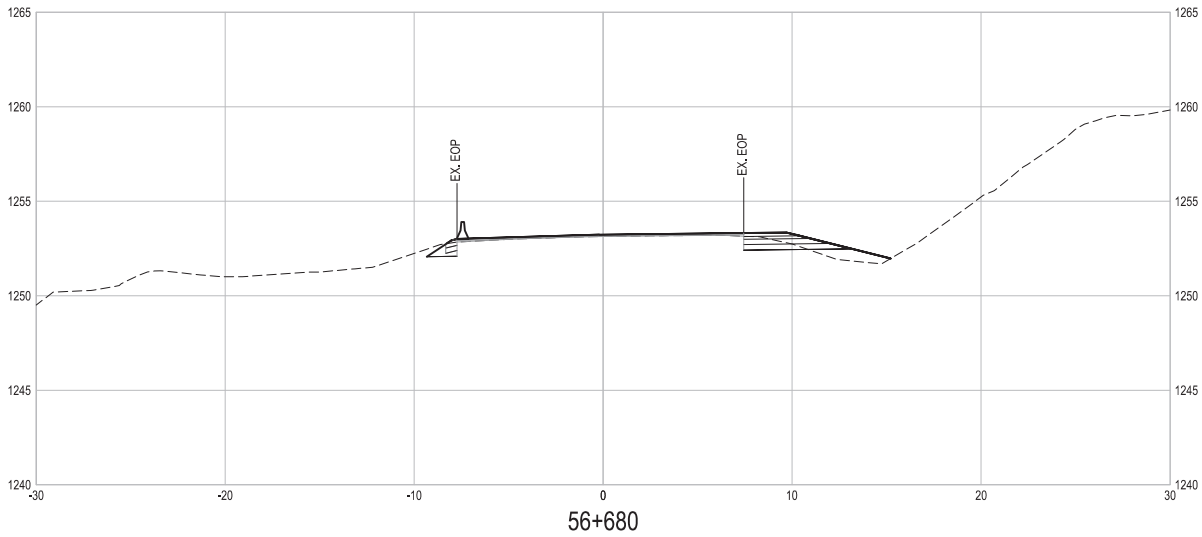
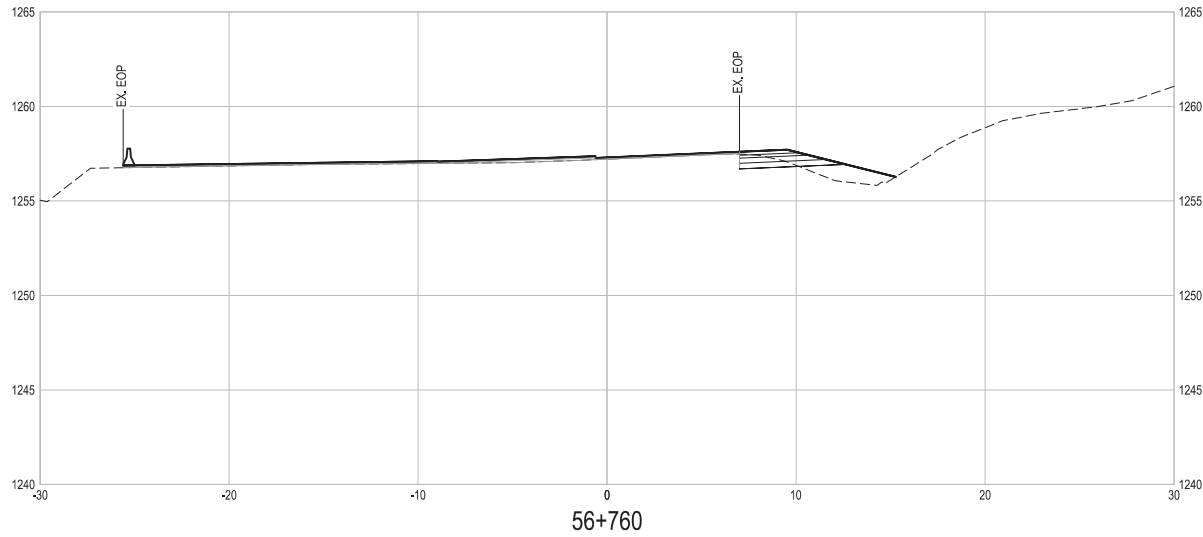
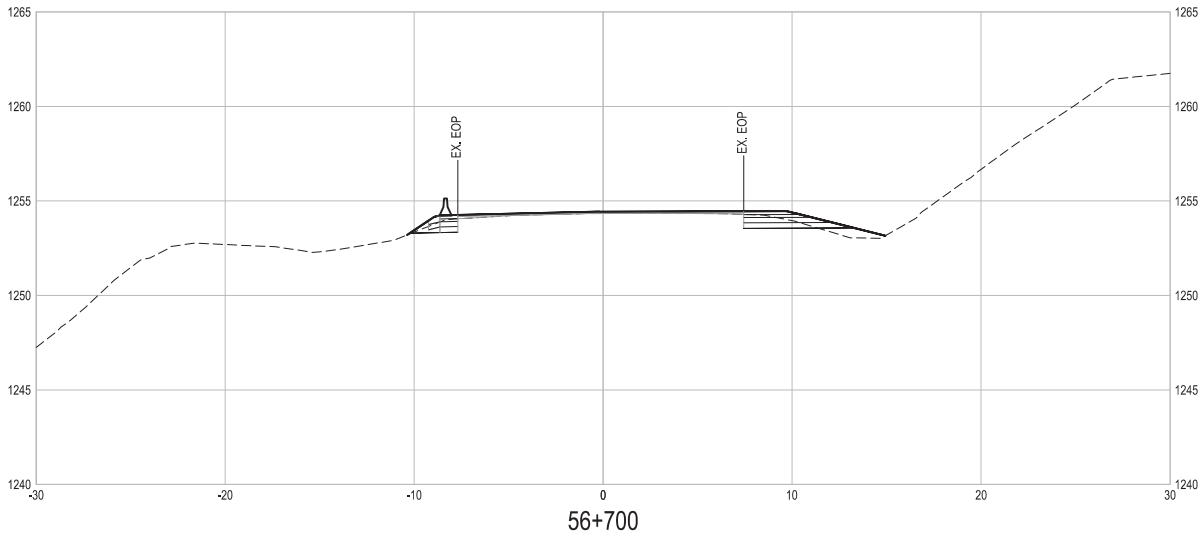
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS07
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:02:28
Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg\XS-08



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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

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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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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

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

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

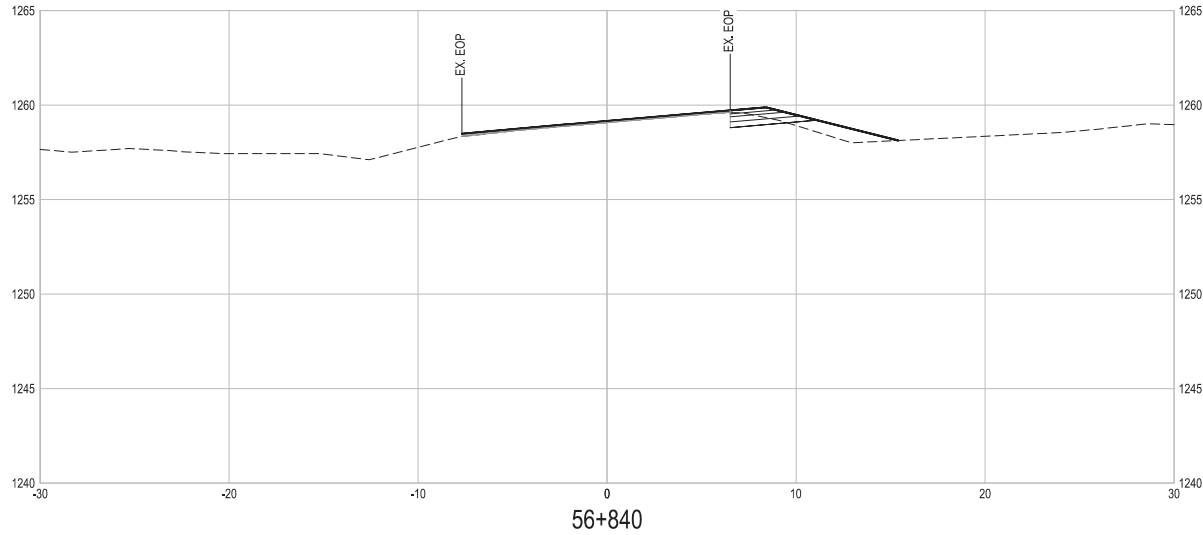
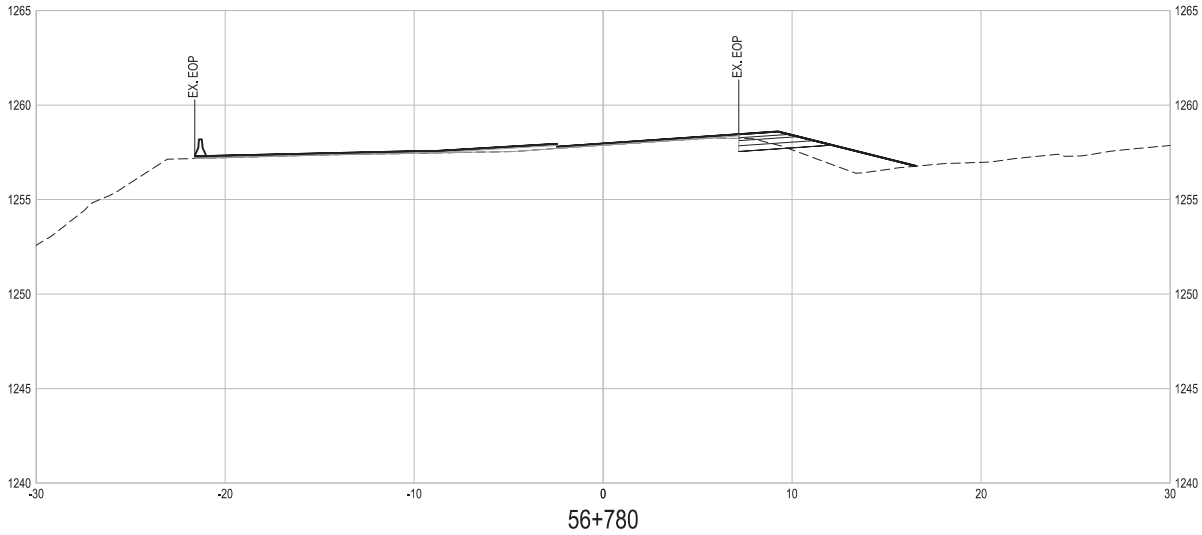
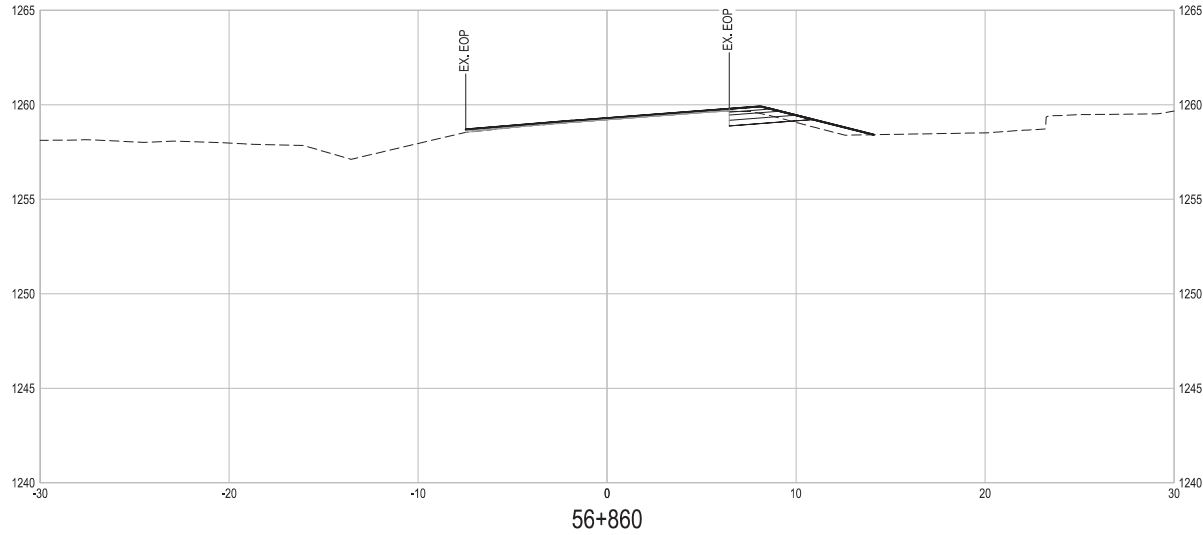
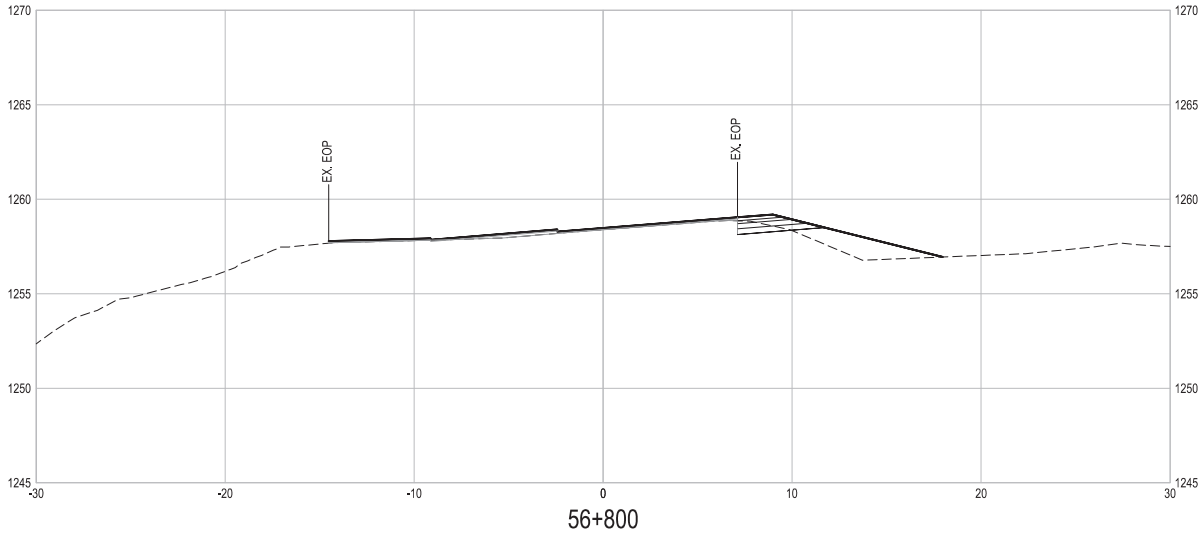
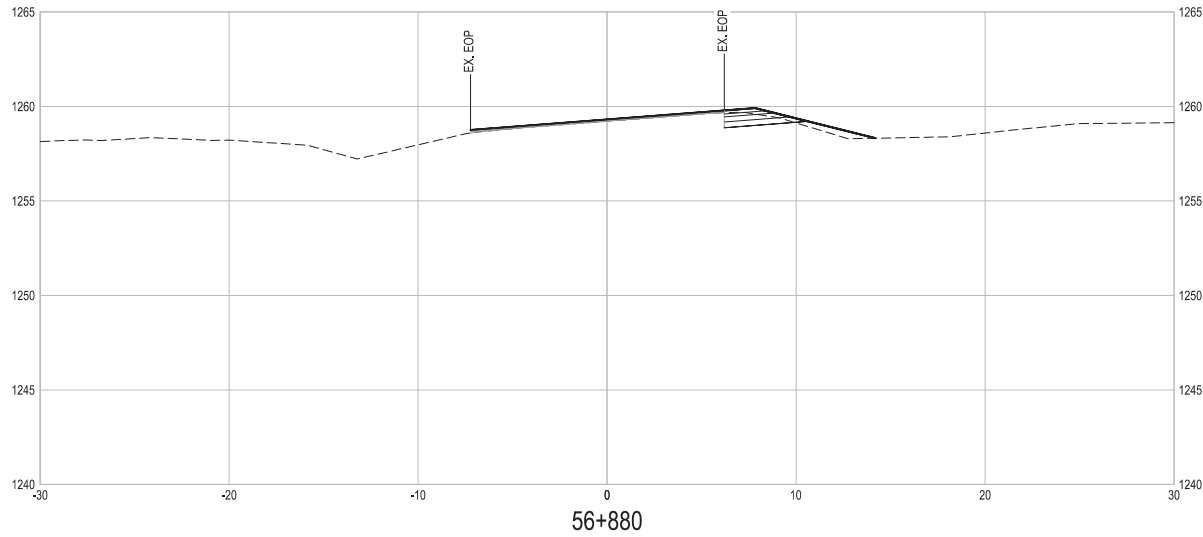
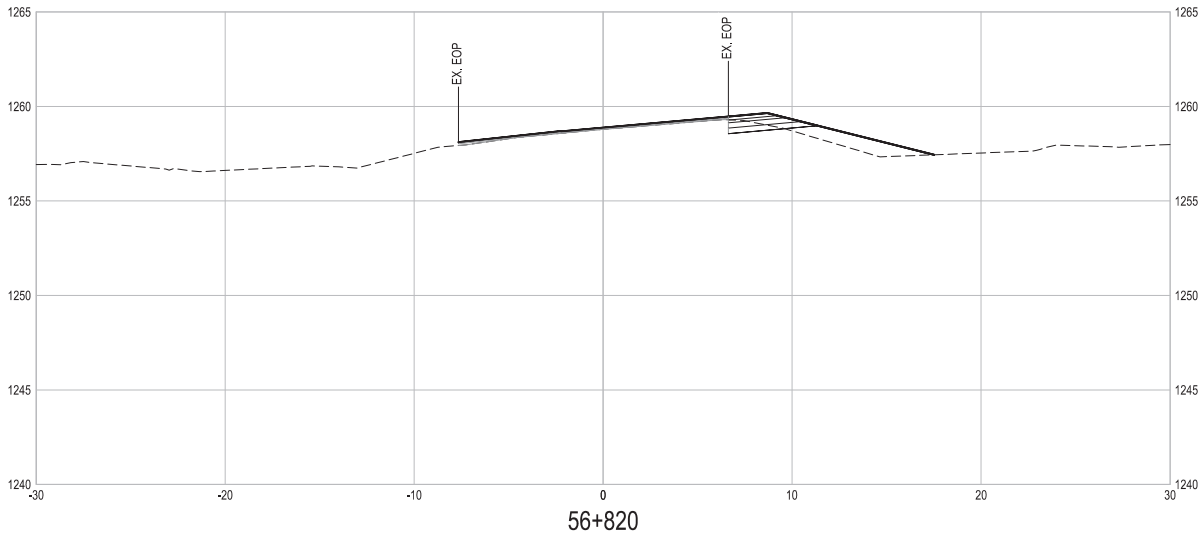
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS08
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Drawing Reference No./No. de référence du dessin 2121-00202-00-C3	of 32
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Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg;XS-09
Plotted: April 14, 2016, 10:02:56



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

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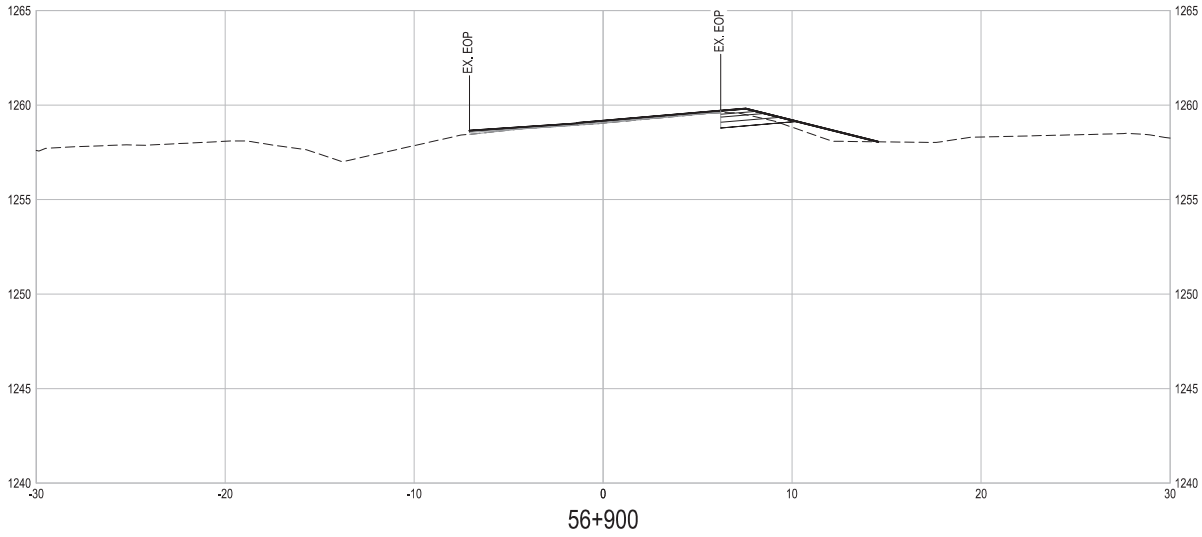
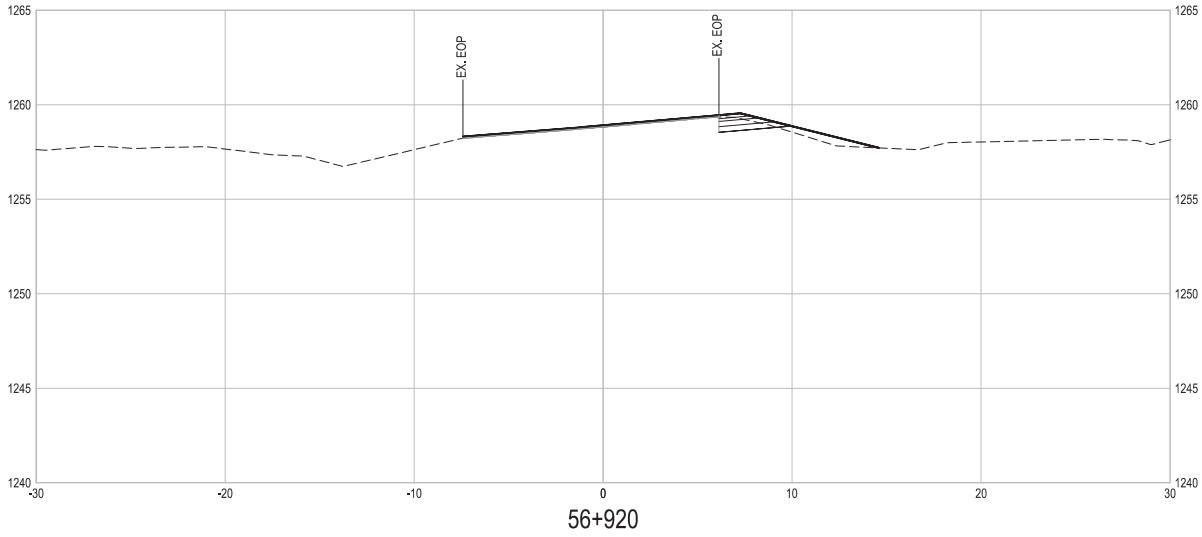
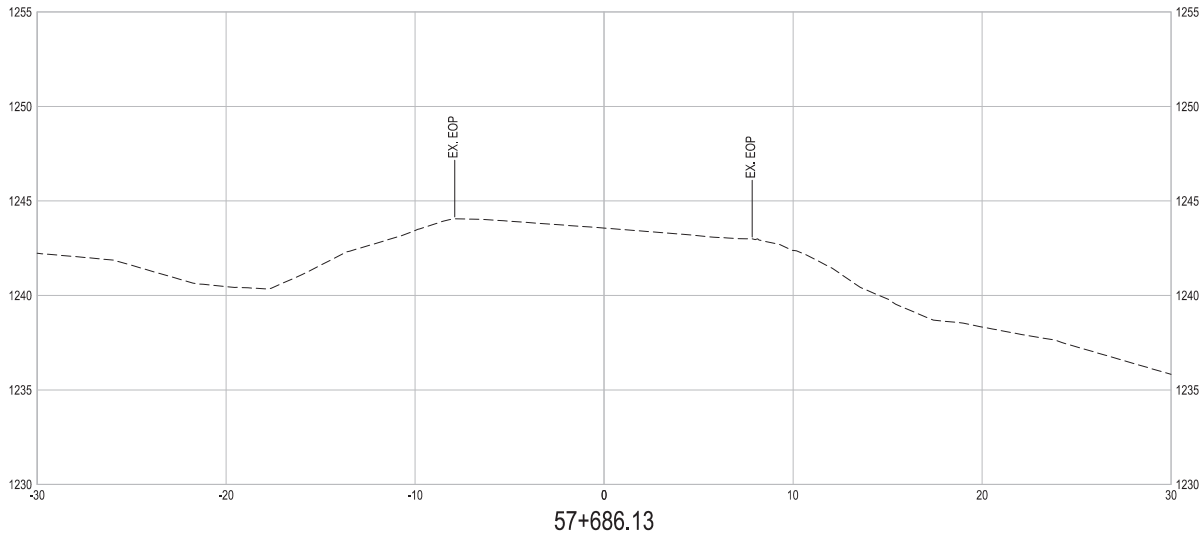
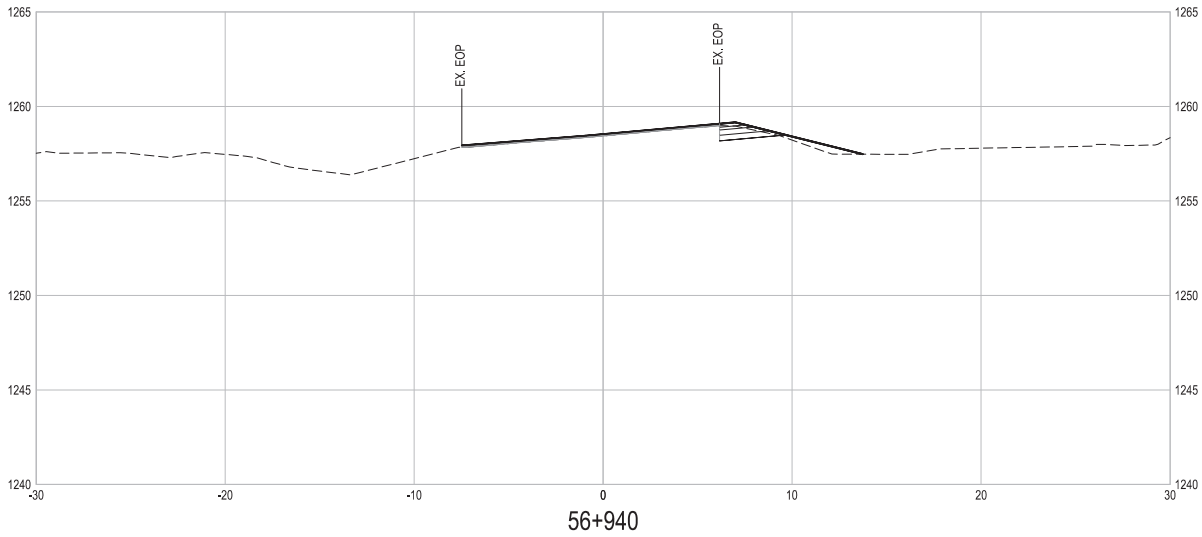
Client/client	
	Parks Canada Agency Western and Northern Region
	L'Agence Parcs Canada Ouest et Nord Région

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+780 - 56+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
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS09
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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
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Client/client	
 Parks Canada Agency Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région

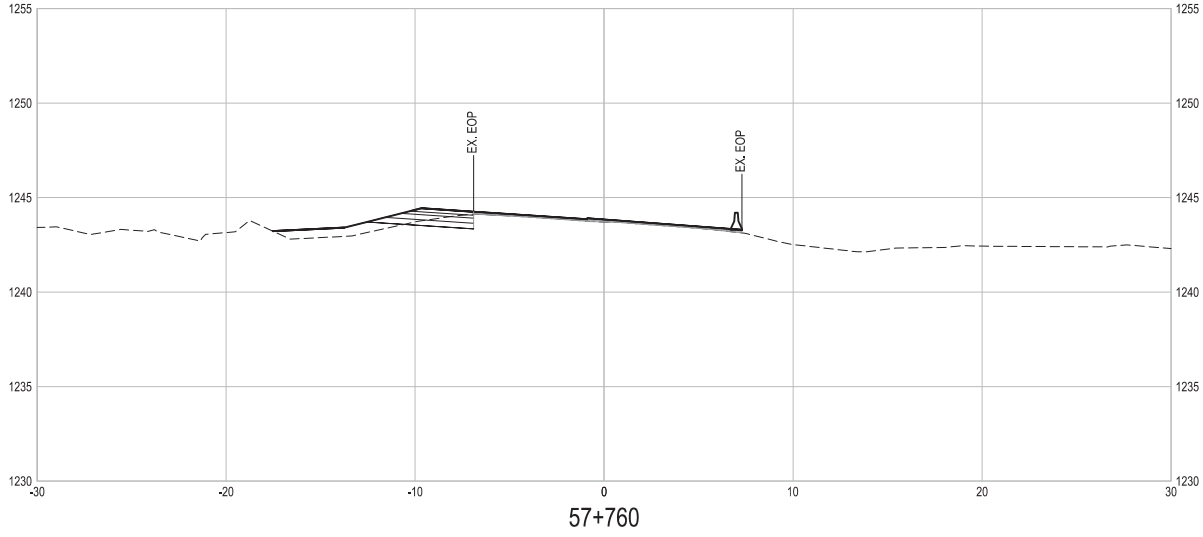
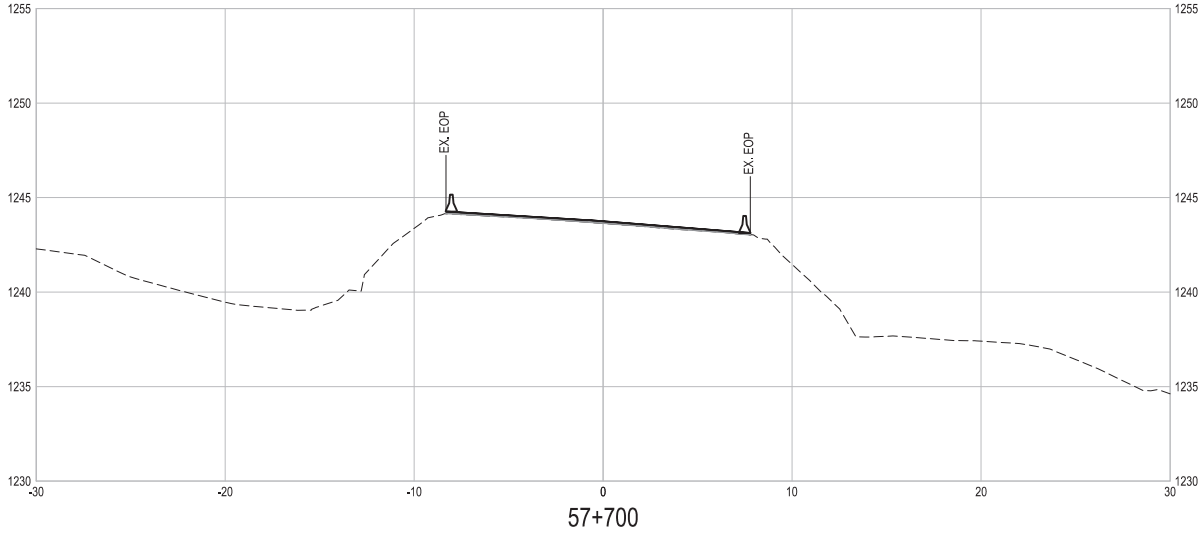
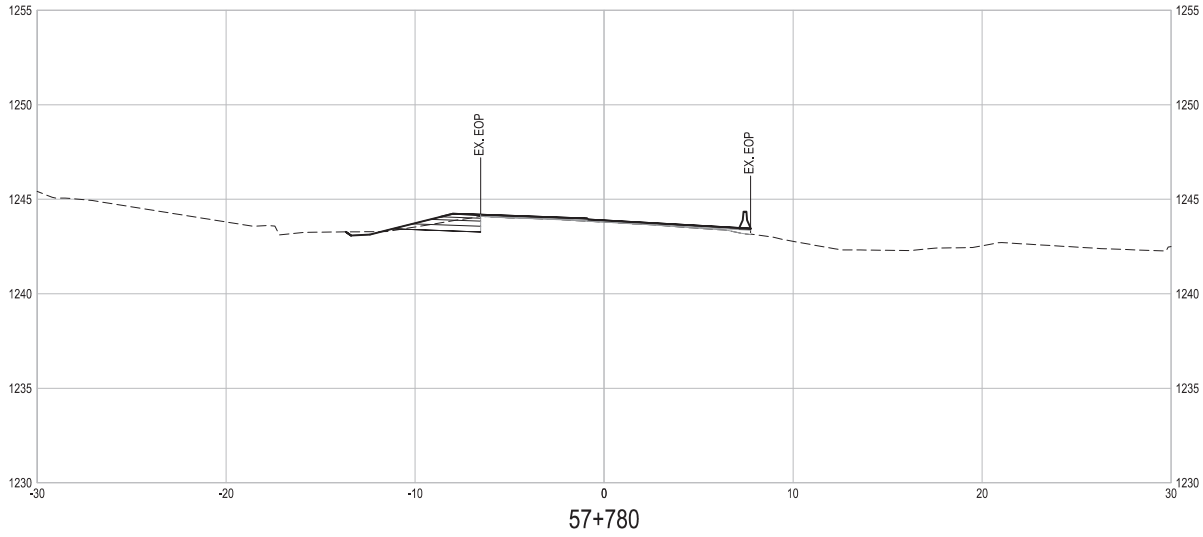
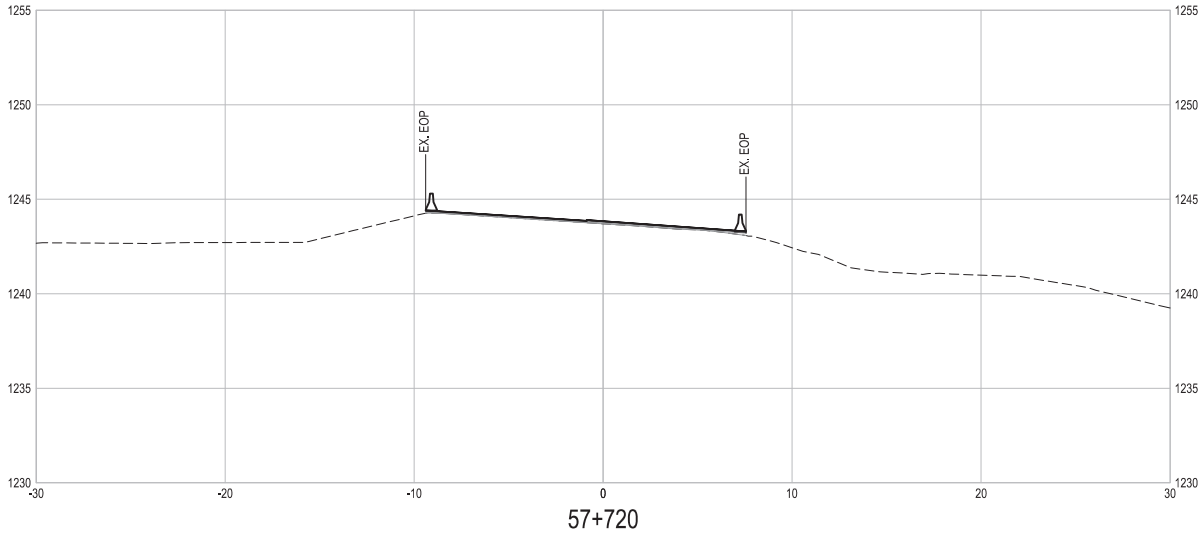
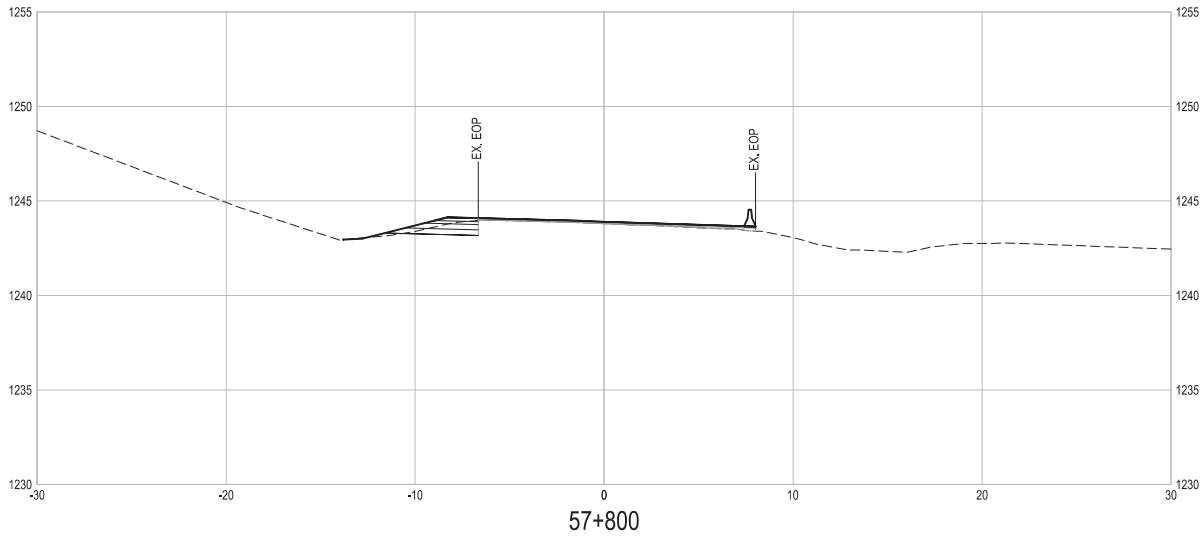
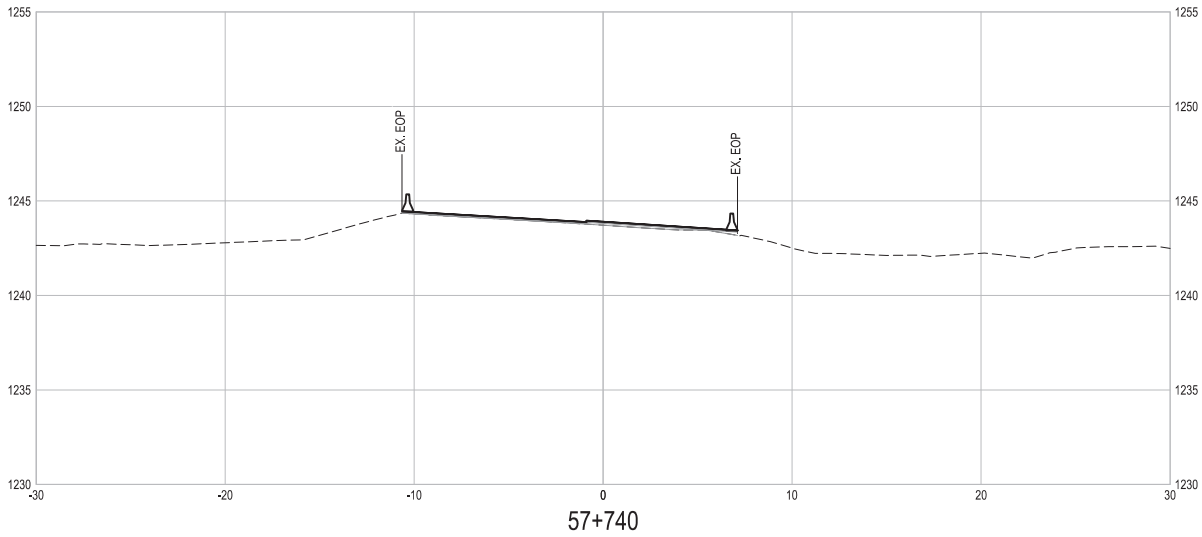
Consultant's Name Nom de l'expert-conseil


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+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	
Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS10
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg;XS-11
Plotted: April 14, 2016, 10:03:56



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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	
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<div><div>A</div><div>B</div><div>C</div></div>	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 57+700 - 57+800

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

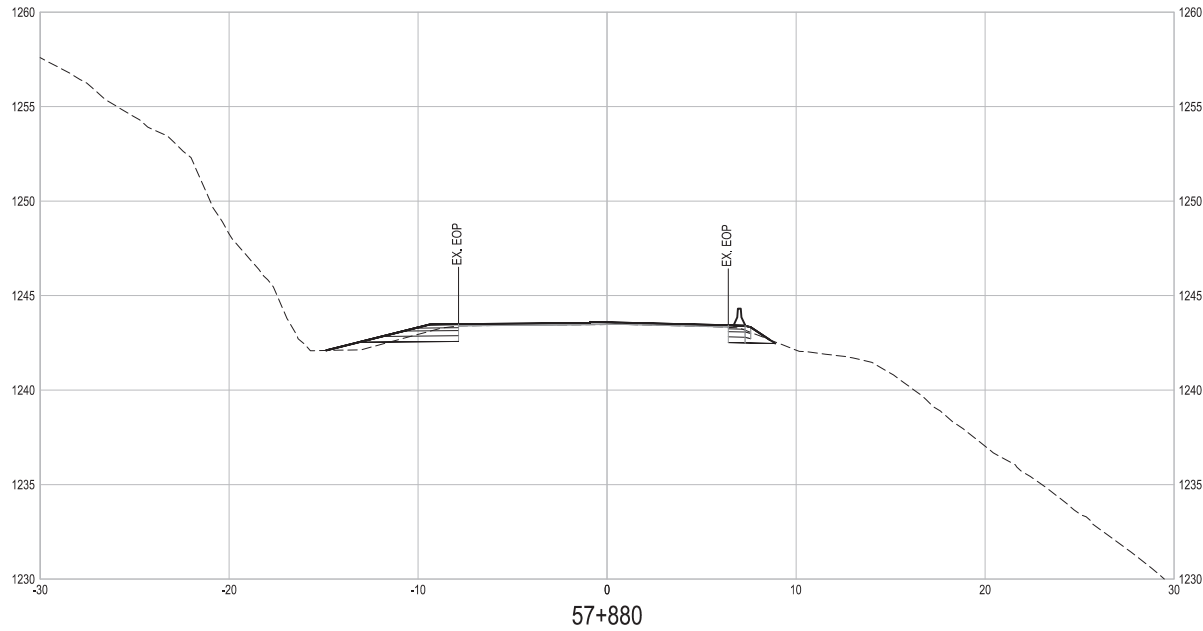
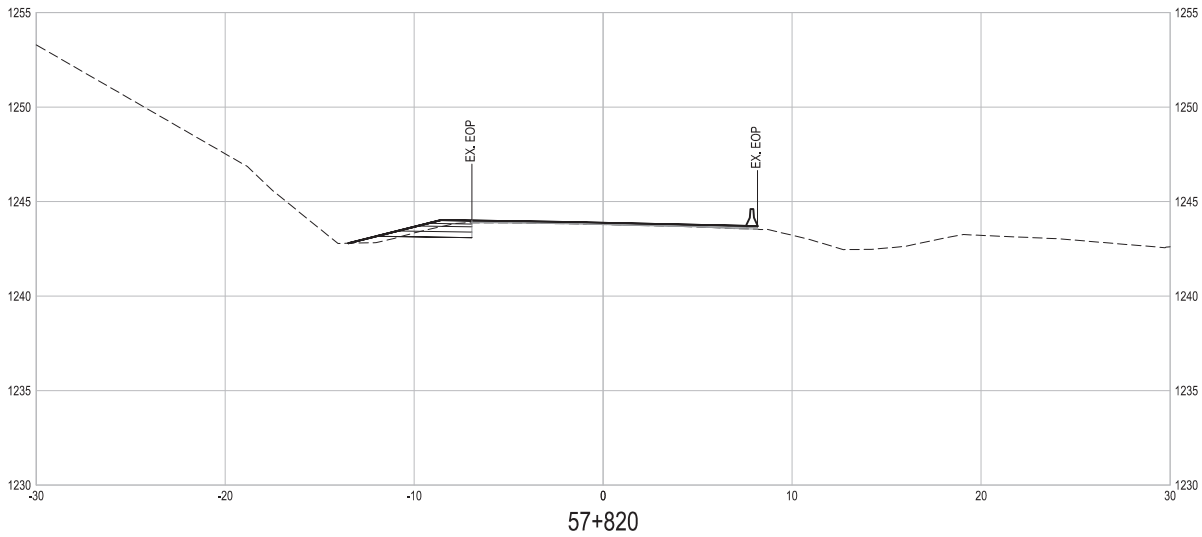
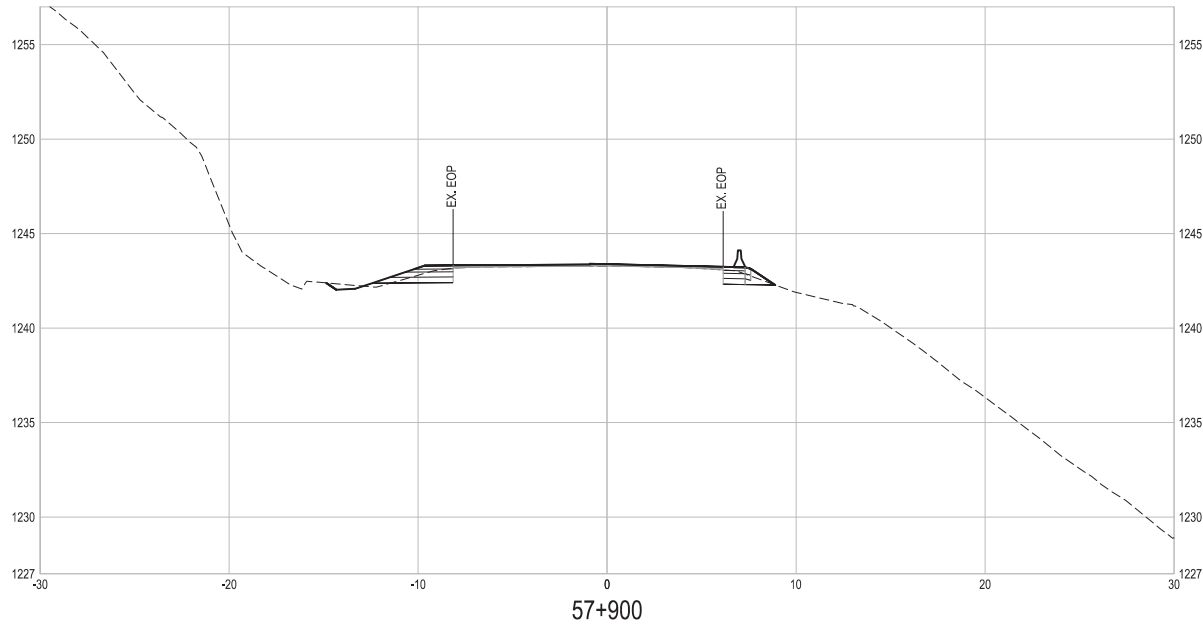
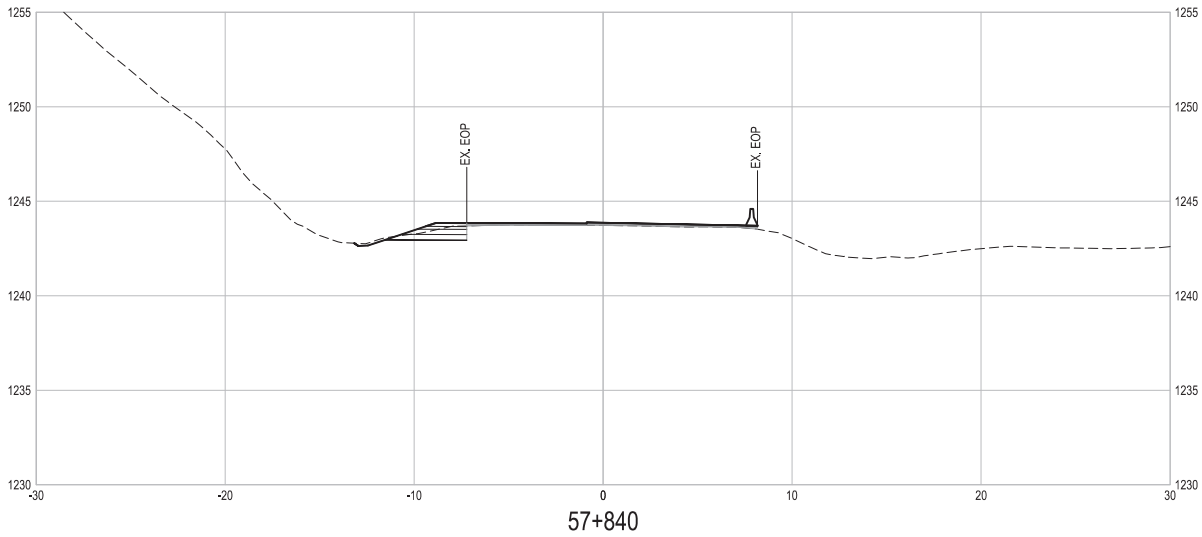
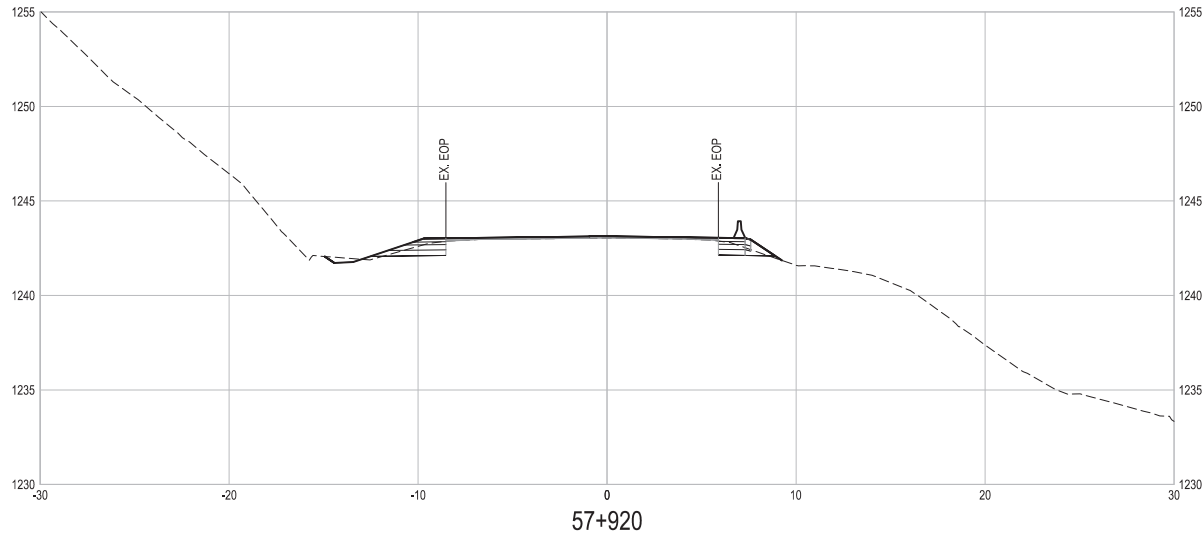
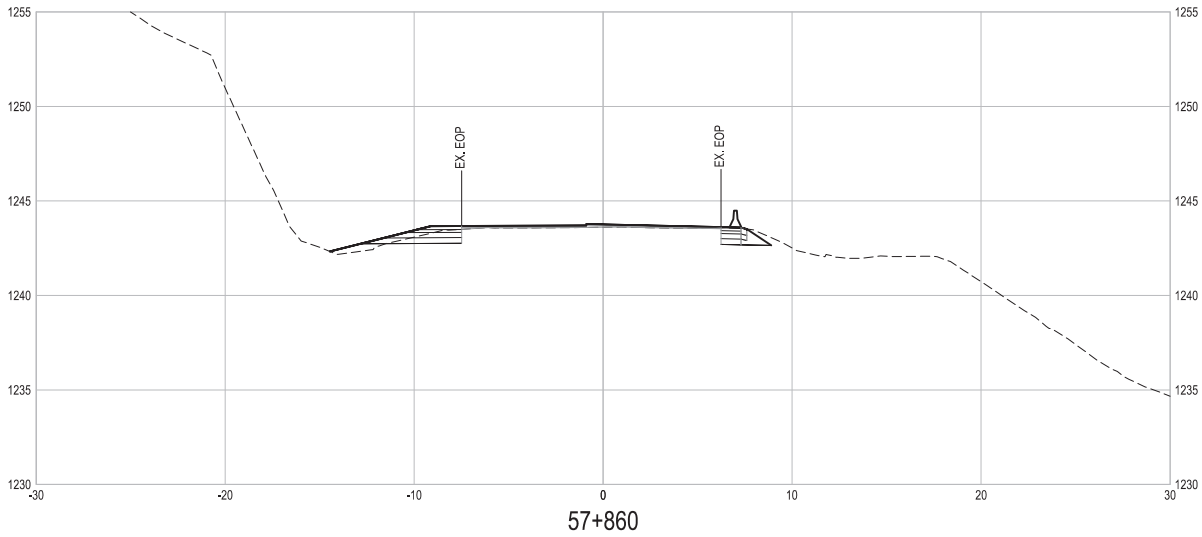
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS11 of 32
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		

Plotted: April 14, 2016, 10:04:25
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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 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	
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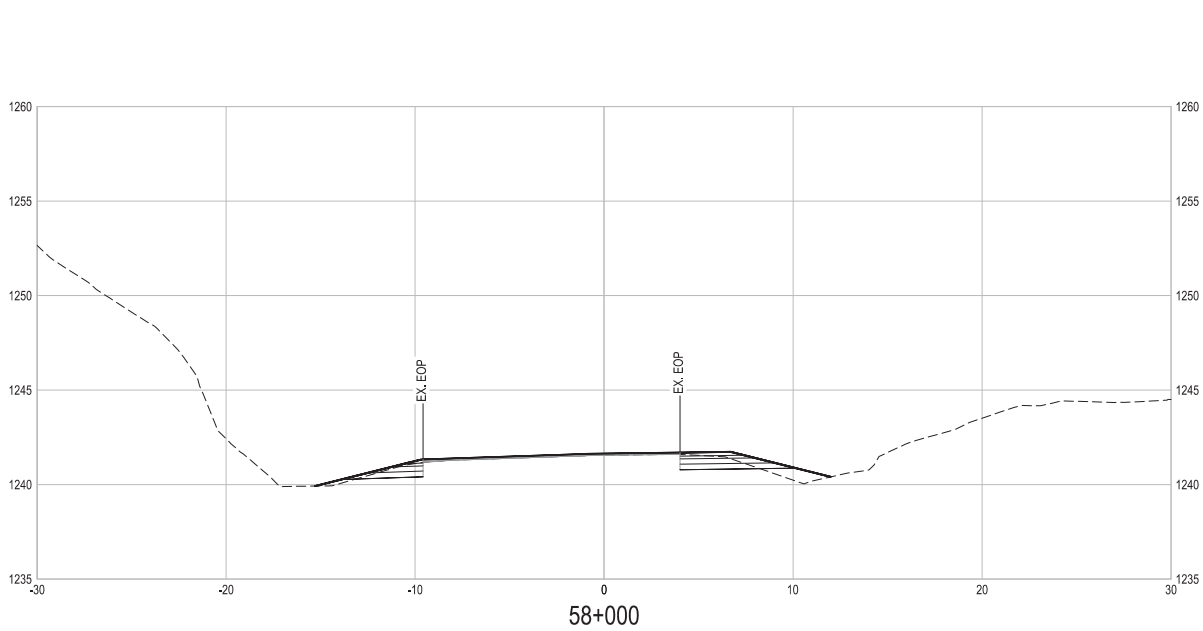
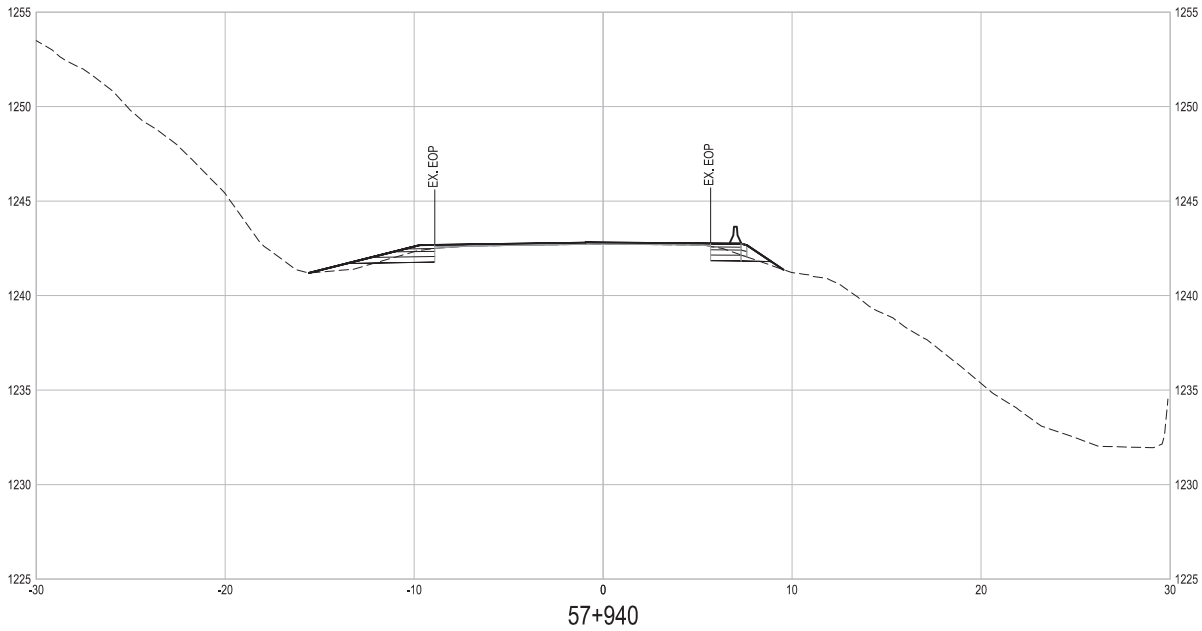
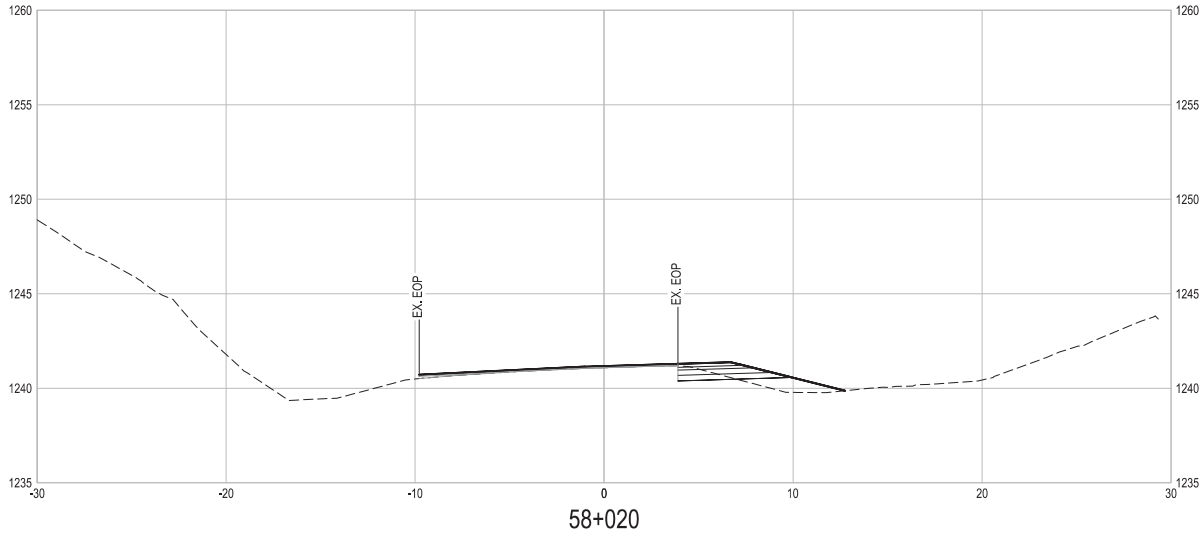
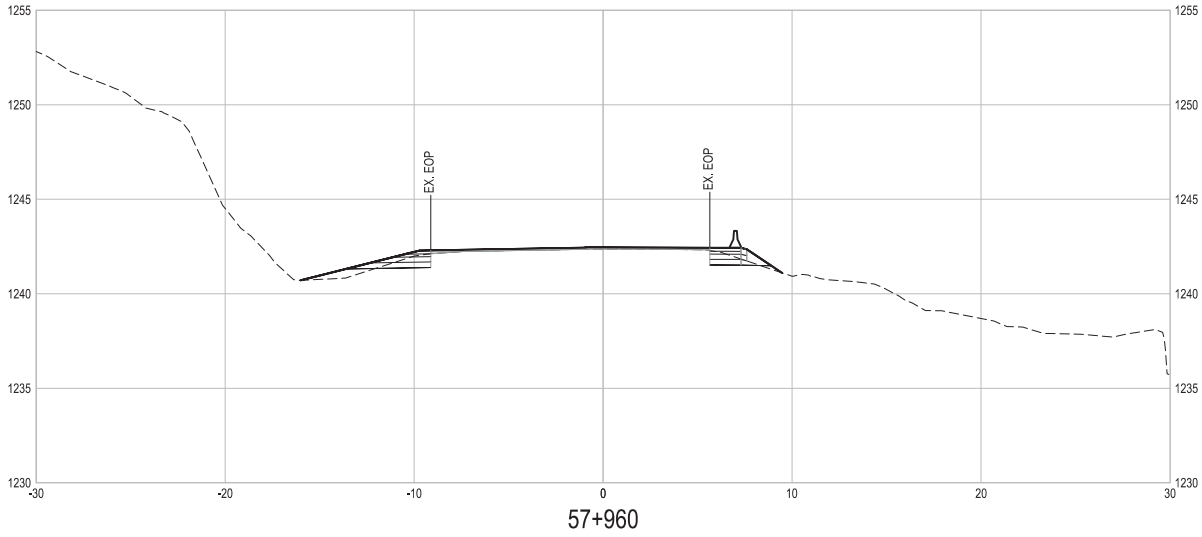
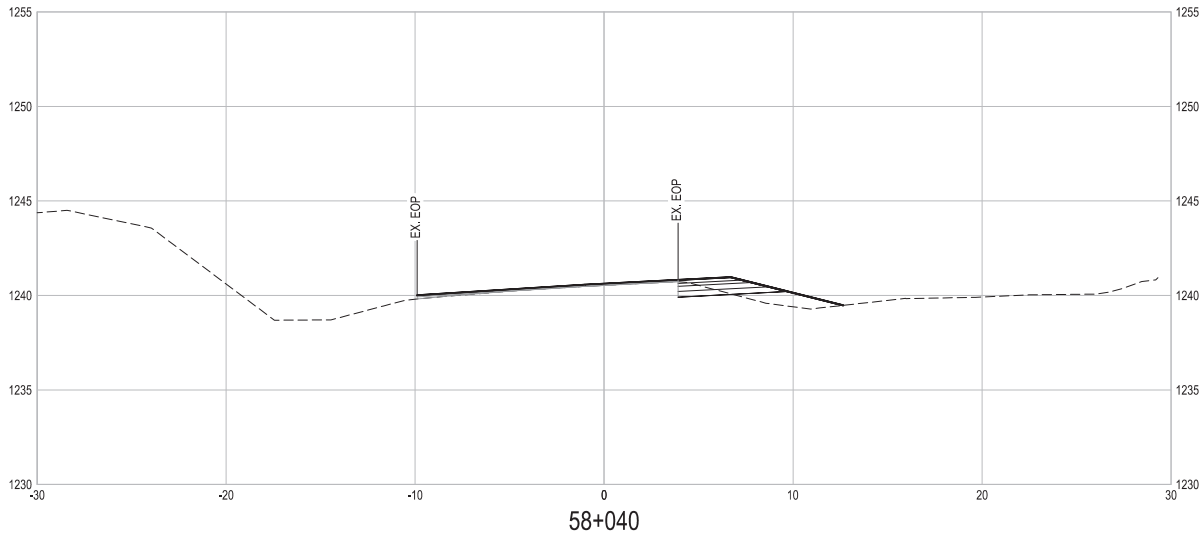
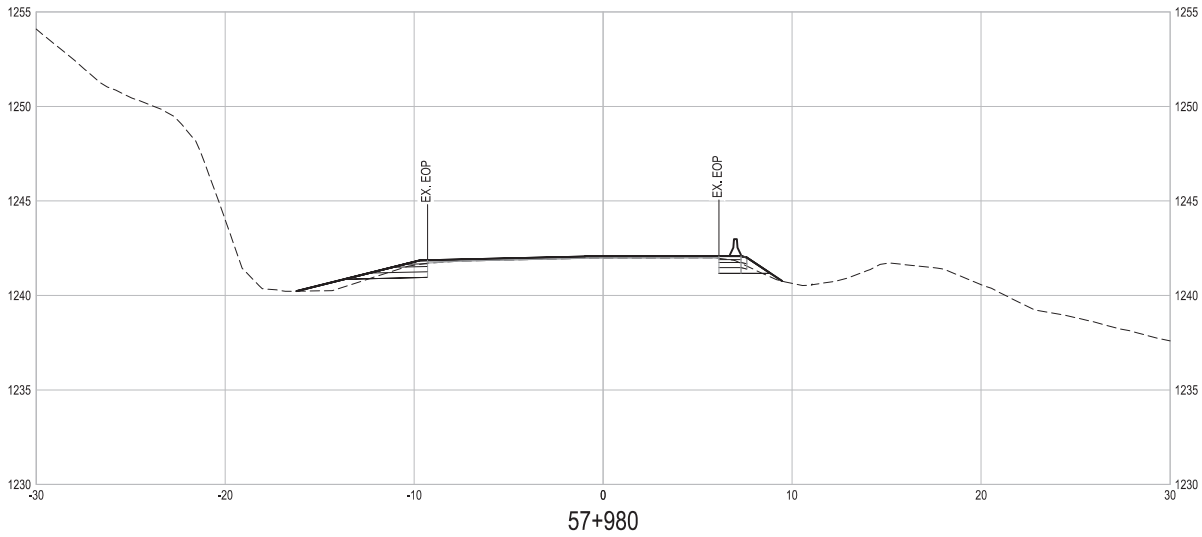
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS12

Drawing Reference No./No. de référence du dessin	of 32
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Plotted: April 14, 2016, 10:04:56
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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
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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


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

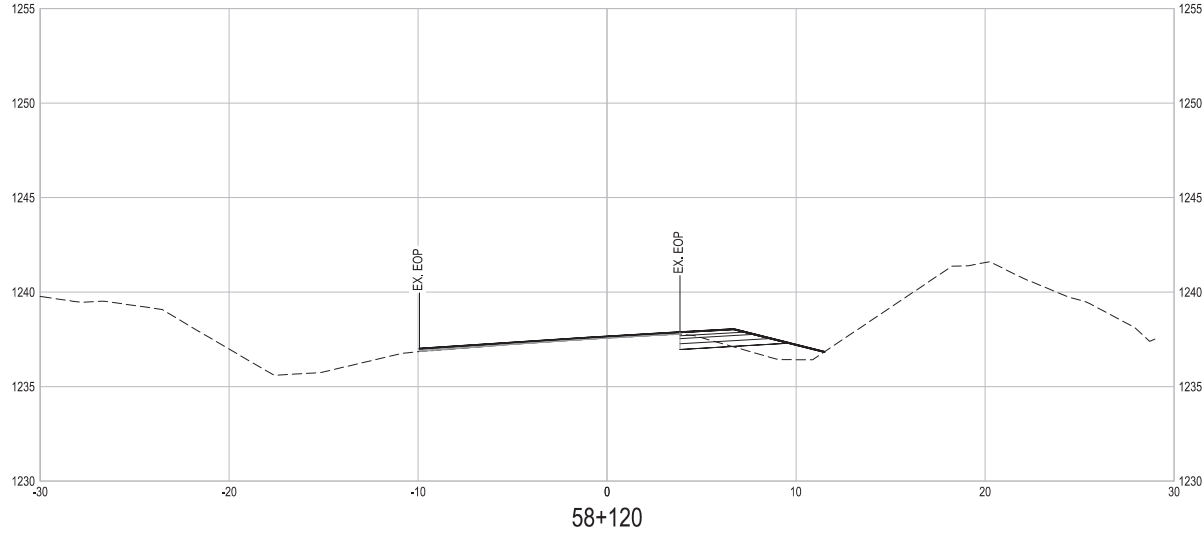
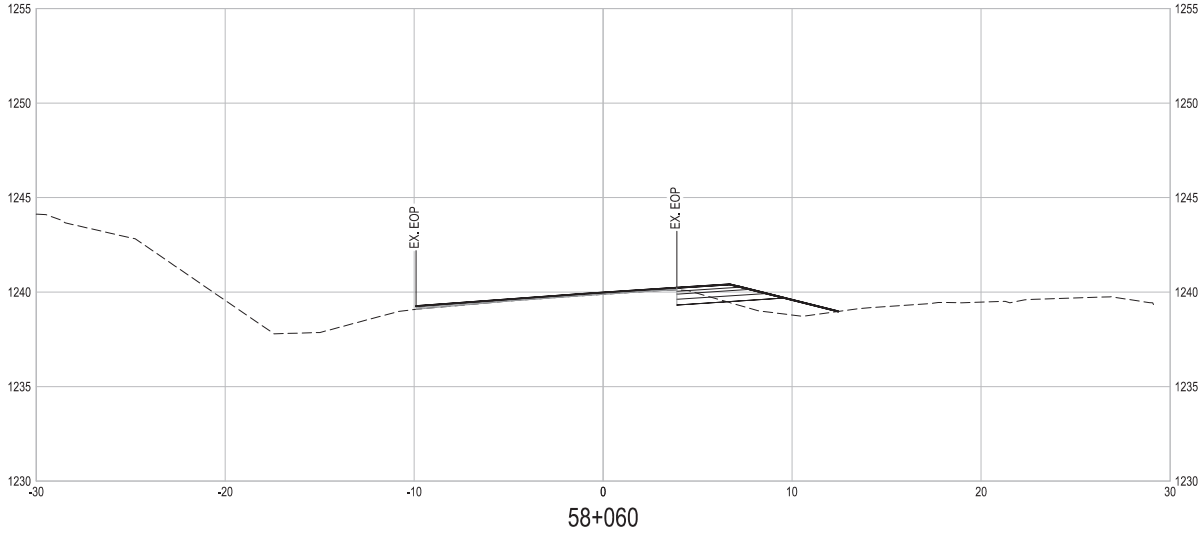
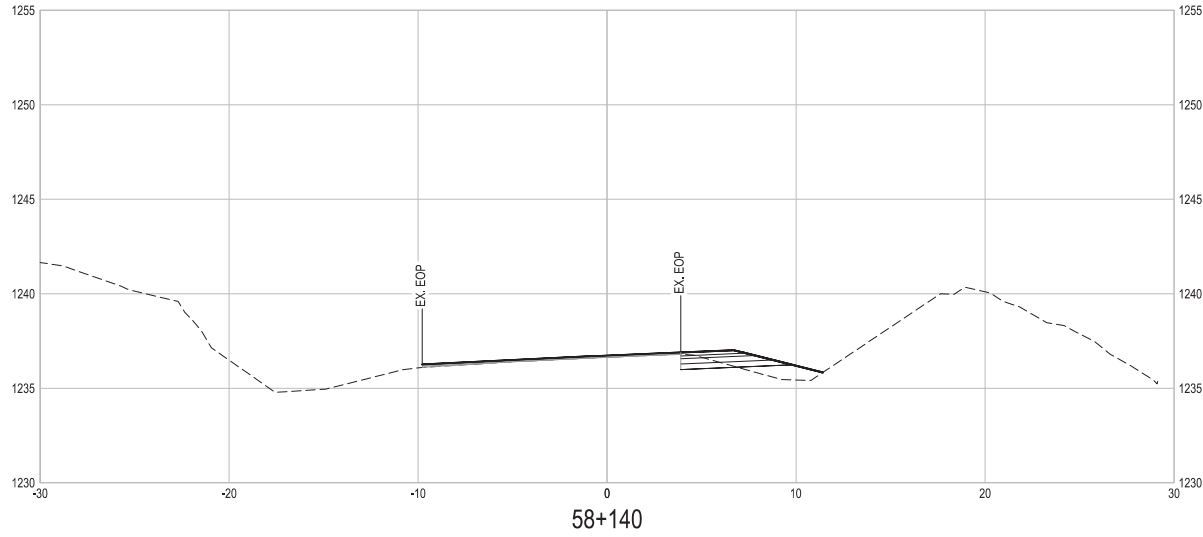
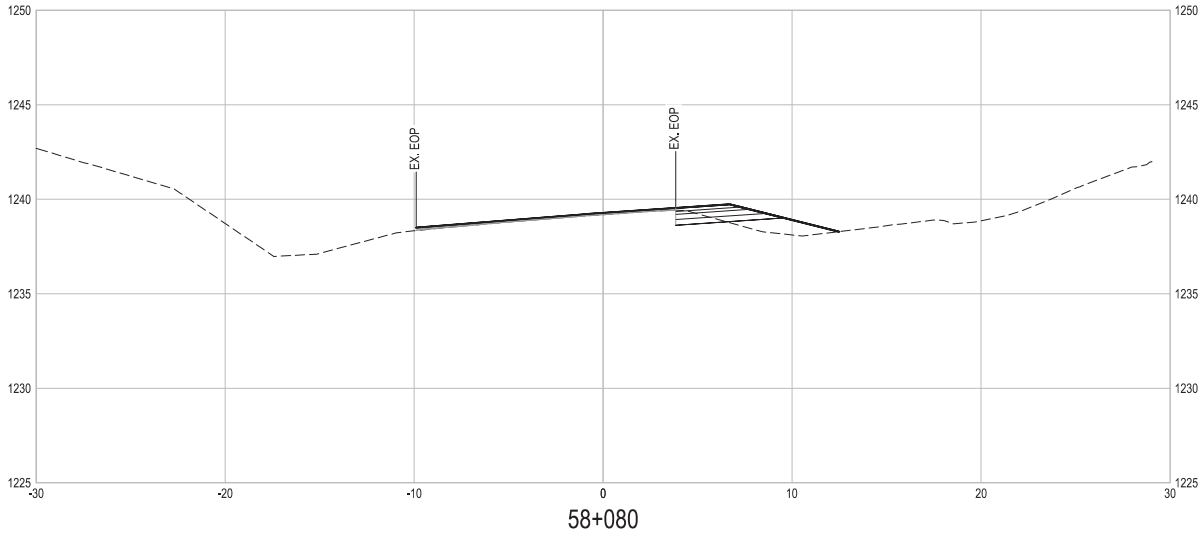
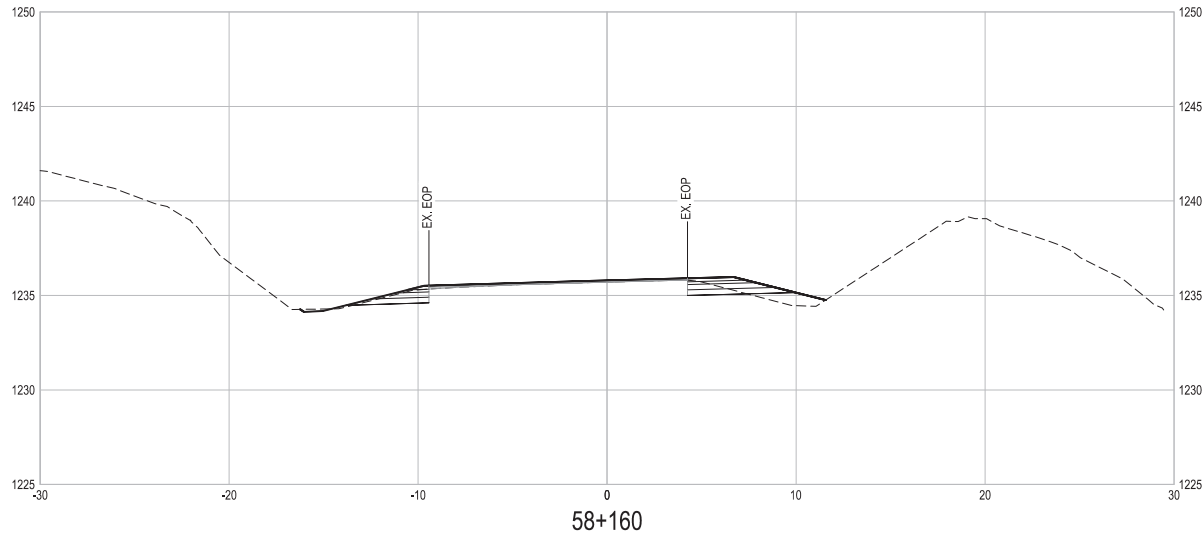
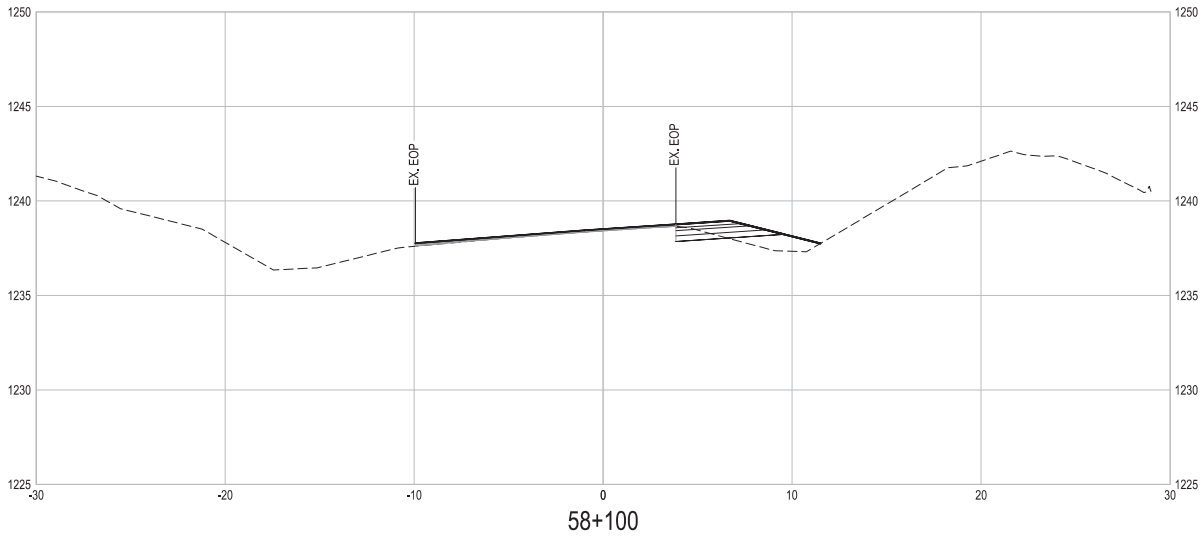
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS13
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:05:25
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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
C

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

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

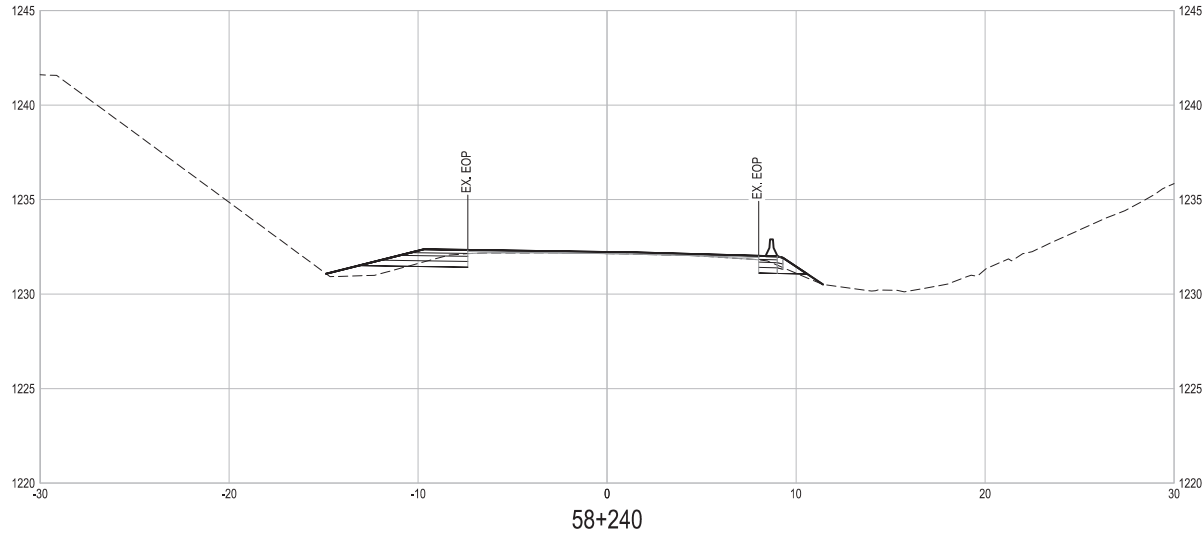
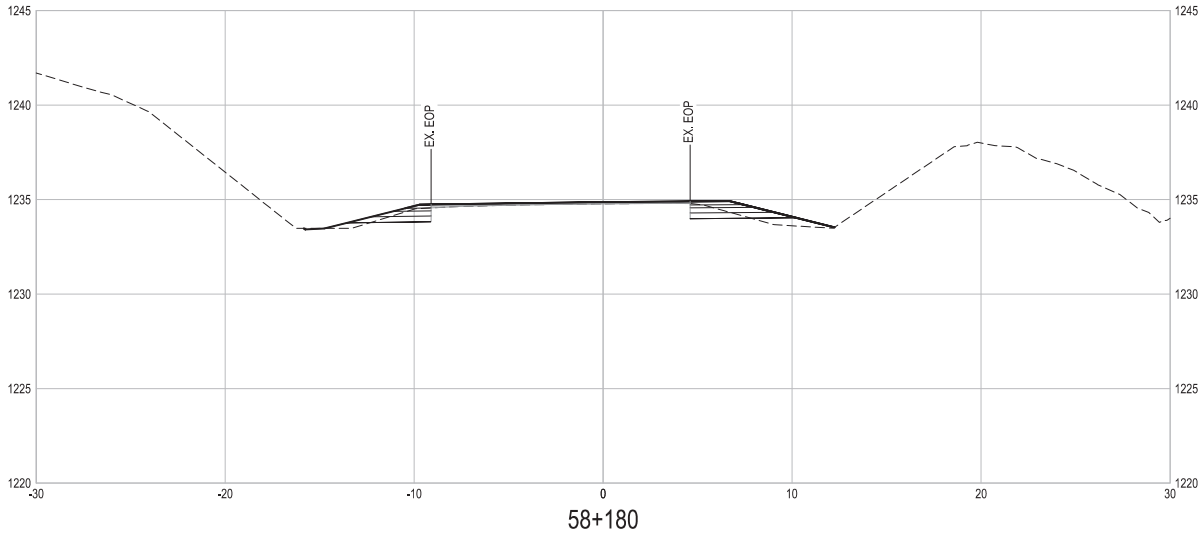
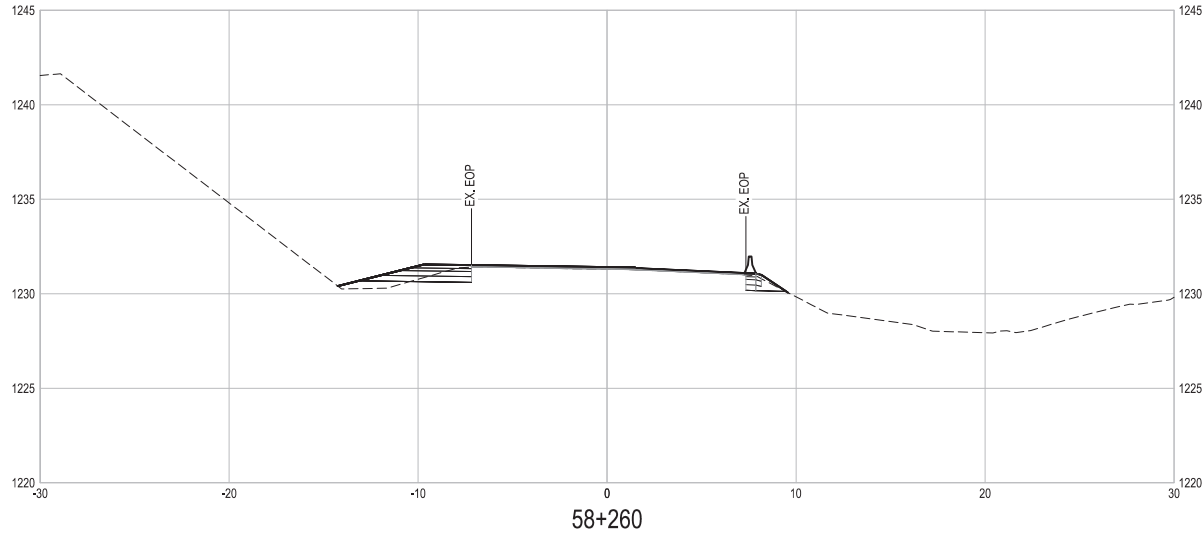
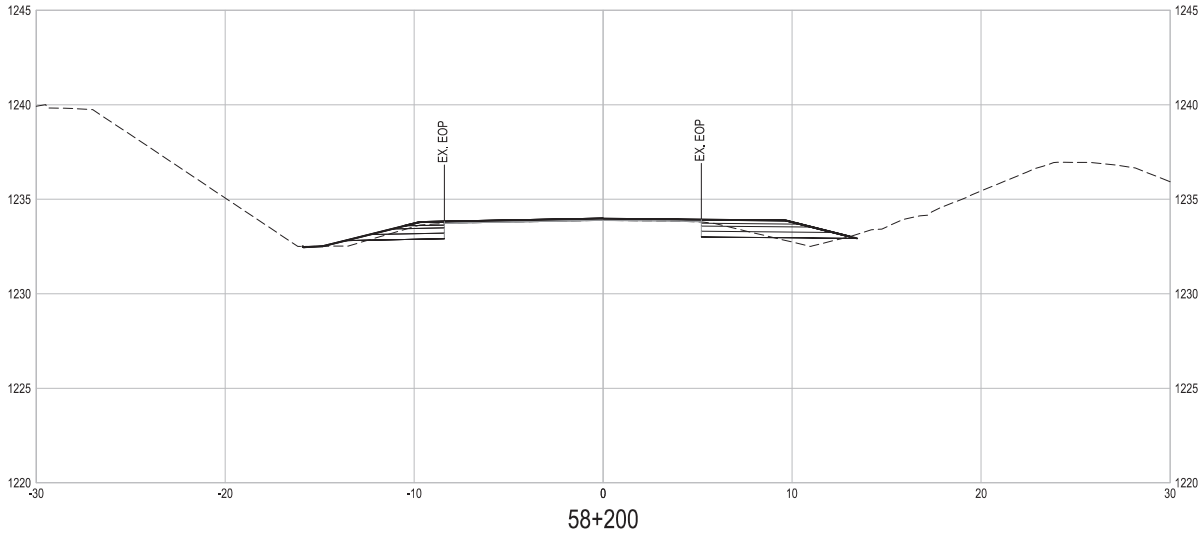
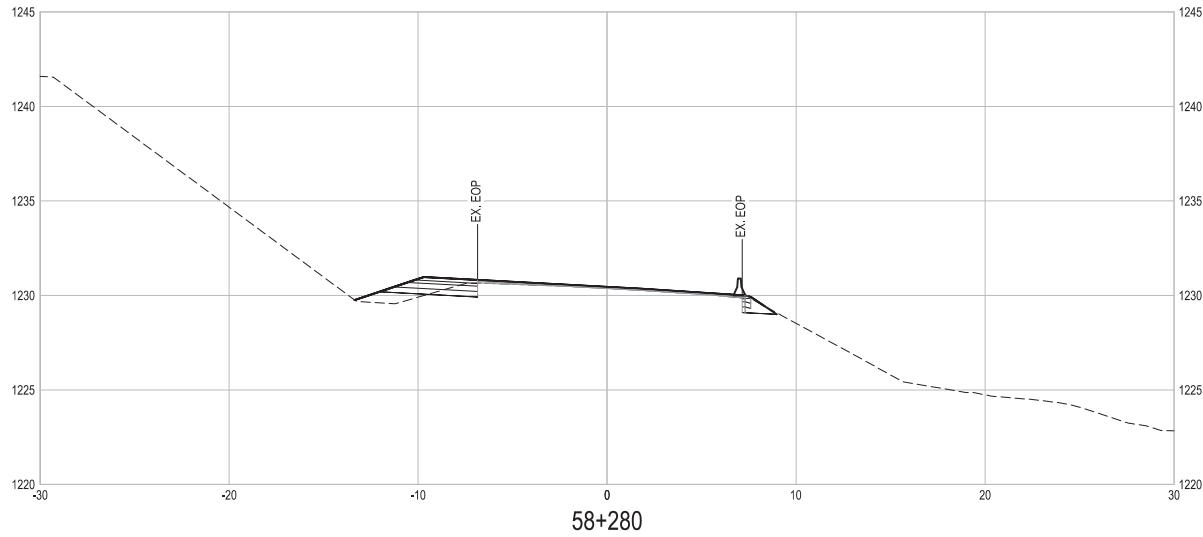
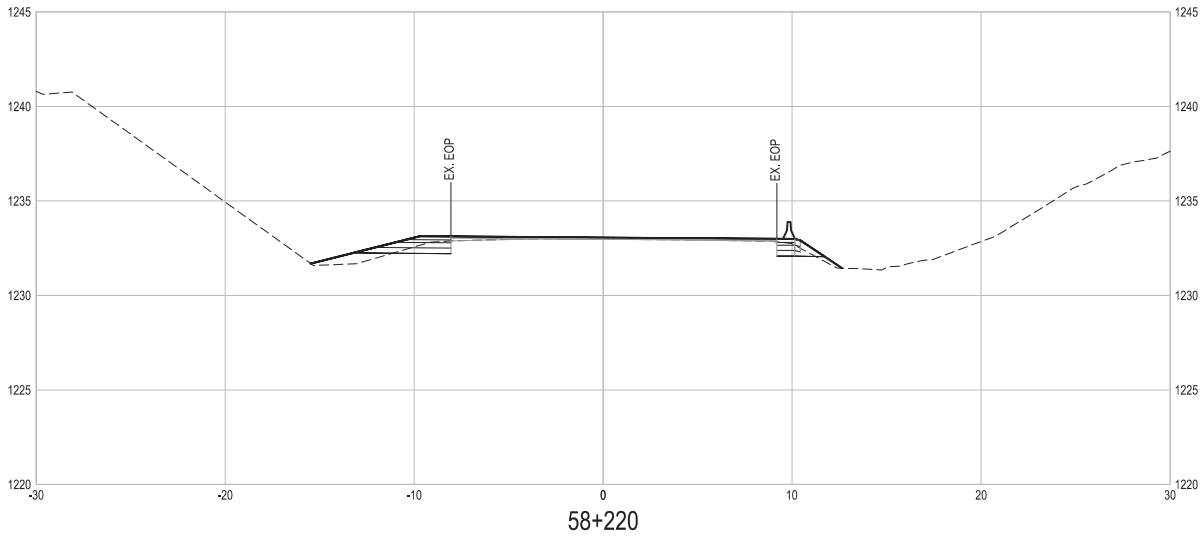
Drawing title/Titre du dessin

CROSS SECTIONS
CLIMBING LANE

STA 58+060 - 58+160

Surveyed by/Arpenté par -	Drawn by/Dessiné par RL	Date/Date 2016.03.14
Designed by/Conçeut 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
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS14 of 32
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		

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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 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
-	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

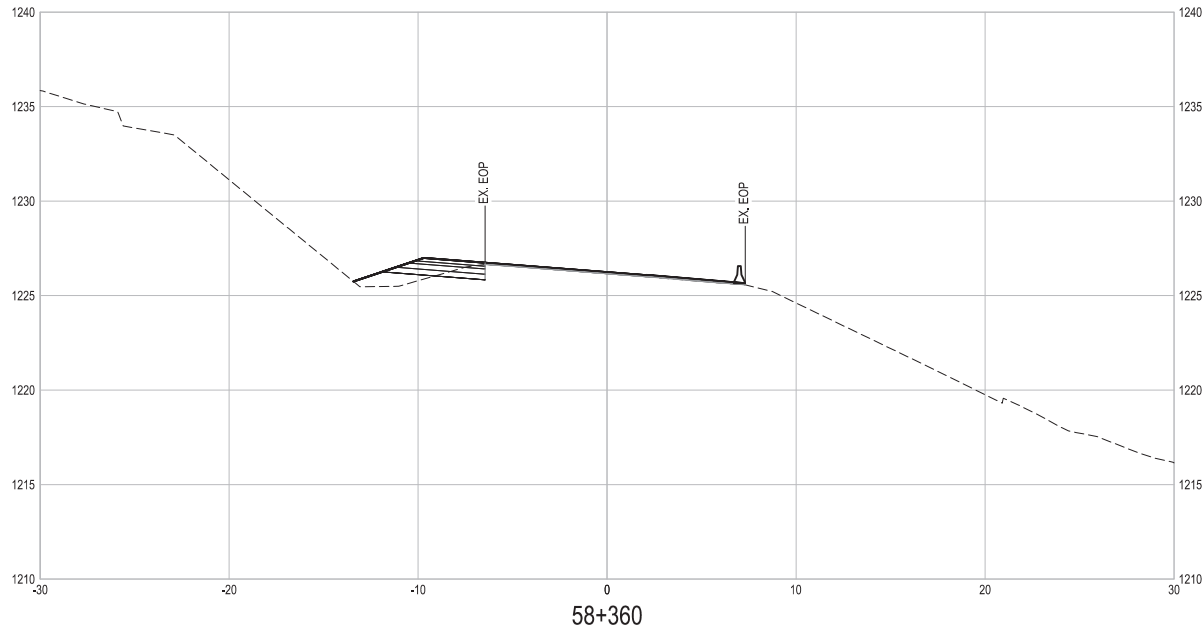
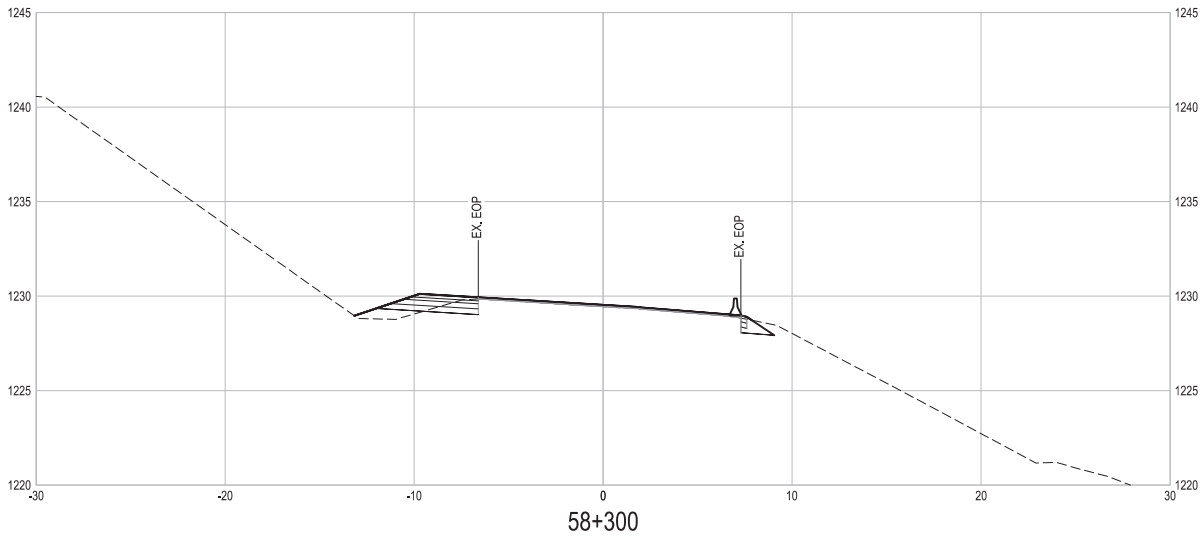
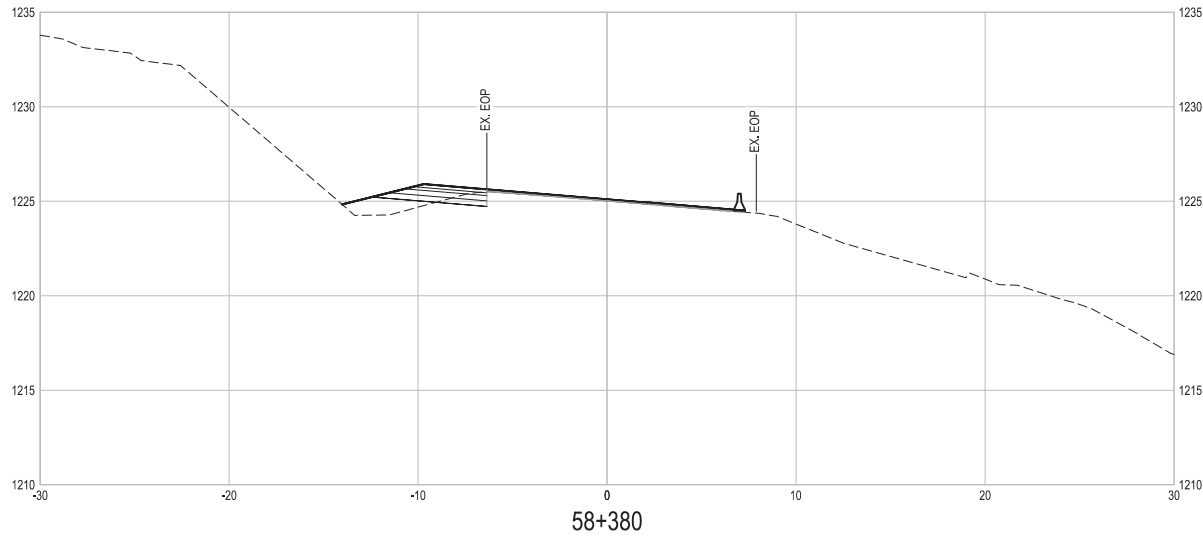
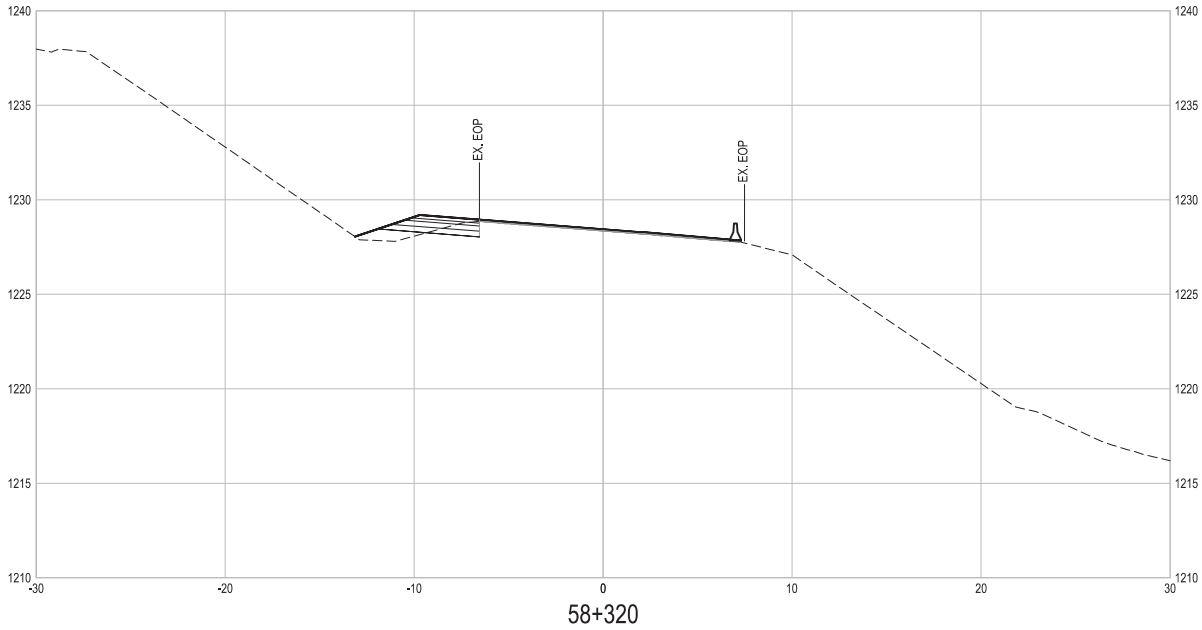
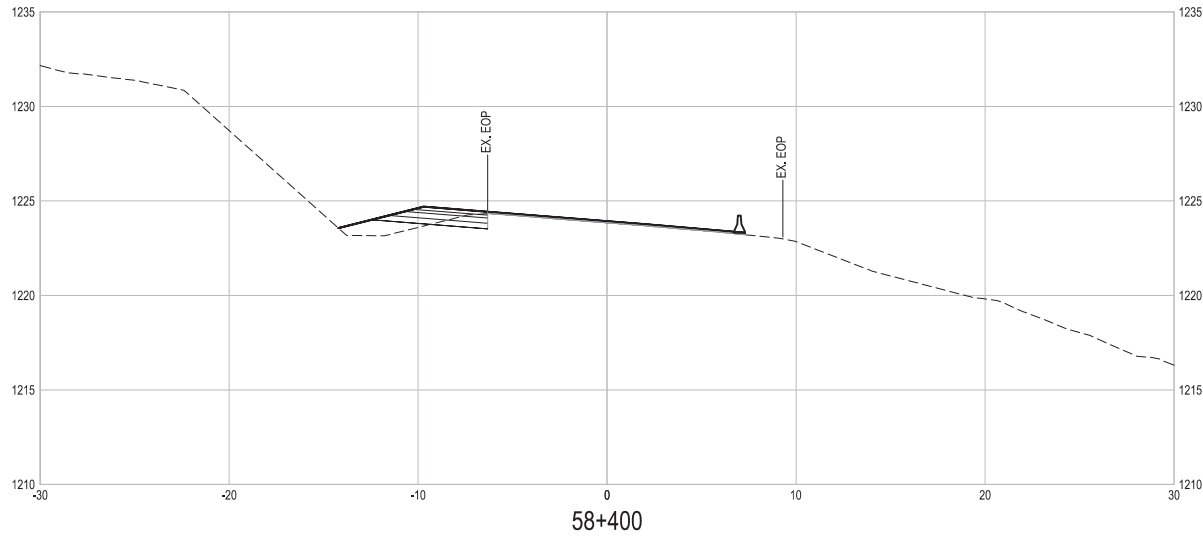
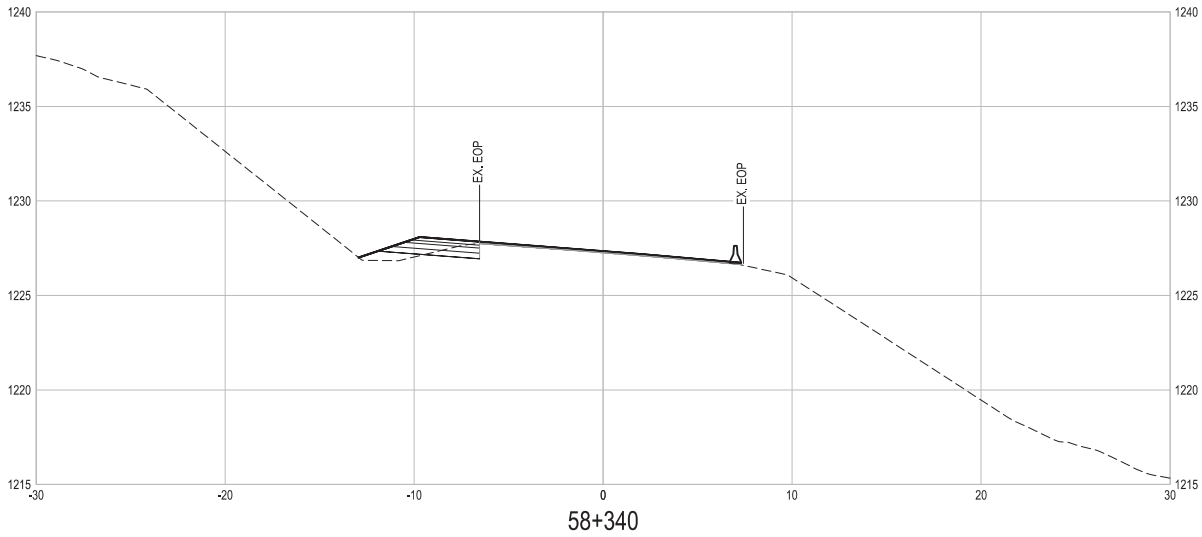
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS15

Drawing Reference No./No. de référence du dessin	
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Revision / Revision	
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<div>Consultant's Stamp Sceau de l'expert-conseil</div>	<div>Eng. Stamp Sceau de l'ingénieur</div>

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

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

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

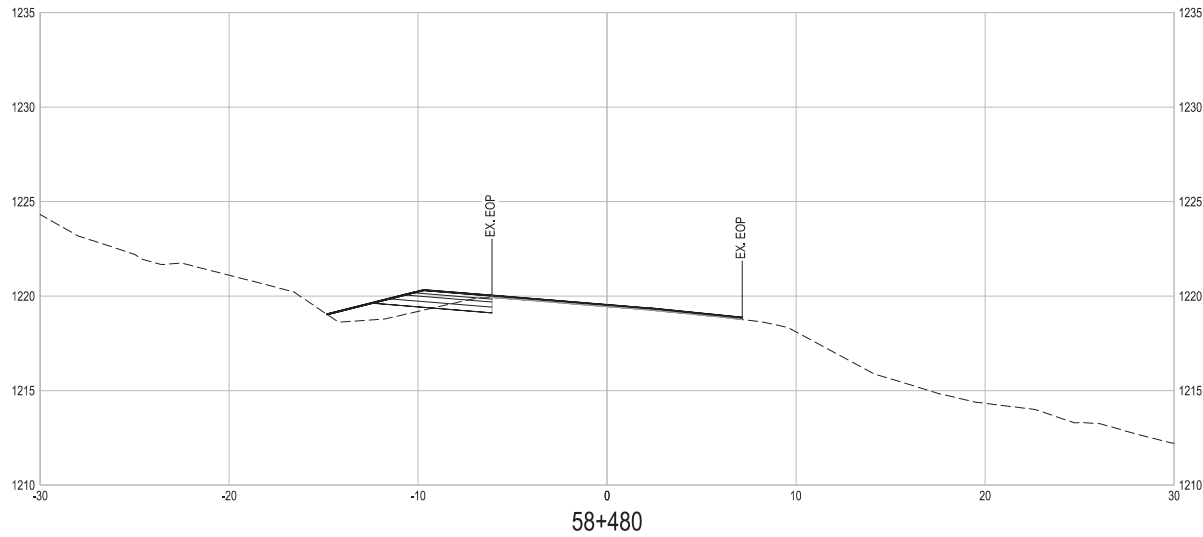
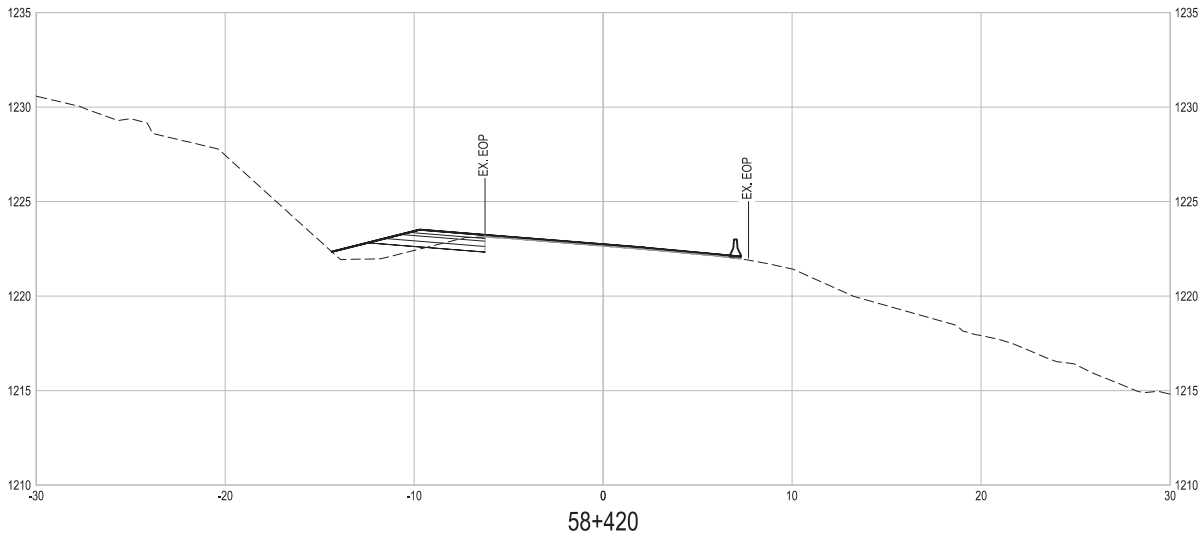
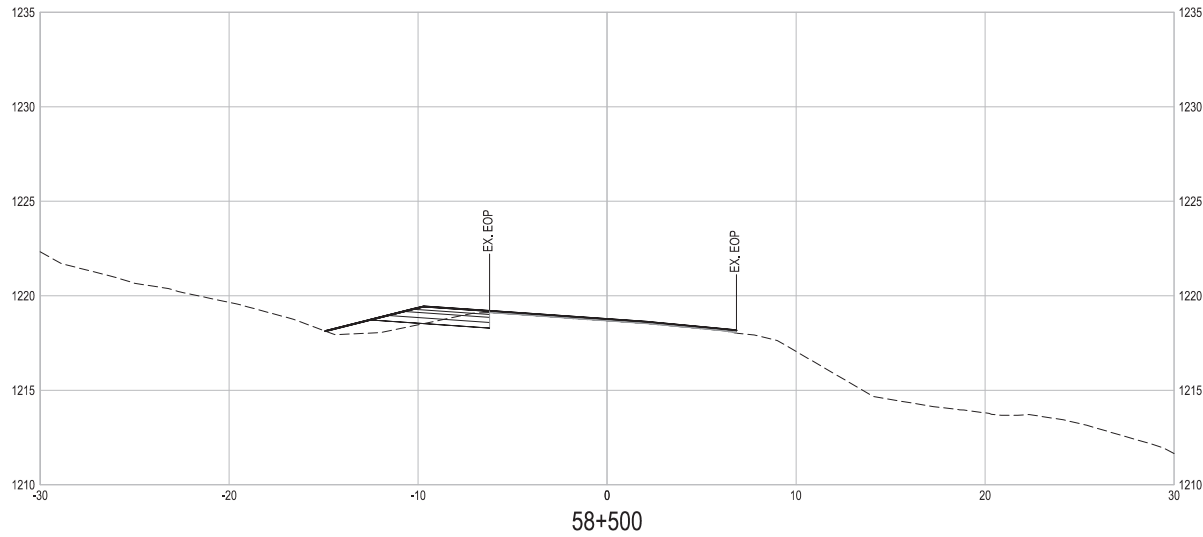
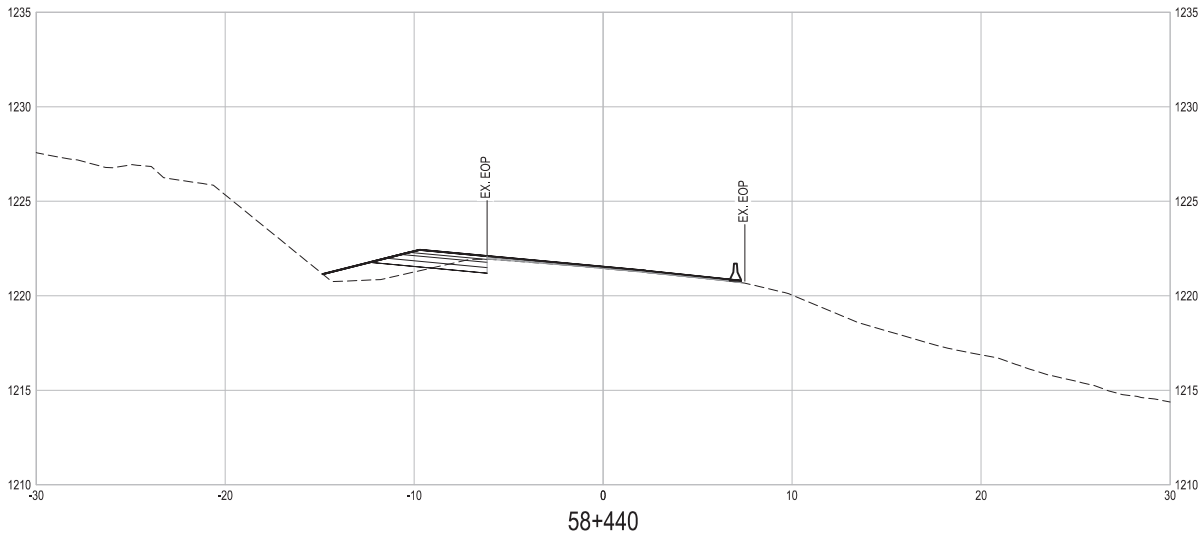
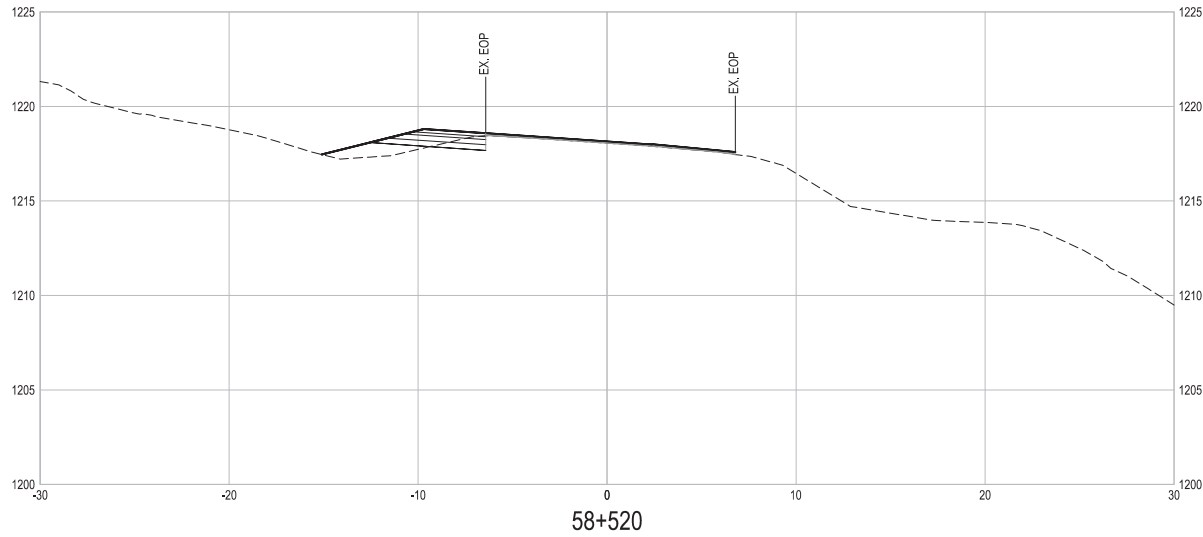
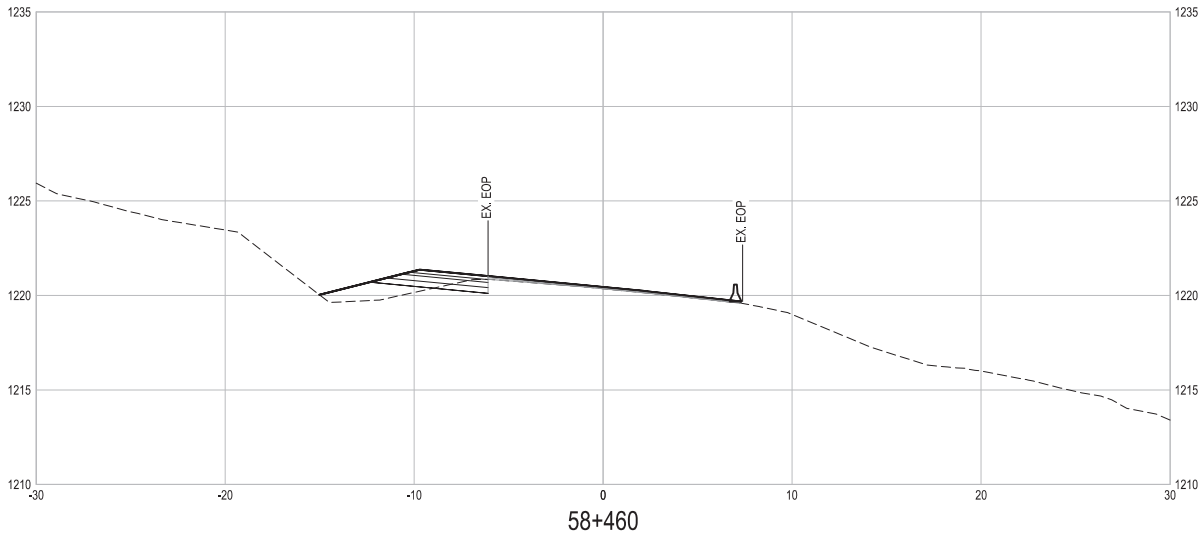
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Designed by/Concept par CG / JV	Reviewed by/Revisé par SF	Scale/Echelle 1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS16
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		of 32

Plotted: April 14, 2016, 10:06:56 Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg\XS-17



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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 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 Agence 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
CLIMBING LANE**

STA 58+420 - 58+520

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

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

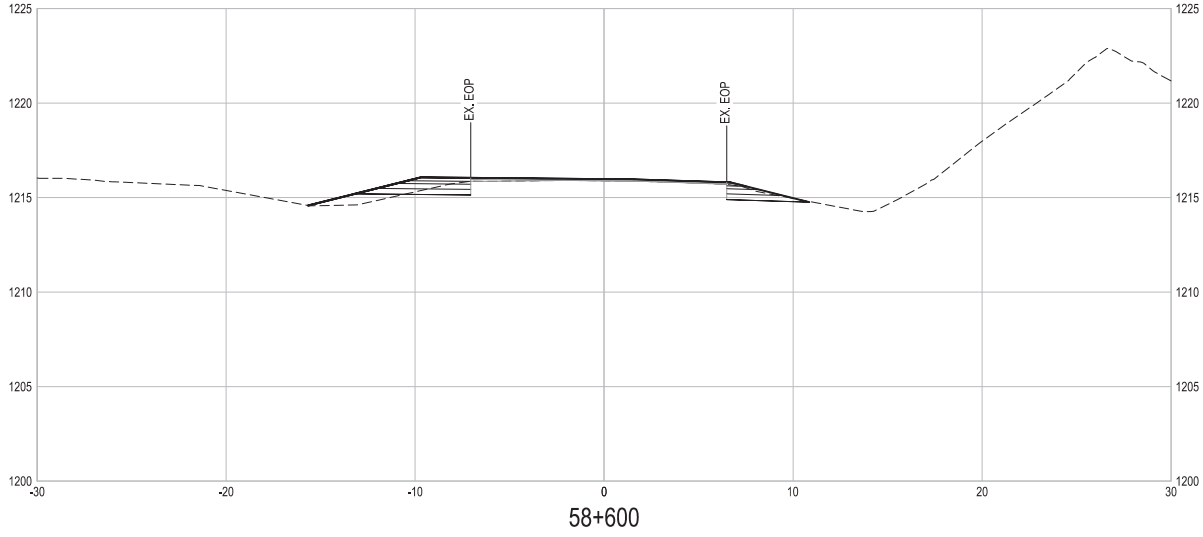
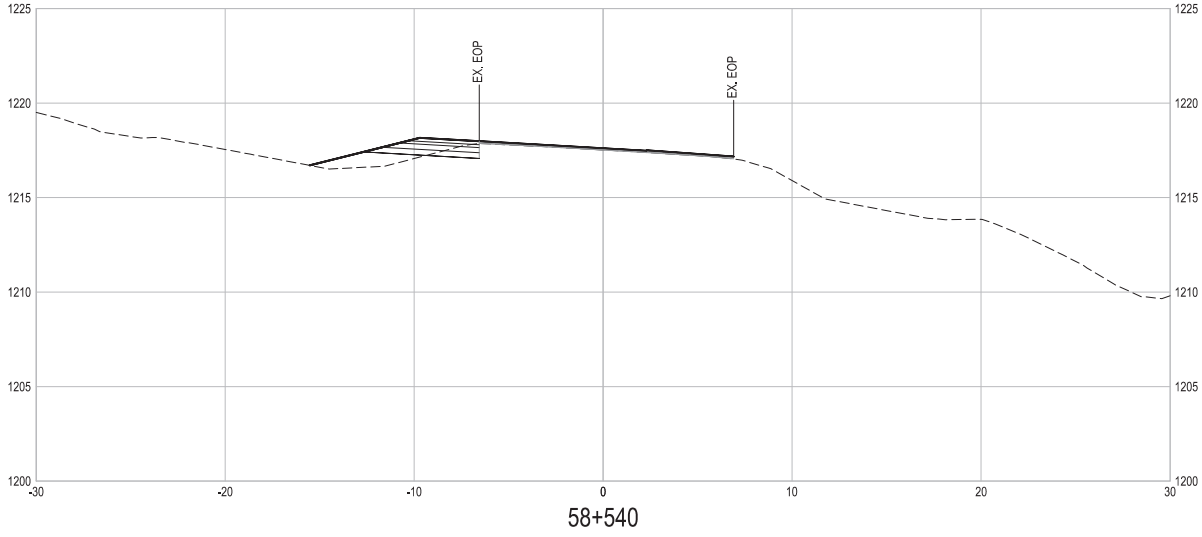
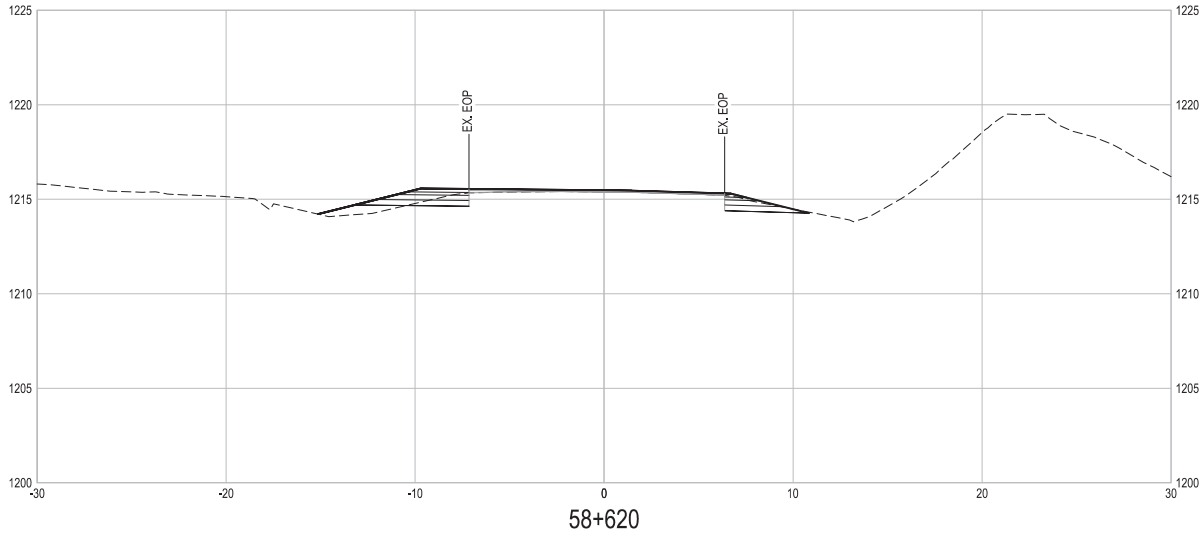
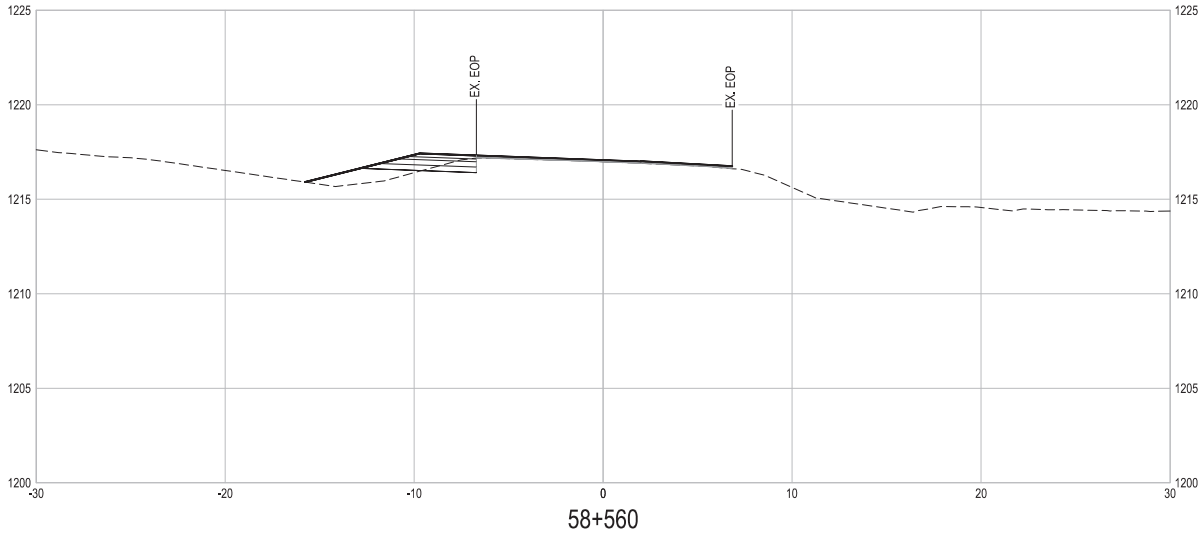
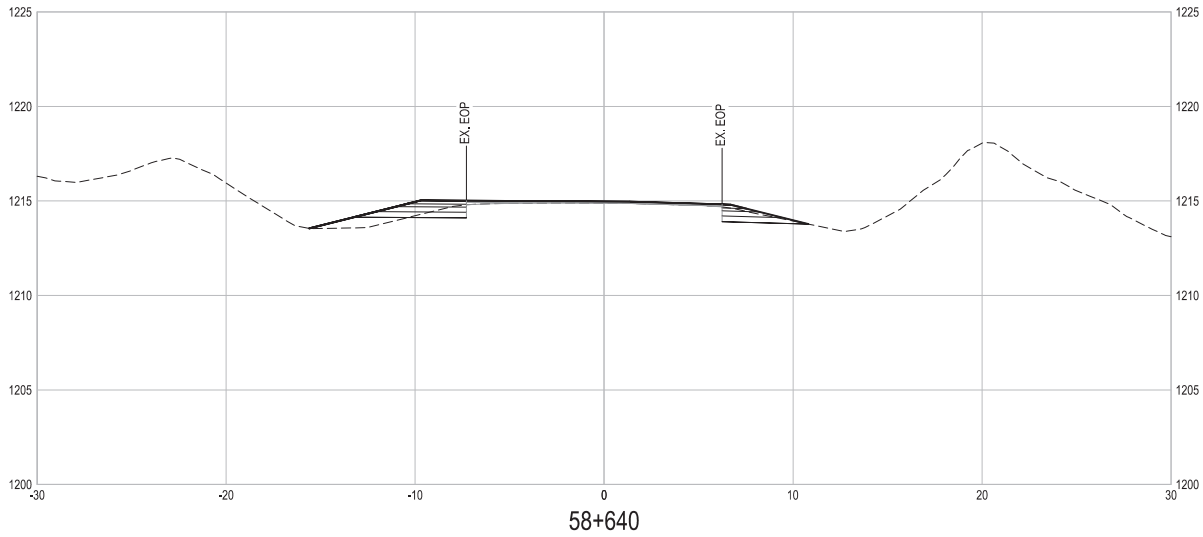
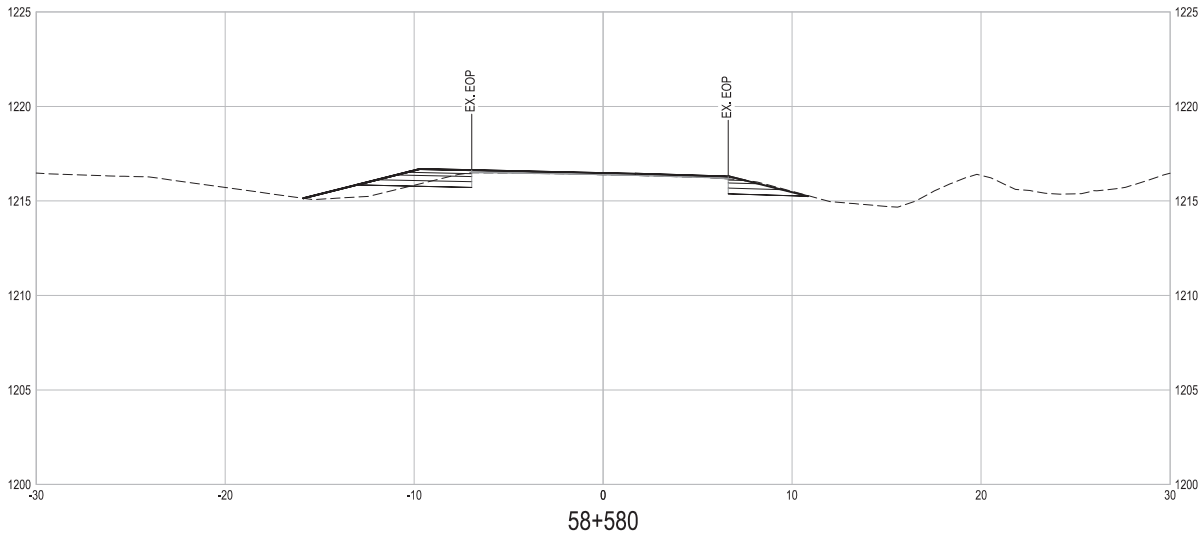
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS17
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Drawing Reference No./No. de référence du dessin 2121-00202-00-C3	of 32
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Plotted: April 14, 2016, 10:07:27
Filename: O:\Proj\21-00202-00 PCA - 835 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg\XS-18



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

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

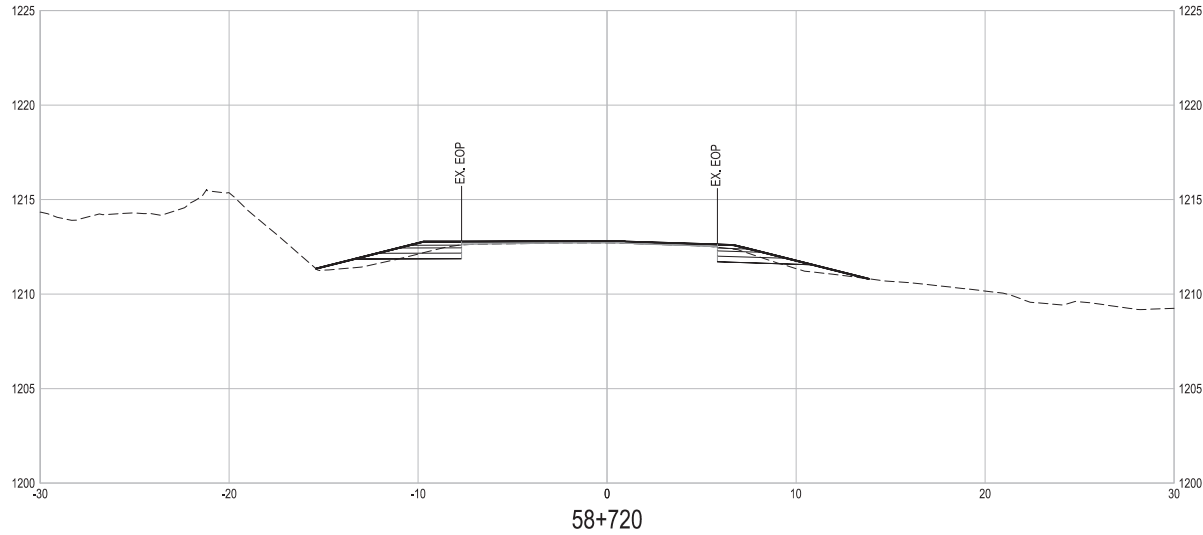
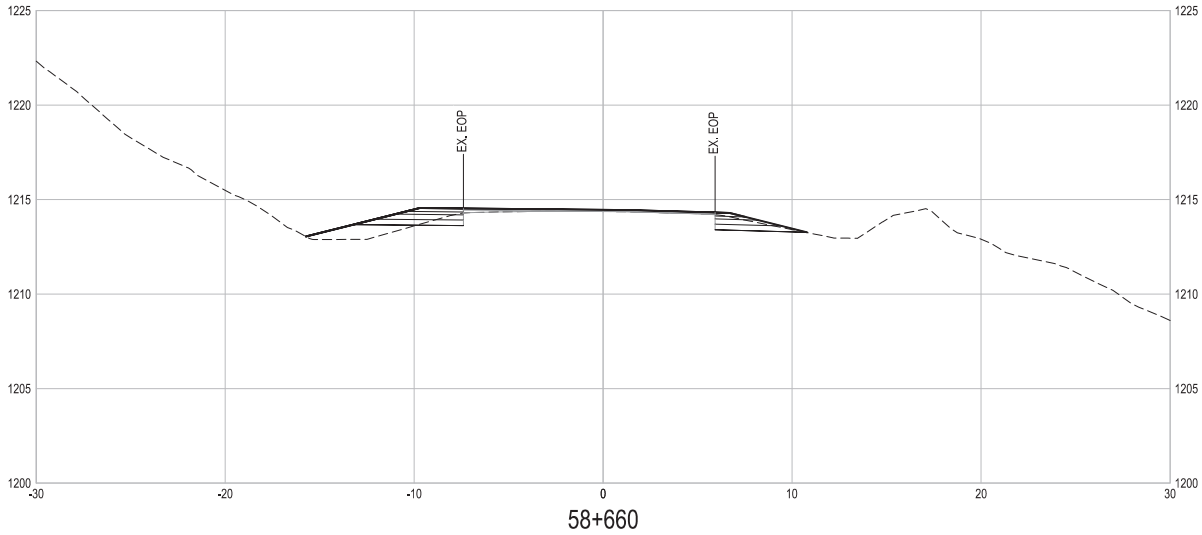
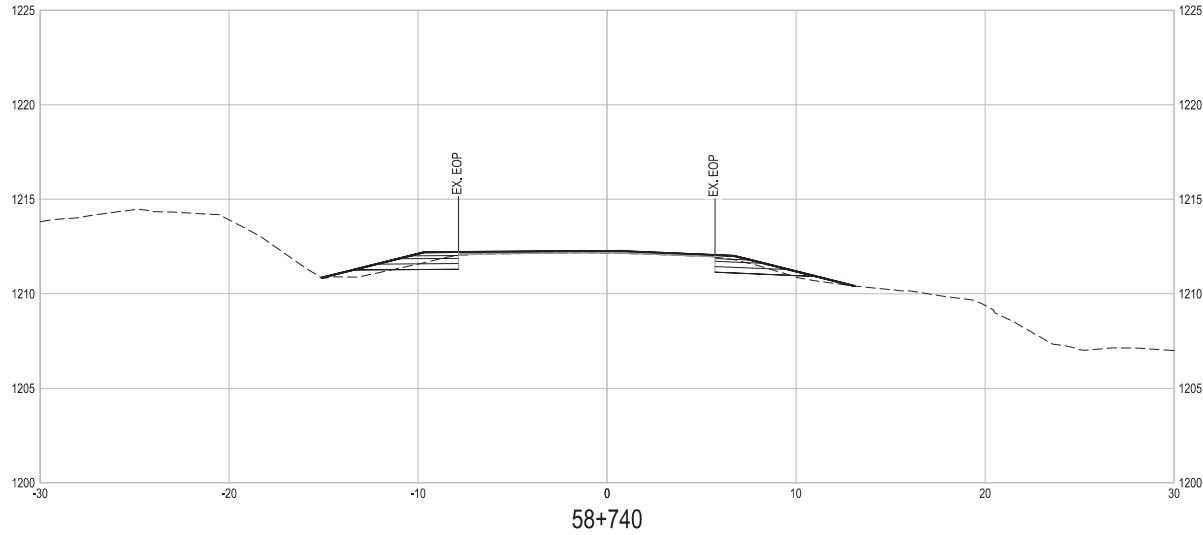
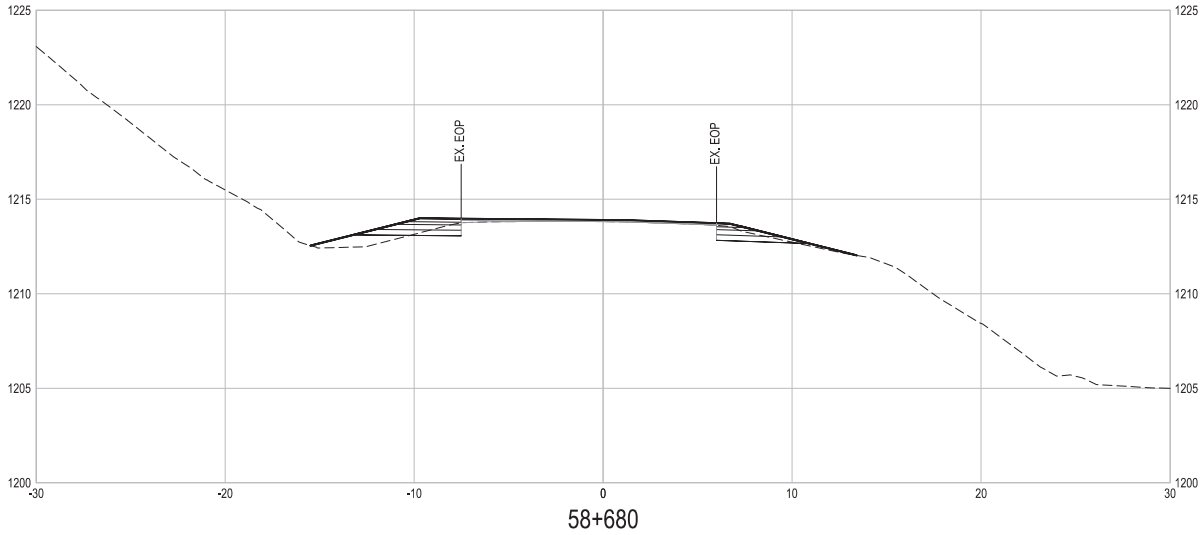
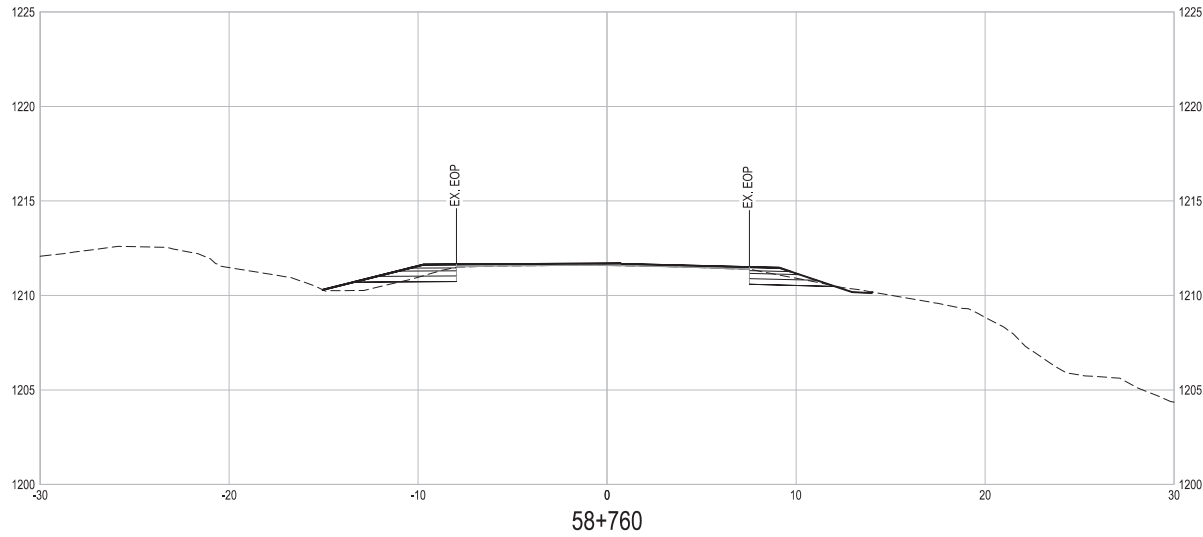
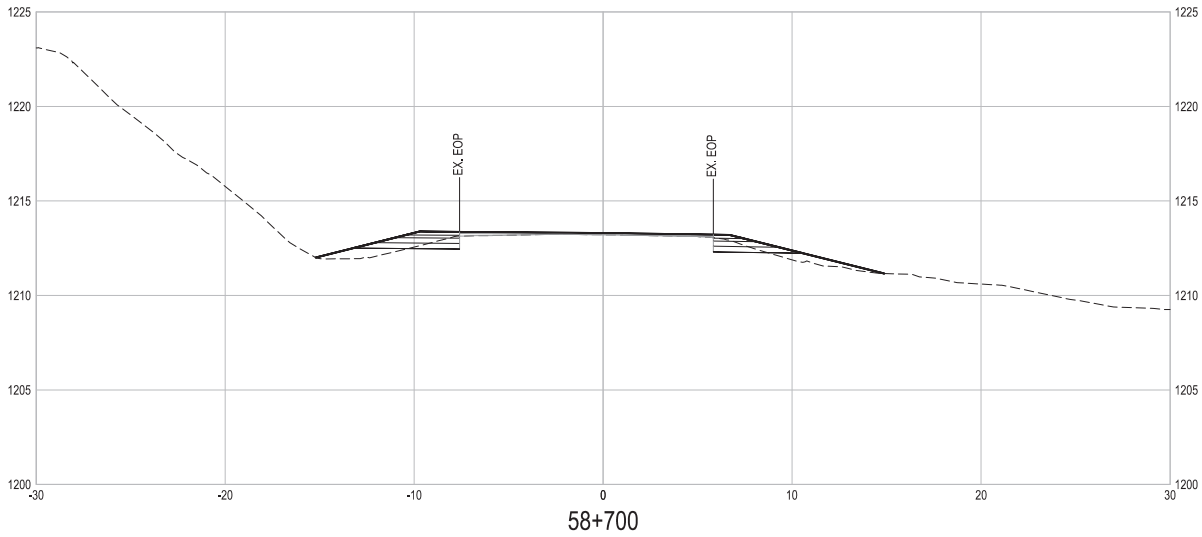
Consultant's Name Nom de l'expert-conseil


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+540 - 58+640

Surveyed by/Arpenté par -	Drawn by/Dessiné par RL	Date/Date 2016.03.14
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
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS18
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		of 32

Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg; XS-19
Plotted: April 14, 2016, 10:07:56



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

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
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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+660 - 58+760

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

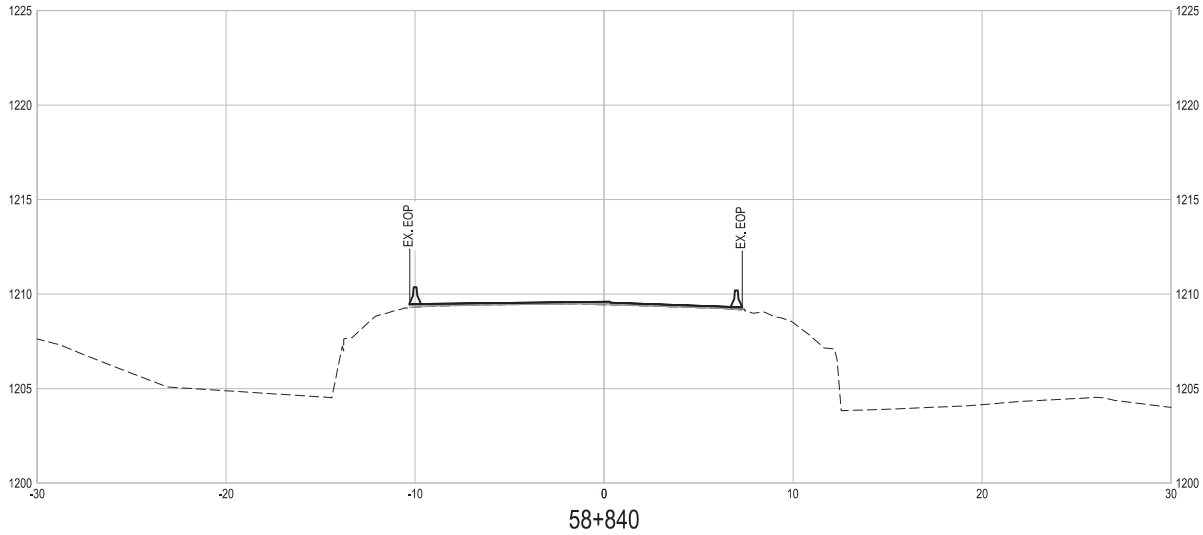
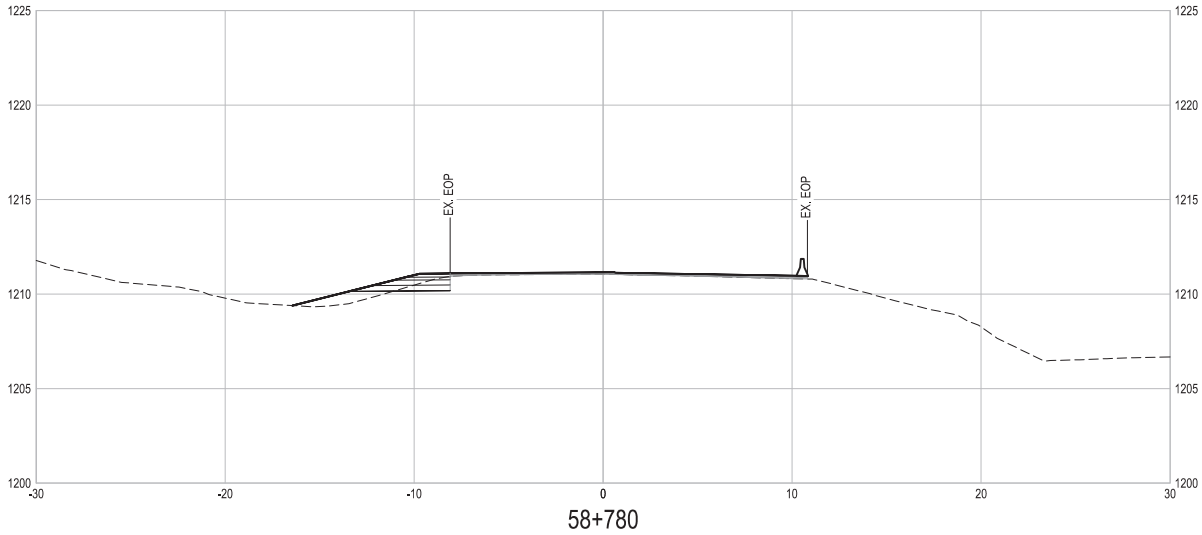
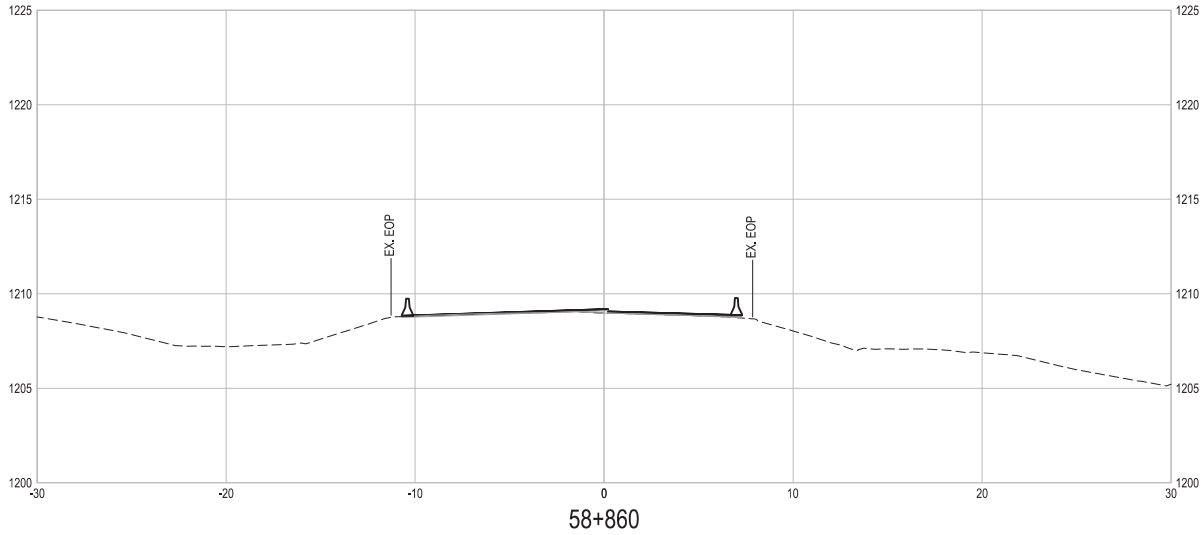
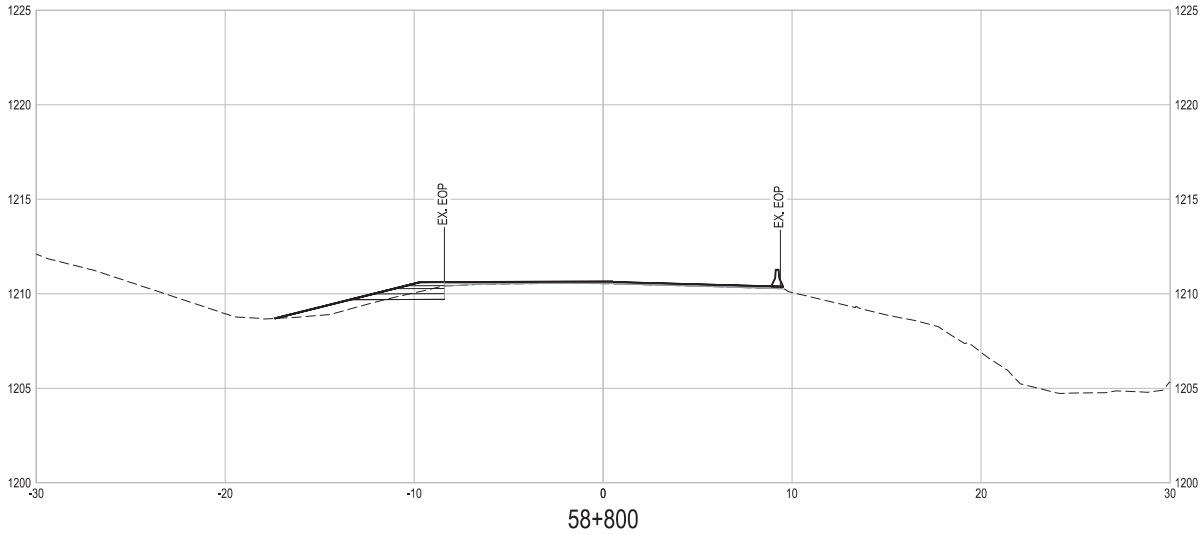
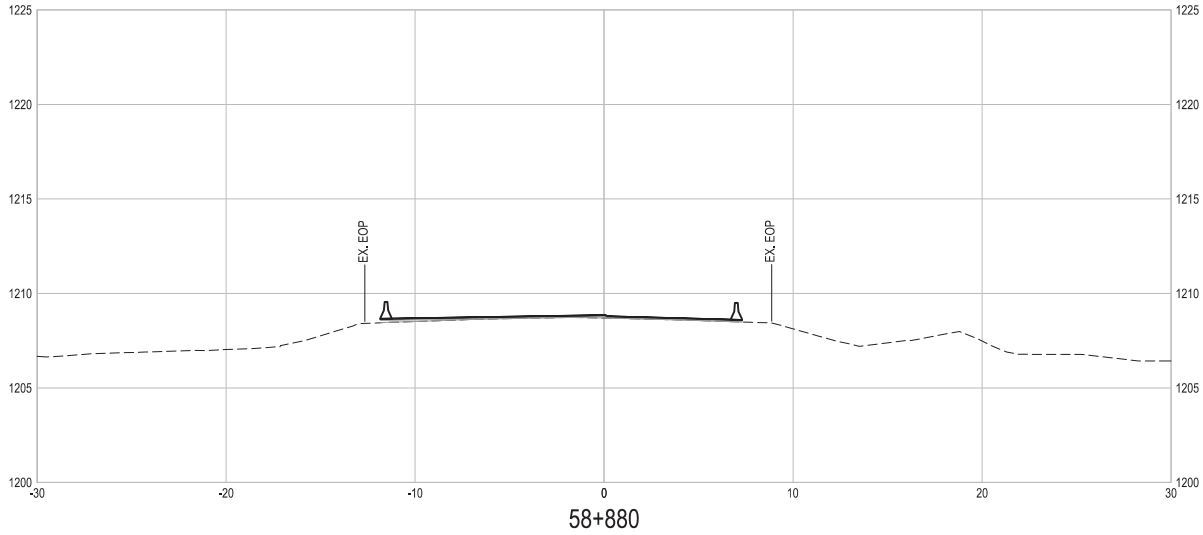
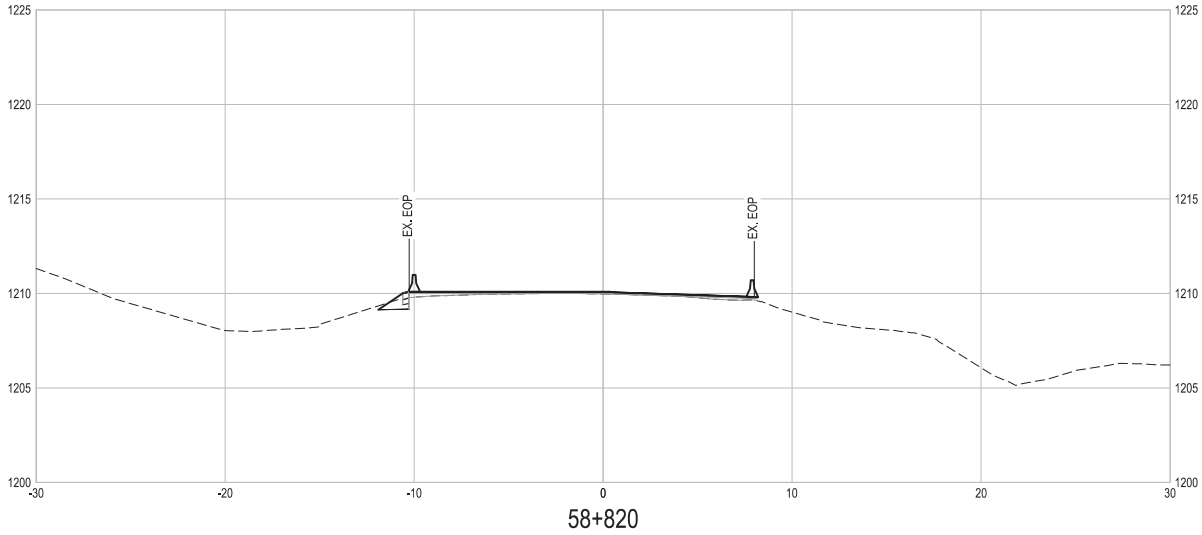
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS19 of 32
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		

Plotted: April 14, 2016, 10:08:26
Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg,XS-20



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

Revision / Revision

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B	B source drawing no. de dessin no.	B C
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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Cliant/client	
 Parks Canada Agence Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région

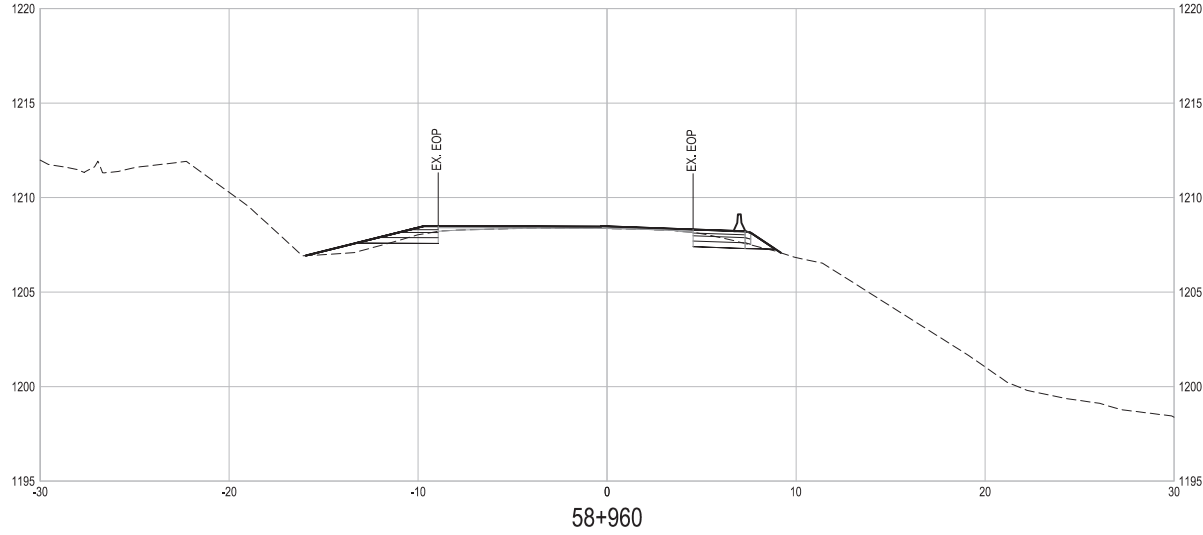
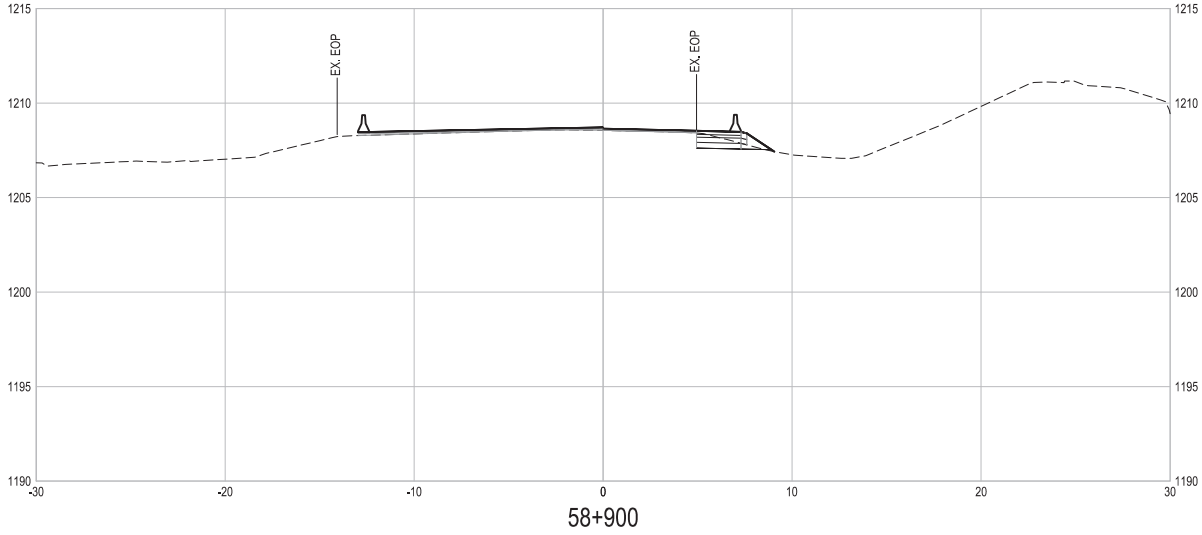
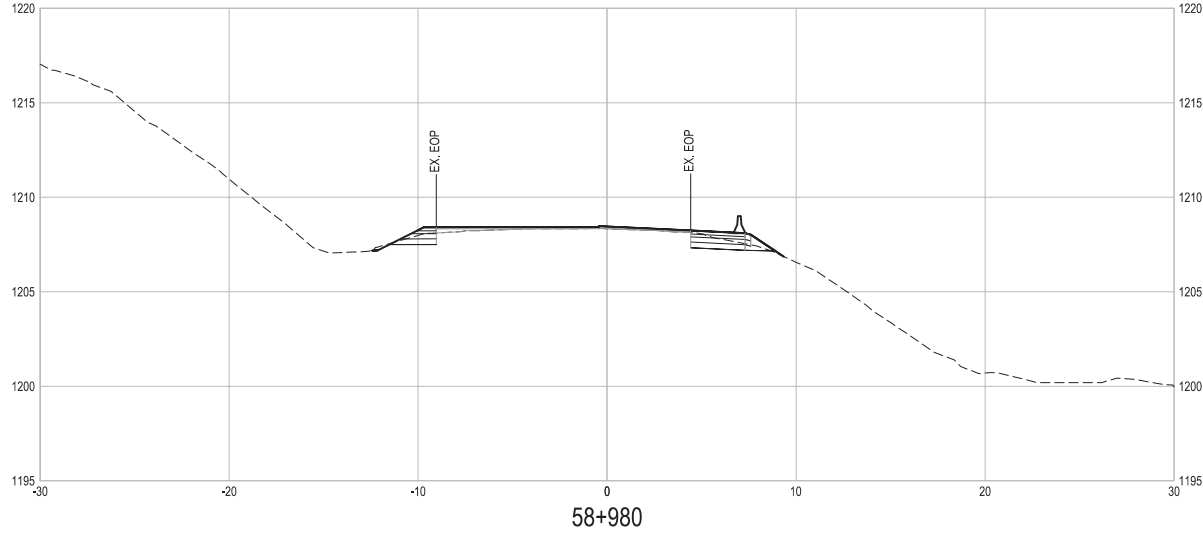
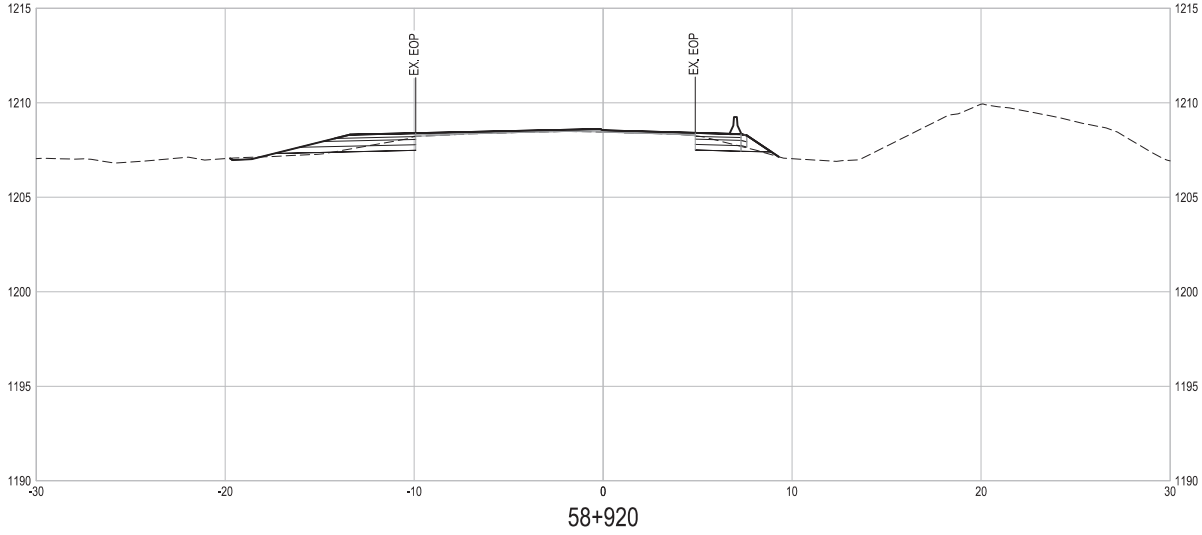
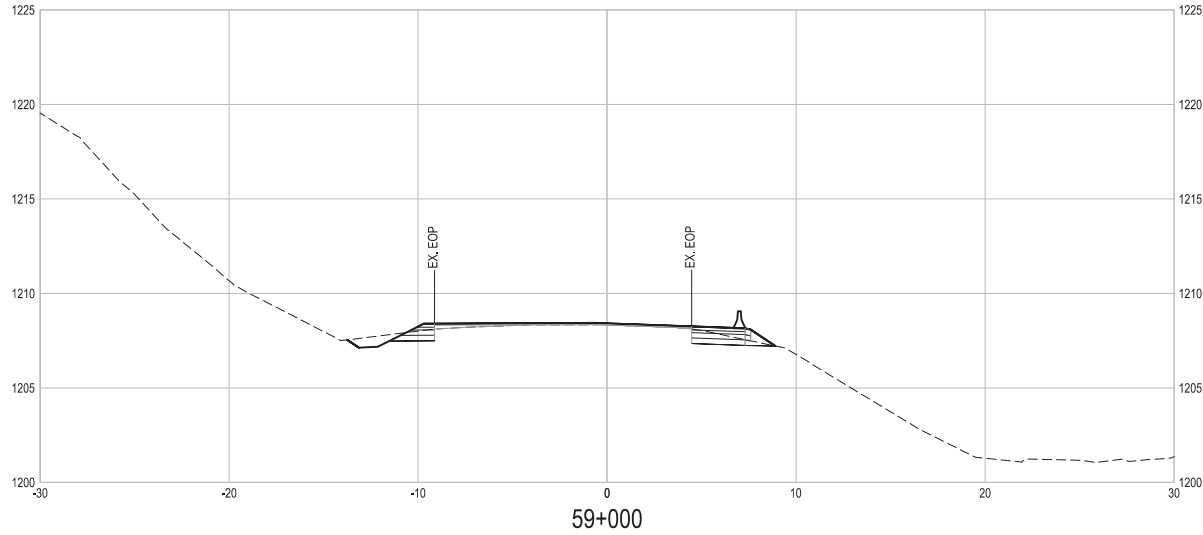
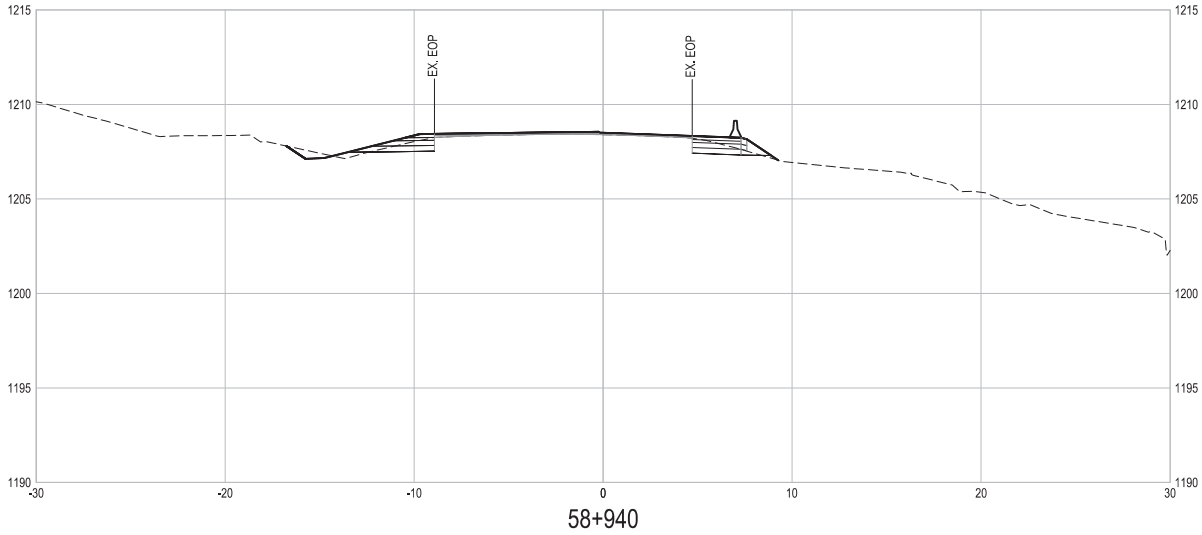
Consultant's Name Nom de l'expert-conseil


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 58+780 - 58+880

Surveyed by/Arpenté par -	Drawn by/Dessiné par RL	Date/Date 2016.03.14
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
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS20 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

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
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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+900 - 59+000

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

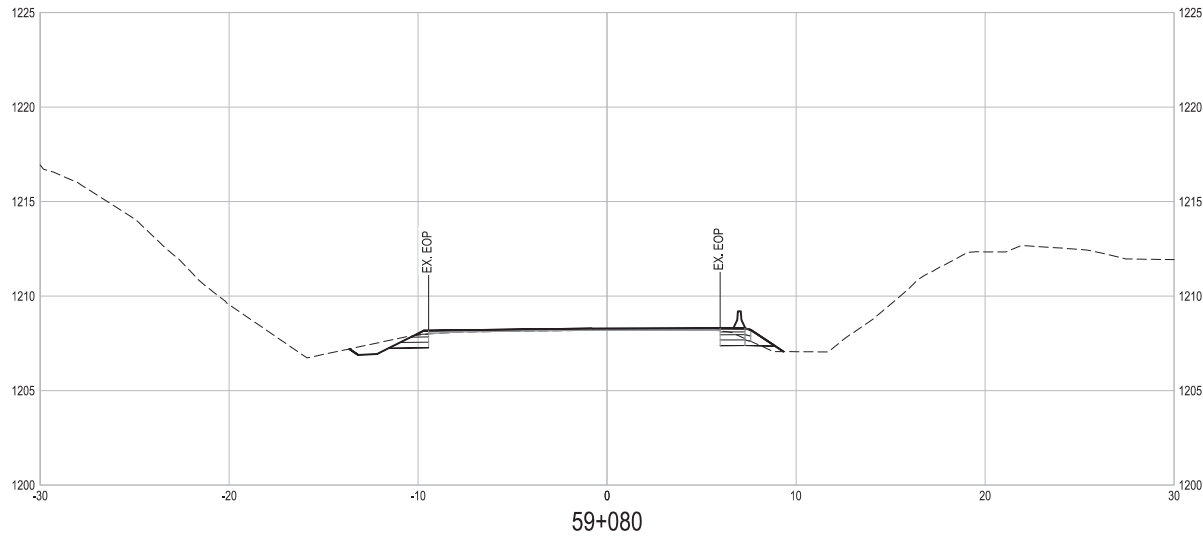
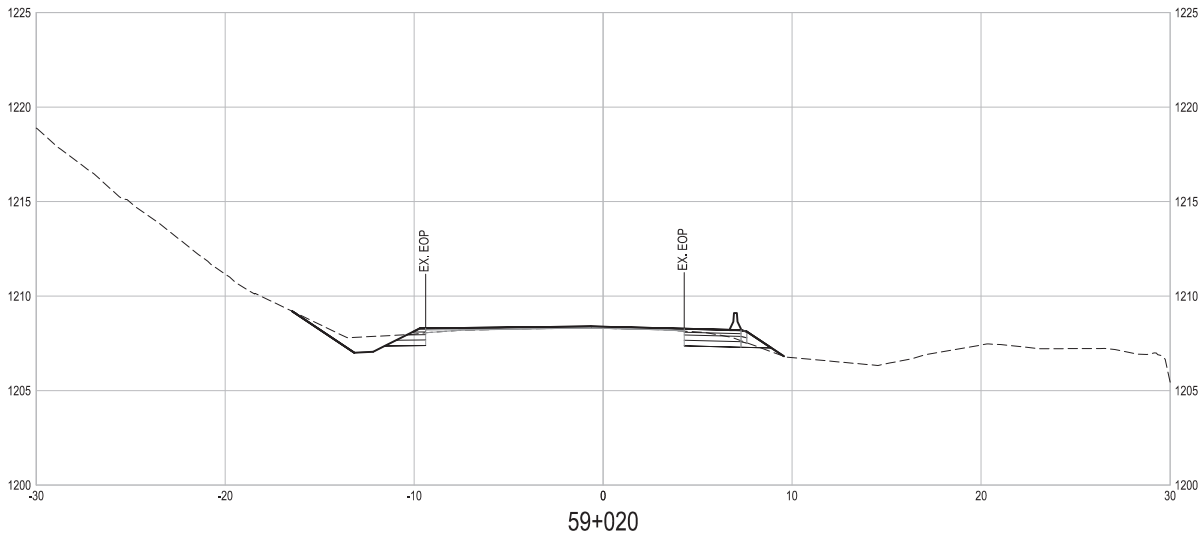
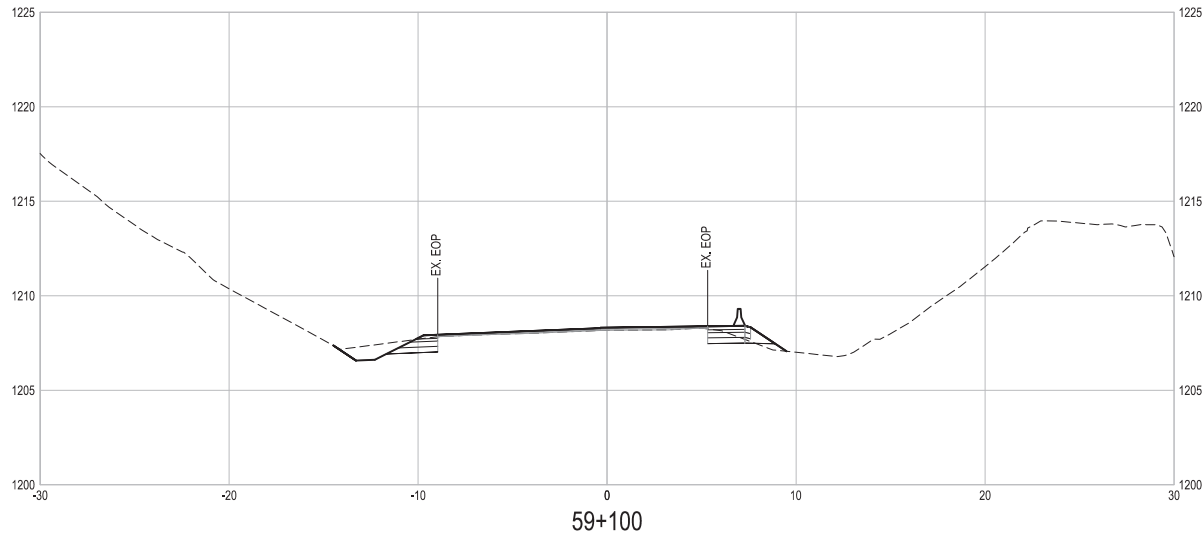
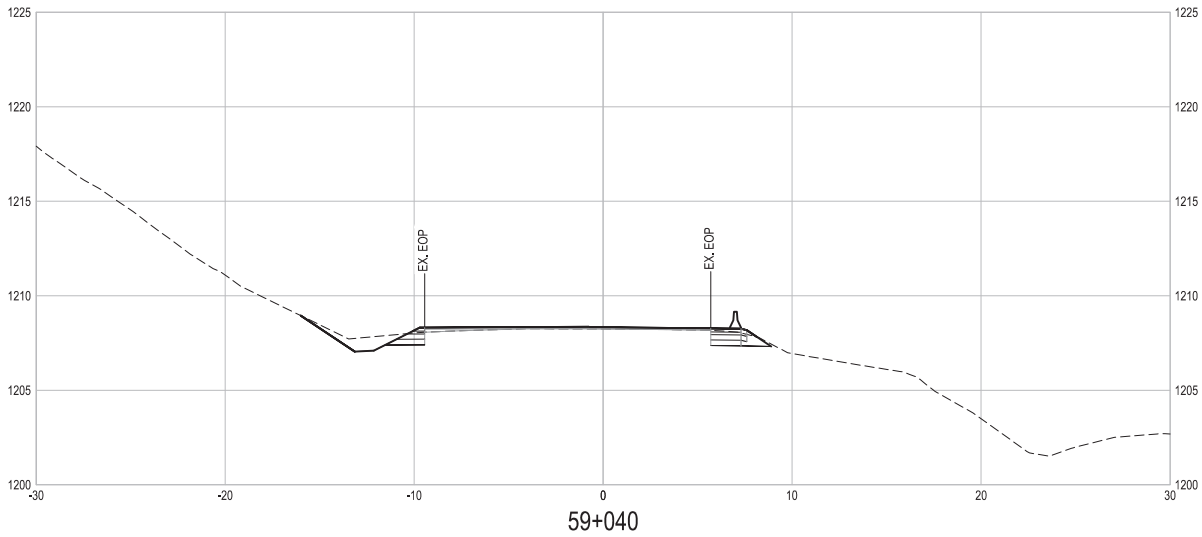
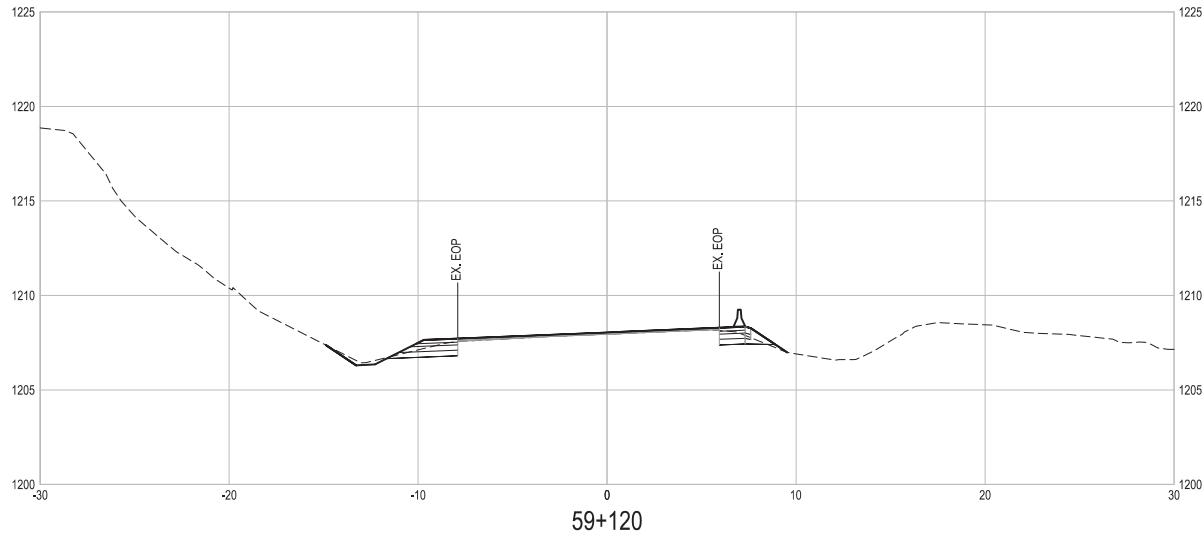
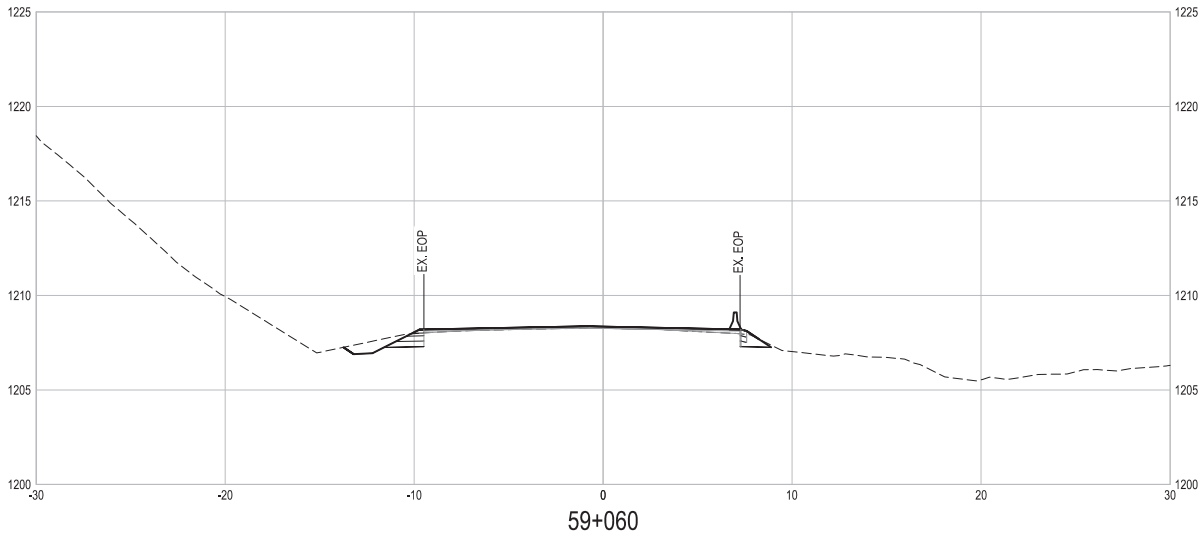
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS21

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

Plotted: April 14, 2016, 10:09:26
Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg,XS-22



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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.

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+020 - 59+120

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

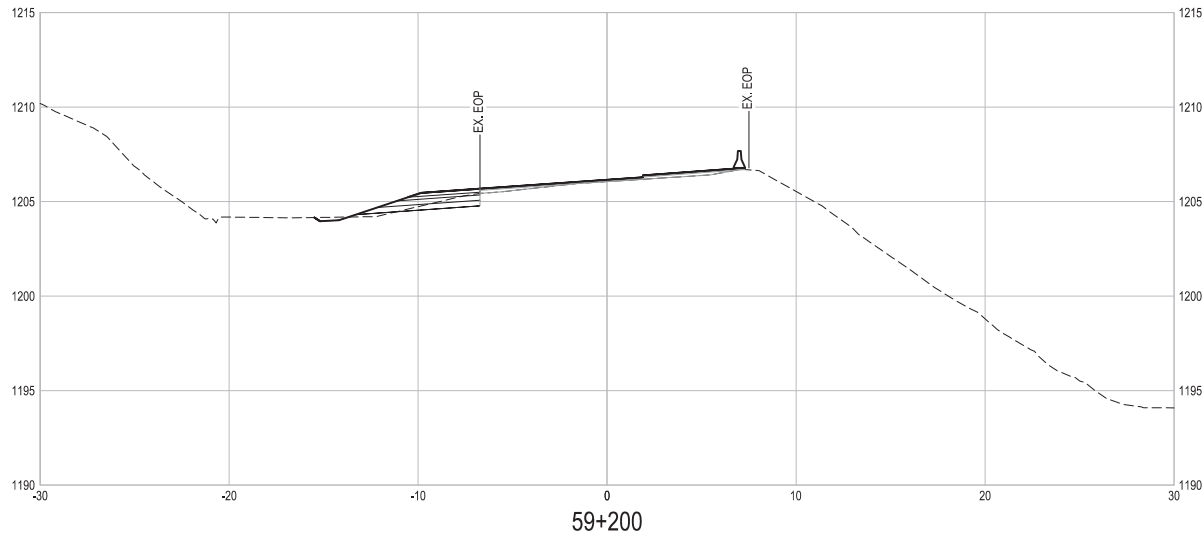
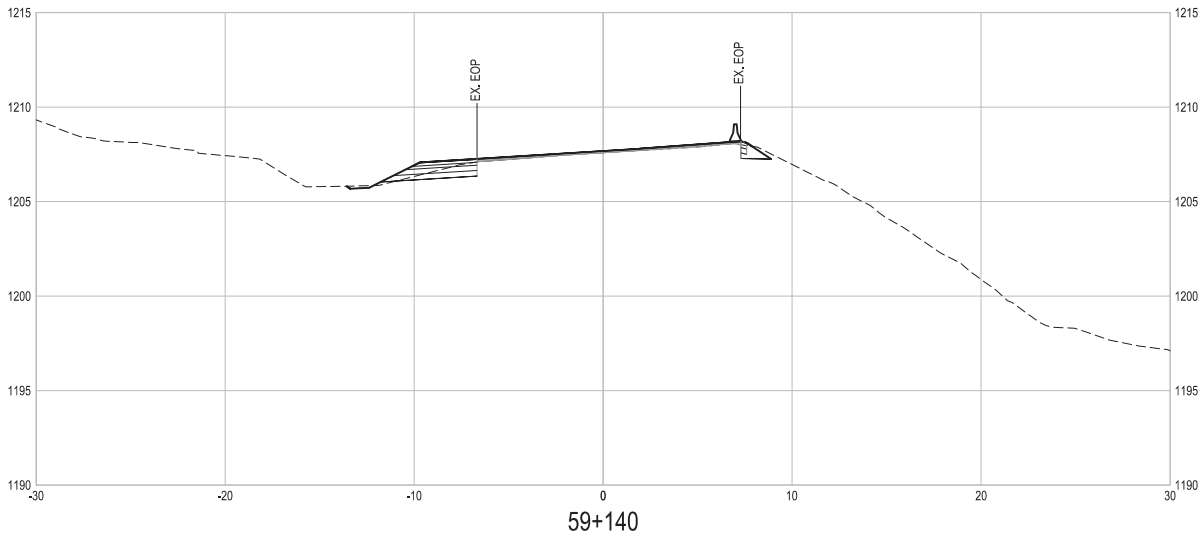
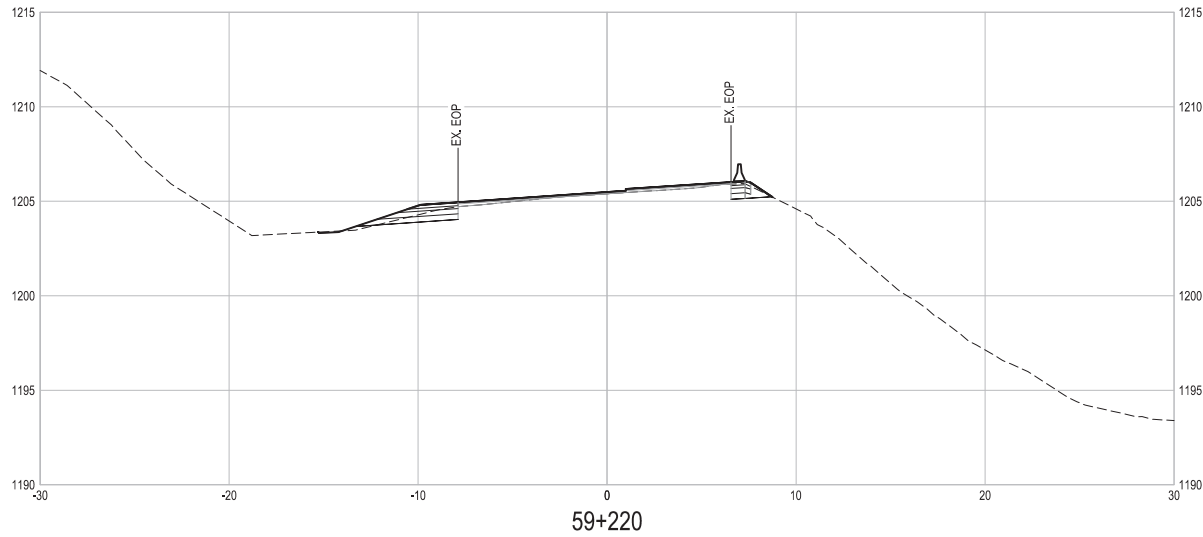
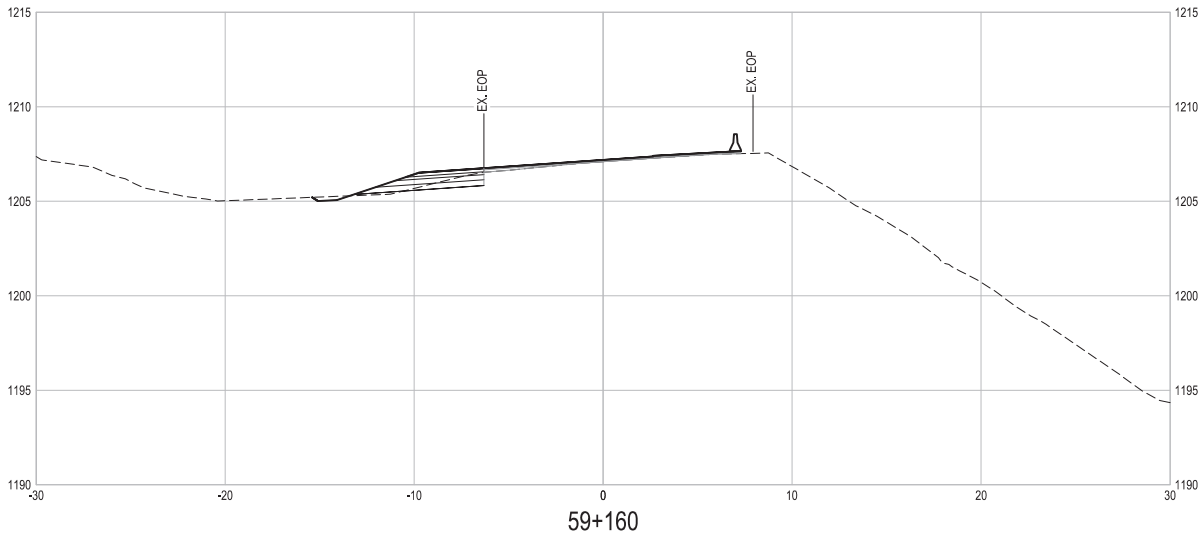
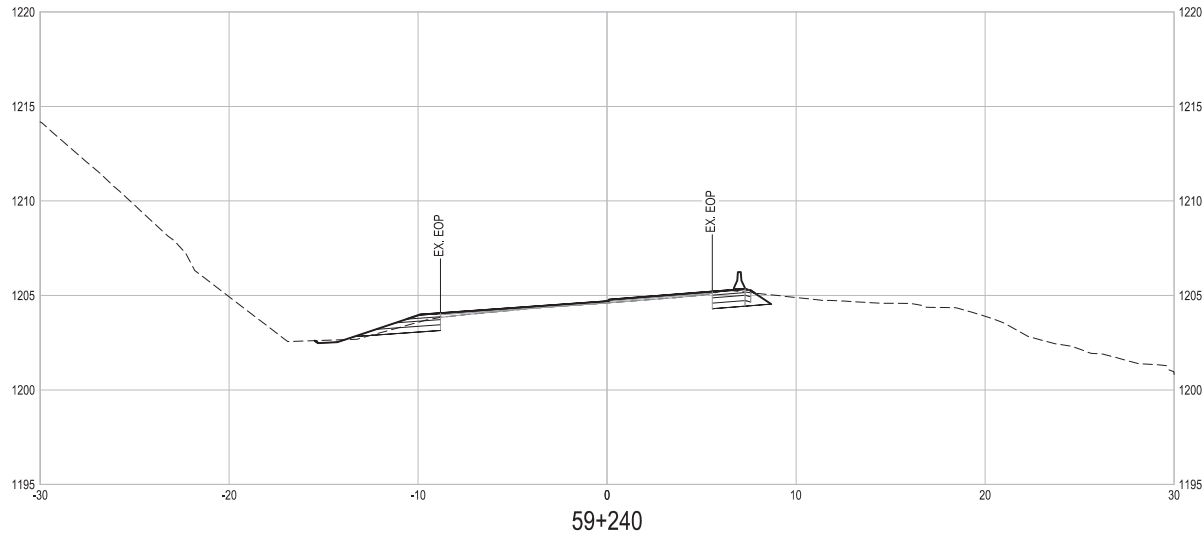
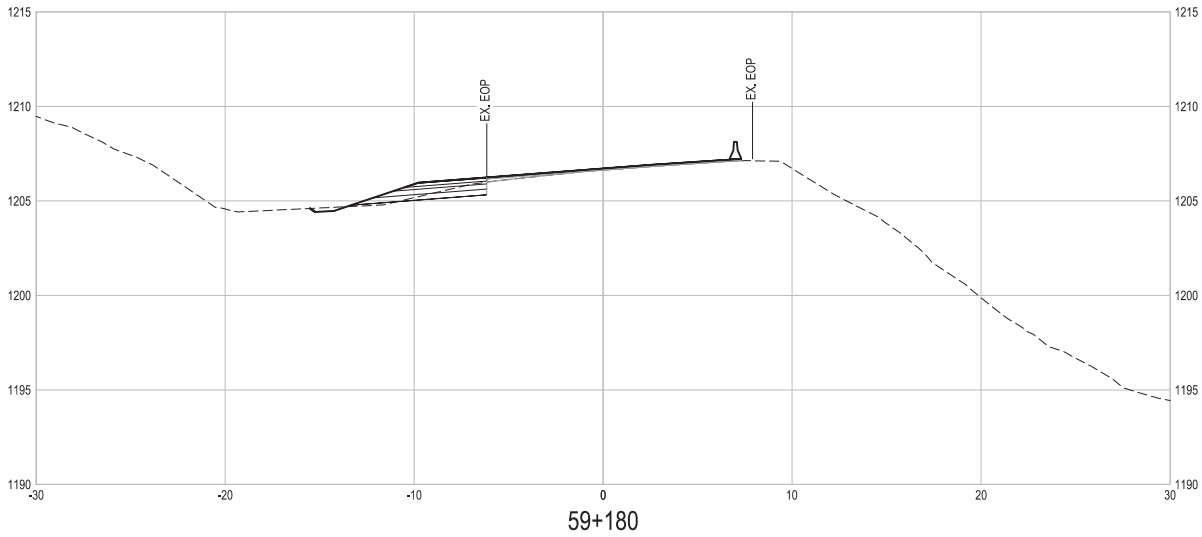
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. 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
Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg,XS-23



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

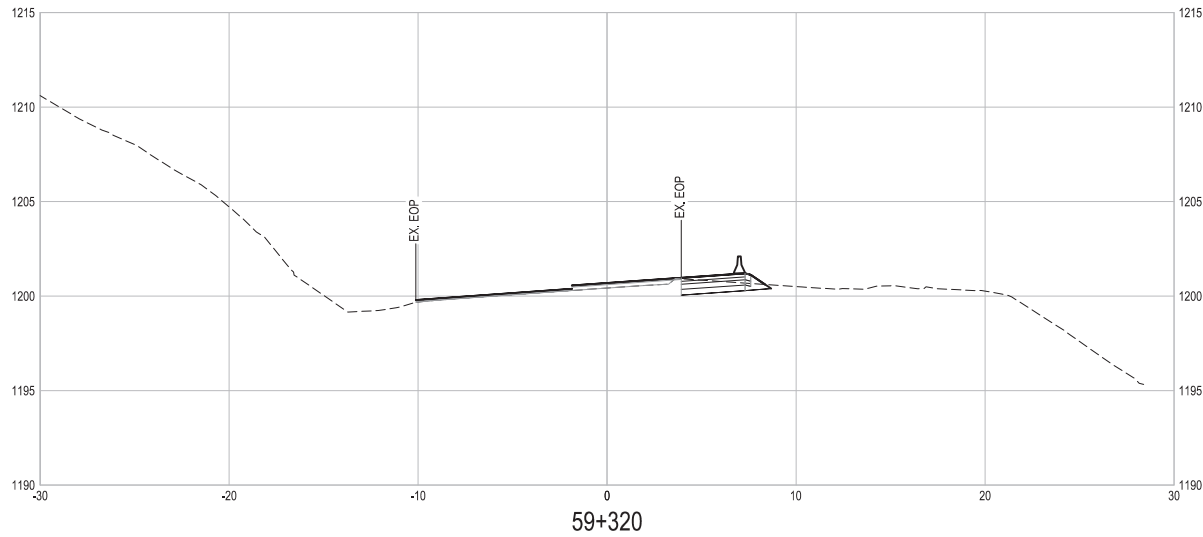
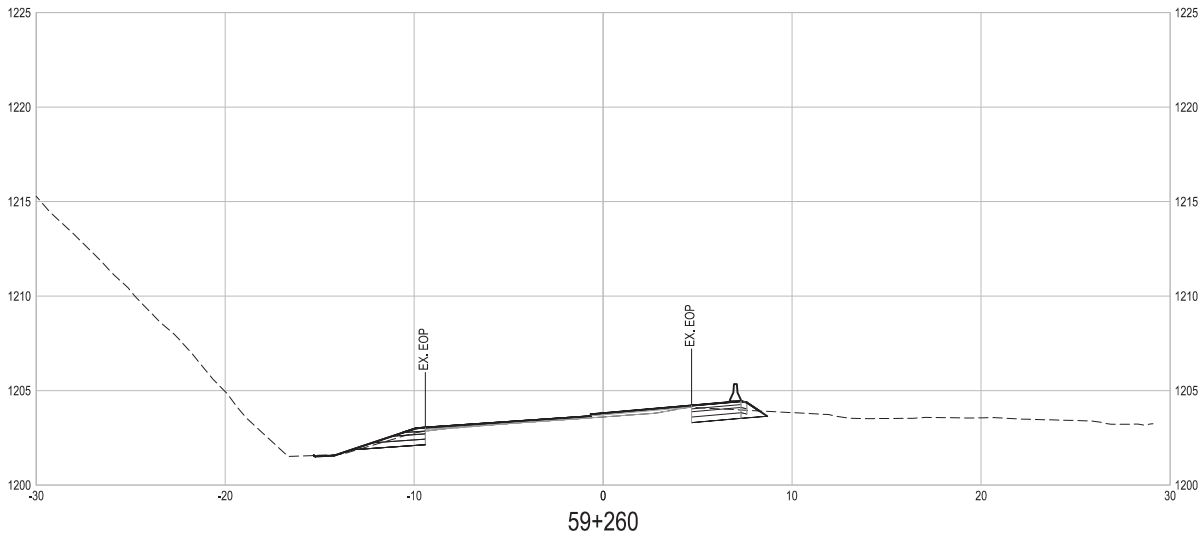
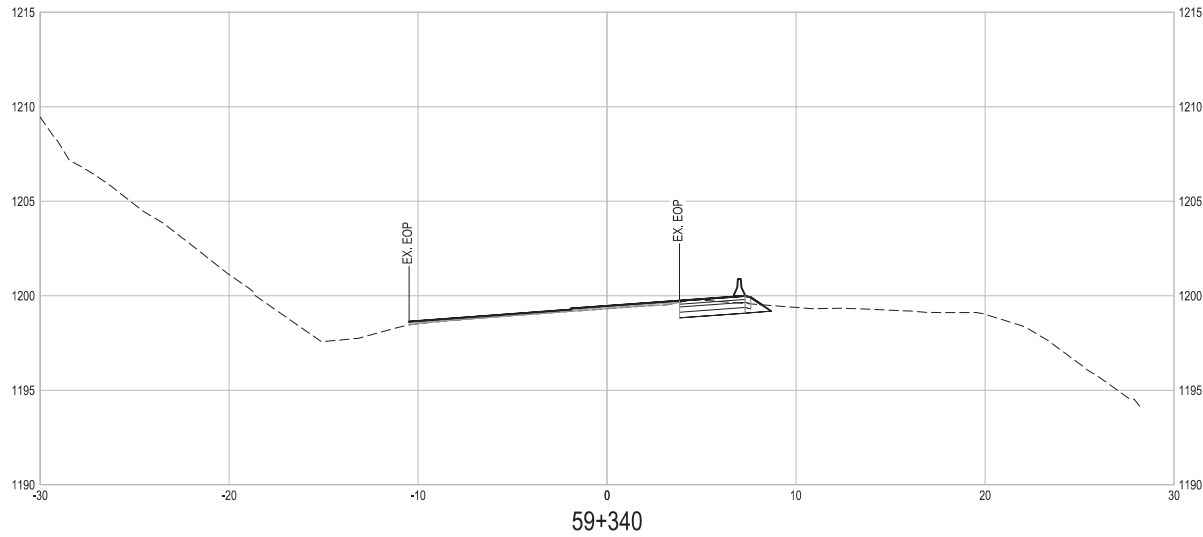
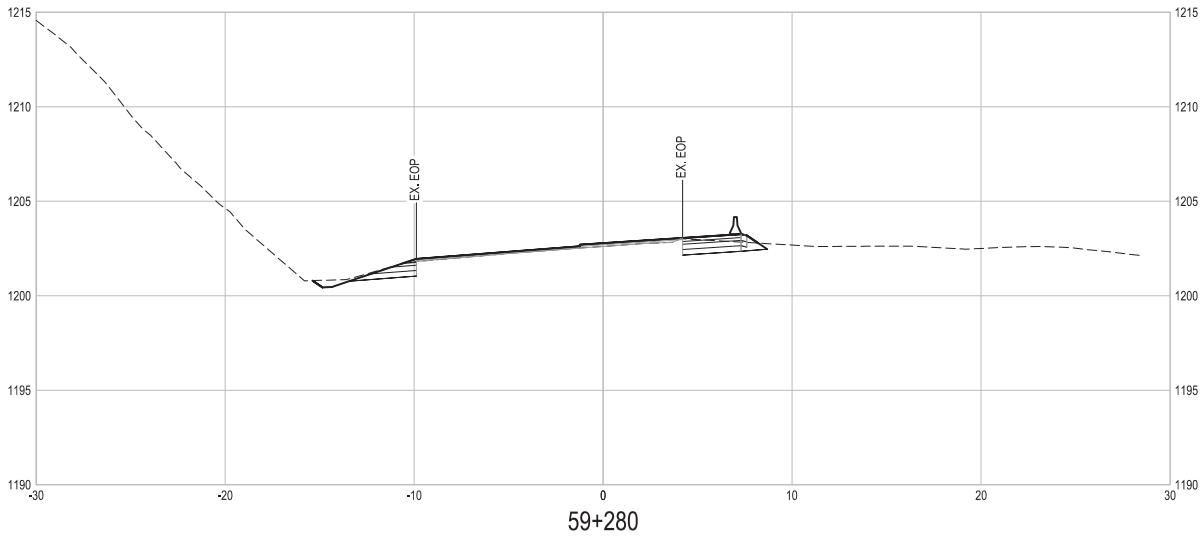
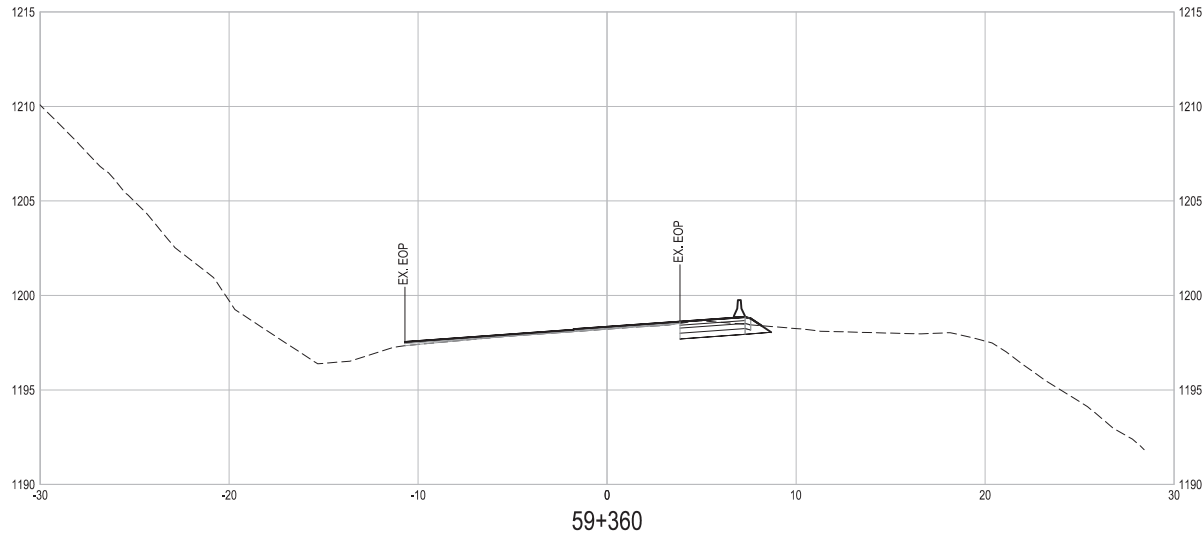
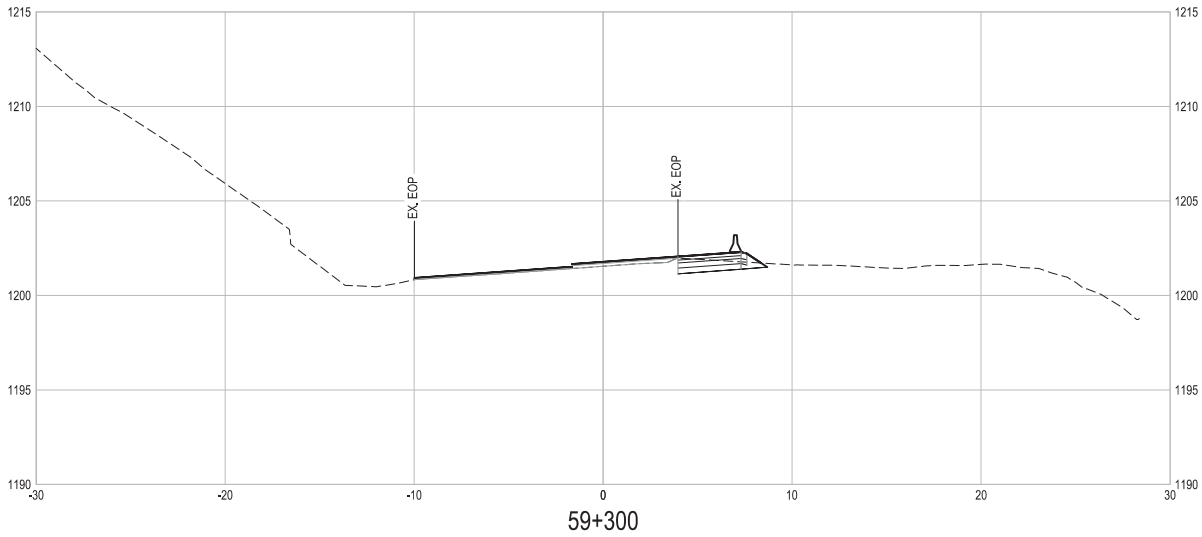
Consultant's Name Nom de l'expert-conseil


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 59+140 - 59+240

Surveyed by/Arpenté par -	Drawn by/Dessiné par RL	Date/Date 2016.03.14
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
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS23
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		of 32

Plotted: April 14, 2016, 10:10:27 Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg XS-24



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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 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 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 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

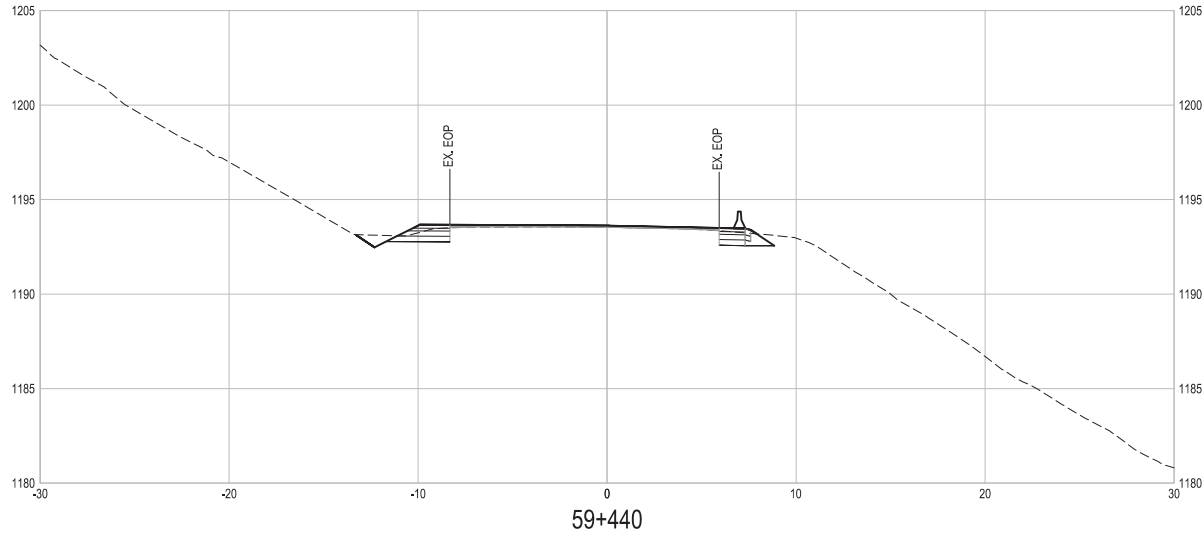
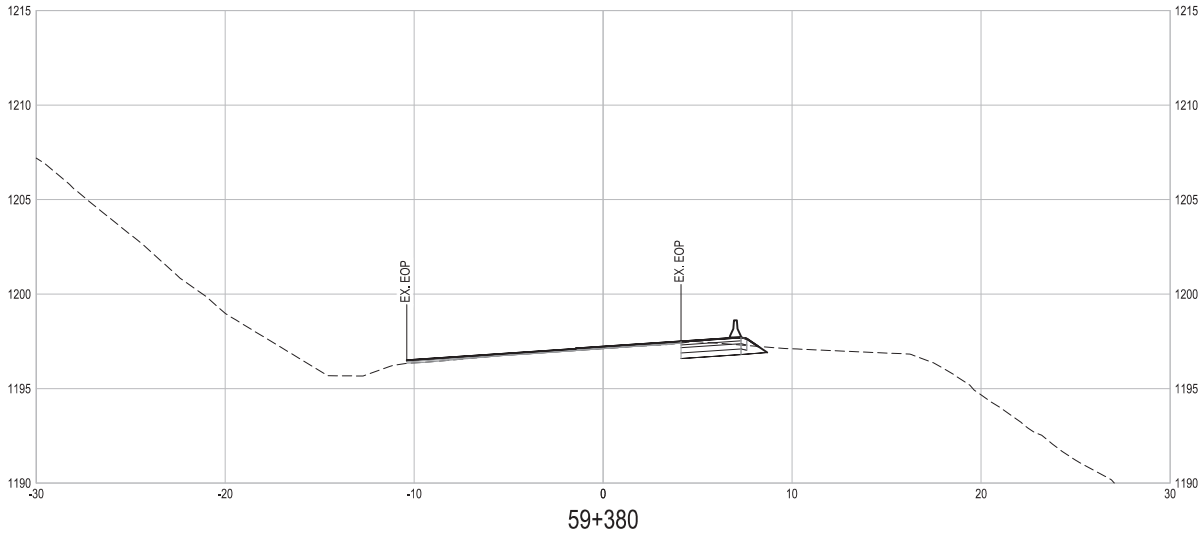
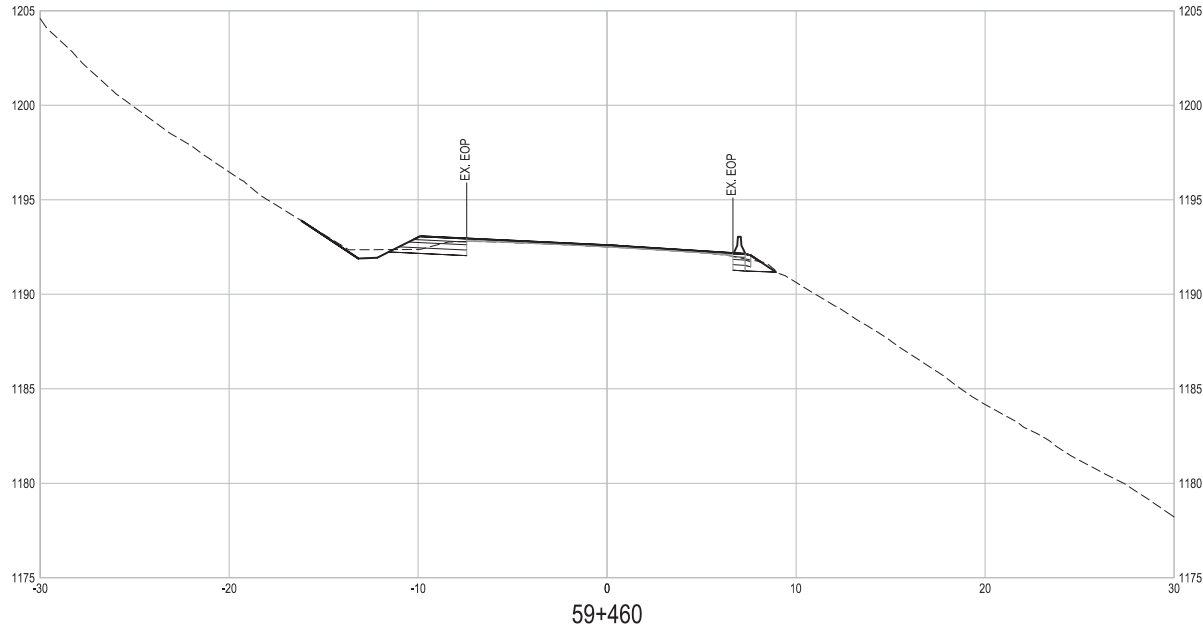
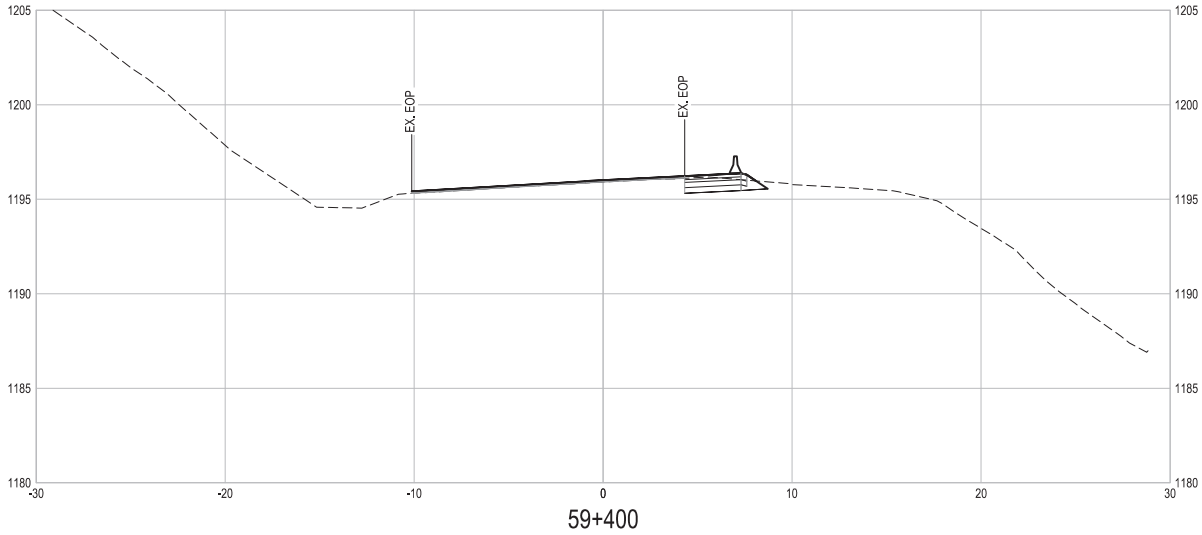
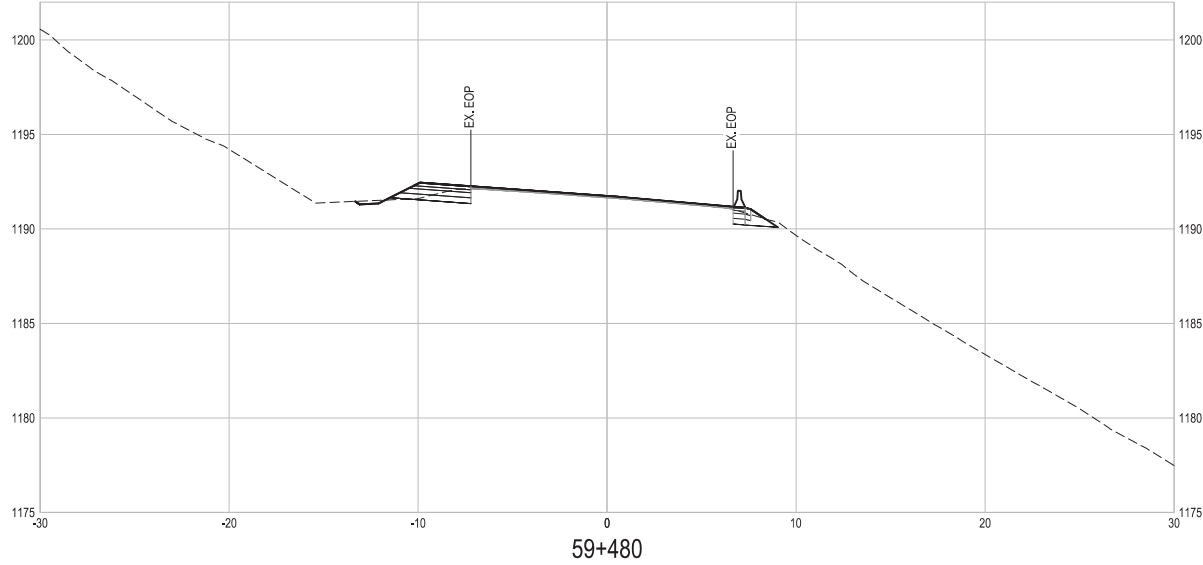
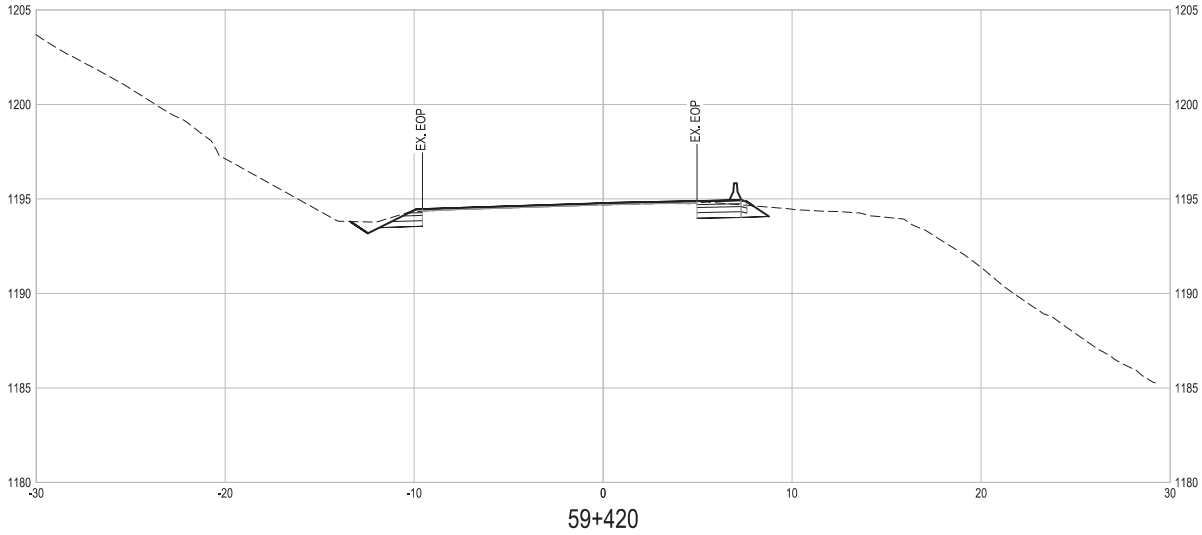
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du-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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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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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 Agence Western and Northern Region	L'Agence Parcs Canada Ouest et Nord Région
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Consultant's Name Nom de l'expert-conseil	
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Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK
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Drawing title/Titre du dessin	CROSS SECTIONS CLIMBING LANE STA 59+380 - 59+480
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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

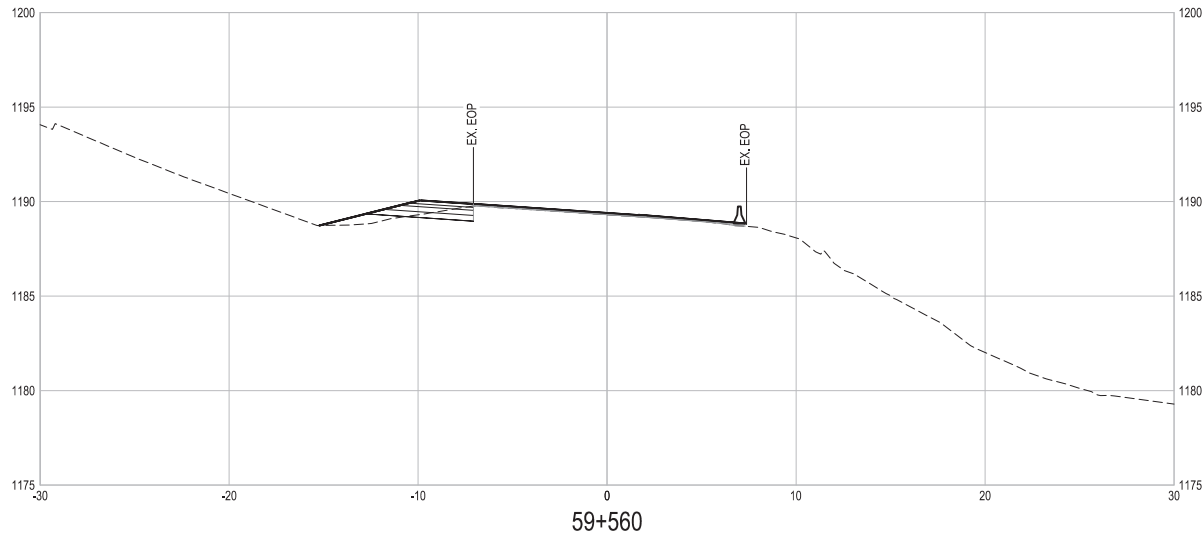
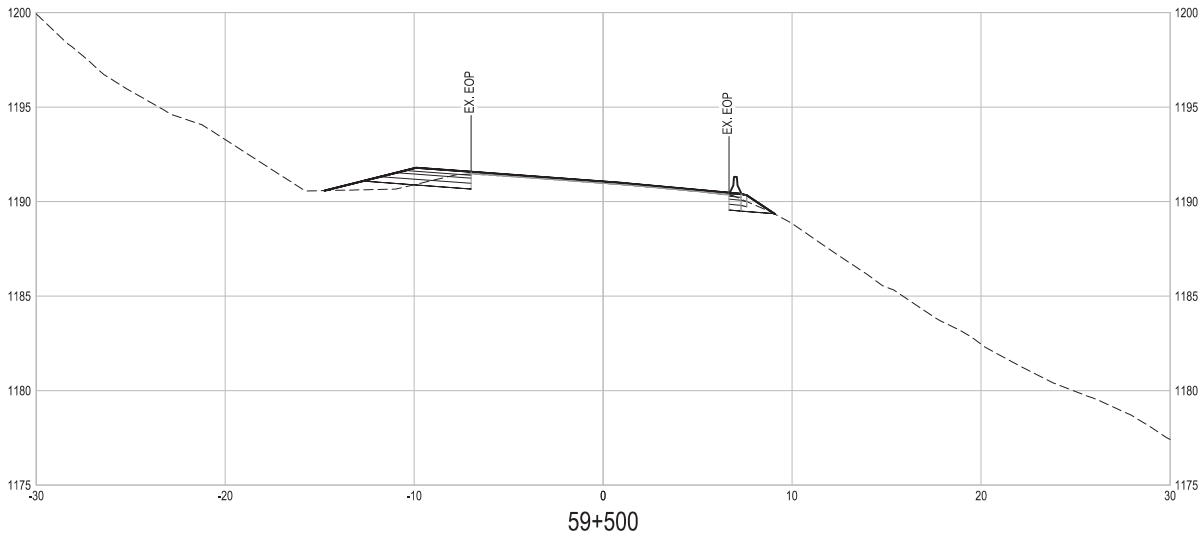
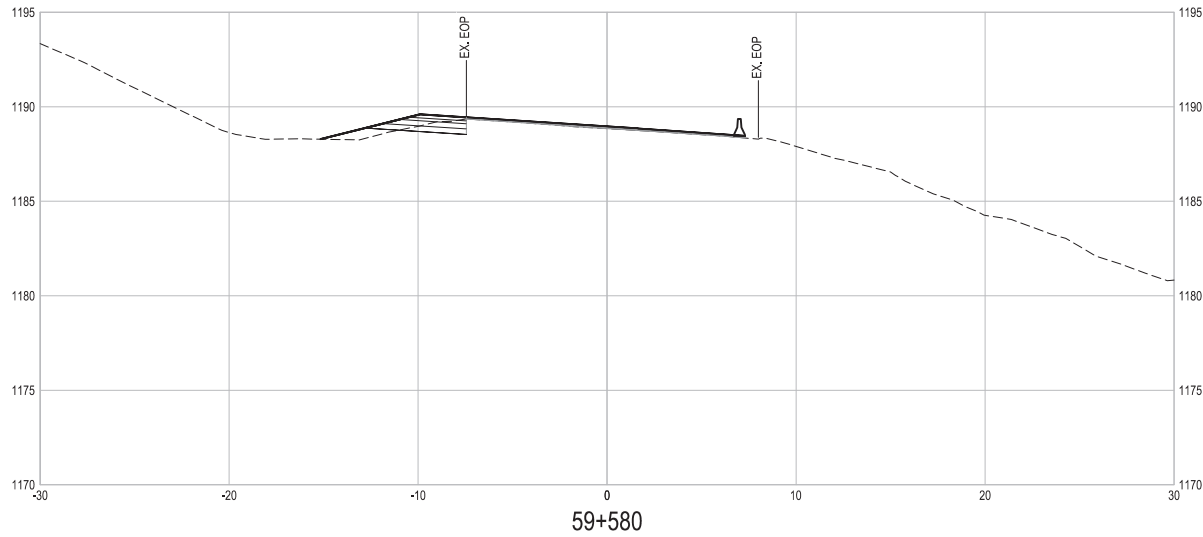
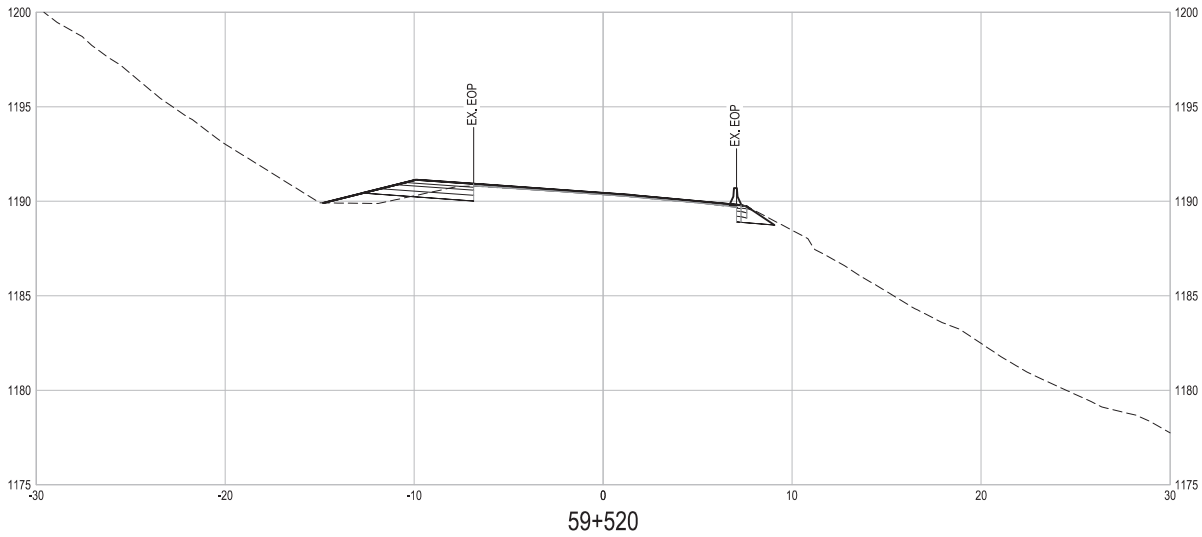
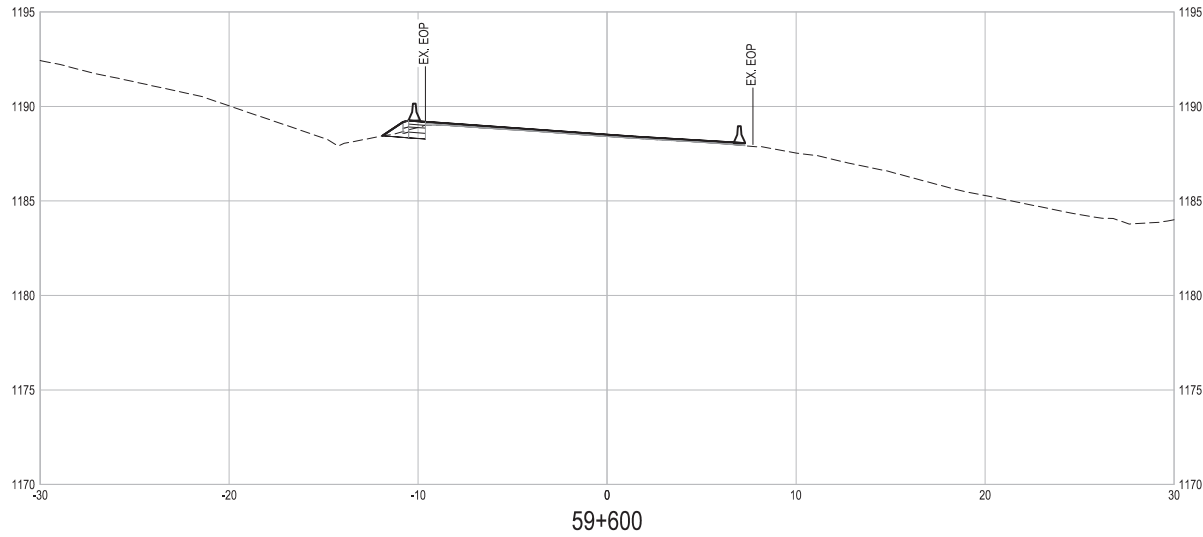
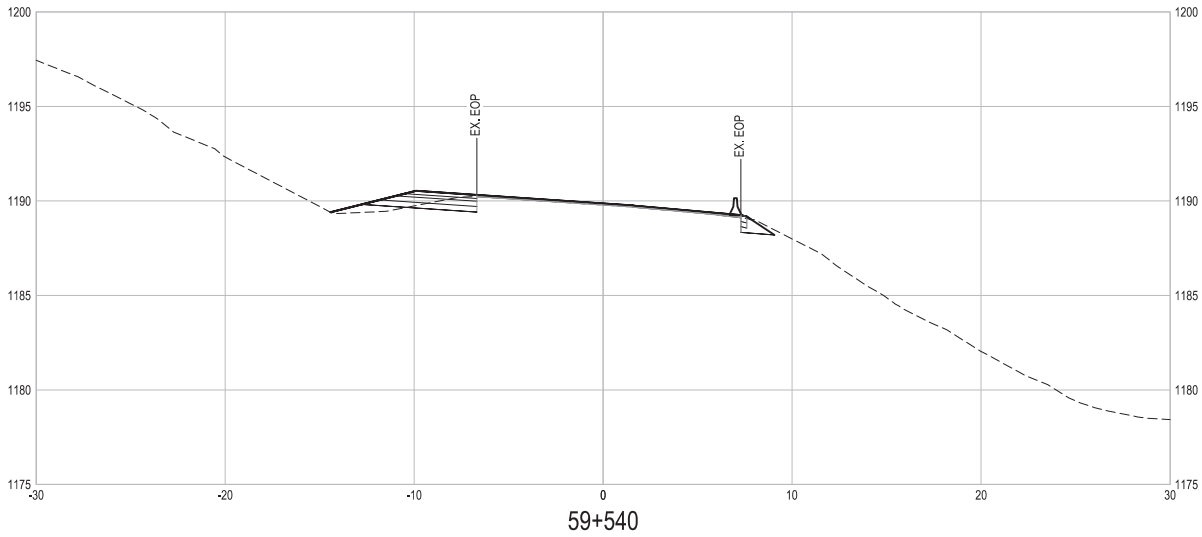
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project 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 Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg\XS-26



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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 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

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

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

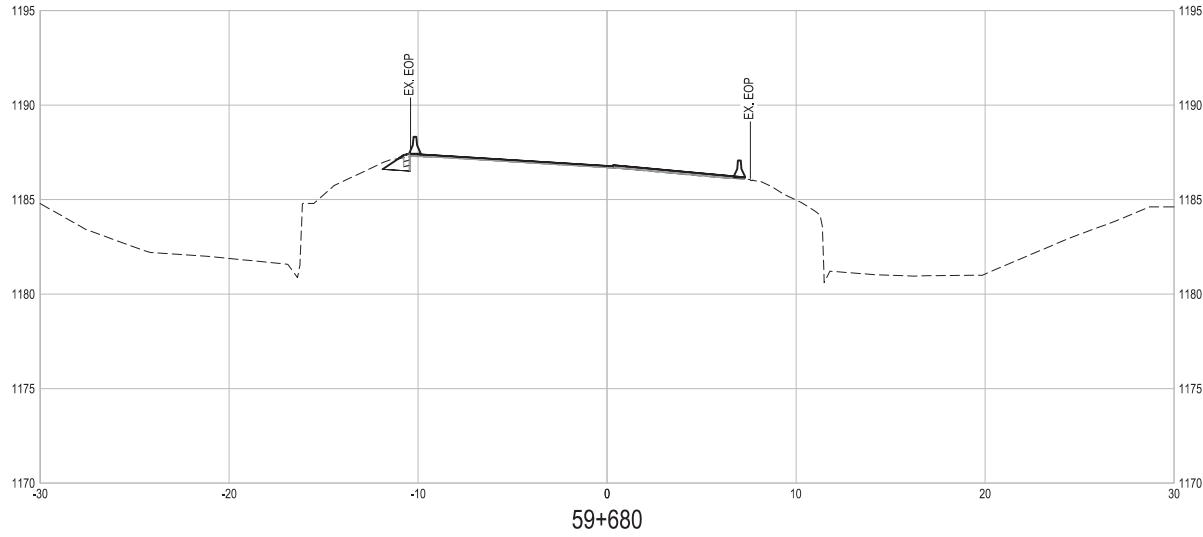
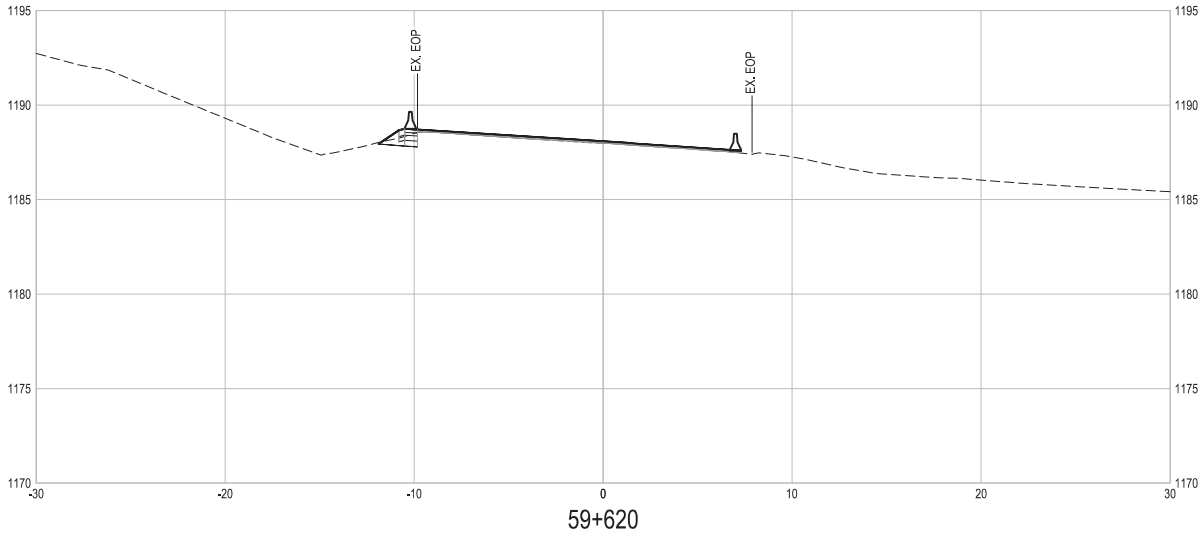
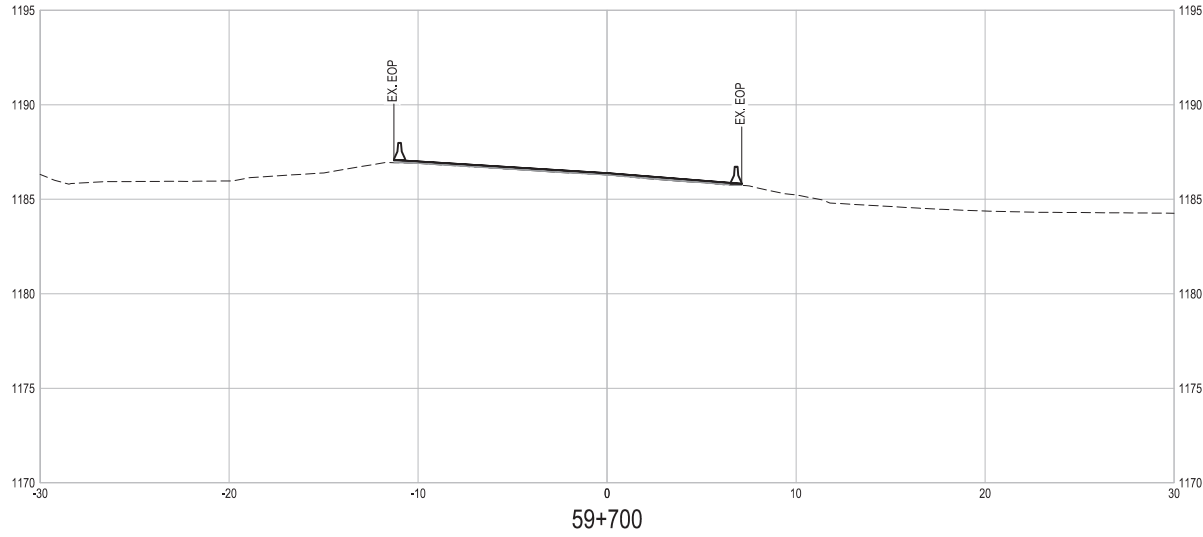
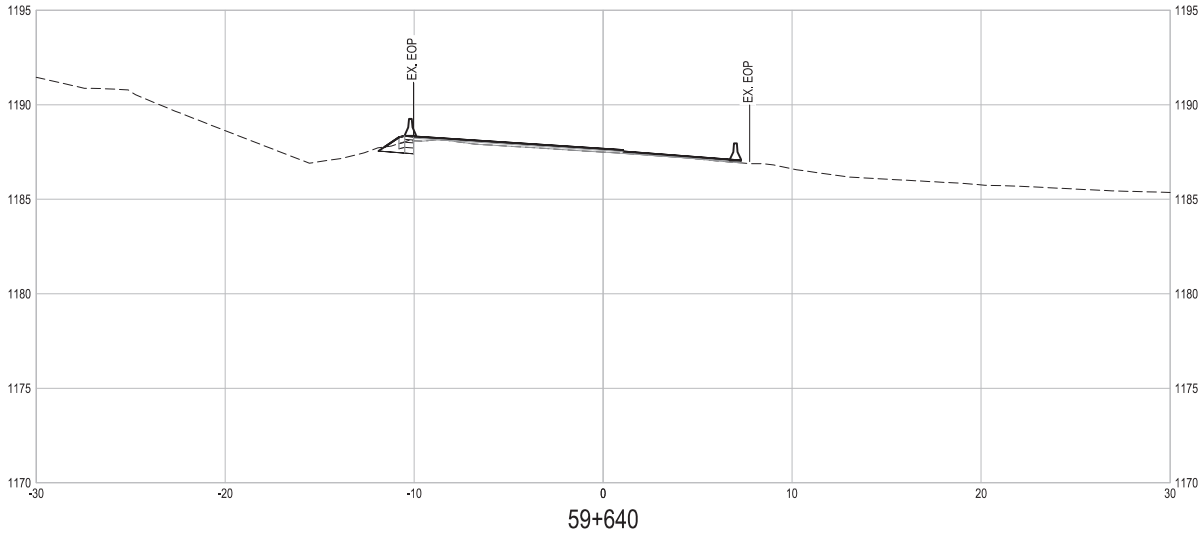
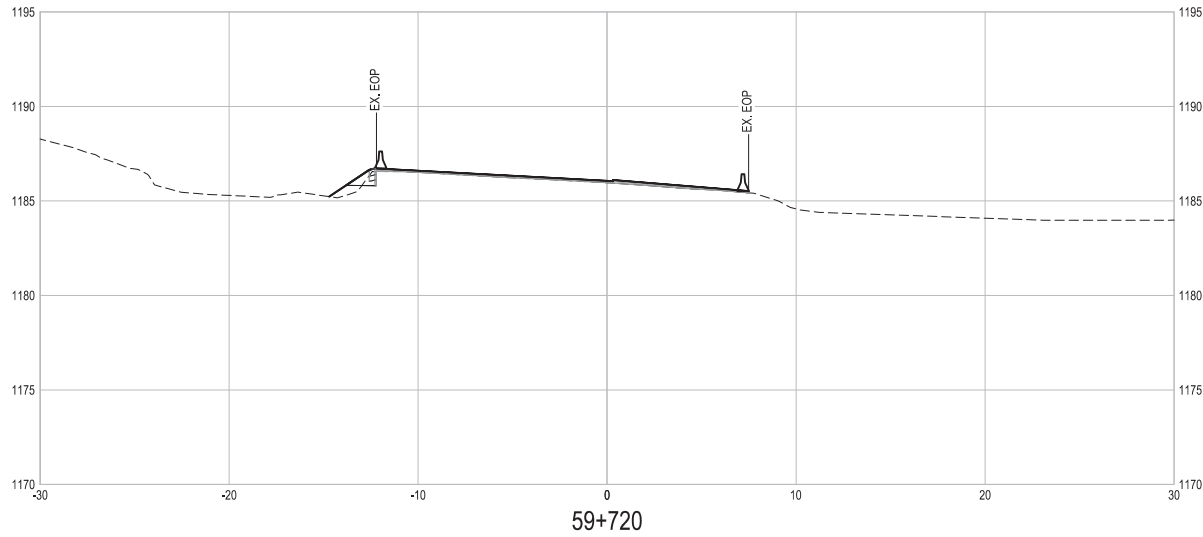
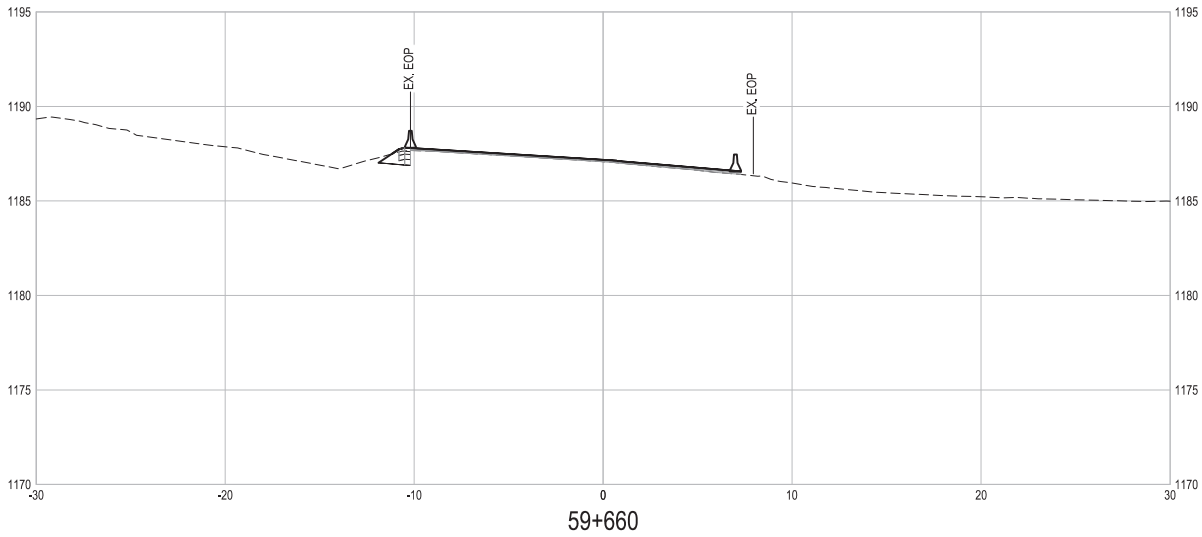
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Responsable Parcs Canada

Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS26
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Drawing Reference No./No. de référence du dessin 2121-00202-00-C3	of 32
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Plotted: April 14, 2016, 10:11:57



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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.



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

CROSS SECTIONS
CLIMBING LANE

STA 59+620 - 59+720

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

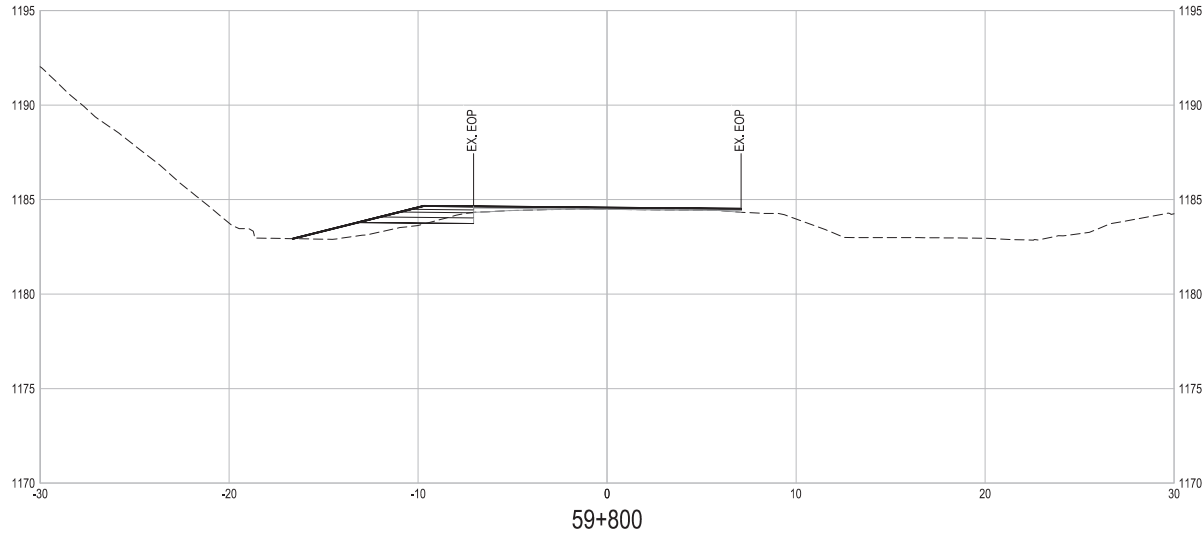
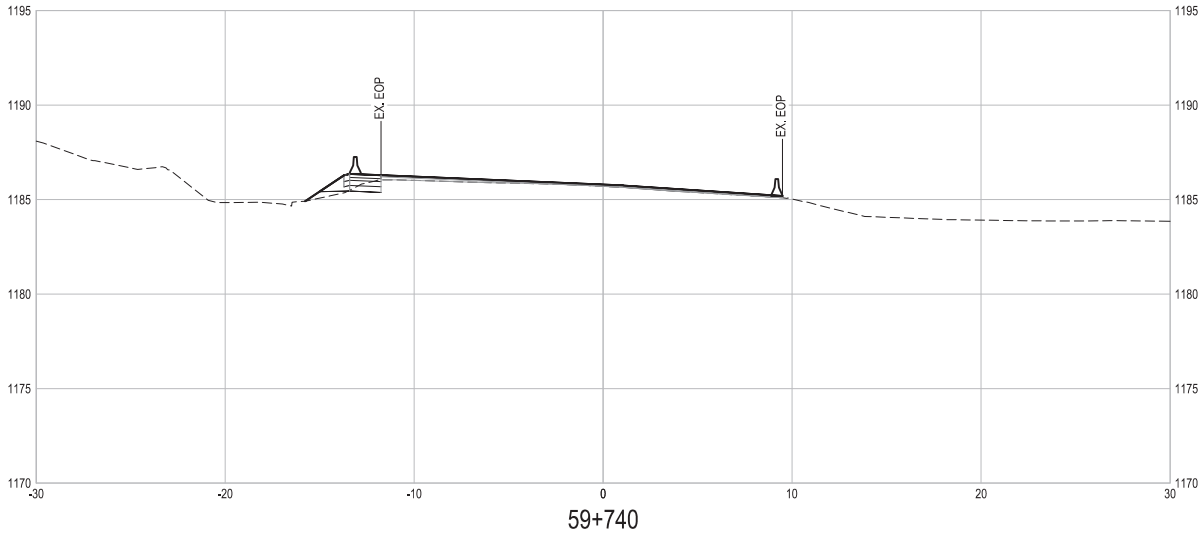
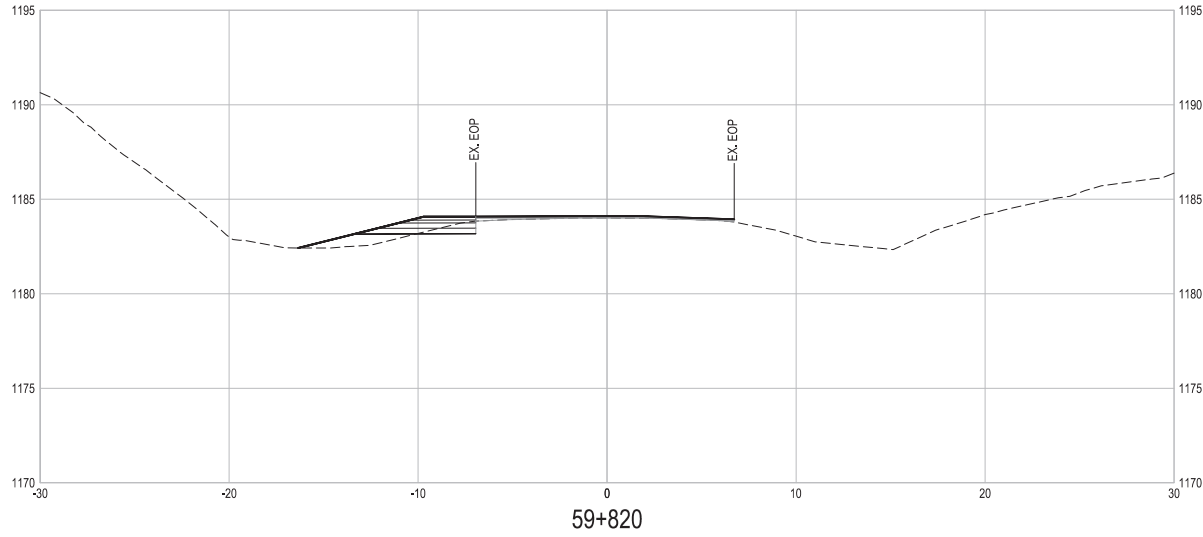
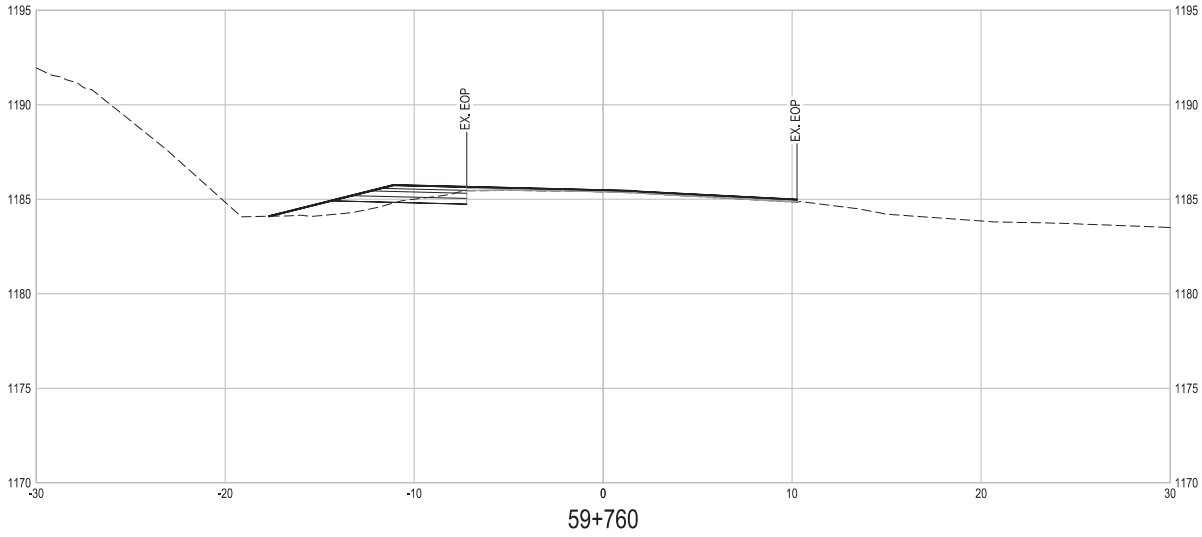
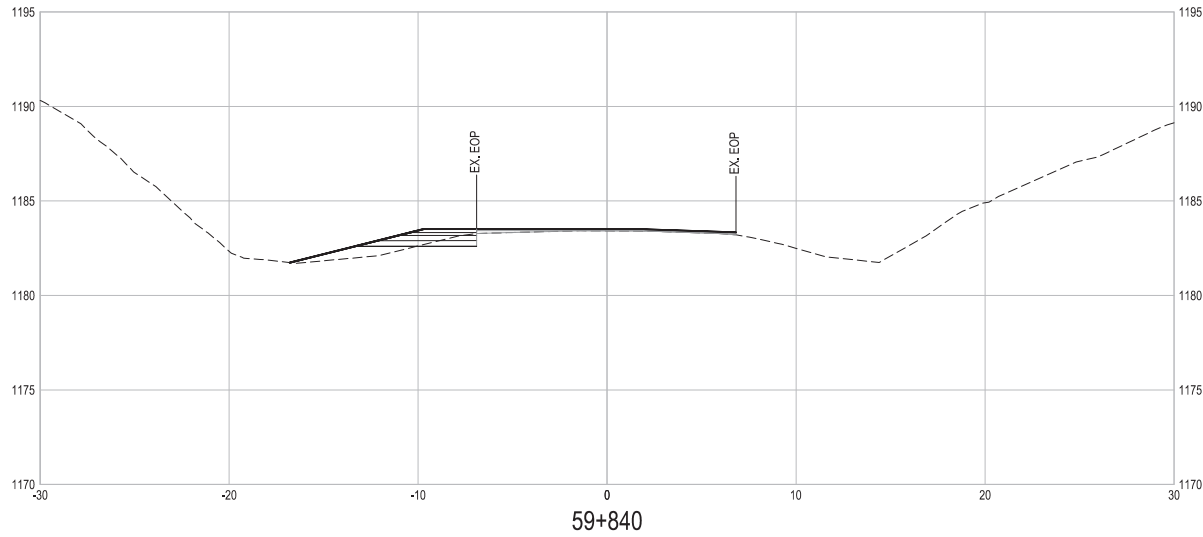
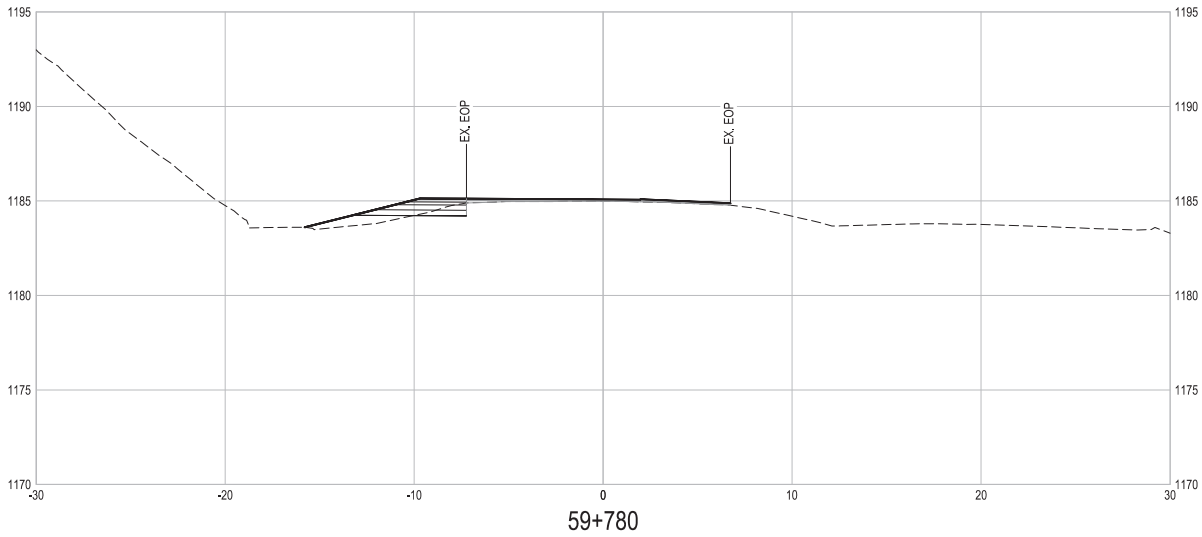
Client Acceptance/Acceptation du client	Approved by/Approuvé par
Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS27

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

of 32

Plotted: April 14, 2016, 10:12:27 Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg XS 28



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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

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
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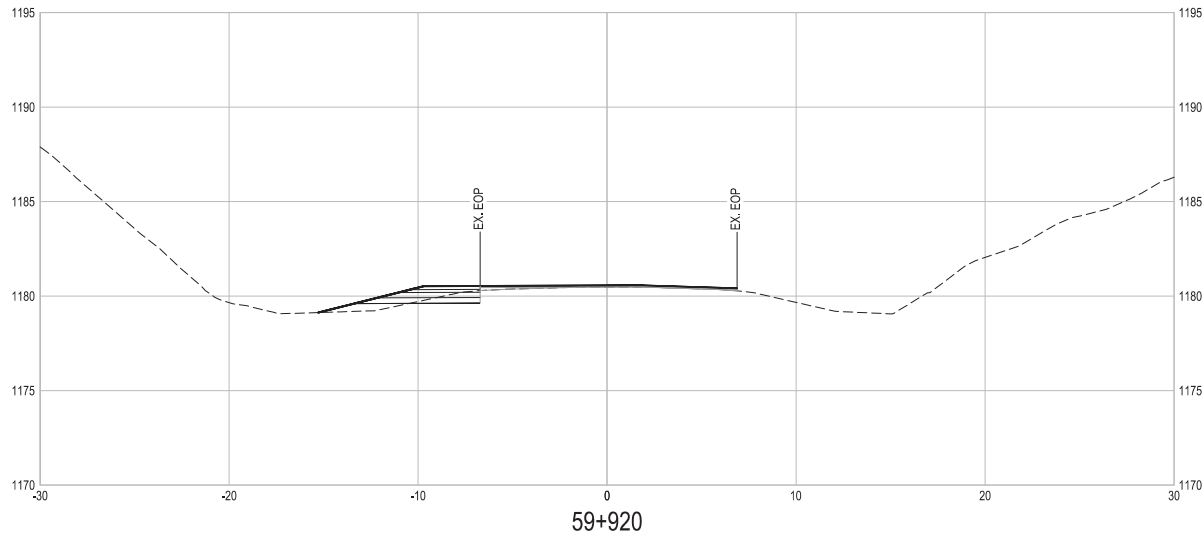
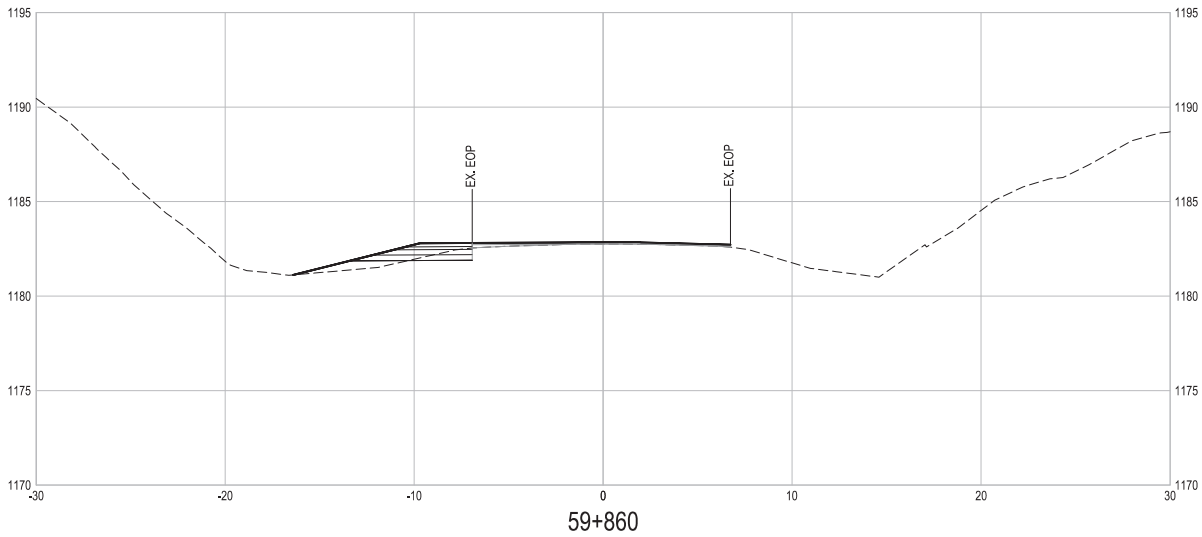
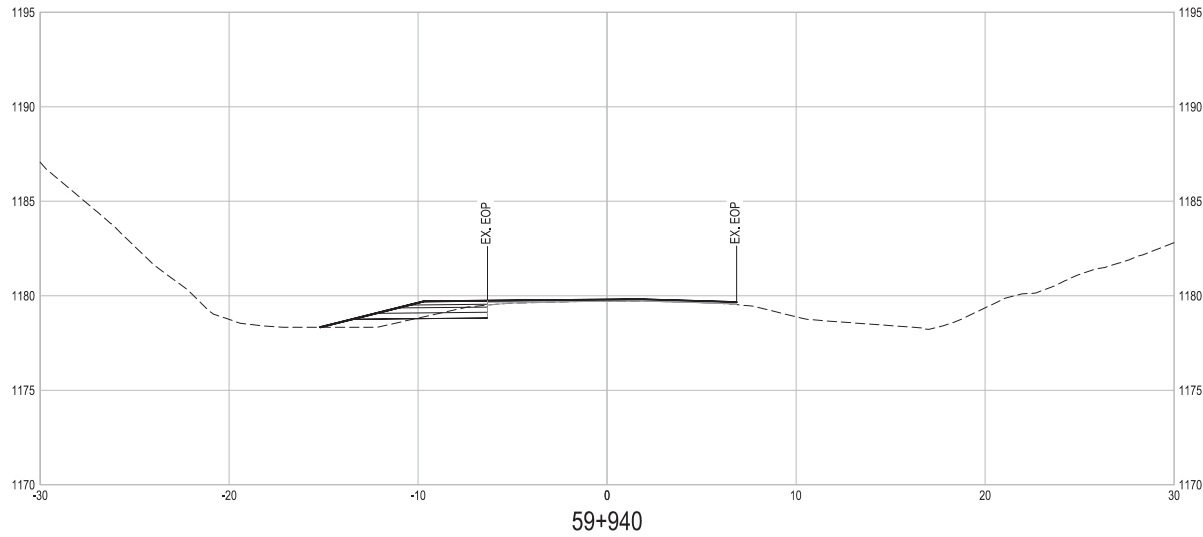
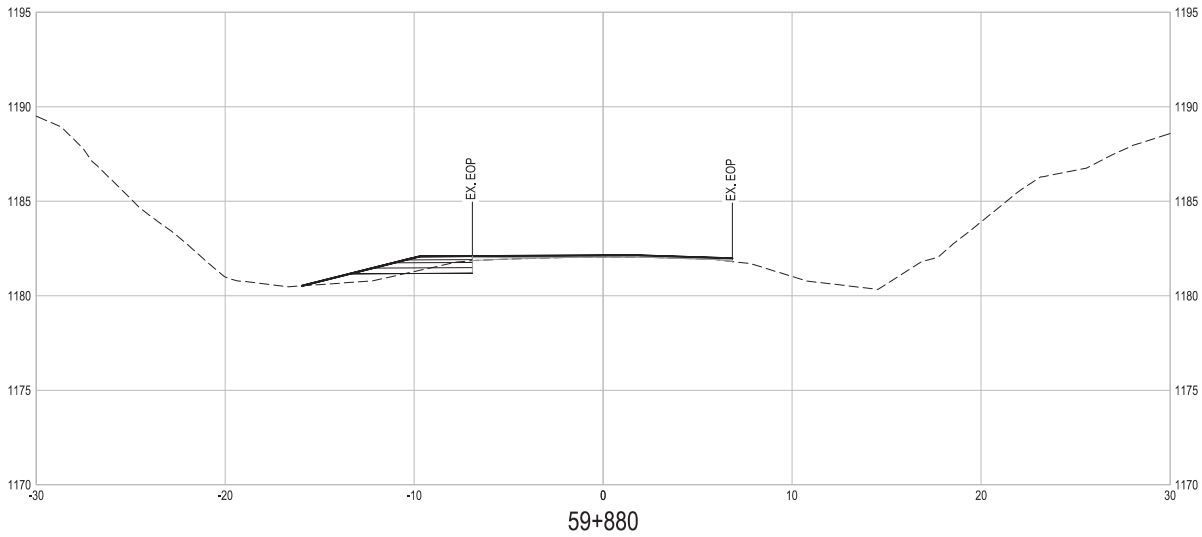
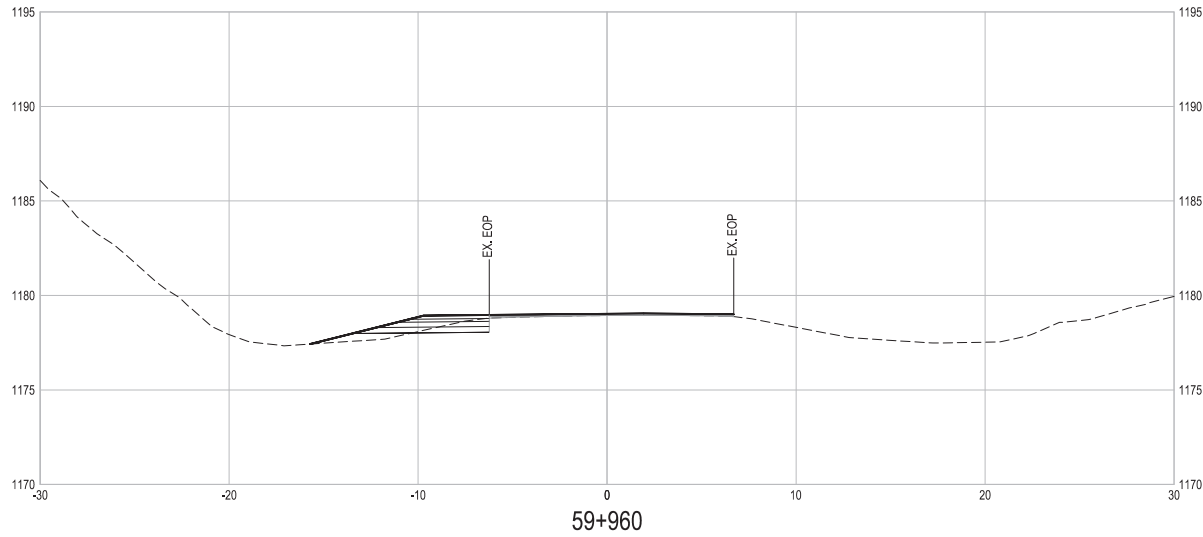
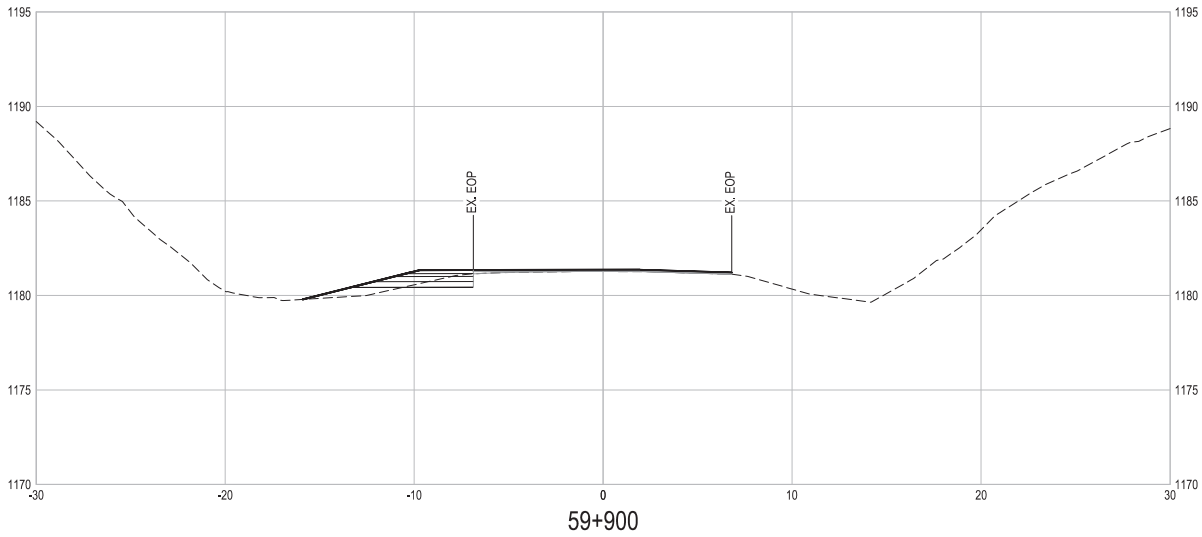
Parks Canada Responsible Officer/Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS28

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

of 32

Plotted: April 14, 2016, 10:2:57
Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg,XS-29



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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

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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

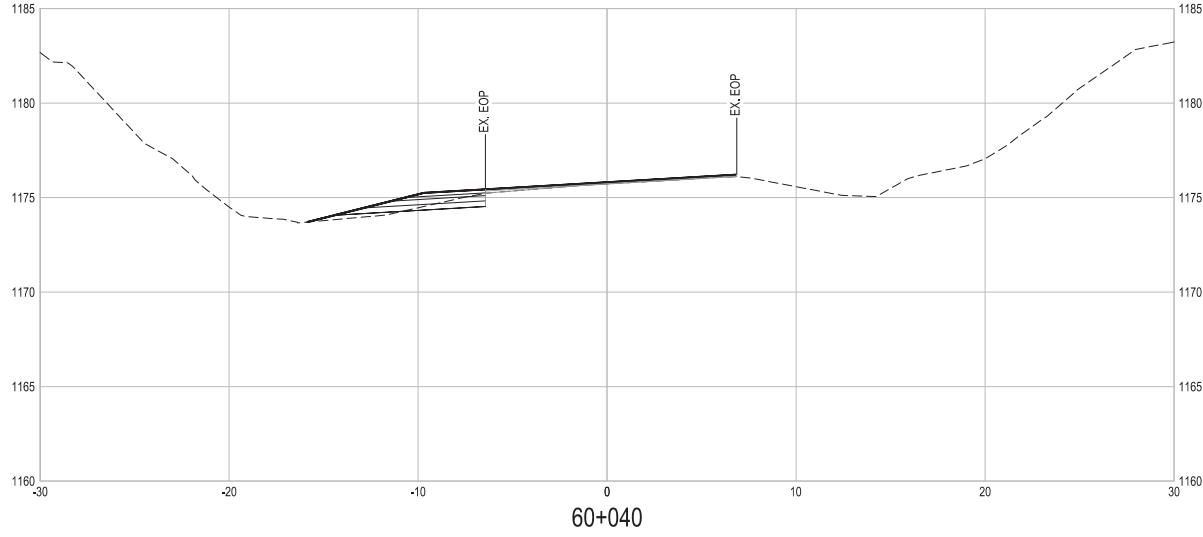
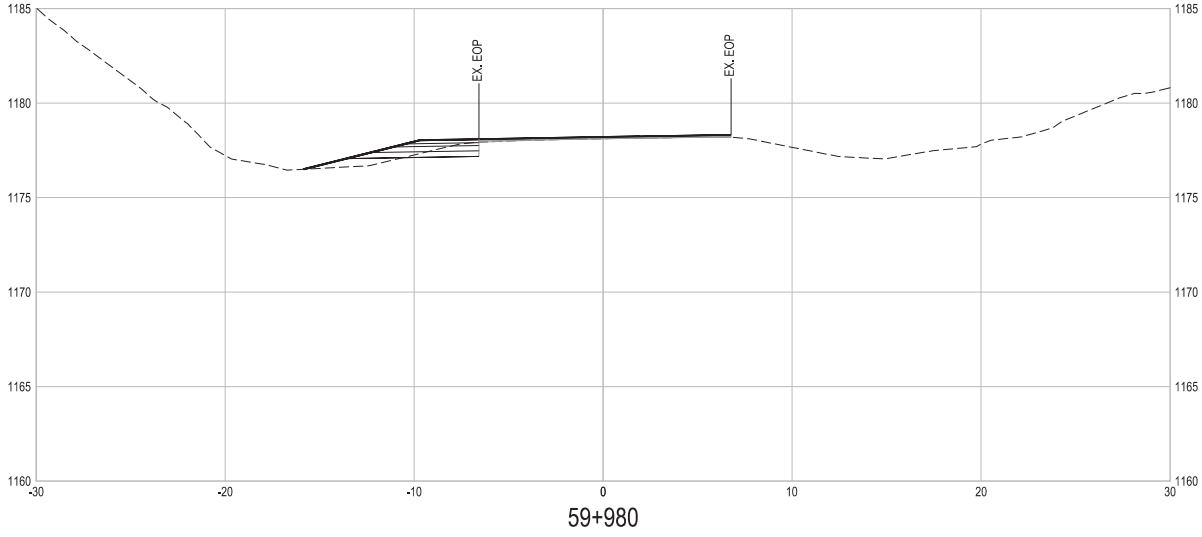
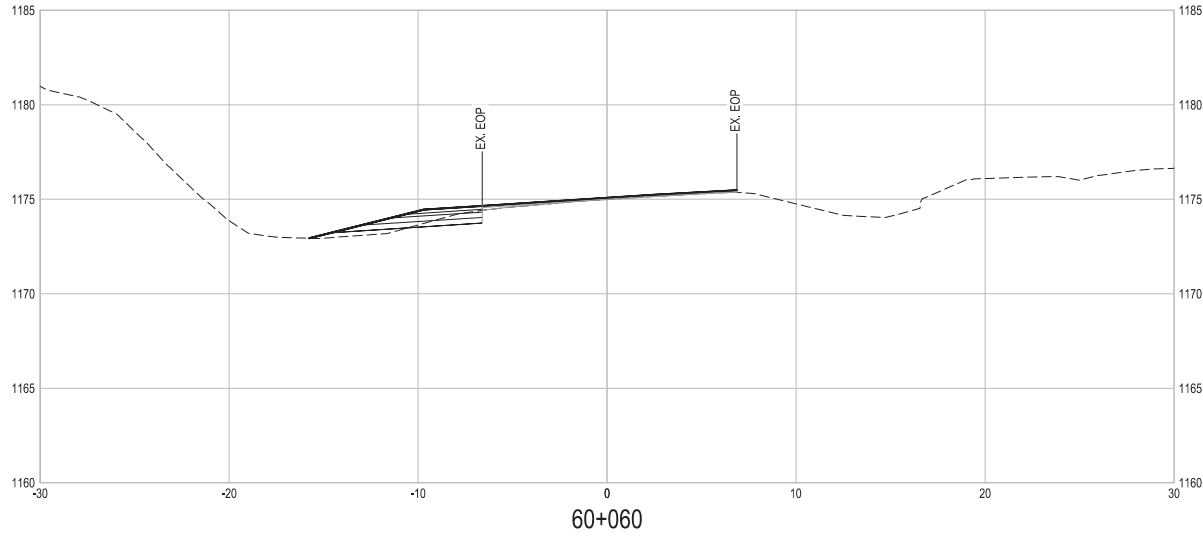
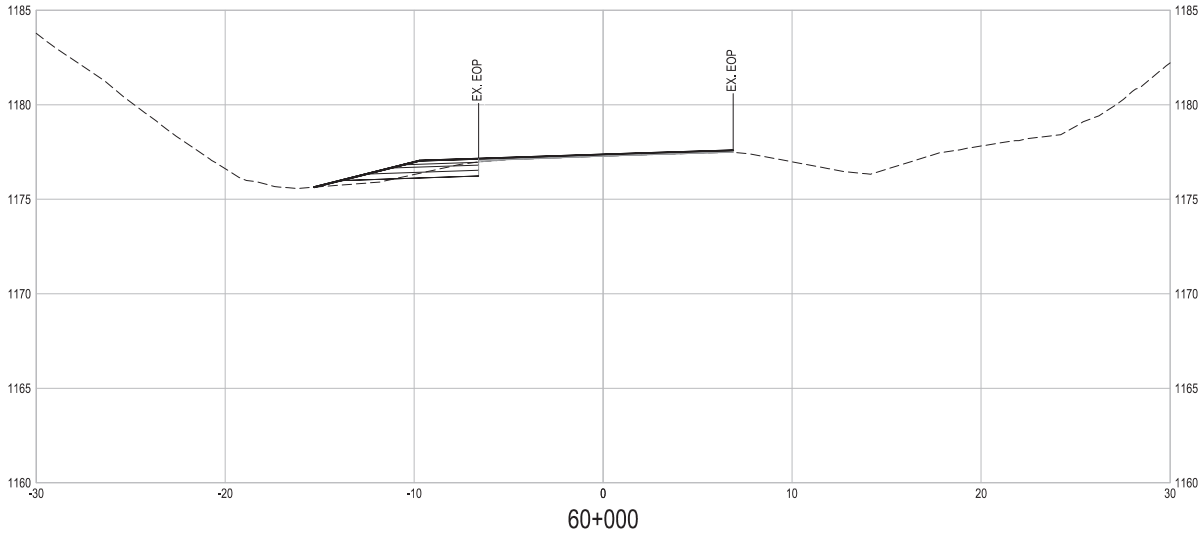
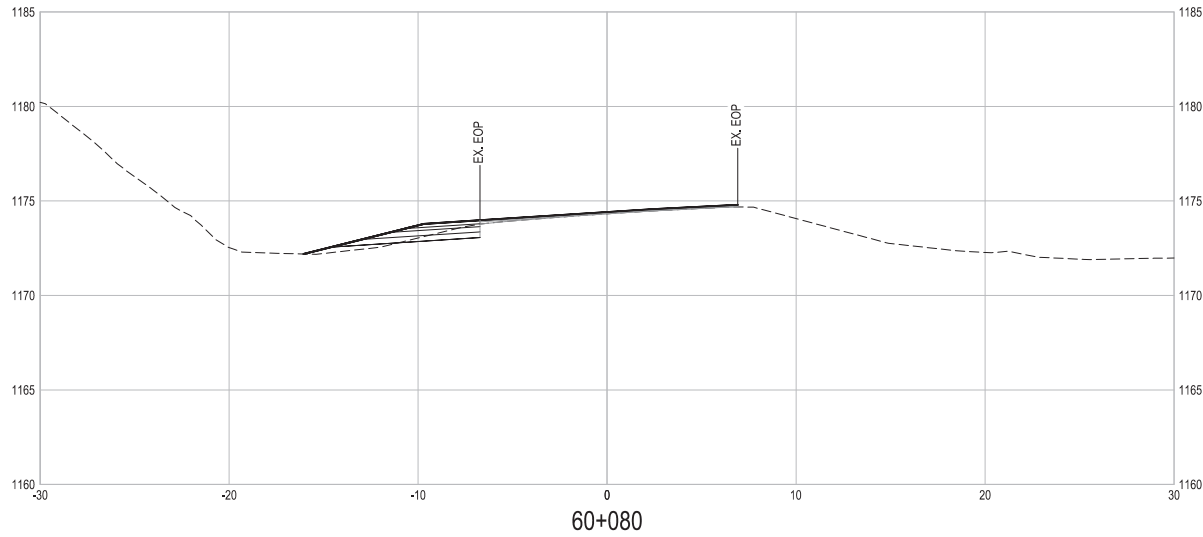
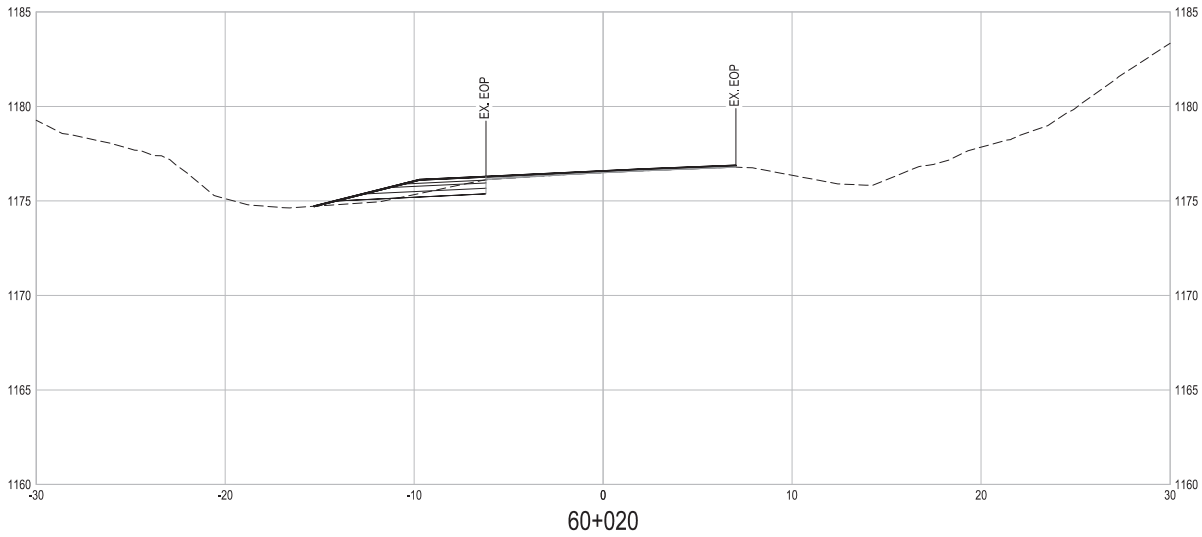
Consultant's Name Nom de l'expert-conseil


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 RL	Date/Date 2016.03.14
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	
Parks Canada Responsible Officer/Agent Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS29
Drawing Reference No./No. de référence du dessin 2121-00202-00-C3		of 32

Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Sheets\00202-C3-XSEC.dwg; XS-30
Plotted: April 14, 2016, 10:13:26



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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	
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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


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

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

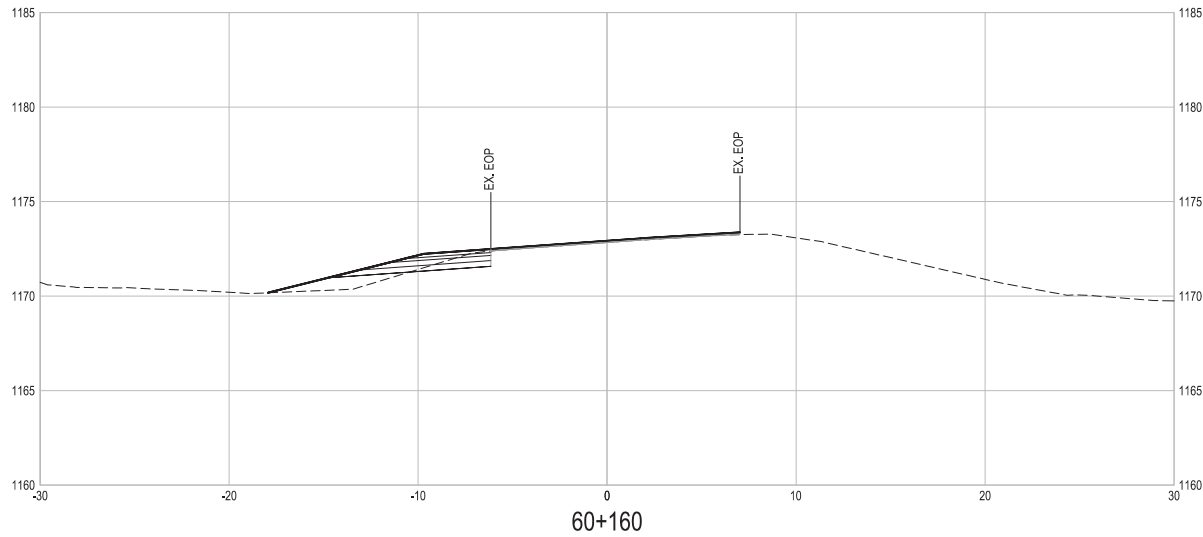
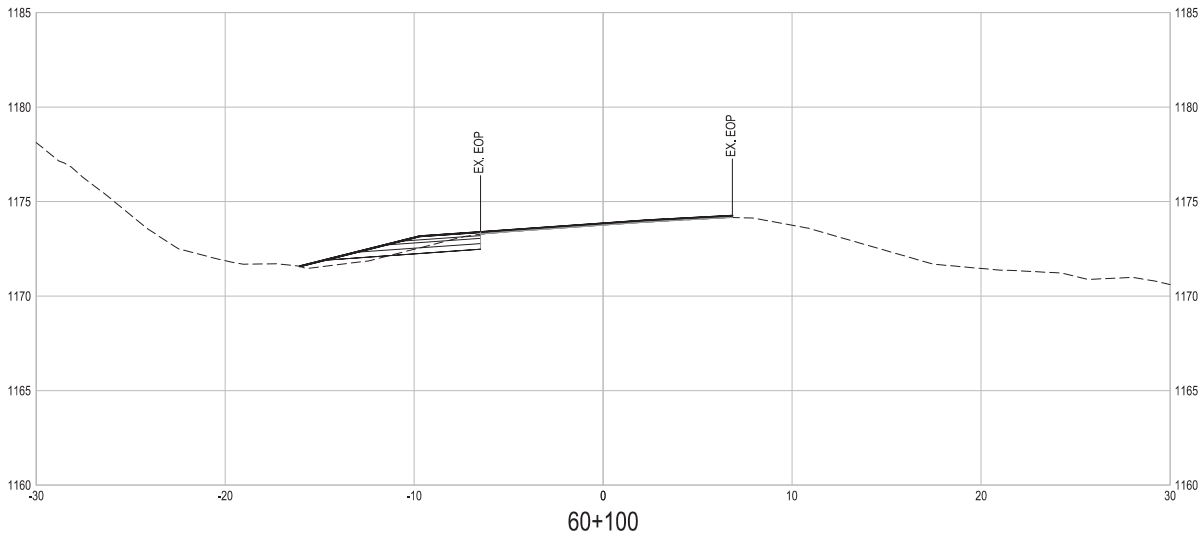
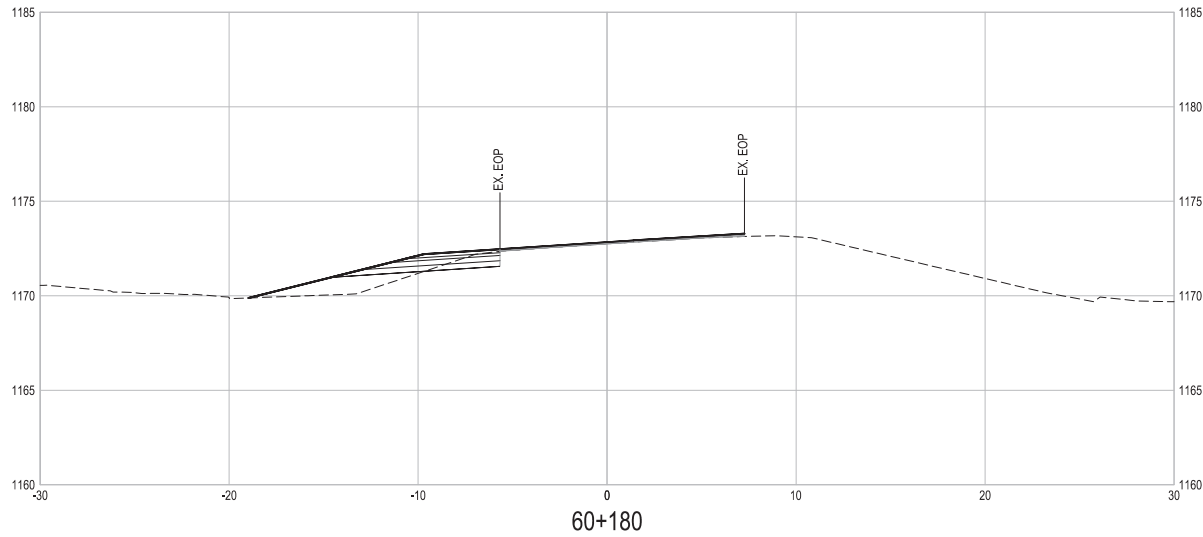
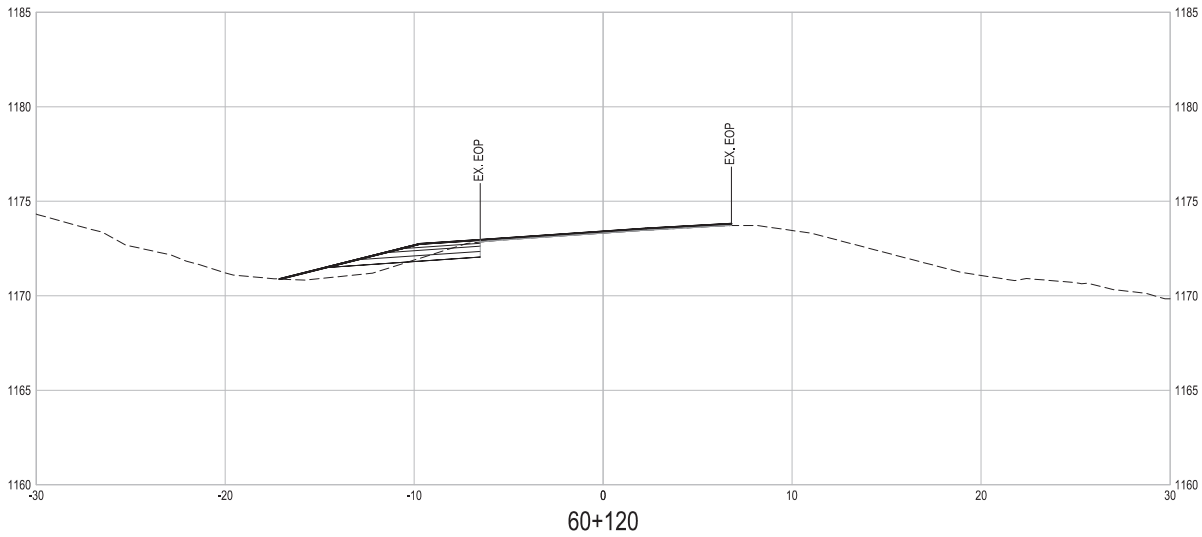
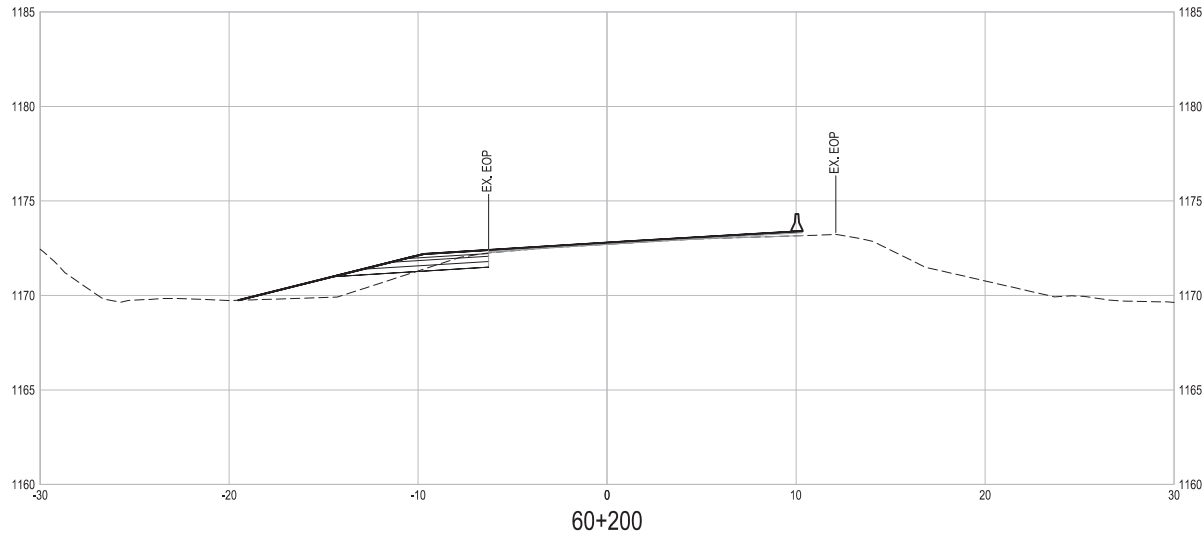
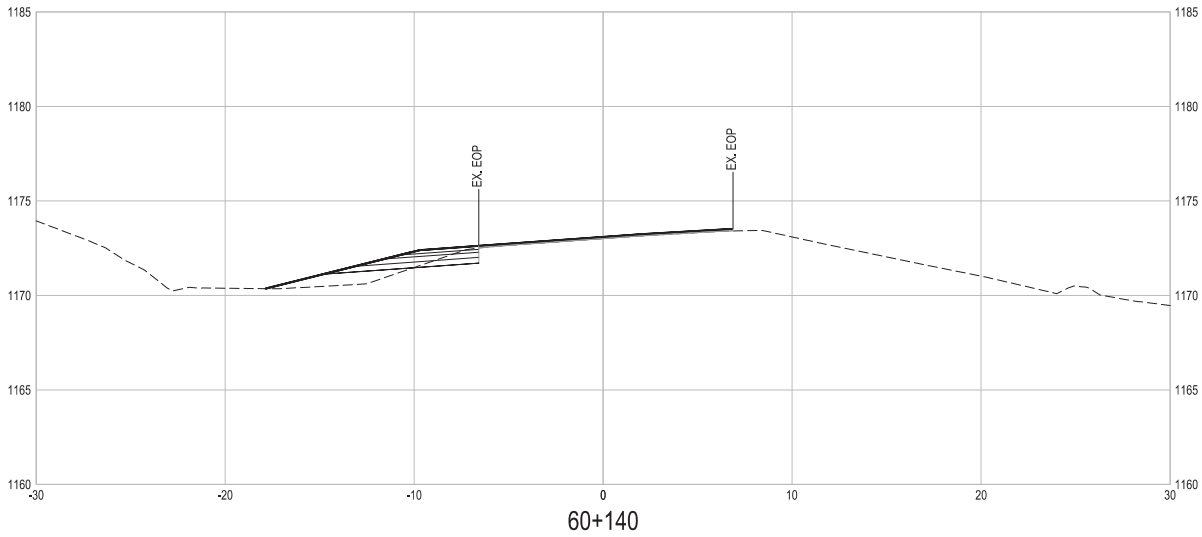
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS30 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

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
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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 60+100 - 60+200

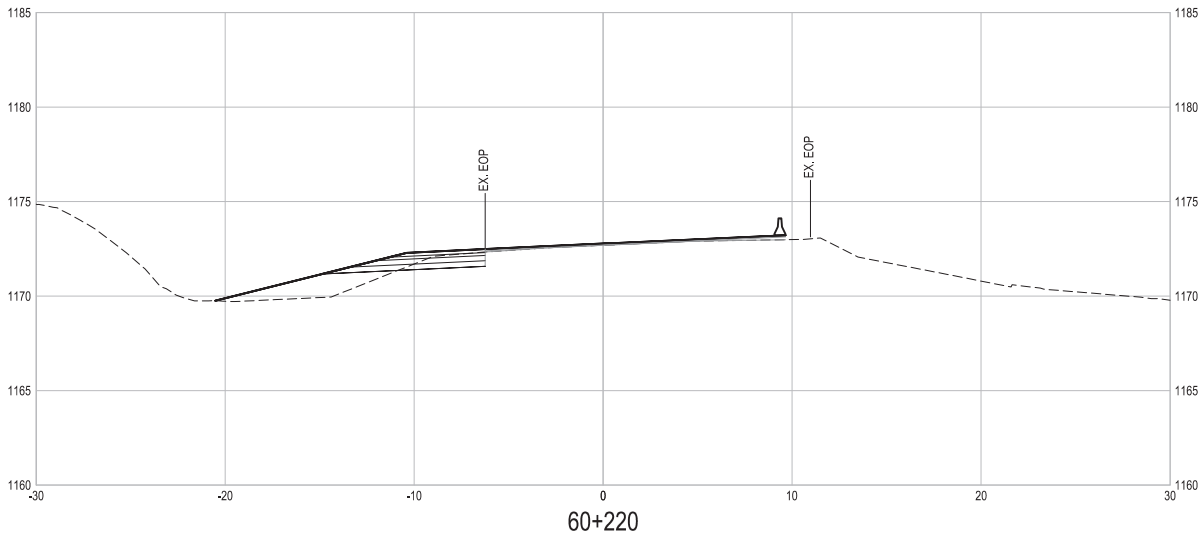
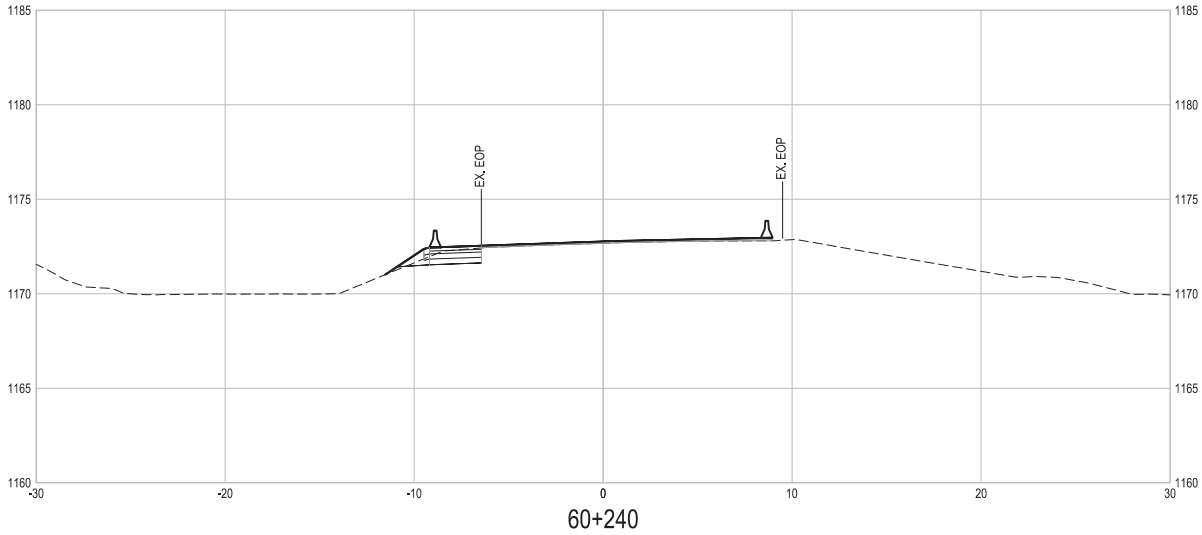
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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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
Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS31
Drawing Reference No./No. de référence du dessin		of 32
2121-00202-00-C3		

Plotted: April 14, 2016, 10:42:26
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

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 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 60+220 - 60+240

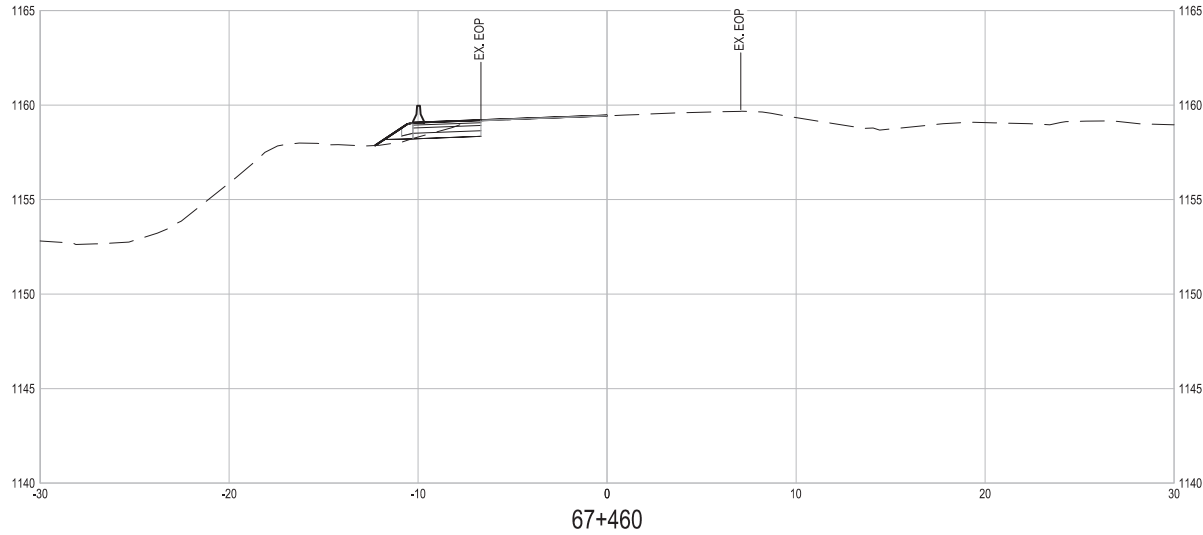
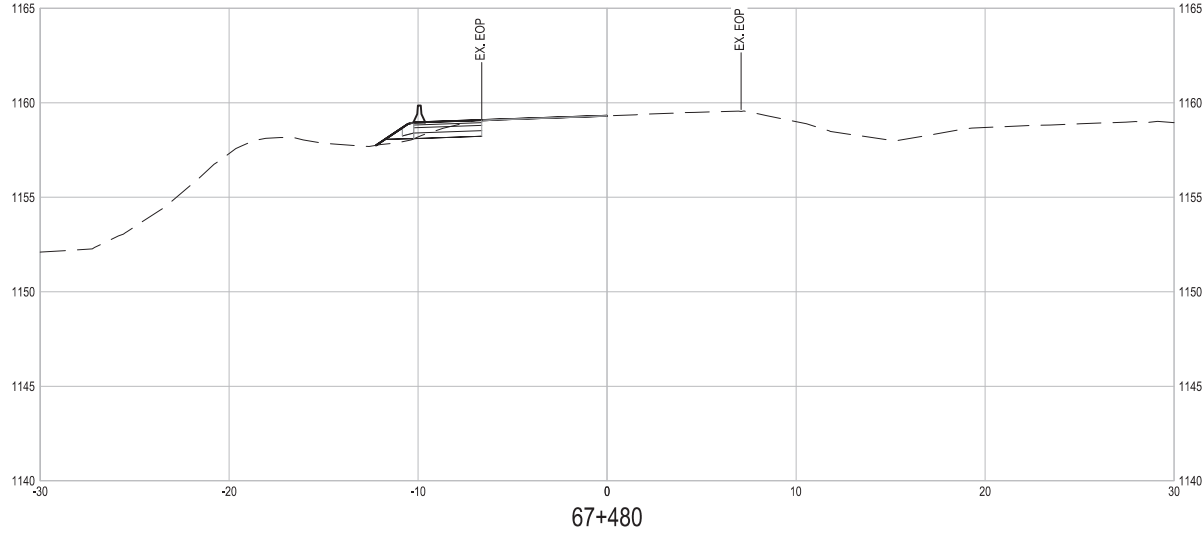
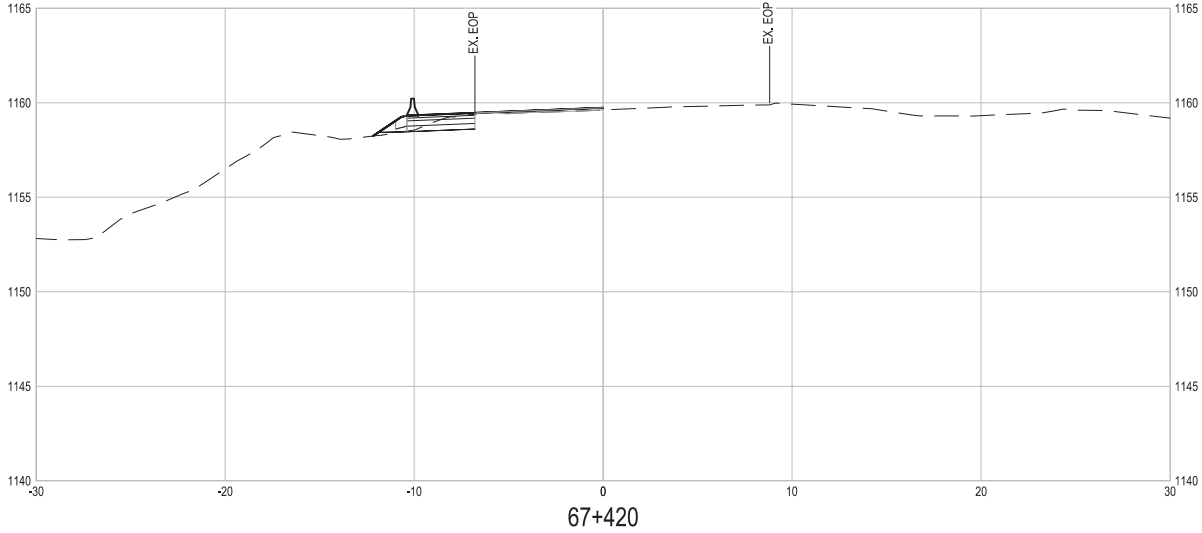
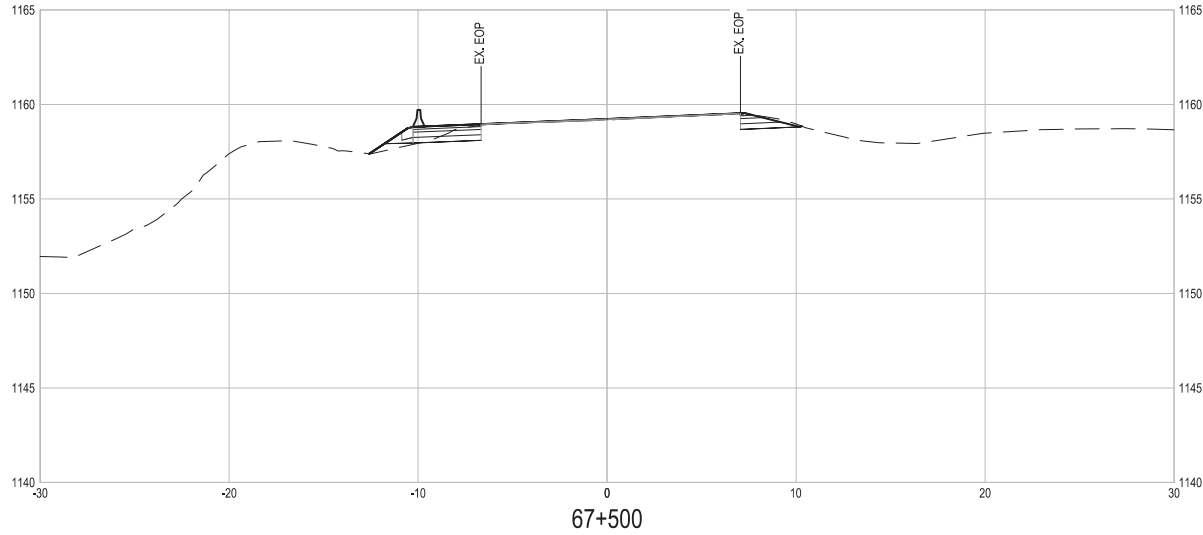
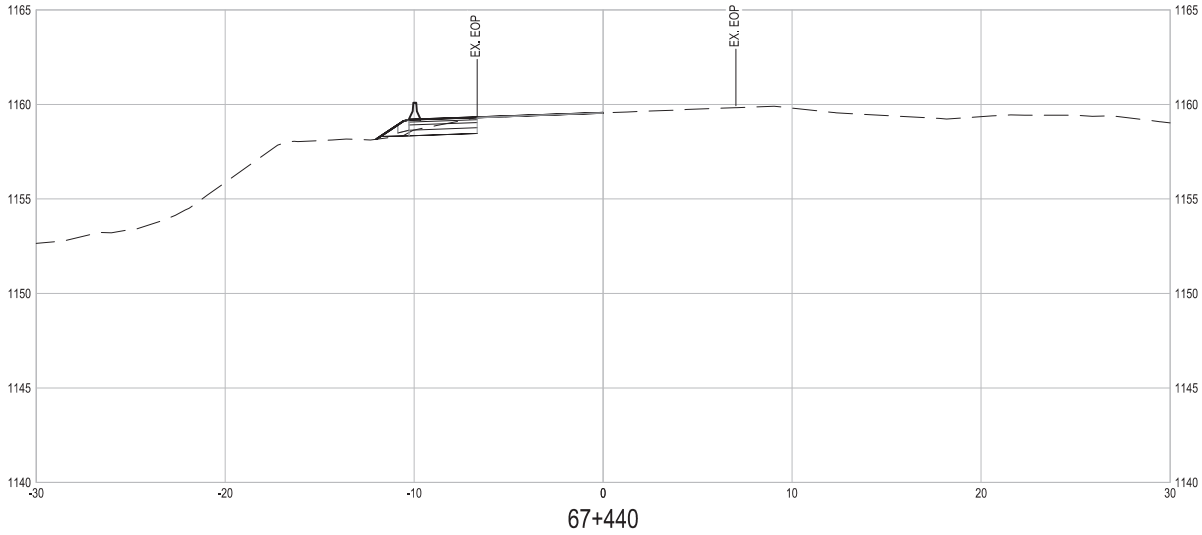
Surveyed by/Arpenté par -	Drawn by/Dessiné par RL	Date/Date 2016.03.14
Designed by/Concept par CG / JV	Reviewed by/Revisé par SF	Scale/Echelle 1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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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 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS32 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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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 DOLLY VARDEN PICNIC AREA
STA 67+400 - 67+500

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

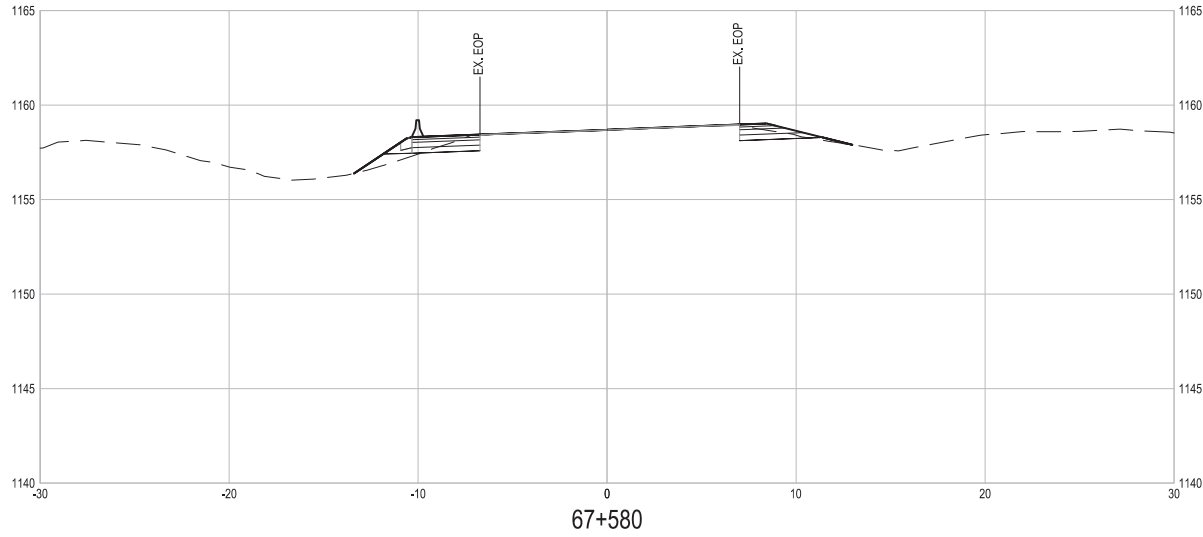
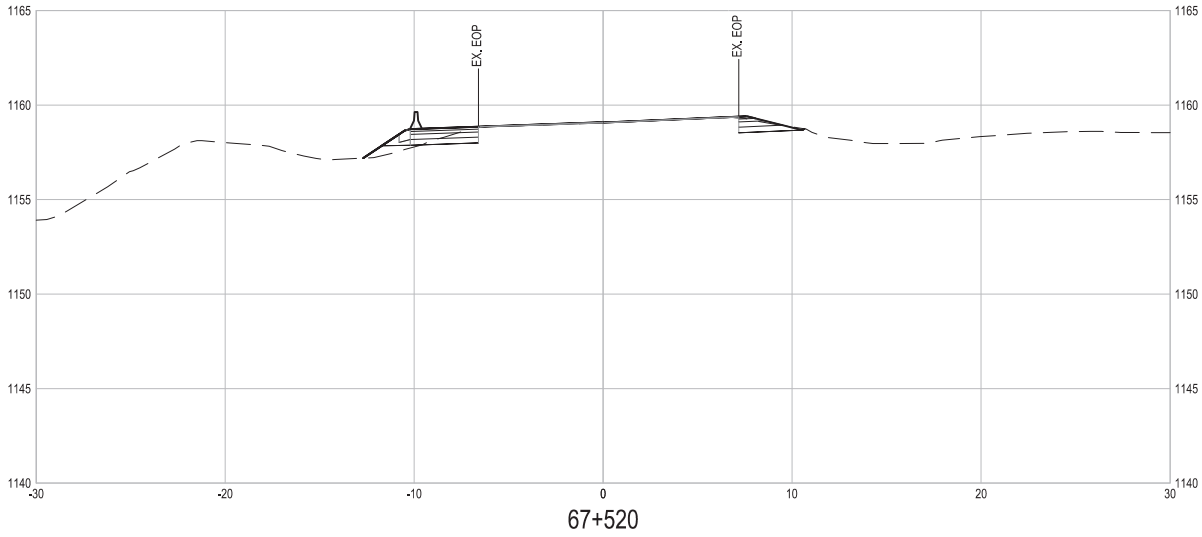
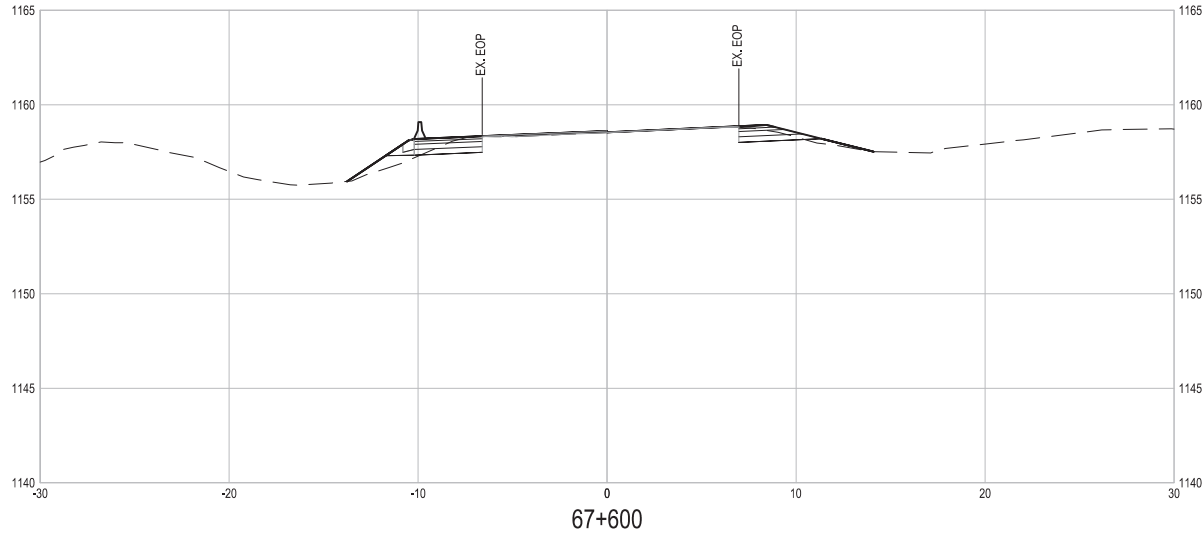
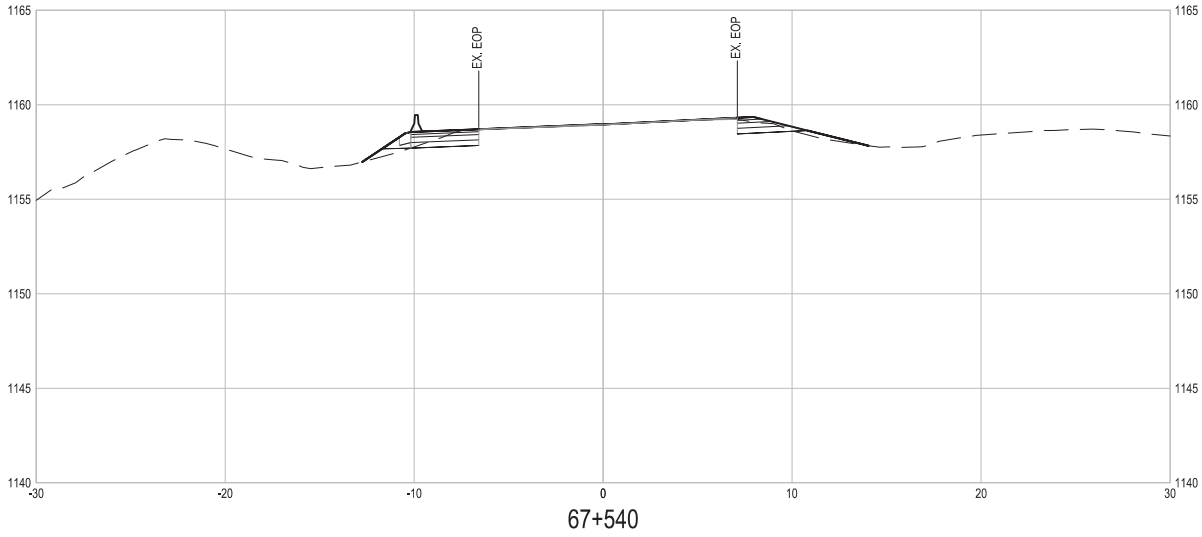
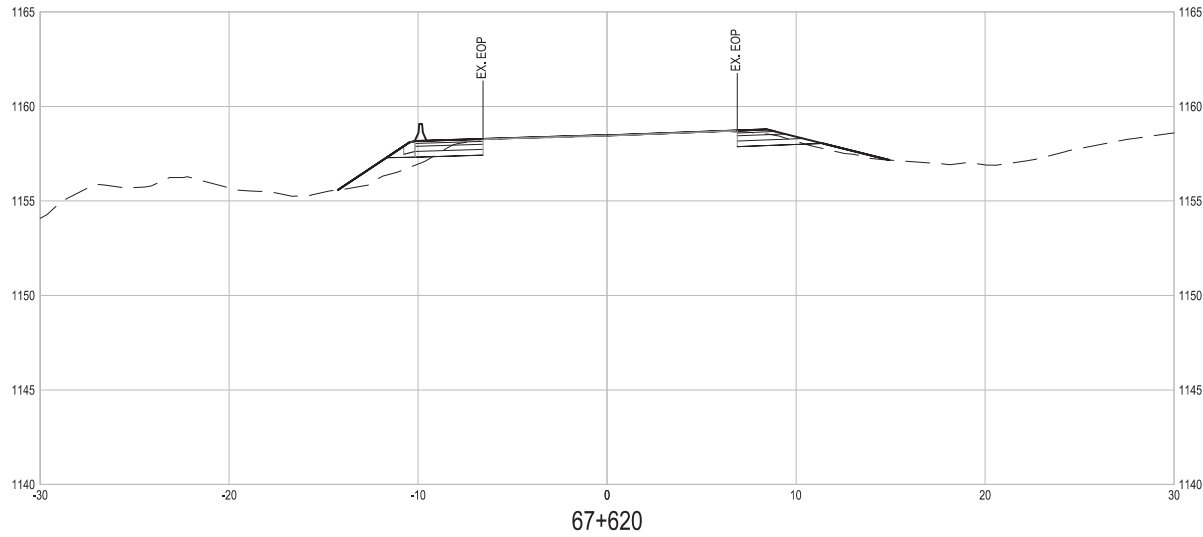
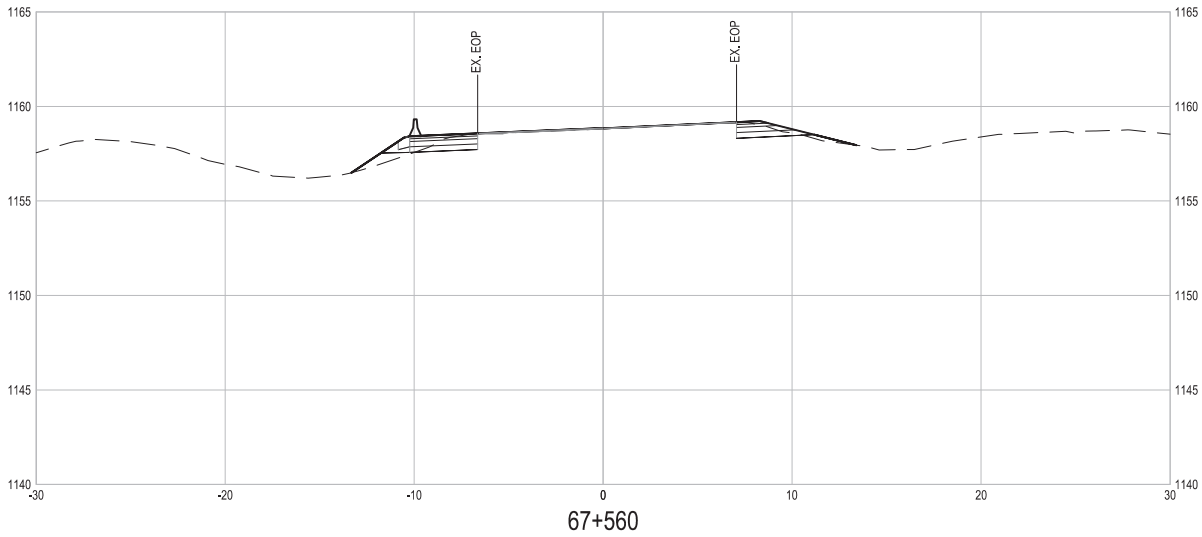
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

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

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		

Filename: O:\Proj\21-00202-00 PCA - 835 Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\C4-KM 61 to 81\10.3.6 Sheets\0202-C4-XSEC.dwg\XS02
Plotted: April 14, 2016, 10:31:00



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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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<div><div>A</div><div>B</div><div>C</div></div>	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 DOLLY VARDEN PICNIC AREA
STA 67+520 - 67+620

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

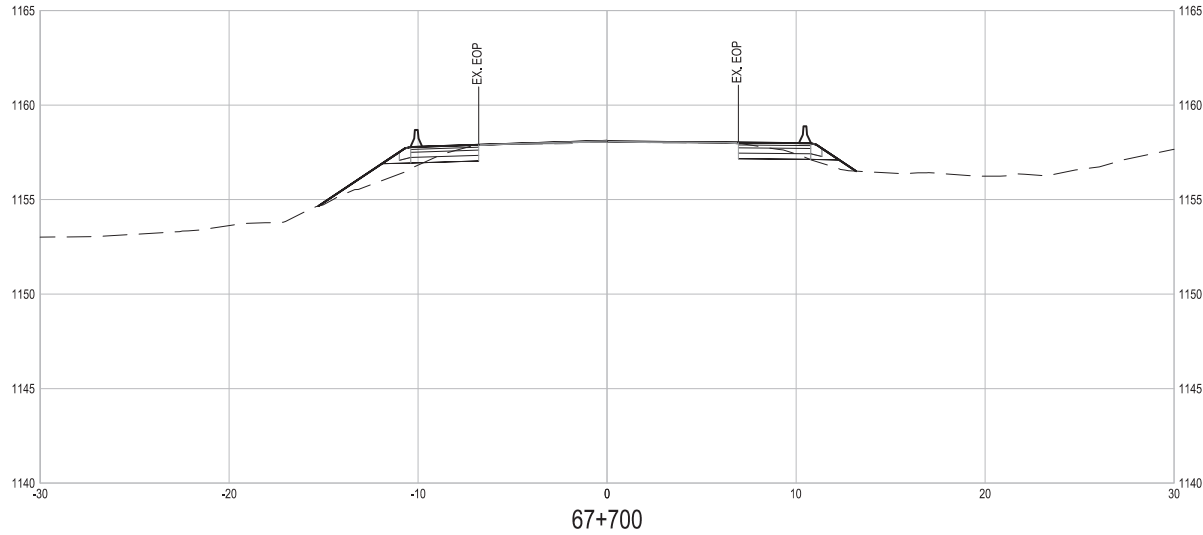
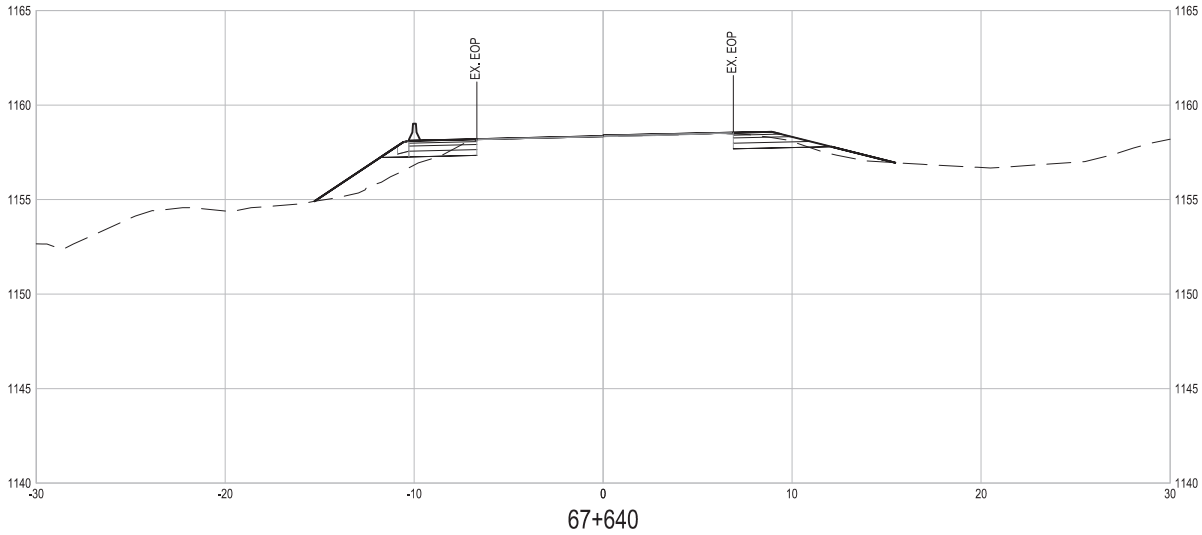
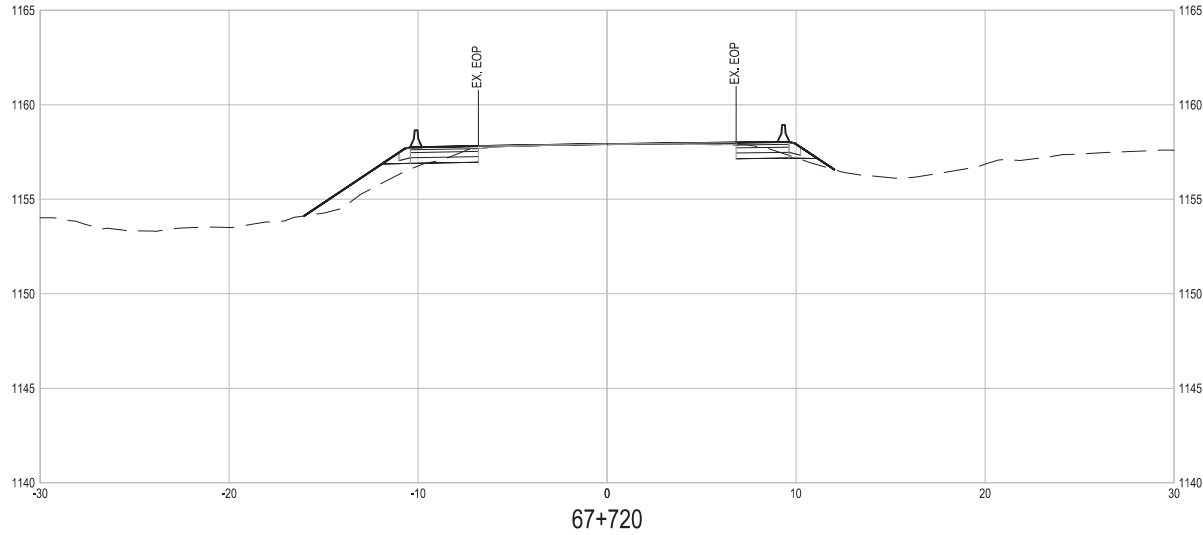
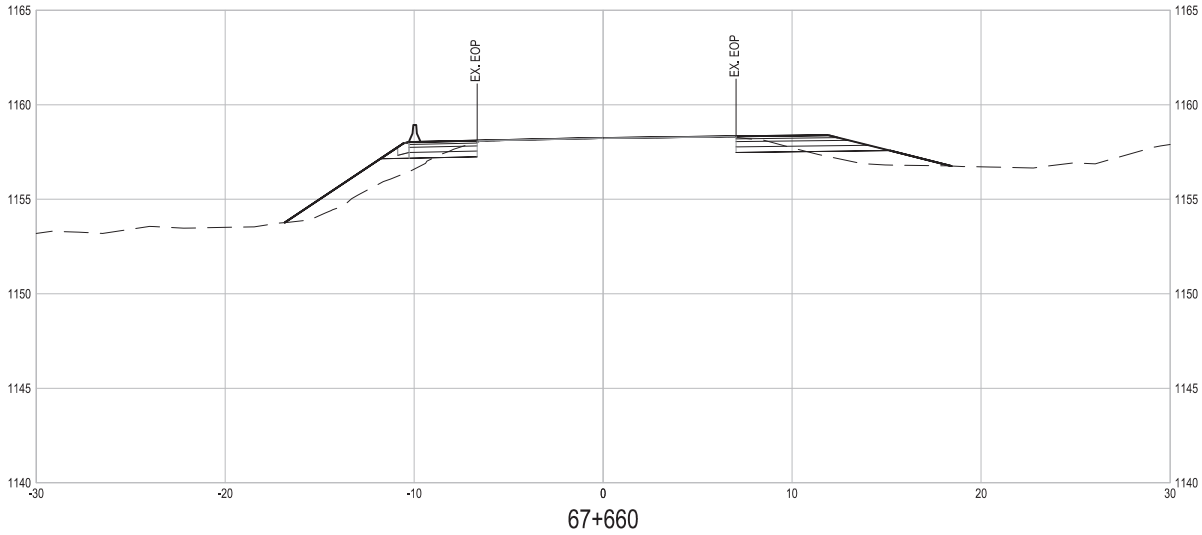
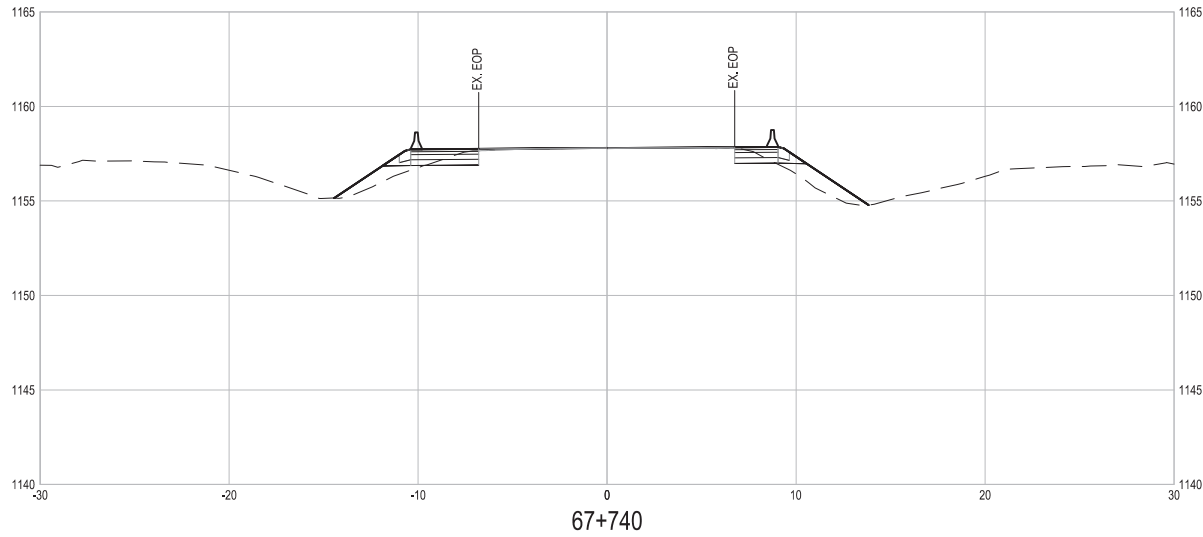
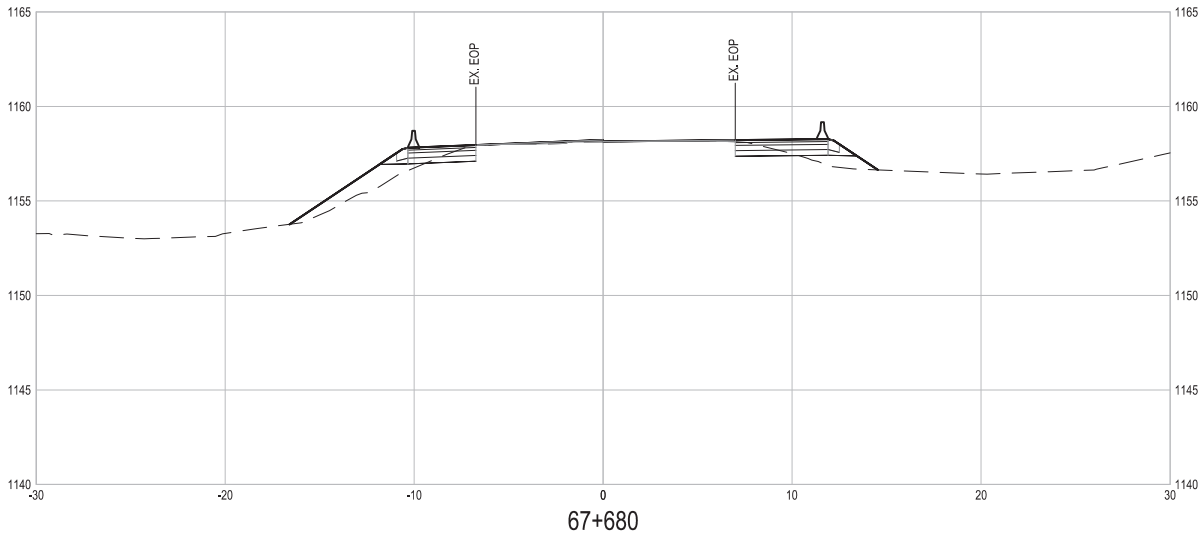
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS02
Drawing Reference No./No. de référence du dessin		of 11
2121-00202-00-C4		

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

Revision / Revision	
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<div><div>A</div><div>B</div><div>C</div></div>	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 DOLLY VARDEN PICNIC AREA
STA 67+640 - 67+740

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

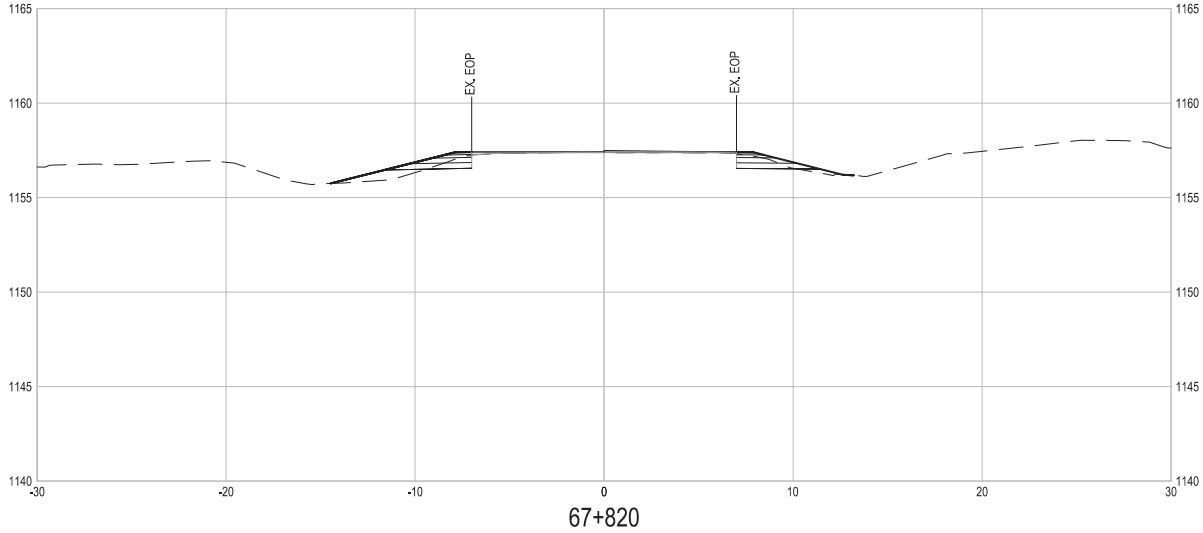
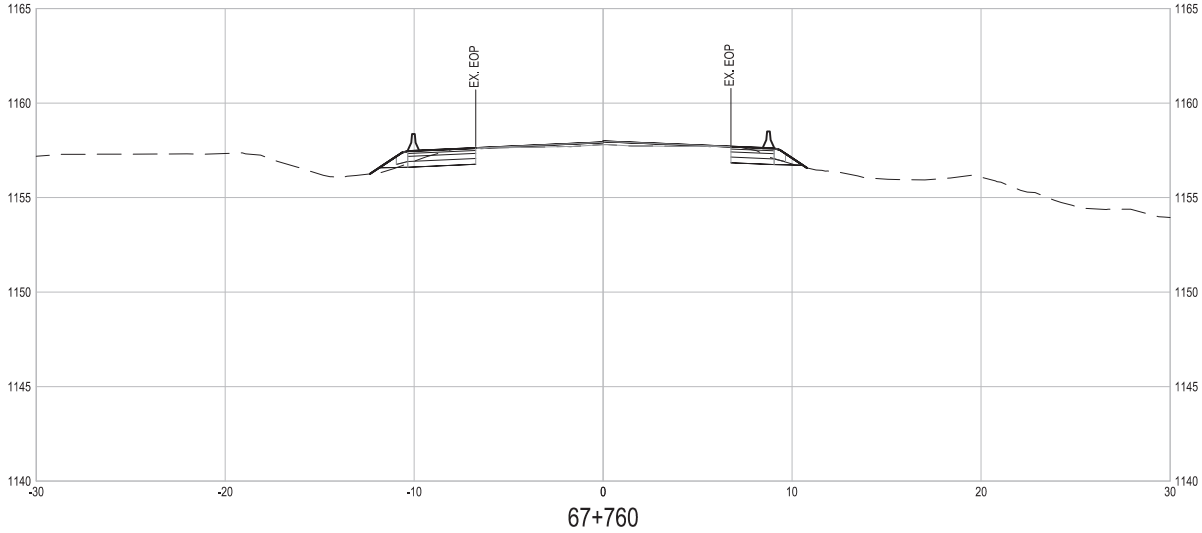
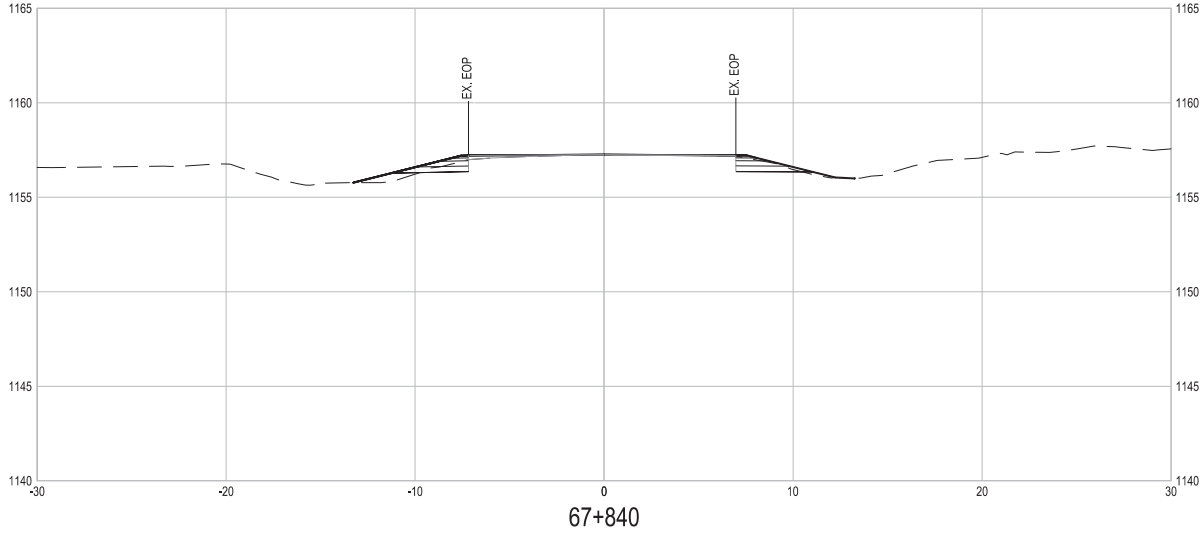
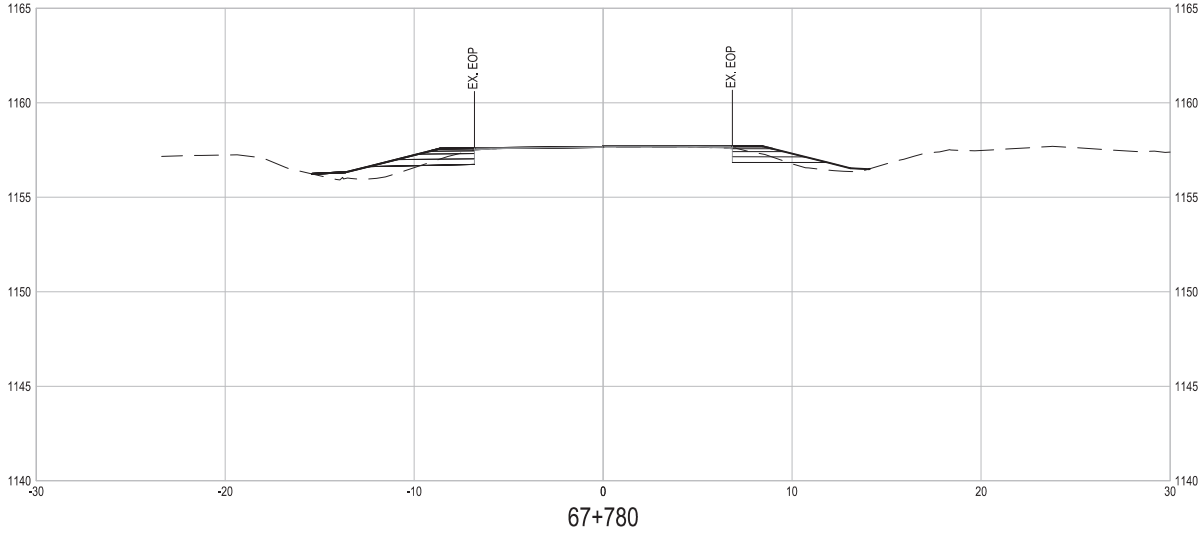
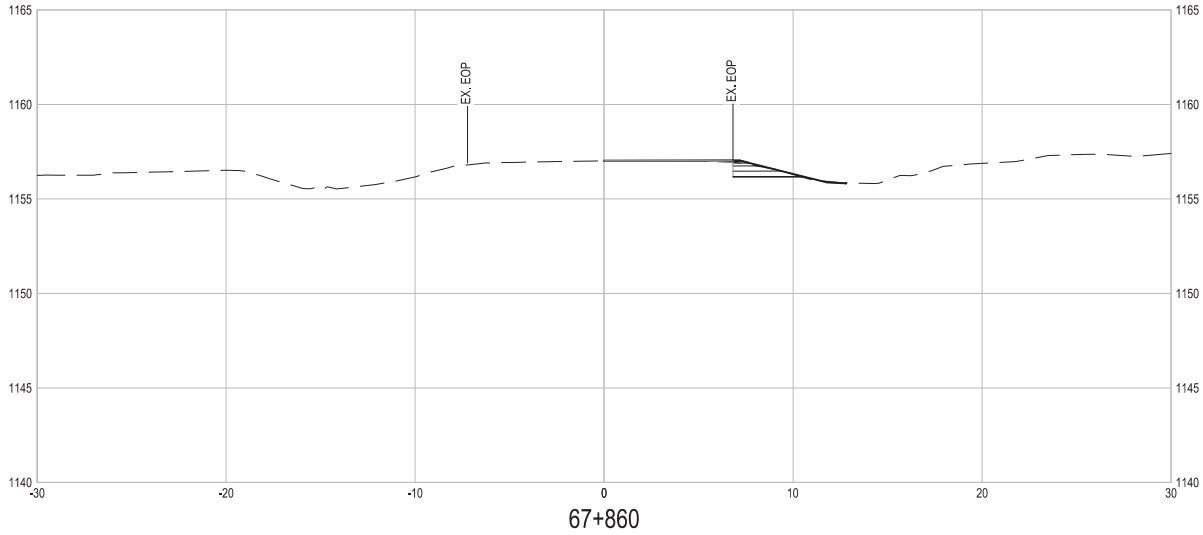
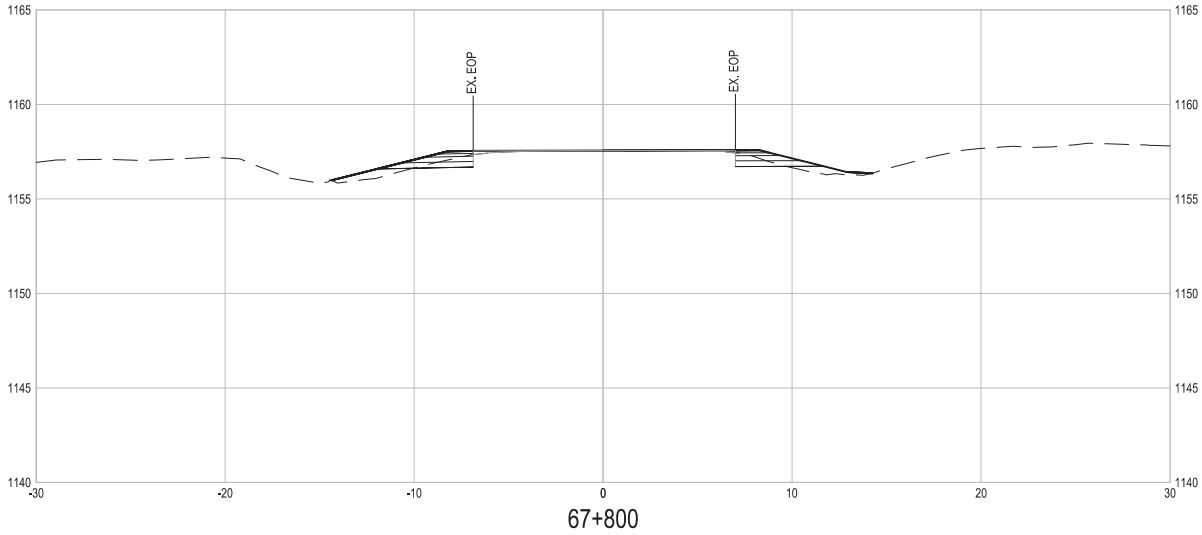
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS03 of 11
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Plotted: April 14, 2016, 10:31:41
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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
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

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 DOLLY VARDEN PICNIC AREA
STA 67+760 - 67+860

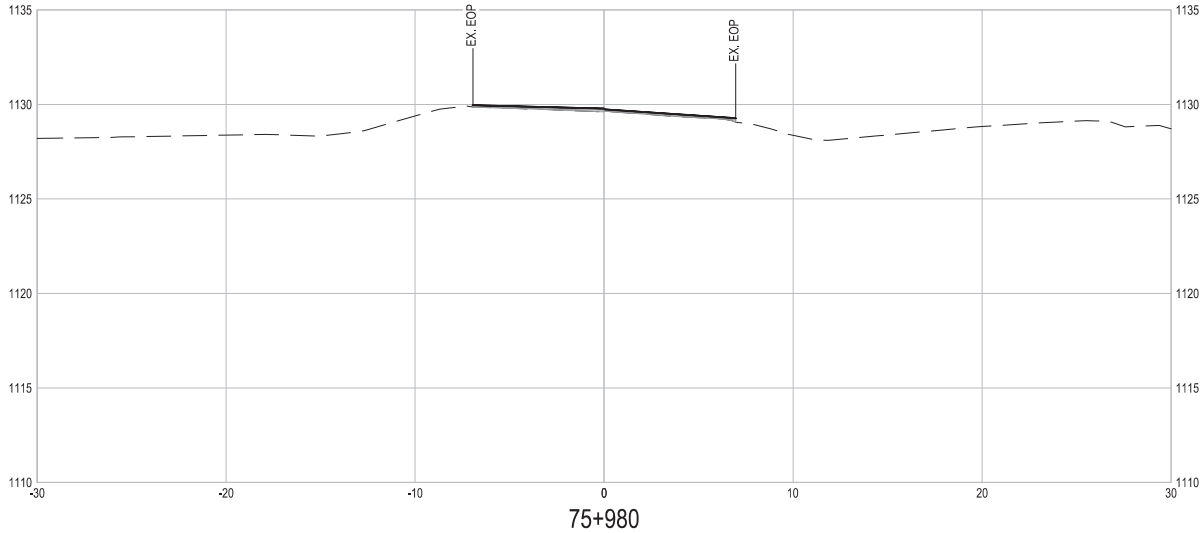
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-	RL	2016.03.14
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
CG / JV	SF	1:200

Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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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. du-bien	Sheet No./ No. de la feuille
201536A		XS04
Drawing Reference No./No. de référence du dessin		of 11
2121-00202-00-C4		



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FOR INFORMATION ONLY
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	
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<div><div>A</div><div>B</div><div>C</div></div>	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	
	<div>Parks Canada Agency Western and Northern Region</div> <div>L'Agence Parcs Canada Ouest et Nord Région</div>

Consultant's Name Nom de l'expert-conseil

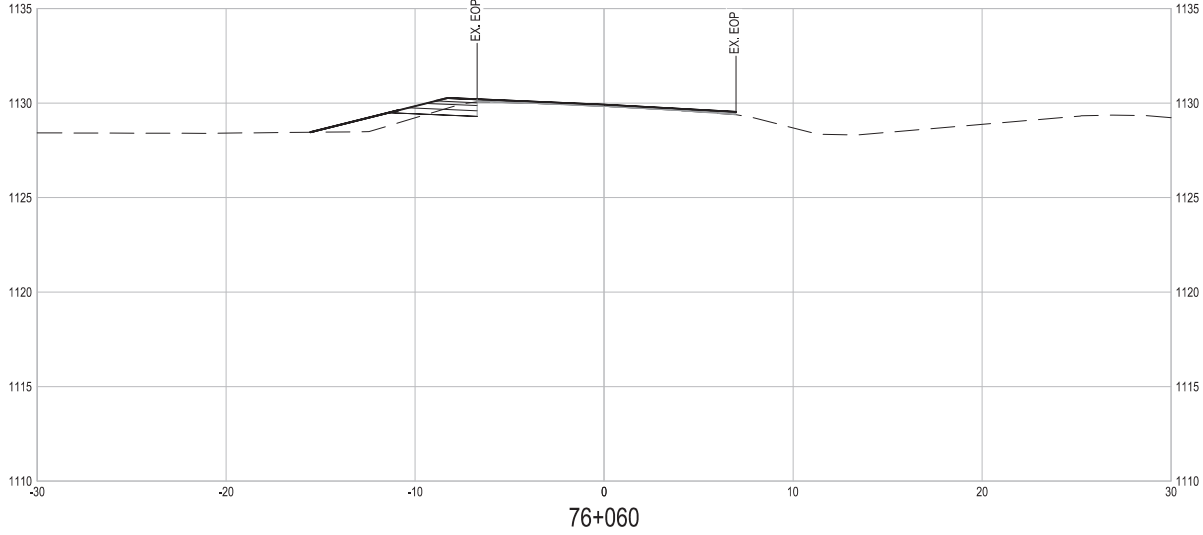
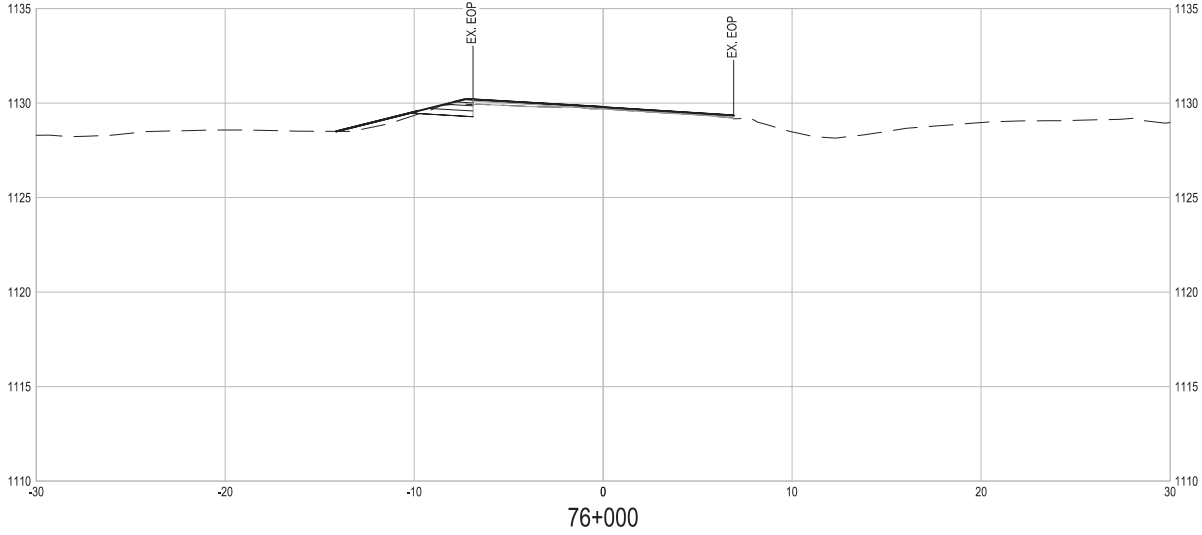
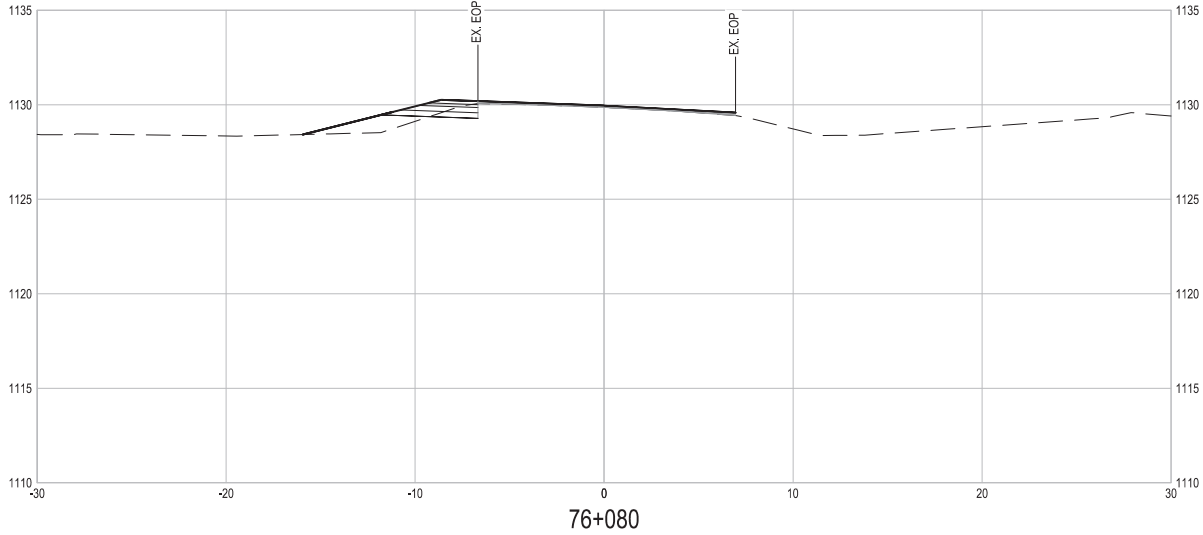
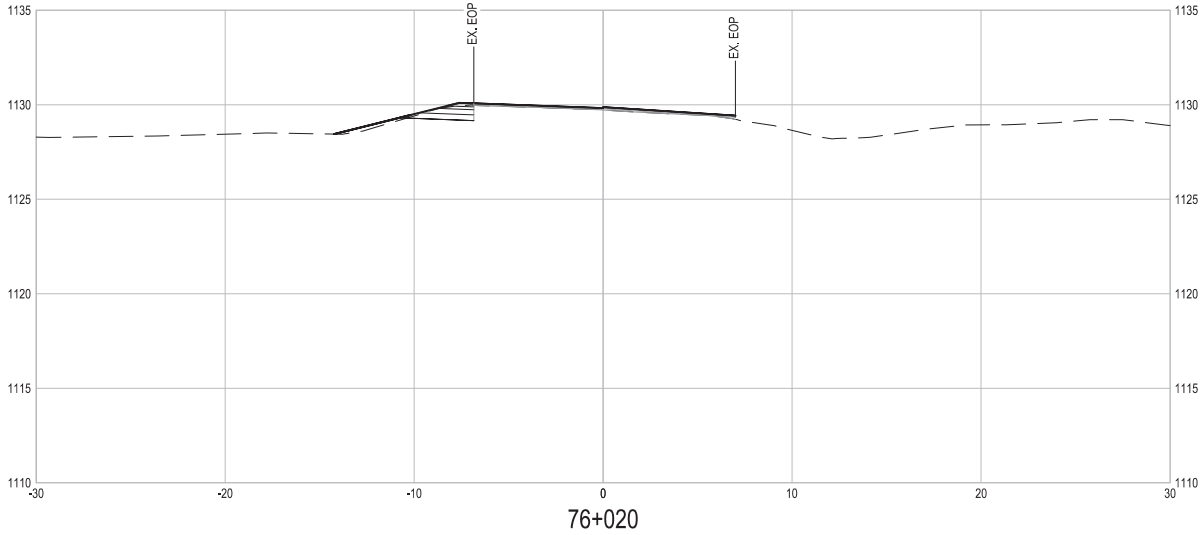
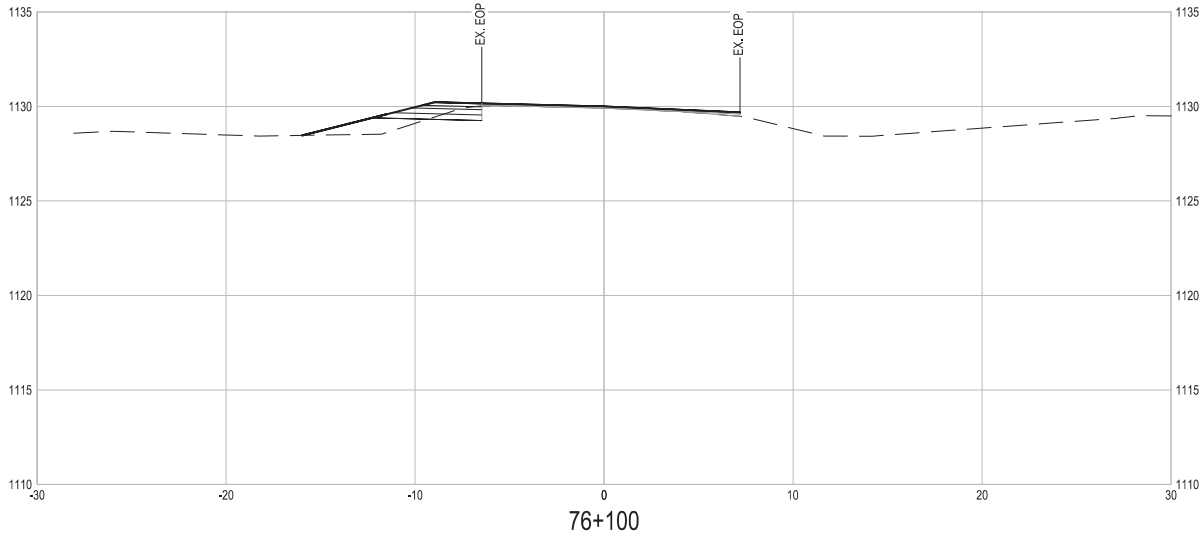
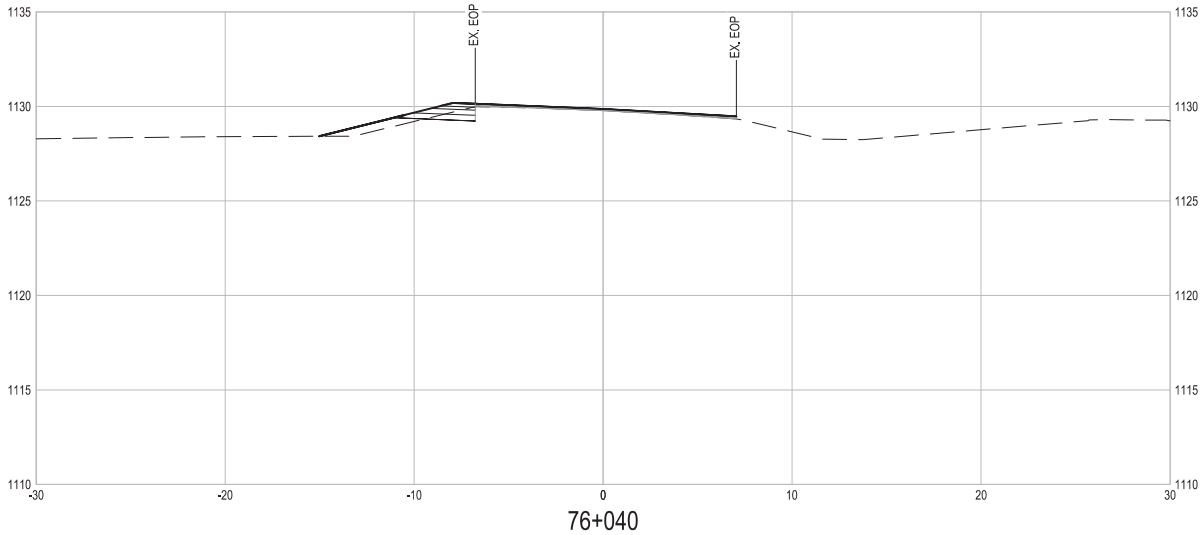

Project title/Titre du projet
HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS
KOOTENAY NATIONAL PARK

Drawing title/Titre du dessin
CROSS SECTIONS 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	
Parks Canada Responsible Officer/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		XS05
Drawing Reference No./No. de référence du dessin		of 11
2121-00202-00-C4		

Plotted: April 14, 2016, 10:32:22 Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\C4-KM 61 to 81\10.3.6 Sheets\0202-C4-XSEC.dwg\XS06



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

Revision / Revision	
<div><div>A</div><div>C</div></div>	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


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

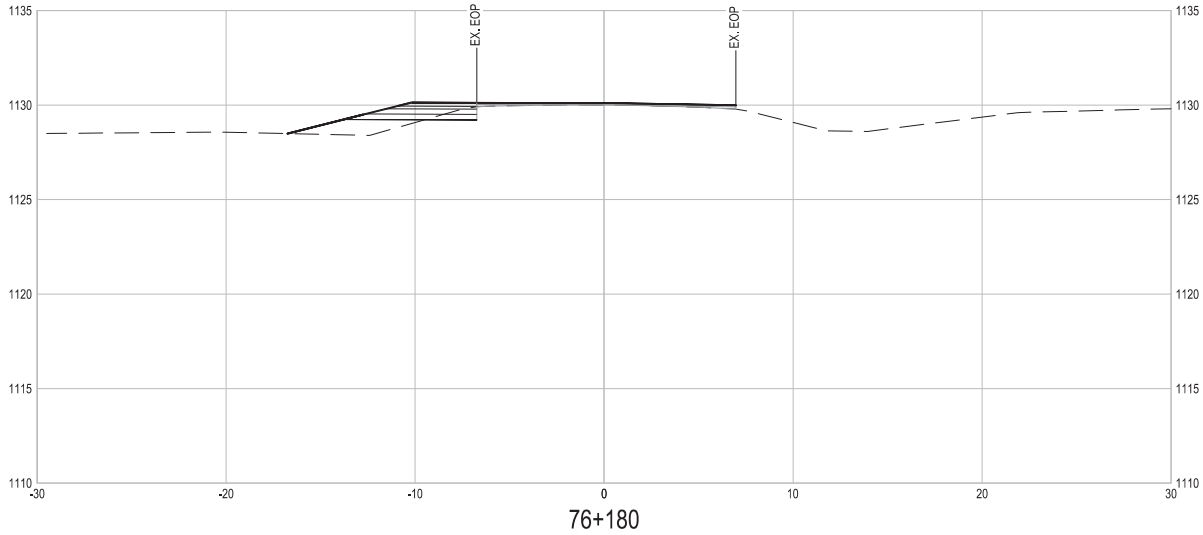
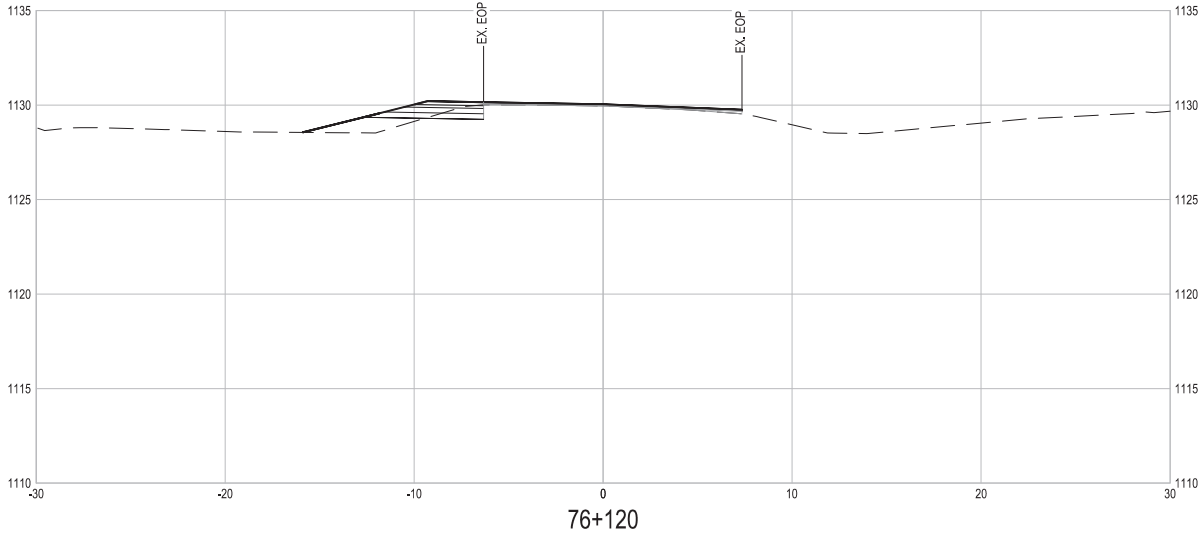
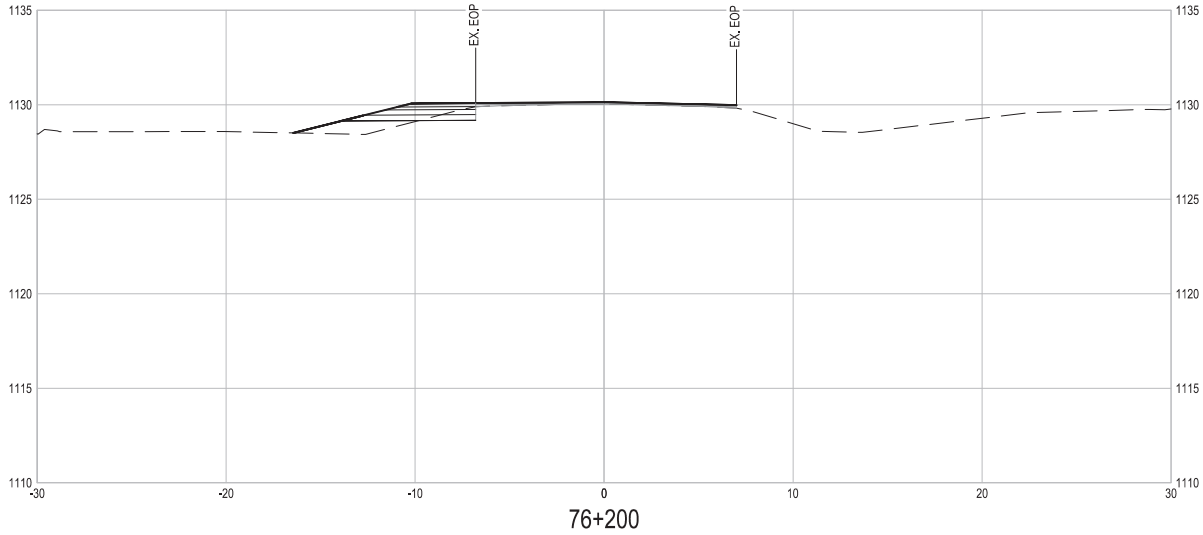
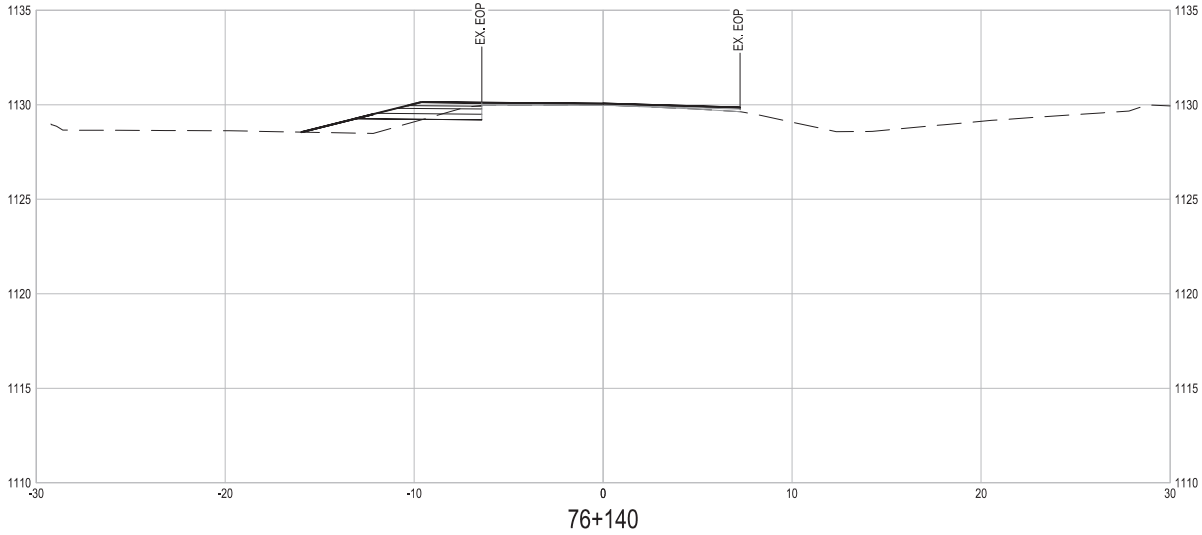
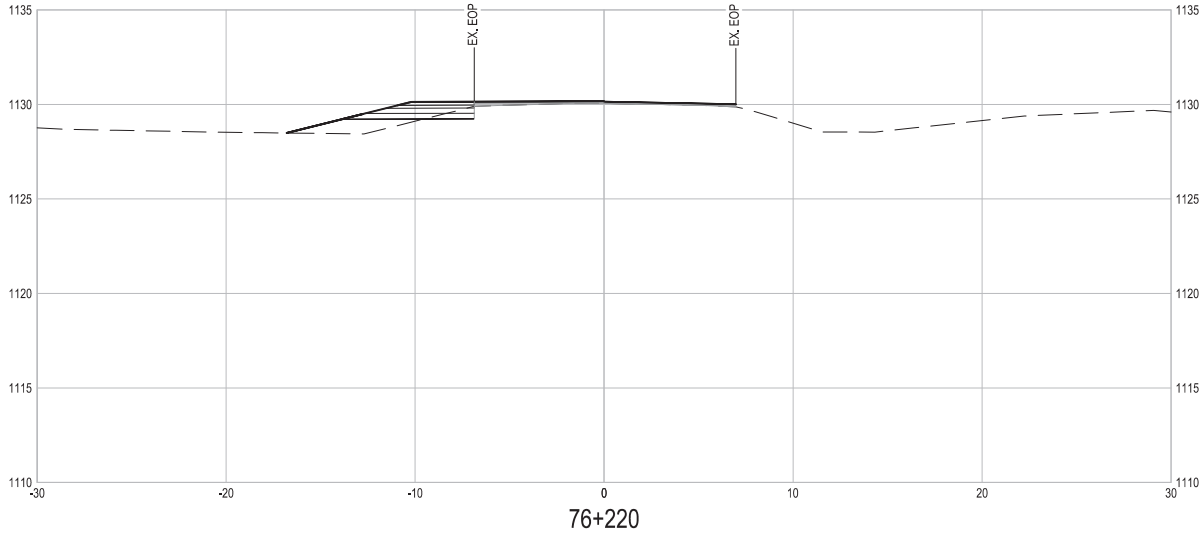
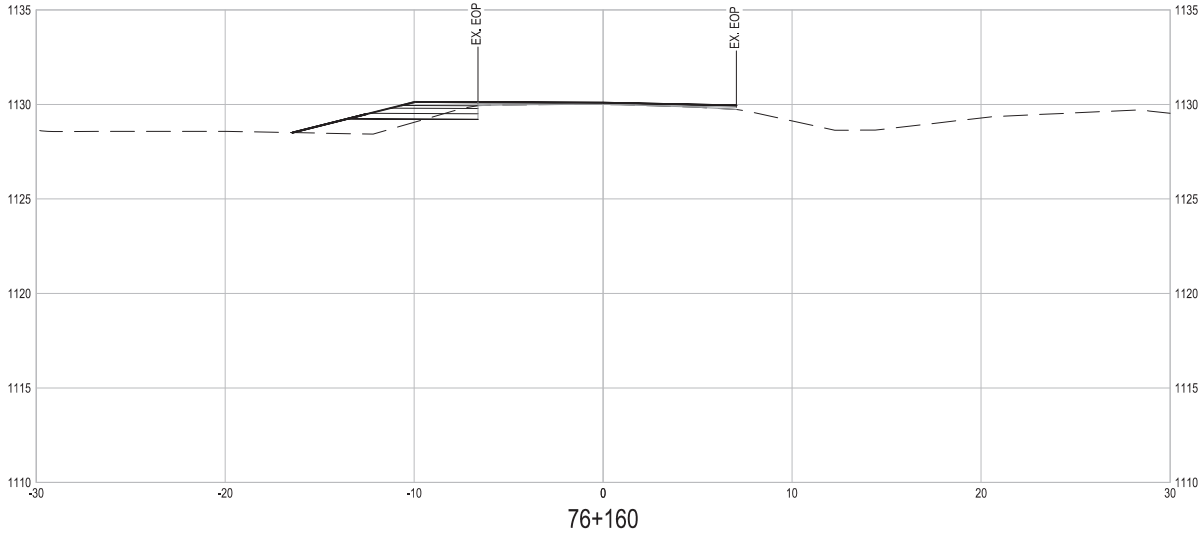
Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS06 of 11
Drawing Reference No./No. de référence du dessin 2121-00202-00-C4		

Plotted: April 14, 2016, 10:32:41 Filename: O:\Proj\21-00202-00 PCA - 635 Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\C4-KM 61 to 81\10.3.6 Sheets\0202-C4.XSEC.dwg\XS07



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Revision / Revision	
<div><div>A</div><div>C</div></div>	A detail number numéro de détail
<div><div>A</div><div>B</div><div>C</div></div>	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 MCLEOD MEADOWS CAMPGROUND
STA 76+120 - 76+220

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

Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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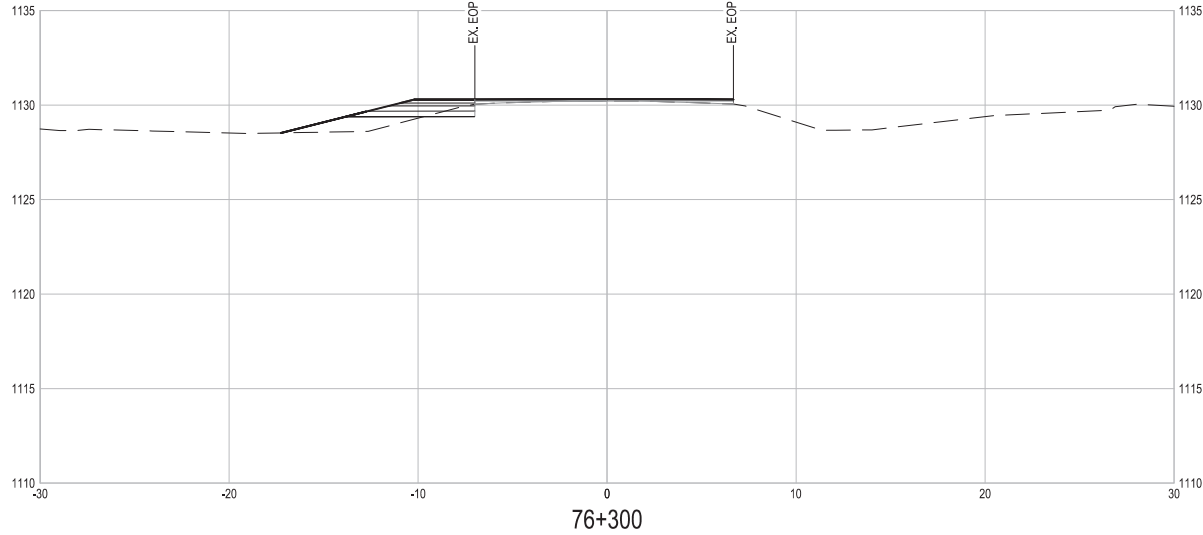
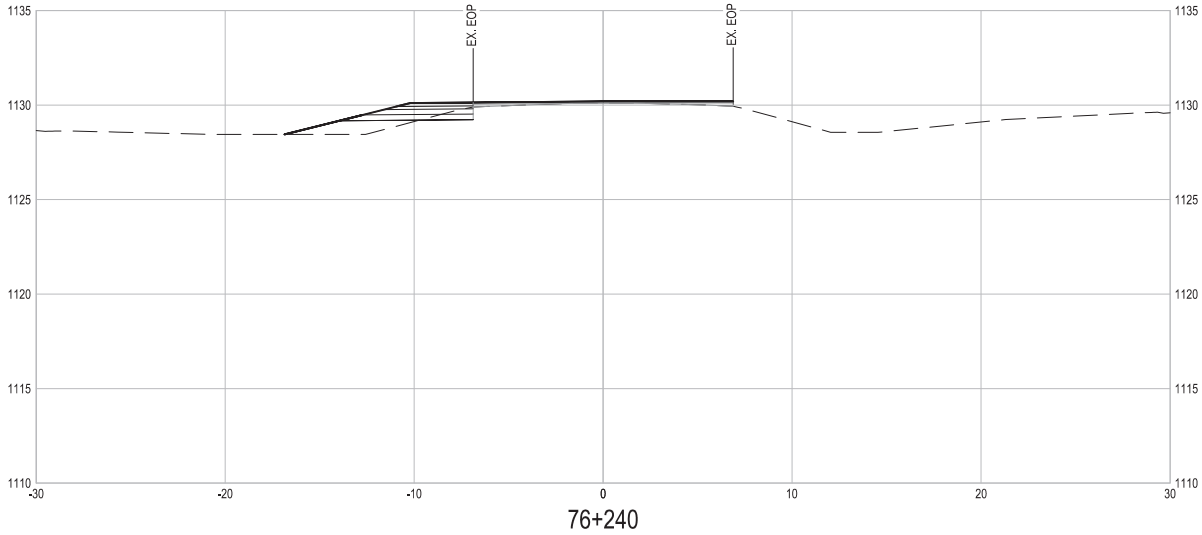
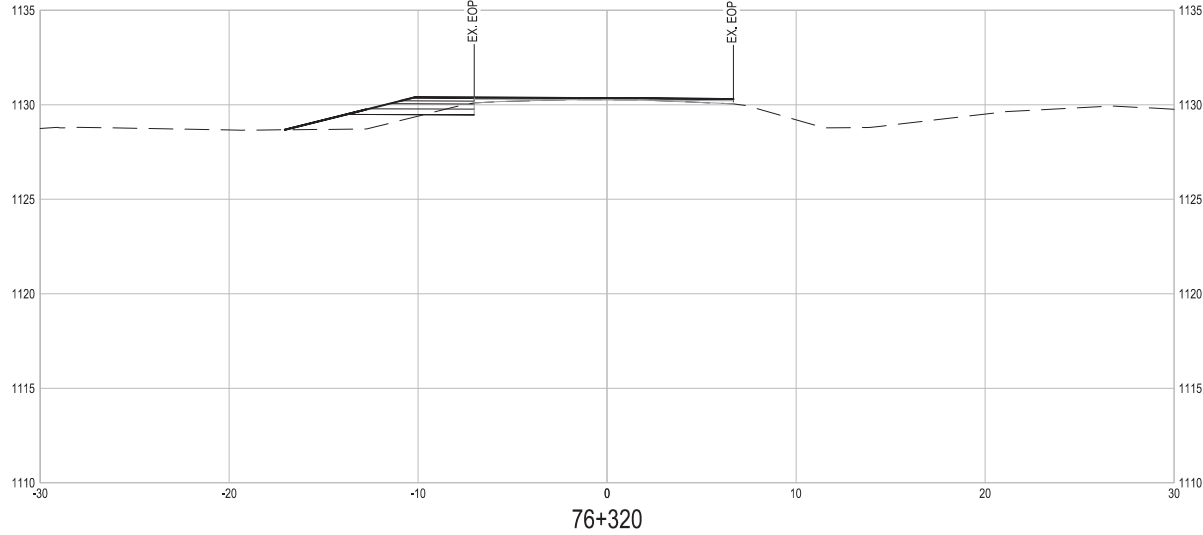
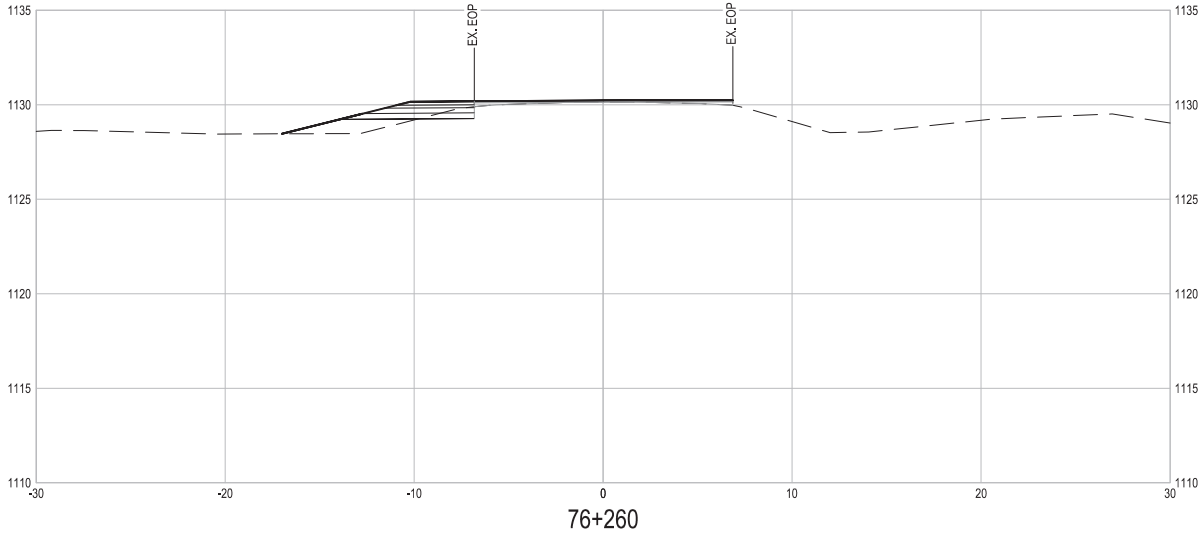
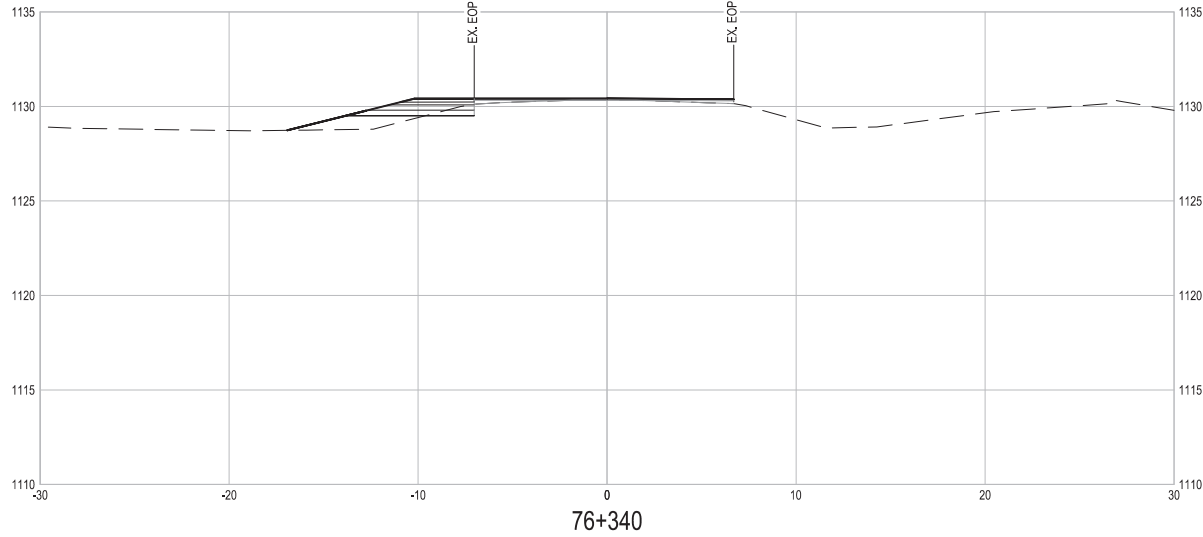
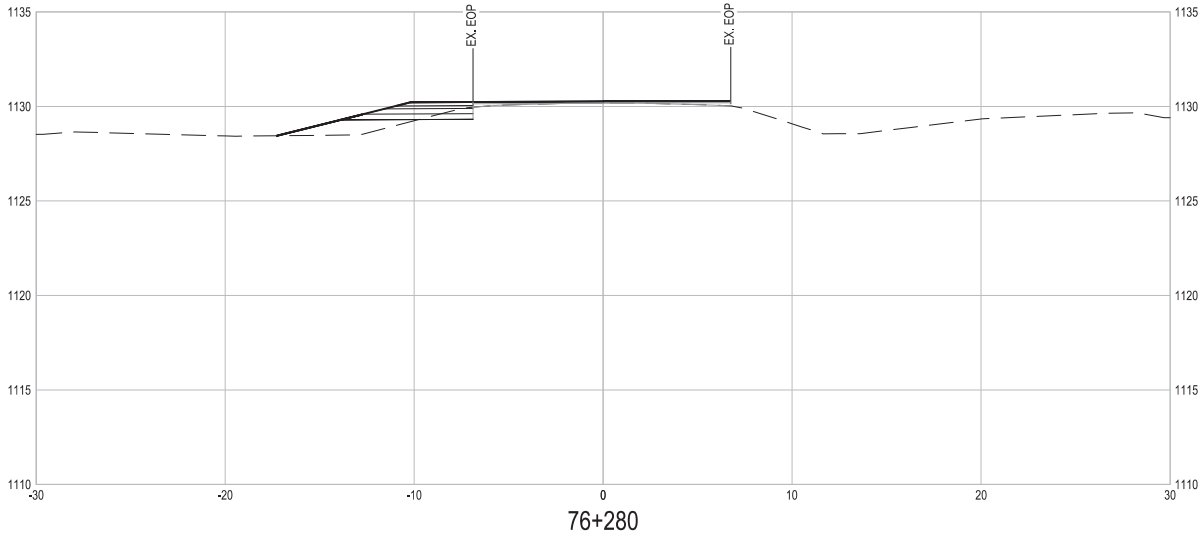
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS07
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Drawing Reference No./No. de référence du dessin 2121-00202-00-C4	of 11
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Plotted: April 14, 2016, 10:33:01



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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

<div><div>A</div><div>C</div></div>	A detail number numéro de détail	<div><div>A</div><div>B</div><div>C</div></div>	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	<div><div></div><div>Parks Canada Agency Western and Northern Region</div></div>	<div><div></div><div>L'Agence Parcs Canada Ouest et Nord Région</div></div>
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Consultant's Name Nom de l'expert-conseil	<div><div></div><div>McElhanney</div></div>
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Project title/Titre du projet	HIGHWAY 93 SOUTH KOOTENAY PARKWAY SAFETY IMPROVEMENTS KOOTENAY NATIONAL PARK
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Drawing title/Titre du dessin	CROSS SECTIONS MCLEOD MEADOWS CAMPGROUND STA 76+240 - 76+340
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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

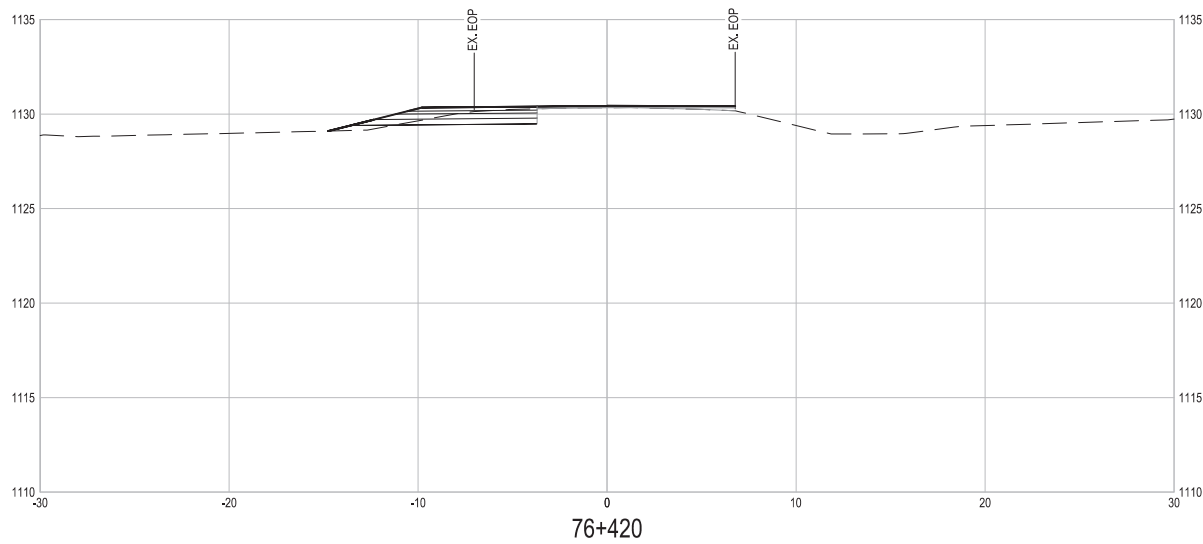
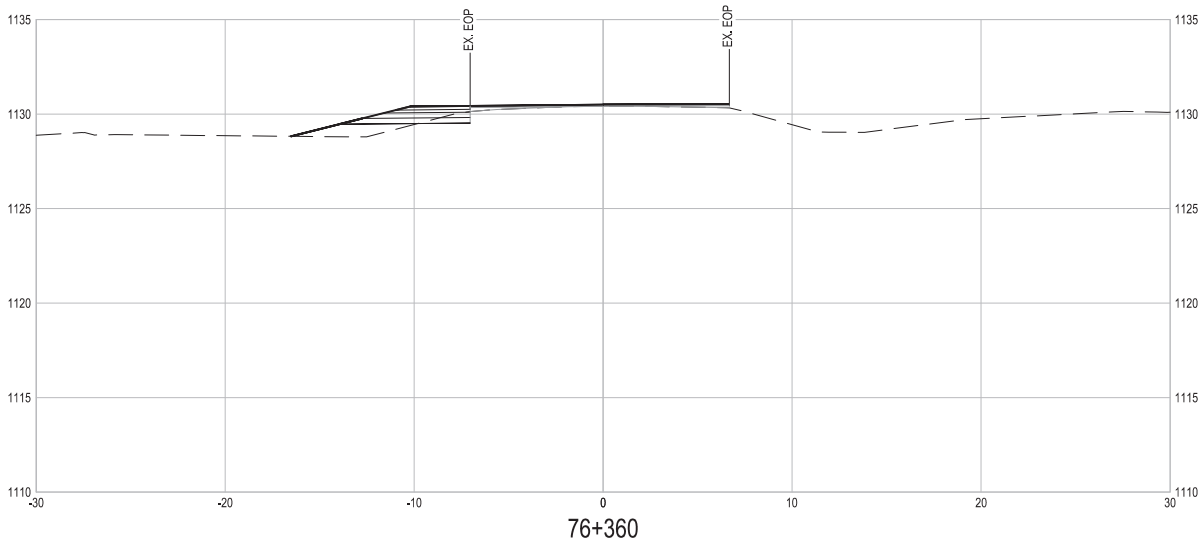
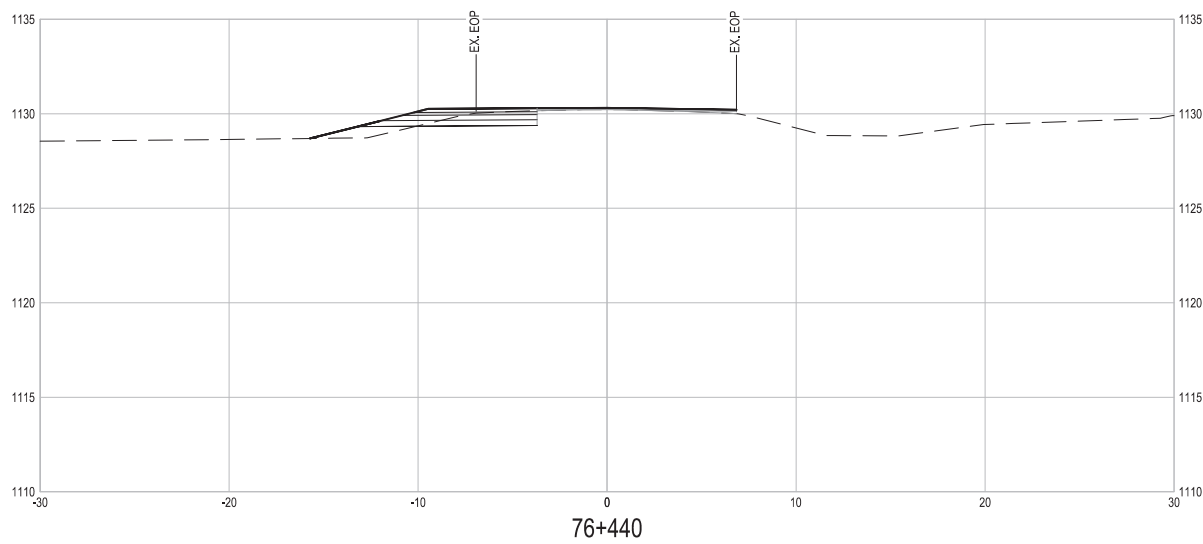
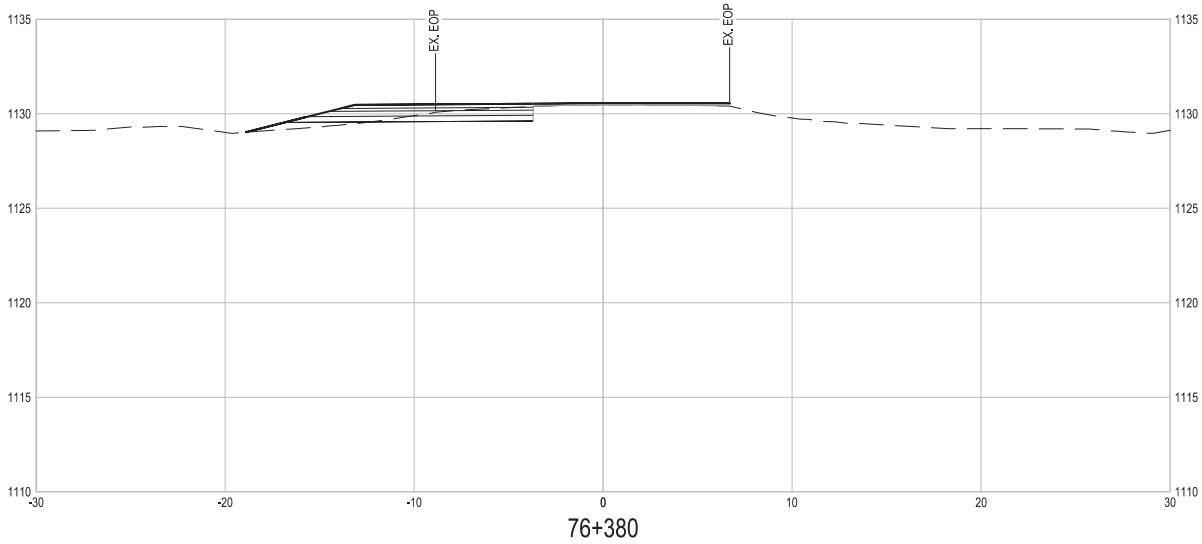
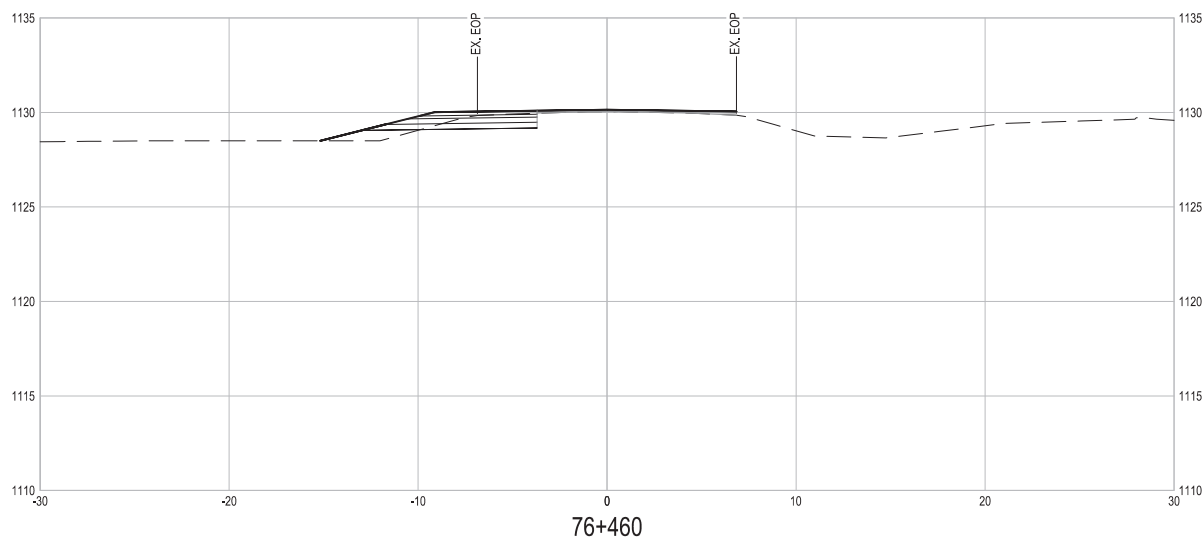
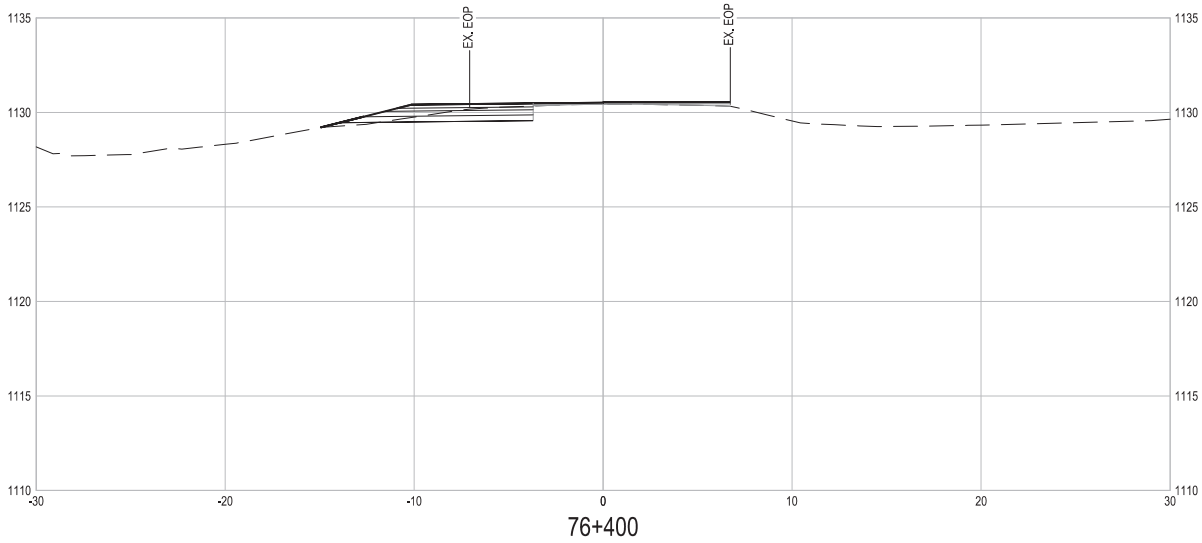
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201536A		XS08

Drawing Reference No./No. de référence du dessin	of 11
2121-00202-00-C4	

Plotted: April 14, 2016, 10:33:22
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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 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 Agence 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+360 - 76+460

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

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

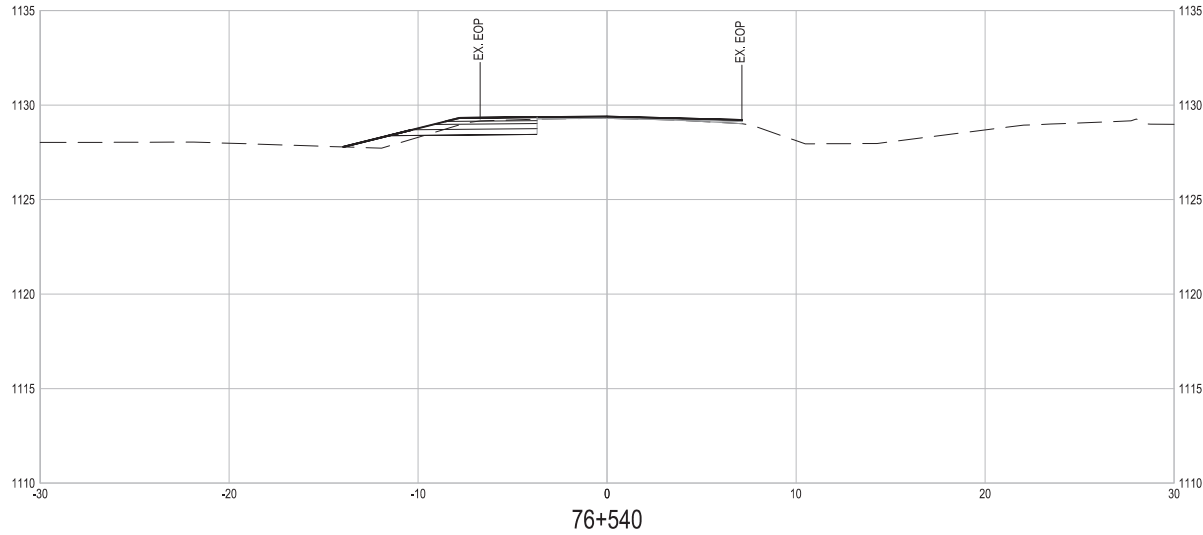
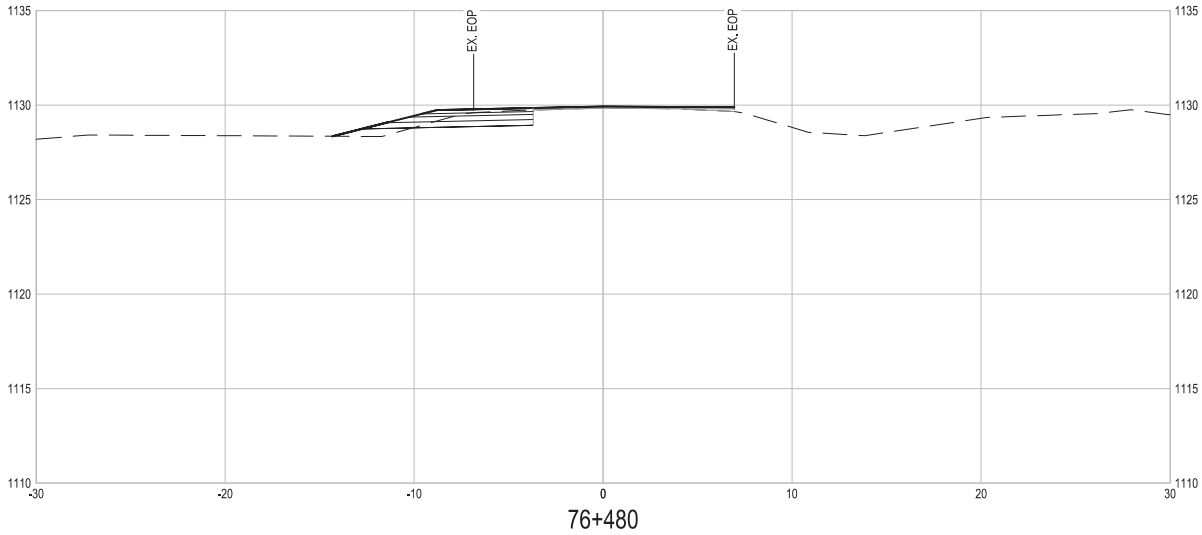
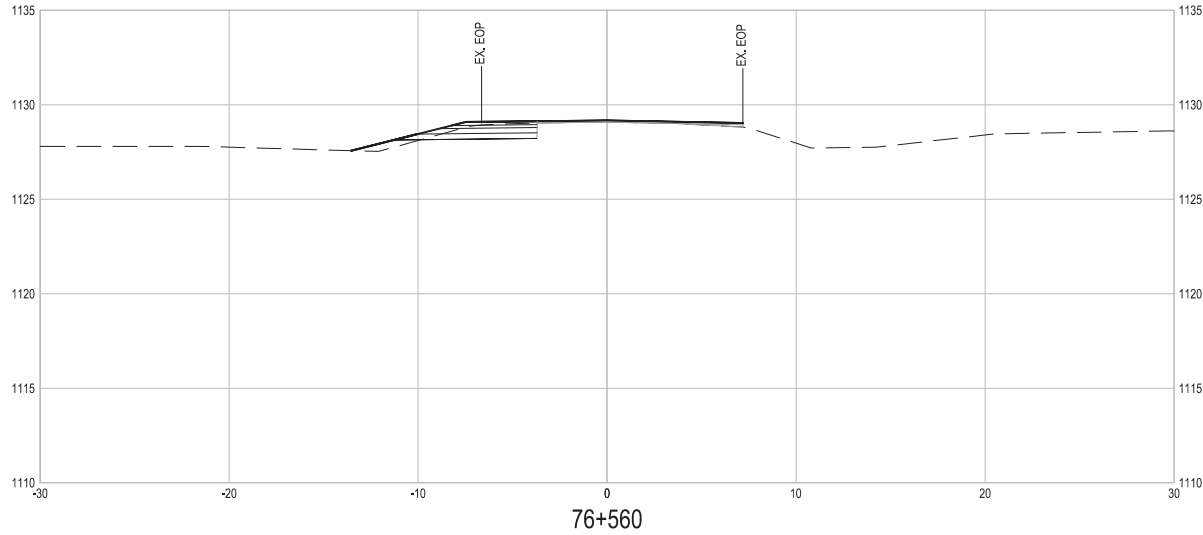
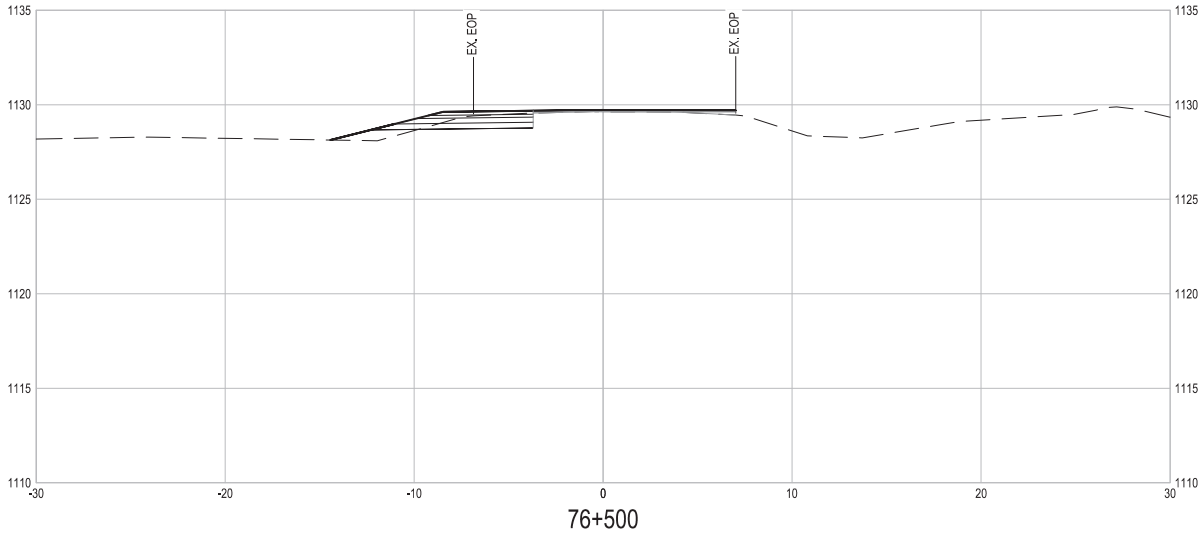
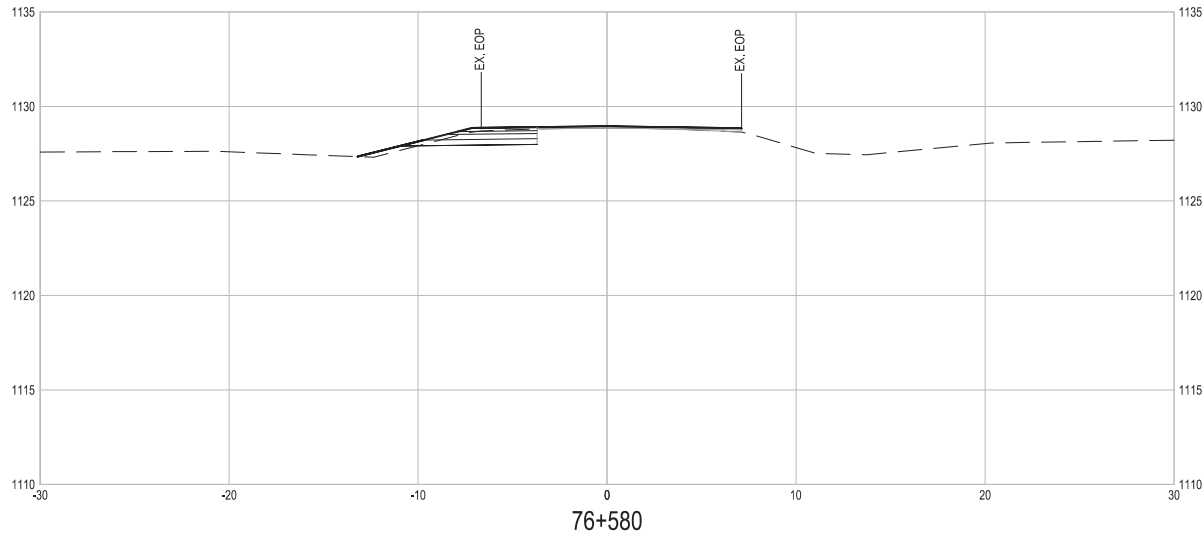
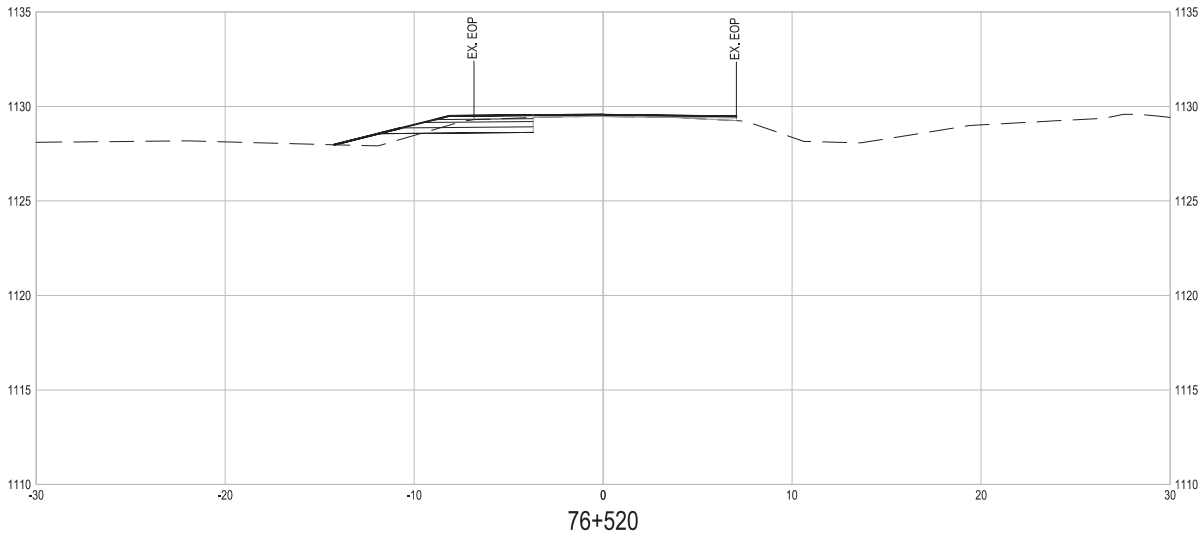
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS09
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Drawing Reference No./No. de référence du dessin 2121-00202-00-C4	of 11
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Plotted: April 14, 2016, 10:33:41
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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 Agence 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+480 - 76+580

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

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

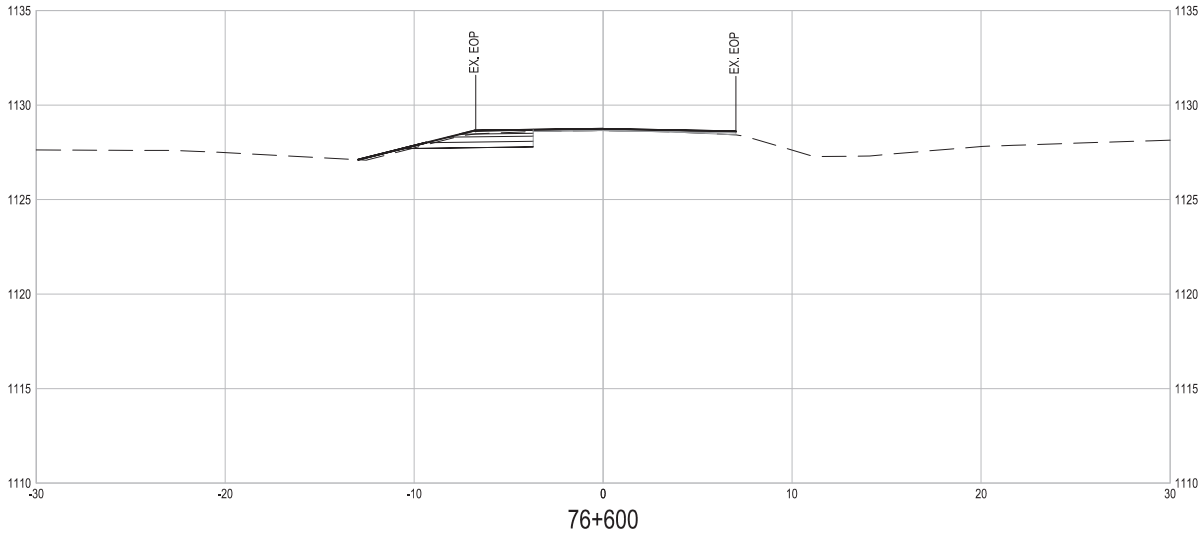
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS10
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Drawing Reference No./No. de référence du dessin 2121-00202-00-C4	of 11
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Plotted: April 14, 2016, 10:34:01 Filename: O:\Proj\21-00202-00 PCA - 835 Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\C4-KM 61 to 81\10.3.6 Sheets\0202-C4-XSEC.dwg\XS11



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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

<div>A C</div>	A detail number numéro de détail	<div>A B C</div>	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


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

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

Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
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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 201536A	Asset No./No. du-bien	Sheet No./ No. de la feuille XS11
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Drawing Reference No./No. de référence du dessin 2121-00202-00-C4	of 11
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