



**Public Services and
Procurement Canada**

**Services publics et
Approvisionnement Canada**

**KM 568 TO KM 573 (TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

**ALASKA HIGHWAY
BRITISH COLUMBIA**



PROJECT No. R.112220.002

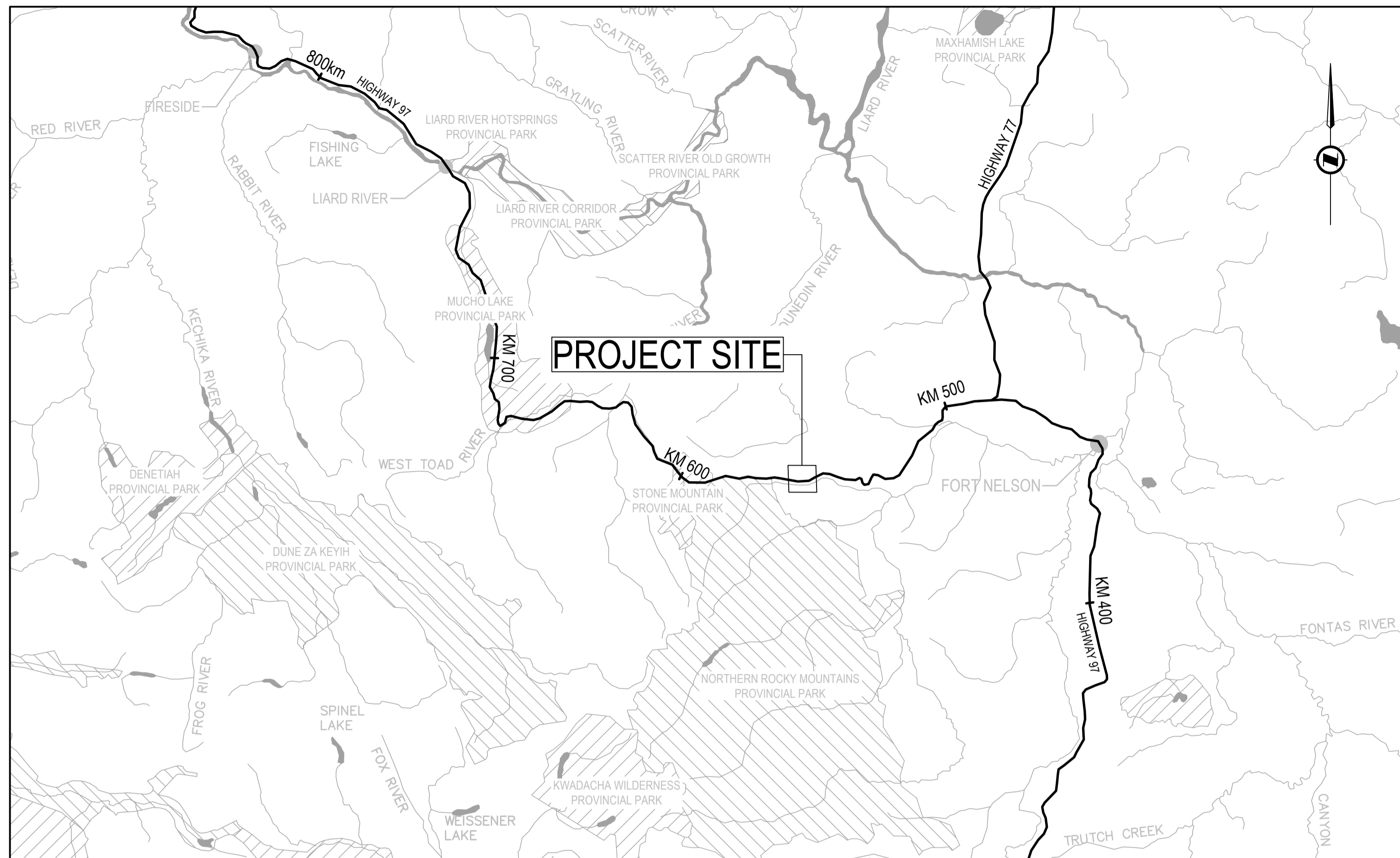
**ISSUED FOR TENDER
JUNE 2, 2021**

ISSUED FOR TENDER

ALIGNMENT POINT LEGEND

- BP = BEGINNING POINT
- EP = END POINT
- BC = BEGINNING OF CURVE
- EC = END OF CURVE
- TS = TANGENT TO SPIRAL POINT
- SC = SPIRAL TO CURVE POINT
- CS = CURVE TO SPIRAL POINT
- ST = SPIRAL TO TANGENT
- POT = POINT ON TANGENT
- POC = POINT ON CURVE
- PI = POINT OF INTERSECTION

PROJECT LOCATION PLAN



SCALE: 1:1,000,000

DRAWING INDEX	
DRAWING	DESCRIPTION
C000	COVER PAGE
C001	PROJECT LOCATION PLAN, PROJECT KEY PLAN, DRAWING INDEX, SURVEY CONTROL MONUMENTS AND LEGEND
C101 - C106	HIGHWAY PLAN / PROFILE
C107	TETSA RIVER LODGE ACCESS PLAN
C201	CULVERT STA. 568+840 PLAN / PROFILE
C202	CULVERT STA. 569+950 PLAN / PROFILE
C301	HIGHWAY TYPICAL SECTIONS
C302	ACCESS ROAD TYPICAL SECTION AND PROFILE
C303	CULVERT TYPICAL SECTIONS AND DETAILS
C304	CULVERT STA. 568+840 TYPICAL SECTIONS
C305	CULVERT STA. 569+950 TYPICAL SECTIONS
C306	CULVERT FISH BAFFLE DETAILS
C307	SIGN DETAILS
C401 - C413	HIGHWAY CROSS SECTIONS
C501 - C503	STA. 568+840 CULVERT ENVIRONMENTAL CONSTRUCTION STAGING - PLAN VIEW PHASE 1 TO 3
C504 - C505	STA. 569+950 CULVERT ENVIRONMENTAL CONSTRUCTION STAGING - PLAN VIEW PHASE 1 TO 2
C506	ENVIRONMENTAL CONSTRUCTION STAGING - CHECK DAM & FISH STOP NET DETAILS

SURVEY CONTROL MONUMENTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	6502365.584	426417.440	825.466	BASE
101	6502141.408	429207.457	794.161	SPK
102	6502178.495	429946.380	784.146	SPK
103	6502111.680	428403.910	803.166	SPK
MON 5761	6502675.644	424254.807	844.298	CONTROL MONUMENT
MON 5762	6502560.780	424058.100	845.727	CONTROL MONUMENT

VERIFY MONUMENT COORDINATES PRIOR TO CONSTRUCTION

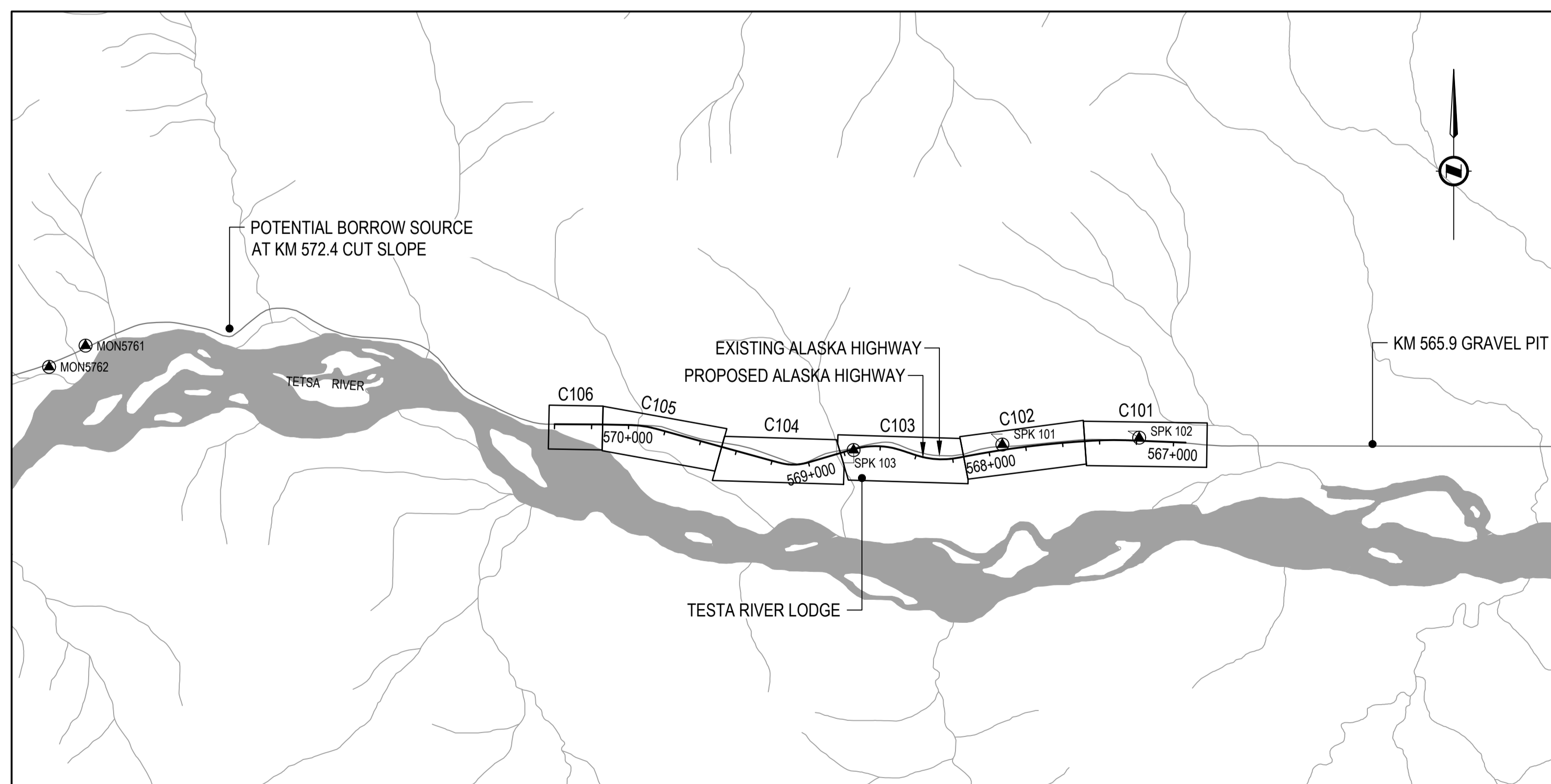
NOTES:

1. ELEVATIONS ARE GEODETIC AND DERIVED FROM DUAL FREQUENCY CARRIER PHASE GPS OBSERVATIONS PROCESSED USING PSPC CONTROL MONUMENTS.
2. COORDINATE SYSTEM: UTM NAD 83 ZONE 10.
3. BASE MAPPING FROM TOPOGRAPHIC SURVEY PERFORMED BY APEX SURVEYING SOLUTIONS LTD. (JULY 2019 AND OCTOBER 2020).
4. ONSITE CONTROL MONUMENTS NOT LISTED ABOVE SHALL NOT BE USED.

LEGEND

LINETYPE (EXISTING)	LINETYPE (PROPOSED)
INLET=600 mm #OUTLET=989.406 m CSP 989.188 m L = 13.947 m	CULVERT
TOP OF BANK	LIMIT OF CUT / FILL
HIGHWAY CENTERLINE	HIGHWAY CONTROL LINE
535 2.0 m CONTOUR	EDGE OF GRAVEL
EDGE OF BST	
F/O FIBRE OPTIC CABLE	
SINGLE POST SIGN	SINGLE POST SIGN
MULTI POST SIGN	MULTI POST SIGN
PARCEL BOUNDARY	
EX. ROW RIGHT OF WAY	PR. ROW PROPOSED RIGHT-OF-WAY BOUNDARY
TREE LINE (APPROX.)	
DITCH	DITCH
RIPRAP	RIPRAP
CONTROL MONUMENT / SPIKE	
GATE	GATE
EDGE OF GRAVEL	
	TREE CLEARING
	DECOMMISSIONED HIGHWAY (PULVERIZE)

PROJECT KEY PLAN



SCALE: 1:20,000

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI

Designed by/Concepé par
E. YANG / M. KELEHER

Drawn by/Dessiné par
A. DEEPWELL

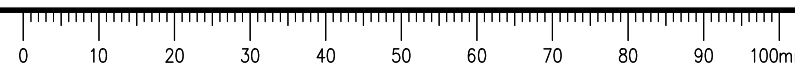
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
PROJECT LOCATION PLAN, PROJECT KEY PLAN, DRAWING INDEX, SURVEY CONTROL MONUMENTS AND LEGEND

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C001	0



ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.
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 - REFER TO TABLE ON SHEET C307 FOR SIGN LAYOUT DETAILS.

LEGEND
 (PROFILE / SUPERELEVATION)
 LT = LEFT SIDE
 RT = RIGHT SIDE
 NC = NORMAL CROWN
 ST = SPIRAL TO TANGENT
 RC = REVERSE CROWN
 SC = SPIRAL TO CURVE
 CS = CURVE TO SPIRAL

PROFILE:
 PROPOSED FINISHED GRADE _____
 ORIGINAL GROUND _____

SUPERELEVATION:
 LEFT HAND SIDE _____
 RIGHT HAND SIDE _____



DESIGN SPEED 100 km/h

0 50
 (H) Scale: 1:1000 (metres)
 0 5
 (V) Scale: 1:100 (metres)

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

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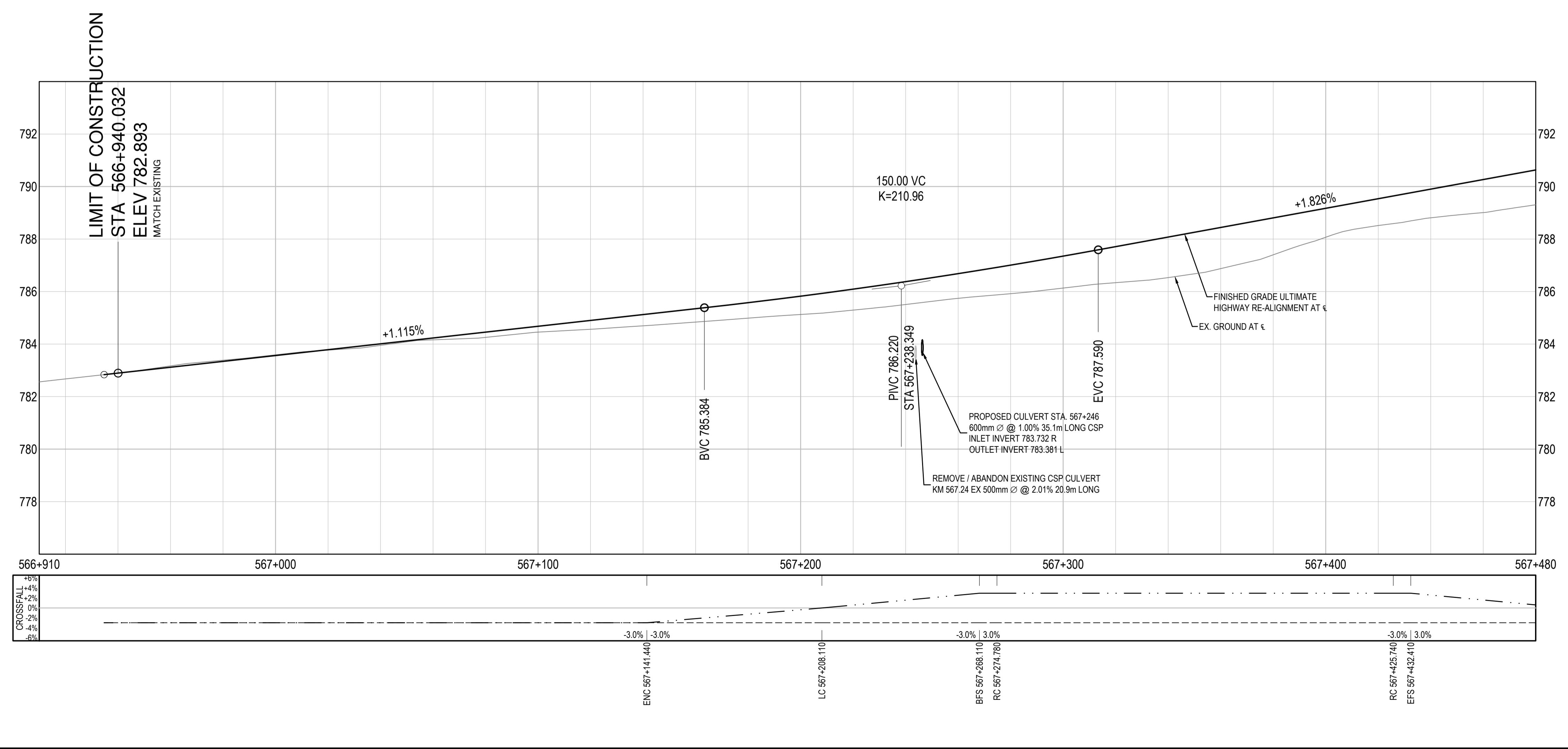
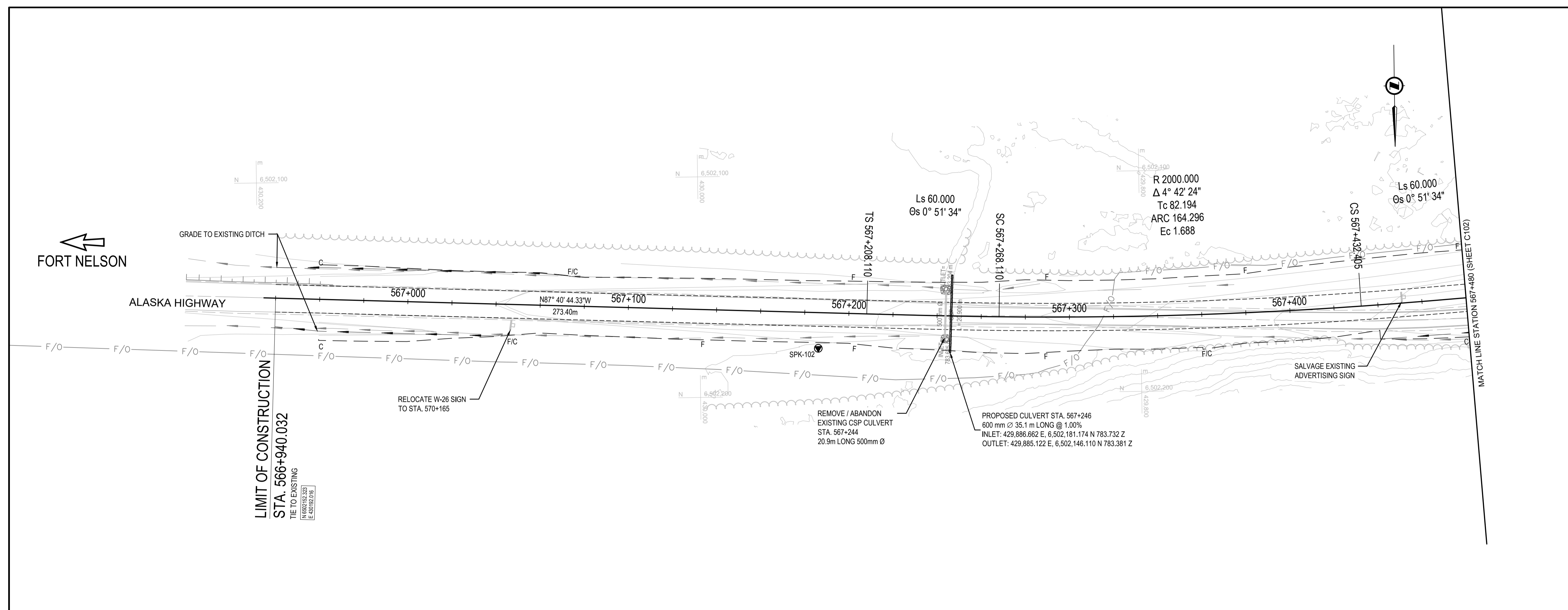
PWSC Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSCG

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Public Services and Procurement Canada

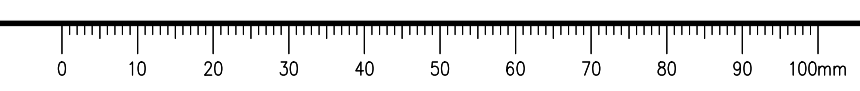
Drawing title/Titre du dessin

**HIGHWAY PLAN / PROFILE:
 STA. 566+935 TO STA. 567+480**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C101	0



Q:\Vancouver\Transportation\TRN\HWY03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C101-C106 PLAN PROFILE.dwg [C101] June 02, 2021 - 12:57:54 pm (BY: LEO.BRANDON)



ISSUED FOR TENDER

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 RC = REVERSE CROWN
 SC = SPIRAL TO CURVE
 CS = CURVE TO SPIRAL

PROFILE:
 PROPOSED FINISHED GRADE _____
 ORIGINAL GROUND _____

SUPERELEVATION:
 LEFT HAND SIDE _____
 RIGHT HAND SIDE _____



DESIGN SPEED 100 km/h

0 50
 (H) Scale: 1:1000 (metres)
 0 5
 (V) Scale: 1:100 (metres)

o	ISSUED FOR TENDER	21/06/02
Revision	Description/Description	Date/Date

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approuvé par
S. LI

Designed by/Conçu par
E. YANG / M. KELEHER

Drawn by/Dessiné par
A. DEEPWELL

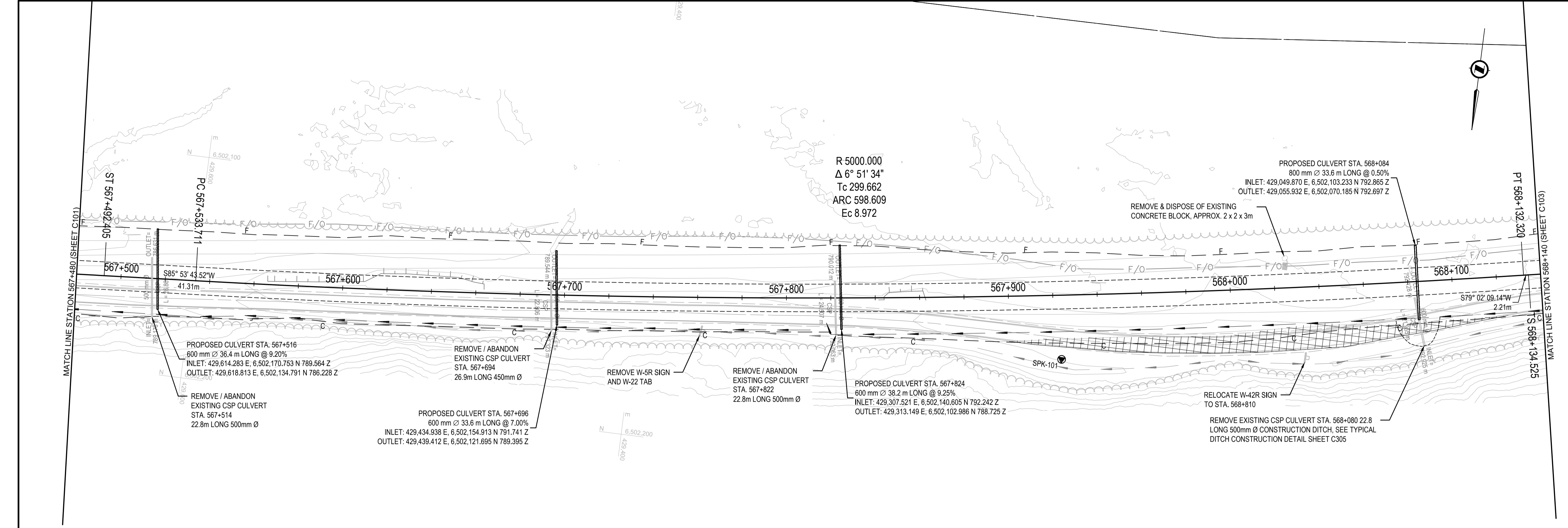
PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

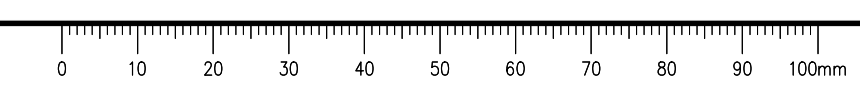
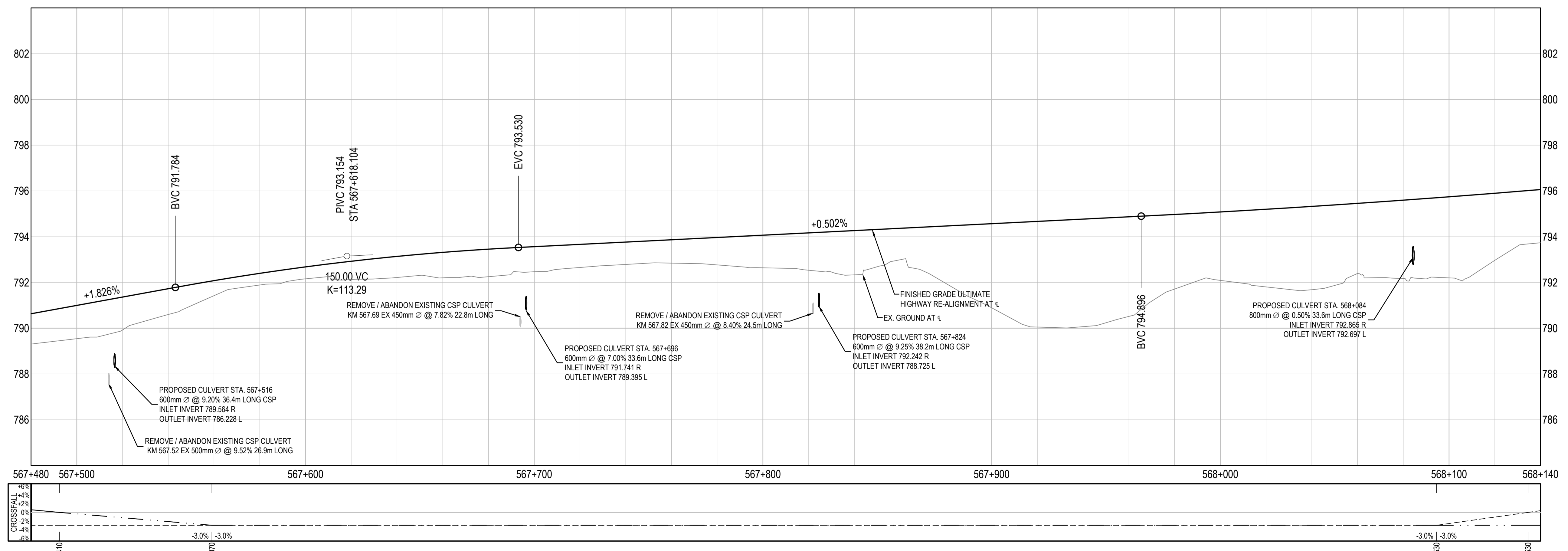
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
HIGHWAY PLAN / PROFILE: STA. 567+480 TO STA. 568+140

Project No./No. du projet R.112220.002	Sheet/Feuille C102	Revision no./La Révision no. 0
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ISSUED FOR TENDER

- GENERAL NOTES:
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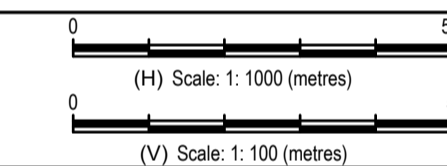
LEGEND
(PROFILE / SUPERELEVATION)
LT = LEFT SIDE
RT = RIGHT SIDE
NC = NORMAL CROWN
ST = SPIRAL TO TANGENT
RC = REVERSE CROWN
SC = SPIRAL TO CURVE
CS = CURVE TO SPIRAL

PROFILE:
PROPOSED FINISHED GRADE
ORIGINAL GROUND

SUPERELEVATION:
LEFT HAND SIDE
RIGHT HAND SIDE



DESIGN SPEED 100 km/h



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client: Public Services and Procurement Canada

Public Services and Procurement Canada



Project title/Titre du projet: KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approve par: S. LI

Designed by/Concept par: E. YANG / M. KELEHER

Drawn by/Dessine par: A. DEEPWELL

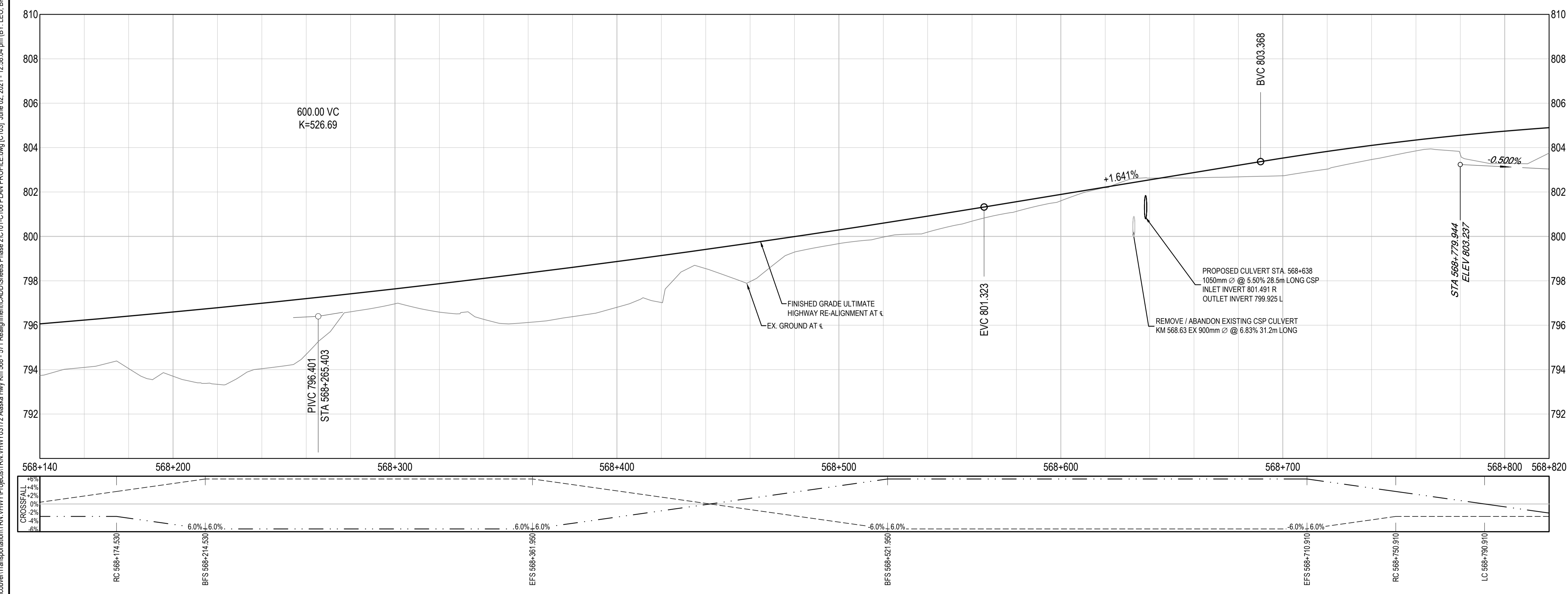
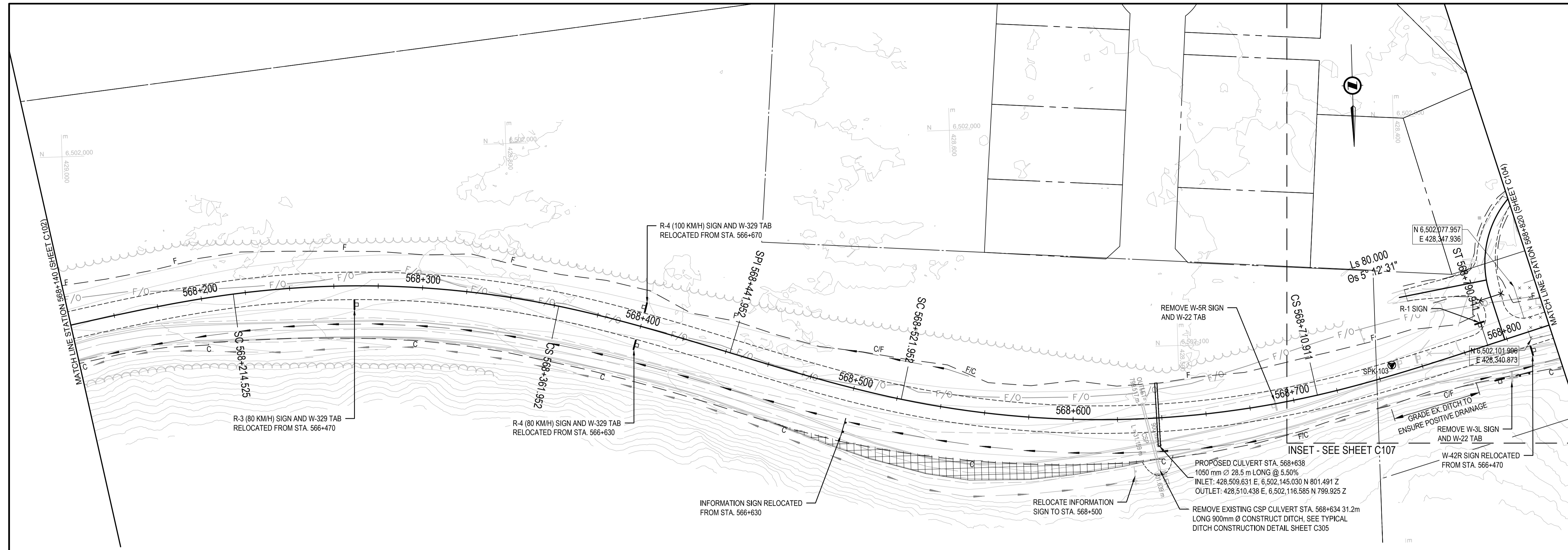
PWGSC Project Manager/Administrateur de Projets TPSCG: A. TAHERI

PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client: Public Services and Procurement Canada

Drawing title/Titre du dessin: HIGHWAY PLAN / PROFILE: STA. 568+140 TO STA. 568+820

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C103	0



ISSUED FOR TENDER

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 RC = REVERSE CROWN
 SC = SPIRAL TO CURVE
 CS = CURVE TO SPIRAL

PROFILE:
 PROPOSED FINISHED GRADE
 ORIGINAL GROUND

SUPERELEVATION:
 LEFT HAND SIDE
 RIGHT HAND SIDE



DESIGN SPEED 80/100 km/h

(H) Scale: 1:1000 (metres)
 (V) Scale: 1:100 (metres)

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



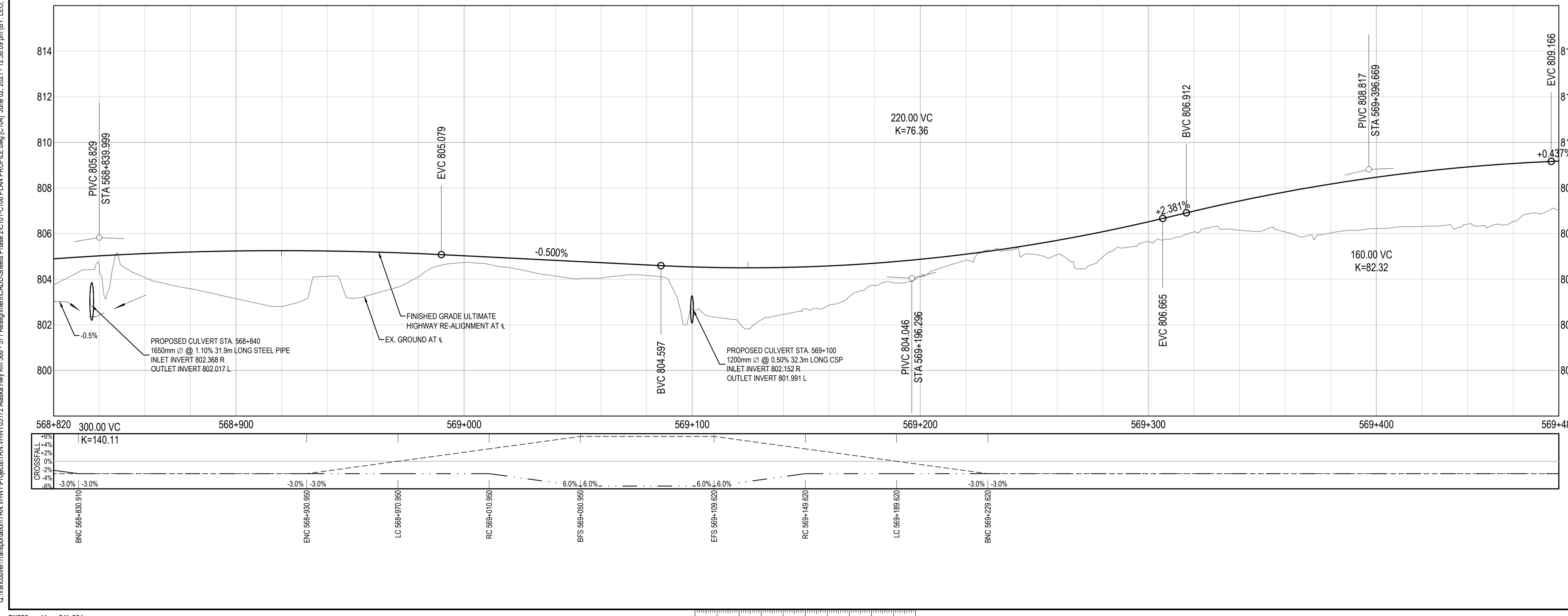
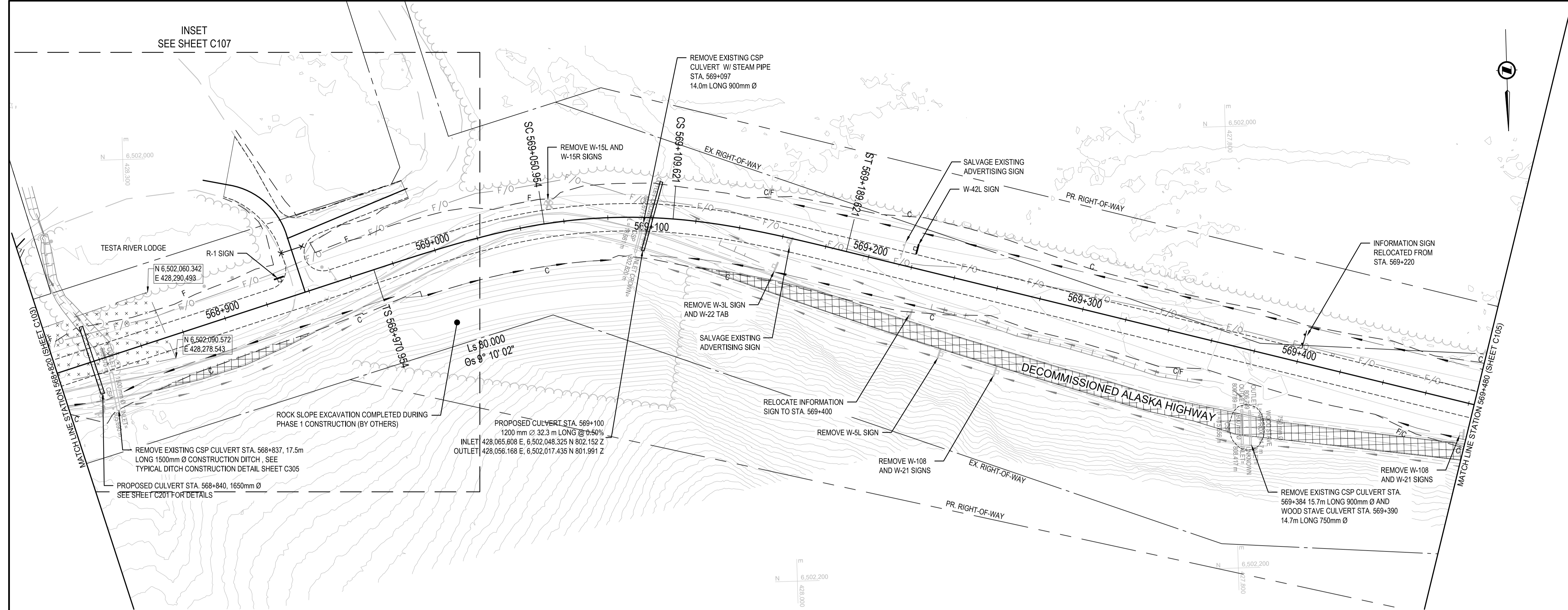
Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
 S. LI
 Designed by/Concept par
 E. YANG / M. KELEHER
 Drawn by/Dessine par
 A. DEERPWELL
 PWGSC Project Manager/Administrateur de Projets TPSCG
 A. TAHERI
 PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

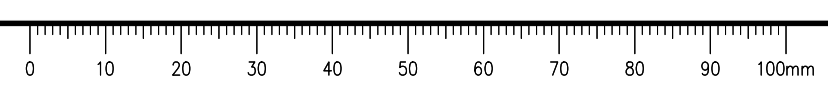
Client/client
Public Services and Procurement Canada
 Drawing title/Titre du dessin

**HIGHWAY PLAN / PROFILE:
 STA. 568+820 TO STA. 569+480**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C104	0



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ISSUED FOR TENDER

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PROFILE:
 PROPOSED FINISHED GRADE
 ORIGINAL GROUND

SUPERELEVATION:
 LEFT HAND SIDE
 RIGHT HAND SIDE



DESIGN SPEED 100 km/h

(H) Scale: 1:1000 (metres)
 (V) Scale: 1:100 (metres)

o	ISSUED FOR TENDER	21/06/02
Revision	Description/Description	Date/Date

Client/client
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KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

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E. YANG / M. KELEHER

Drawn by/Dessine par
A. DEEPWELL

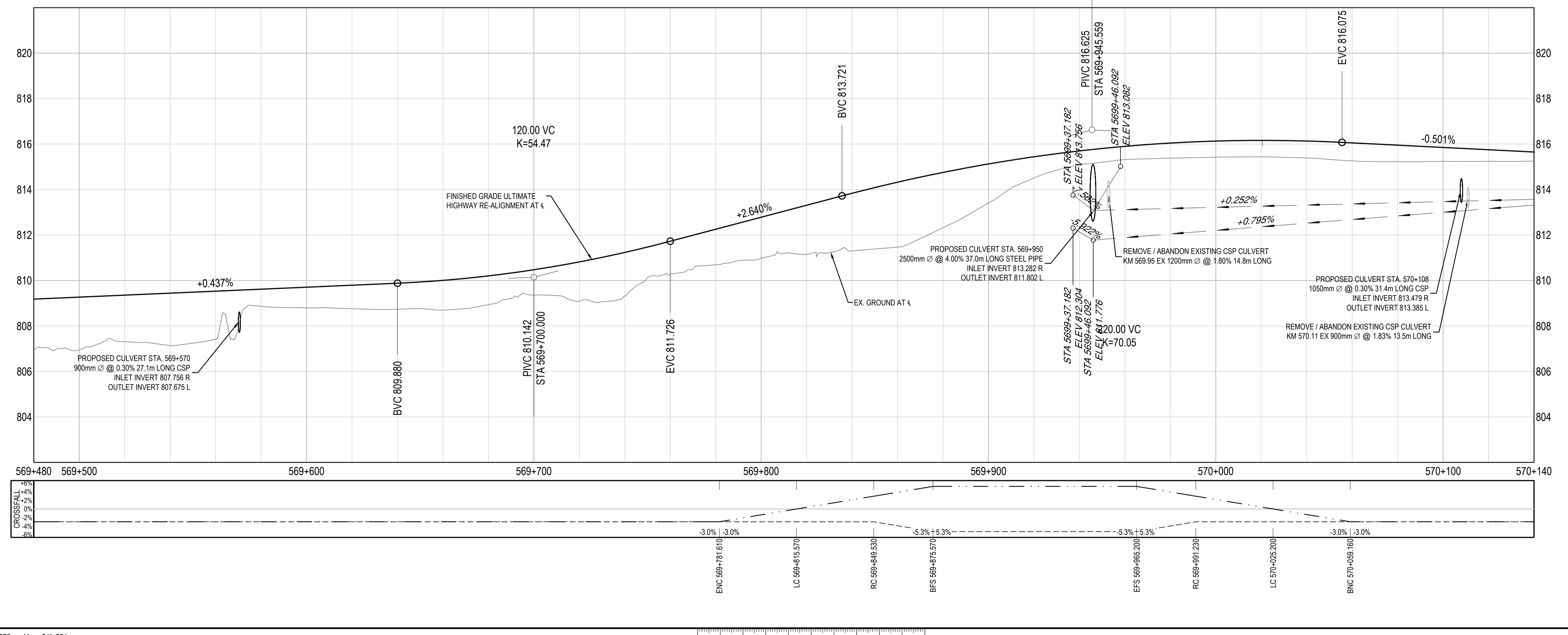
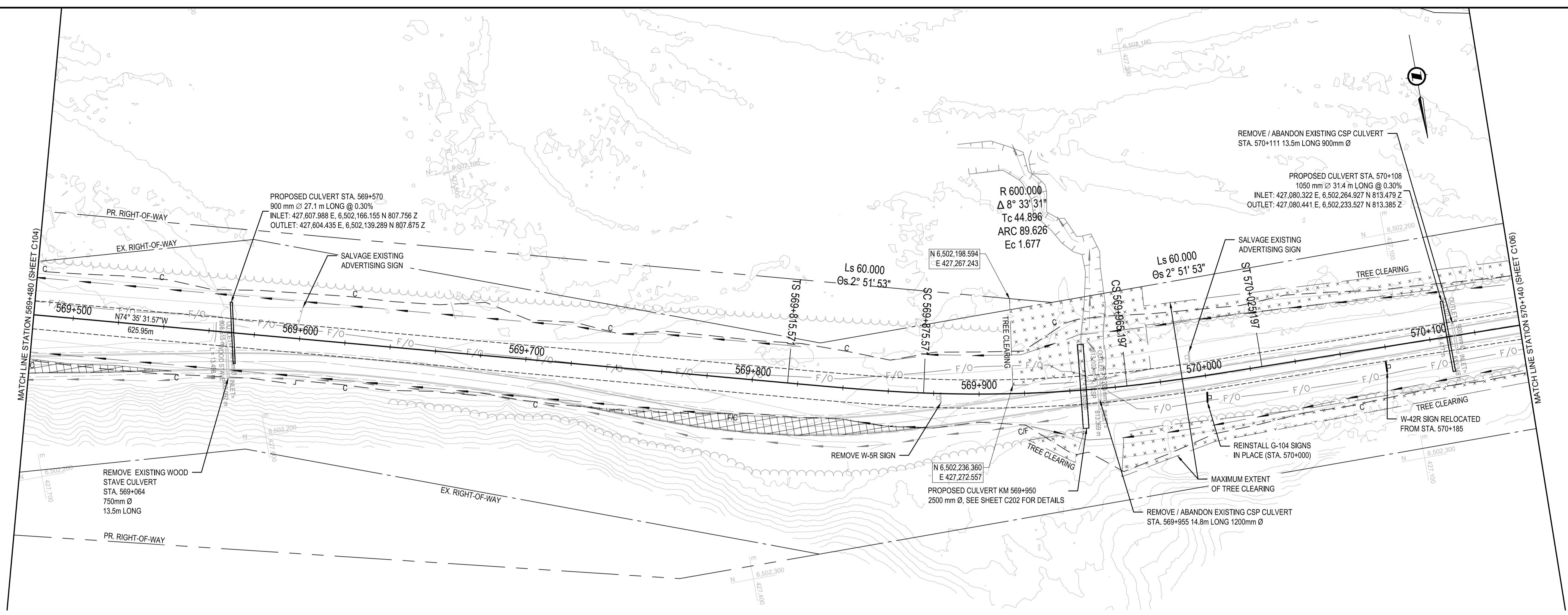
PWSC Project Manager/Administrateur de Projets TPSC
A. TAHERI

PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSC

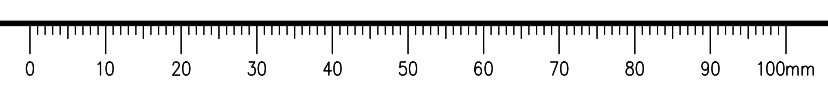
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
HIGHWAY PLAN / PROFILE: STA. 569+480 TO STA. 570+140

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C105	0



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ISSUED FOR TENDER

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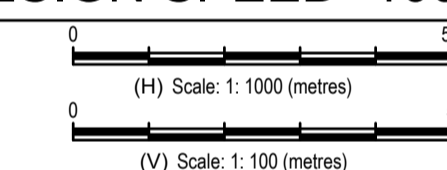
LEGEND
(PROFILE / SUPERELEVATION)
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PROFILE:
PROPOSED FINISHED GRADE _____
ORIGINAL GROUND _____

SUPERELEVATION:
LEFT HAND SIDE _____
RIGHT HAND SIDE _____



DESIGN SPEED 100 km/h



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client

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Project title/Titre du projet

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RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

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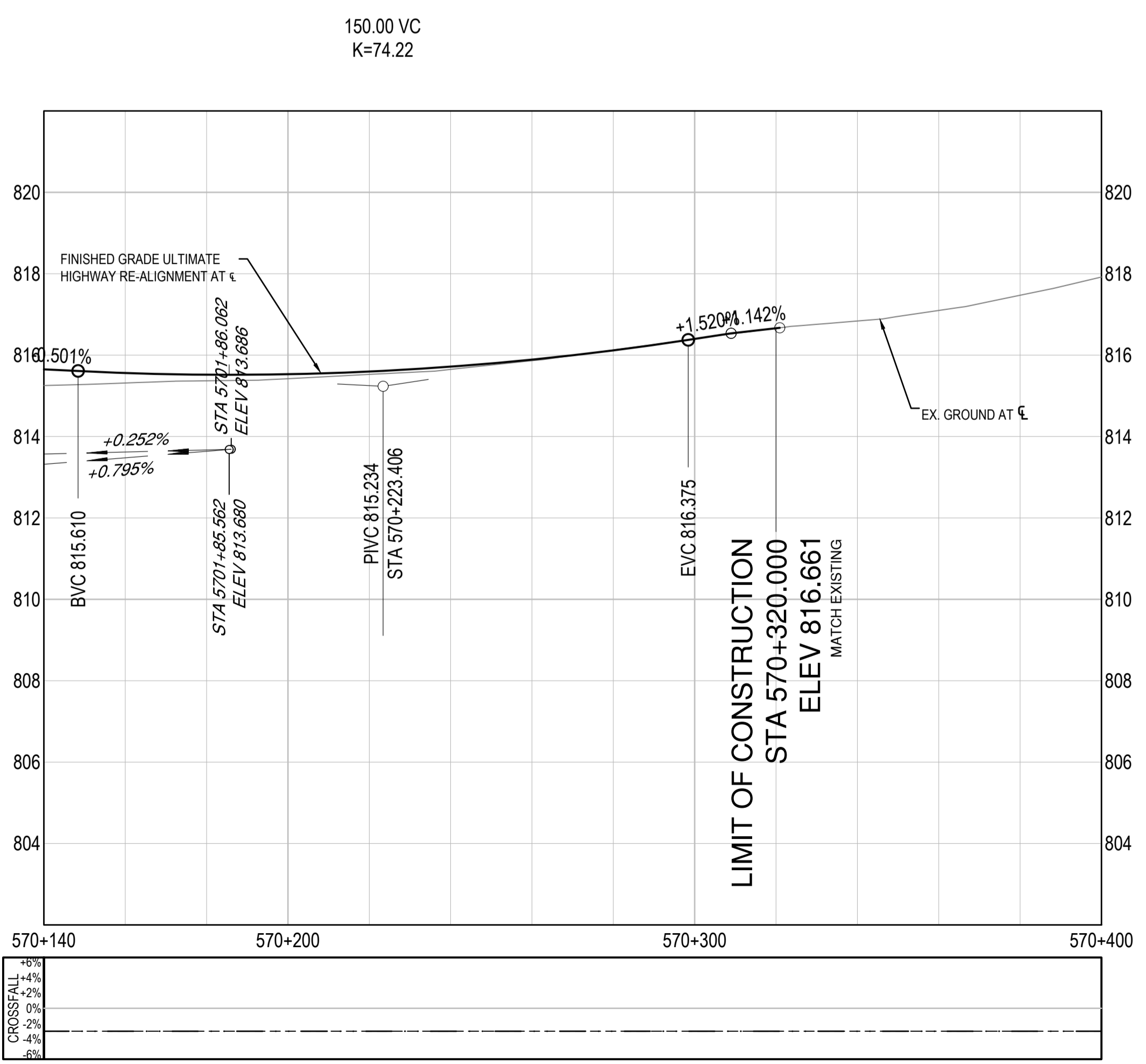
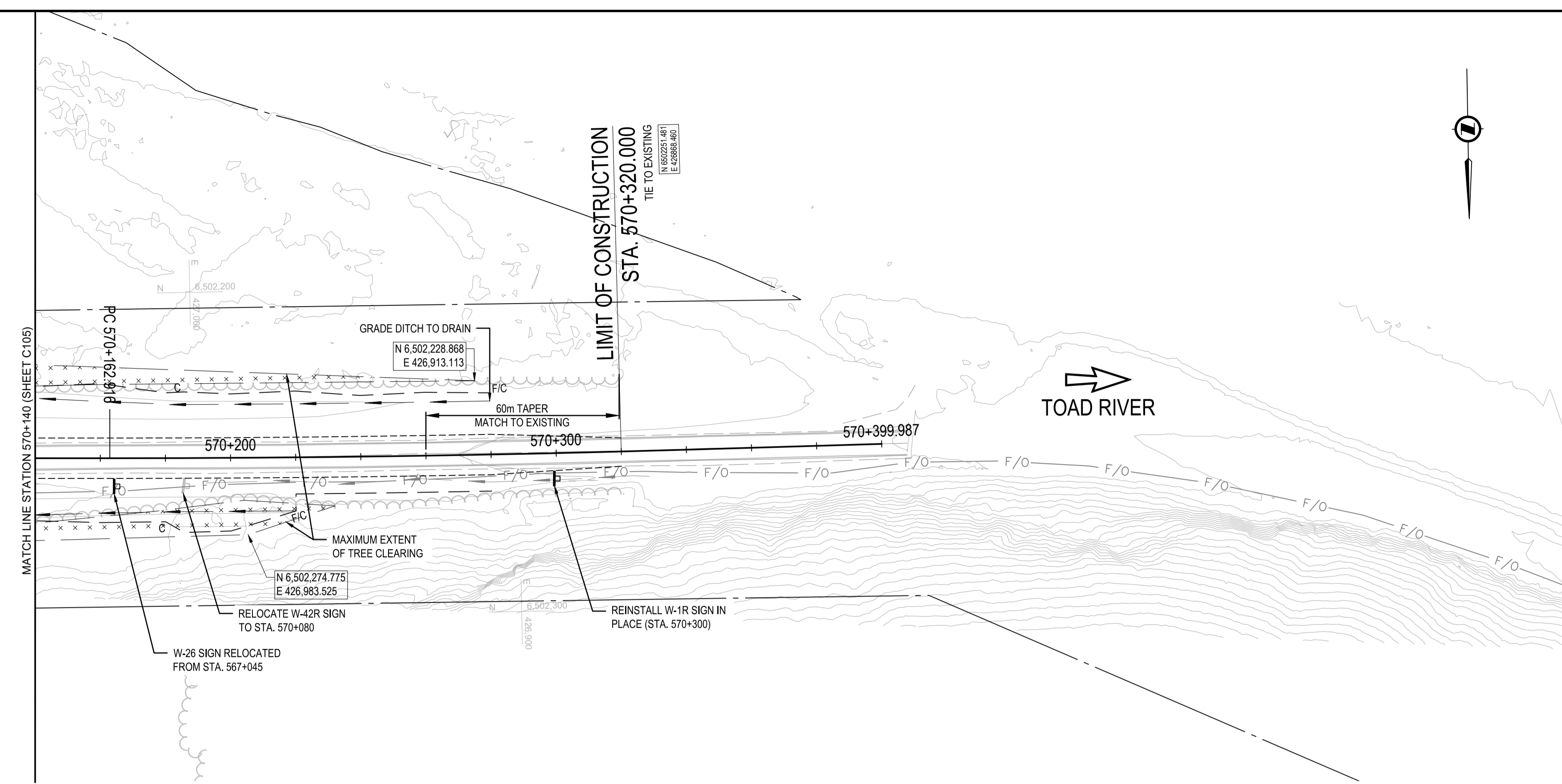
PWSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

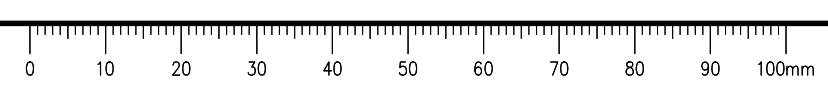
Drawing title/Titre du dessin

**HIGHWAY PLAN / PROFILE:
STA. 570+140 TO STA. 570+320**

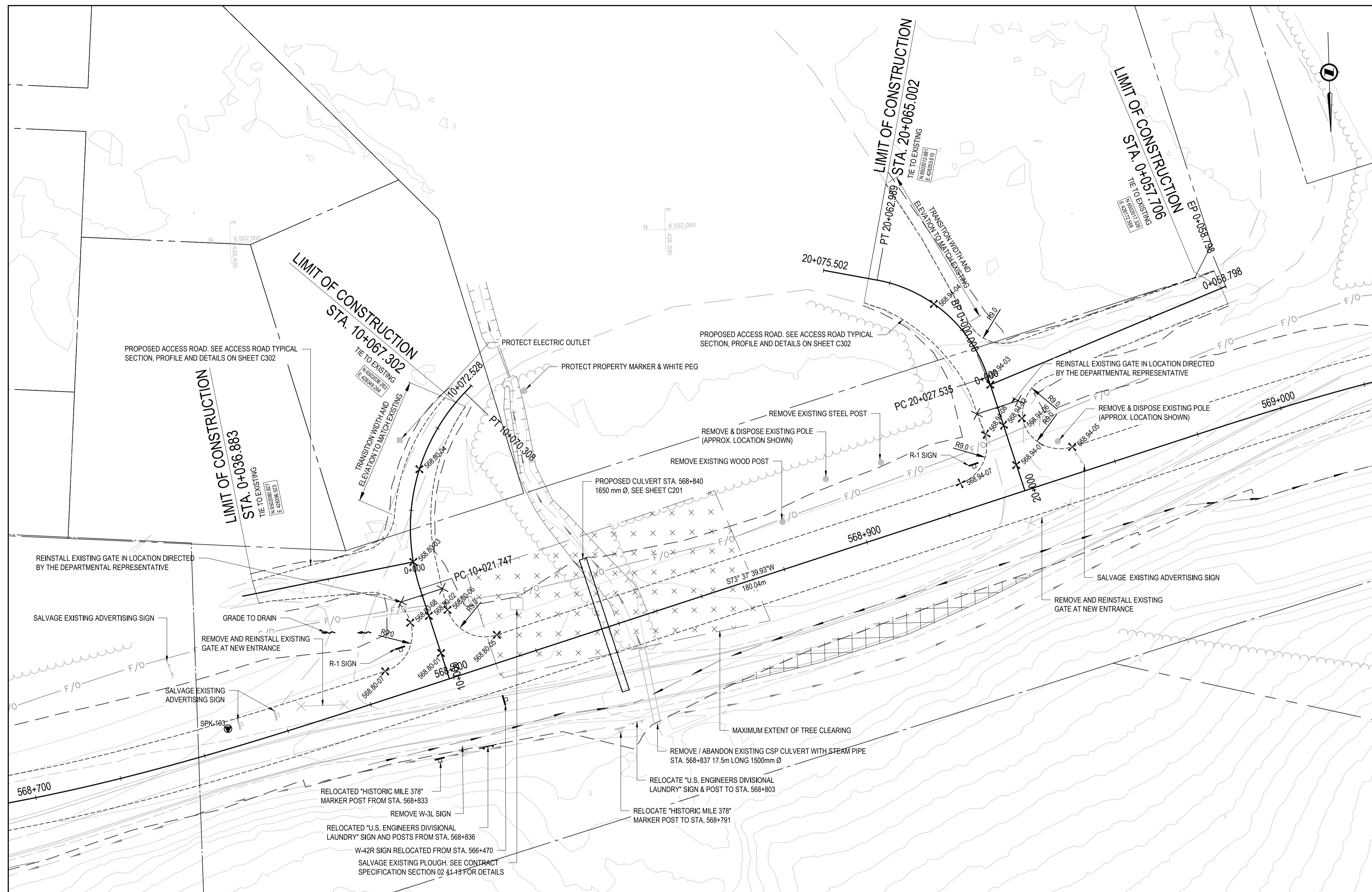
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C106	0



150.00 VC
K=74.22



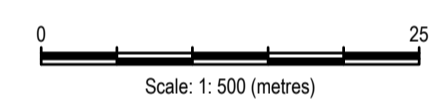
ISSUED FOR TENDER



INSET

LAYOUT TABLE				
POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
568.94-01	6.502,056.550	428,220.935	805.092	CENTERLINE
568.94-02	6.502,047.303	428,223.580	804.650	CENTERLINE
568.94-03	6.502,037.905	428,226.341	803.964	CENTERLINE
568.94-04	6.502,018.958	428,238.762	802.359	CENTERLINE
568.94-05	6.502,052.740	428,207.932	805.125	GRAVEL EDGE
568.94-06	6.502,045.831	428,219.323	804.473	GRAVEL EDGE
568.94-07	6.502,060.353	428,233.844	805.074	GRAVEL EDGE
568.94-08	6.502,049.249	428,227.699	804.531	GRAVEL EDGE

LAYOUT TABLE				
POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
568.80-01	6.502,095.768	428,354.425	804.545	CENTERLINE
568.80-02	6.502,087.143	428,356.959	804.116	CENTERLINE
568.80-03	6.502,074.650	428,360.161	803.211	CENTERLINE
568.80-04	6.502,053.393	428,358.131	801.798	CENTERLINE
568.80-05	6.502,091.972	428,341.469	804.653	GRAVEL EDGE
568.80-06	6.502,085.874	428,352.641	803.981	GRAVEL EDGE
568.80-07	6.502,099.583	428,367.379	804.420	GRAVEL EDGE
568.80-08	6.502,088.568	428,361.297	803.969	GRAVEL EDGE



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



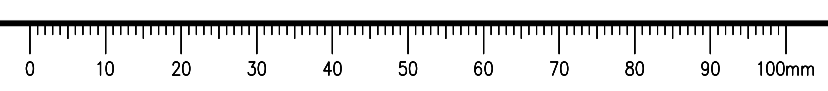
Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI
Designed by/Concept par
E. YANG / M. KELEHER
Drawn by/Dessine par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin
TETSA RIVER LODGE ACCESS PLAN

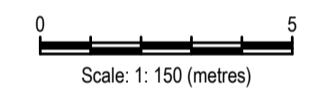
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C107	0

Q:\Vancouver\Transportation\TRN\WV\03172 Alaska Hwy km 568 - 571 Realignment\CADD\Sheets Phase 2\C101-C106 PLAN PROFILE.dwg [C107] June 02, 2021 - 12:58:25 pm (BY: LEO.BRANDON)



ISSUED FOR TENDER

GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.
 2. LOCATION OF FIBRE OPTIC CABLE IS APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.



0	ISSUED FOR TENDER	21/06/22
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Client/client: **Public Services and Procurement Canada**

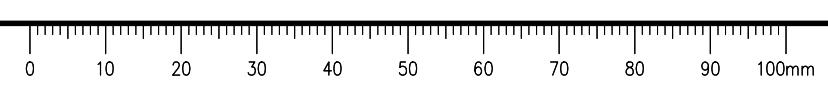
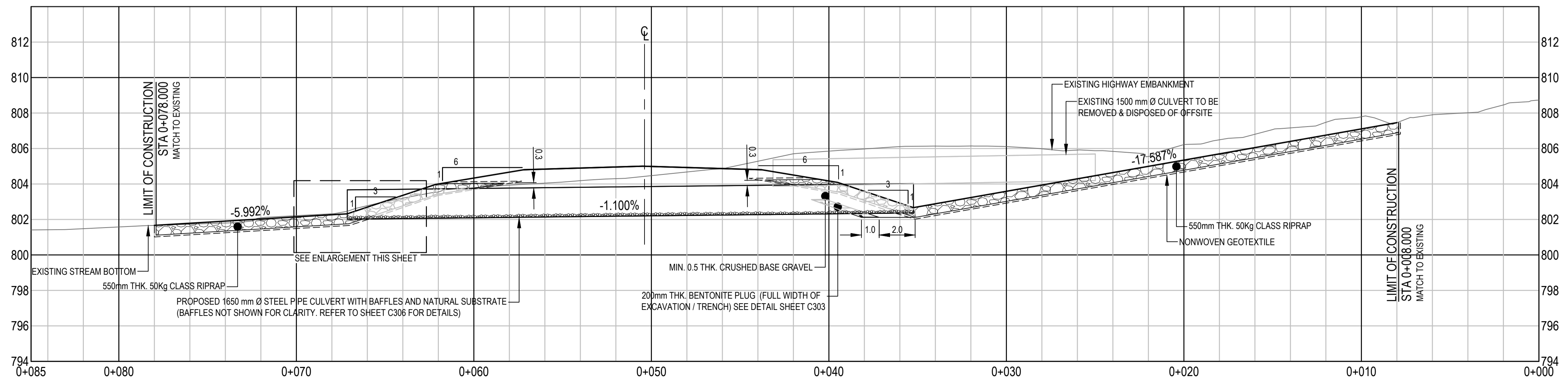
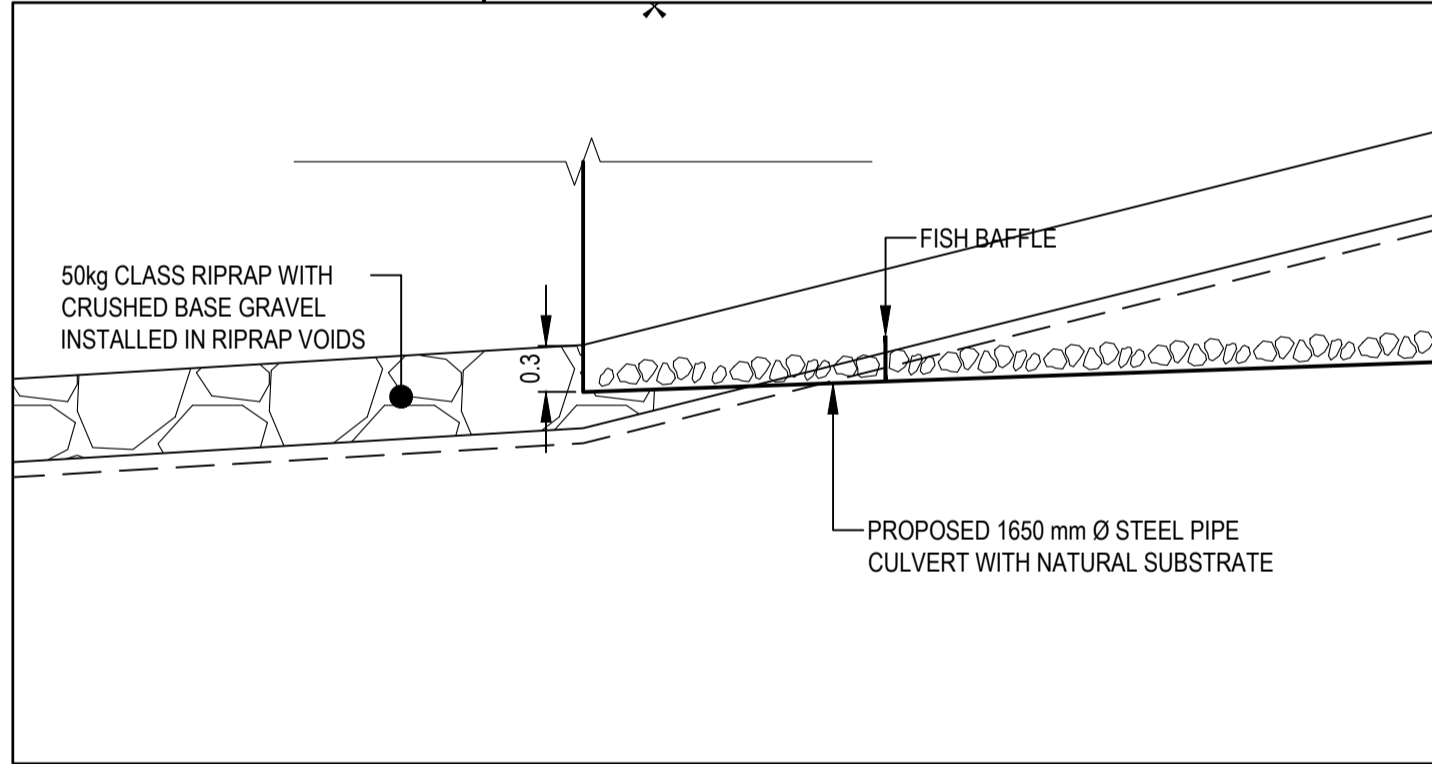
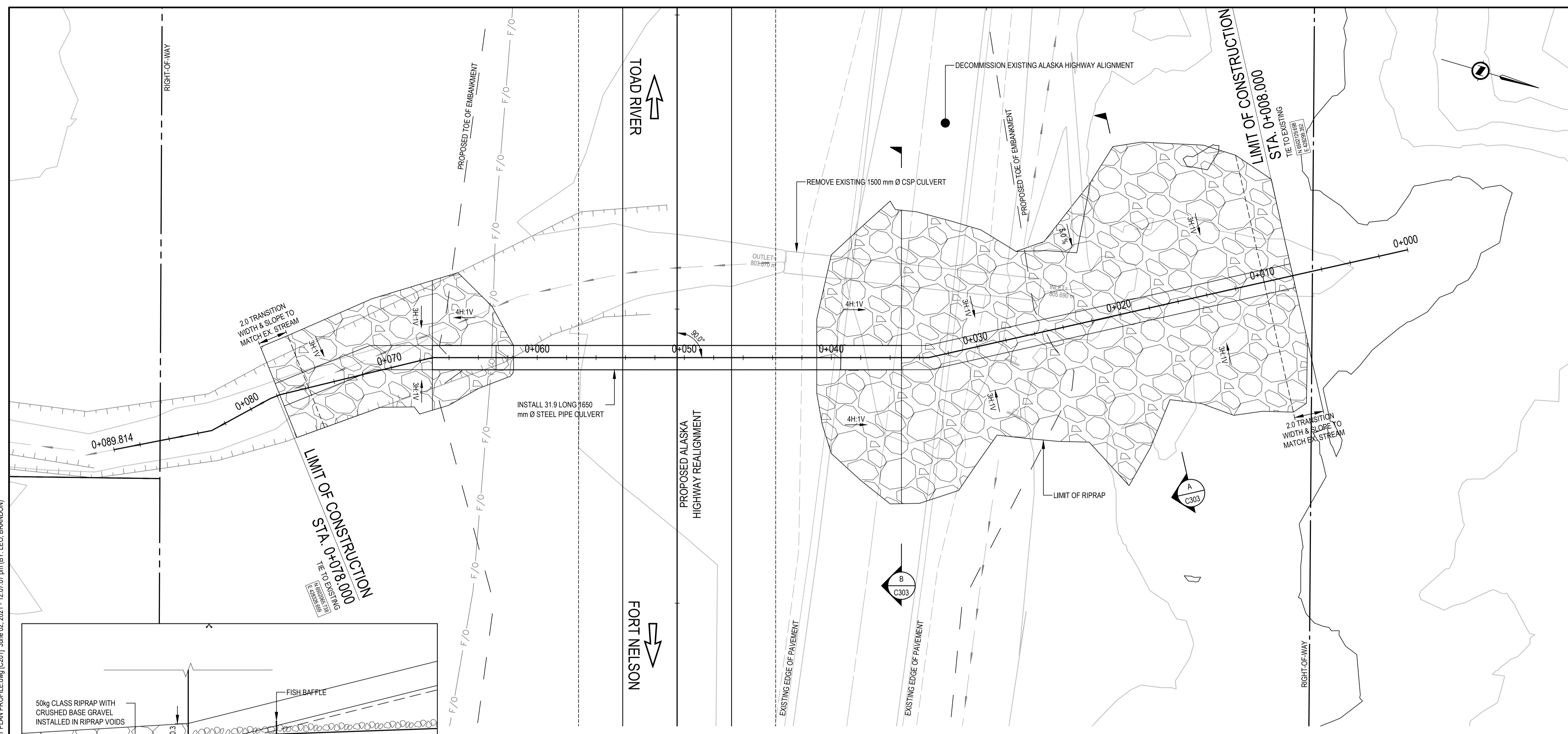


Project title/Titre du projet:
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par: **S. LI**
 Designed by/Concept par: **E. YANG / M. KELEHER**
 Drawn by/Dessine par: **A. DEEPWELL**
 PWGSC Project Manager/Administrateur de Projets TPSCG: **A. TAHERI**
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client: **Public Services and Procurement Canada**
 Drawing title/Titre du dessin:
CULVERT STA. 568+840 PLAN / PROFILE

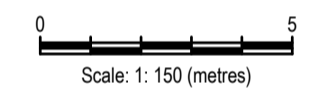
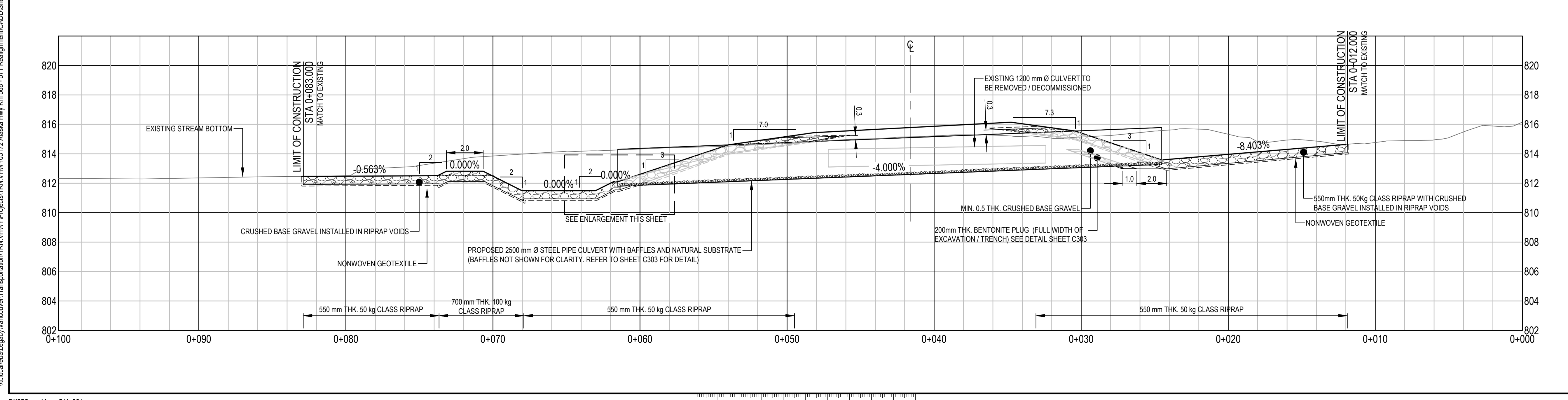
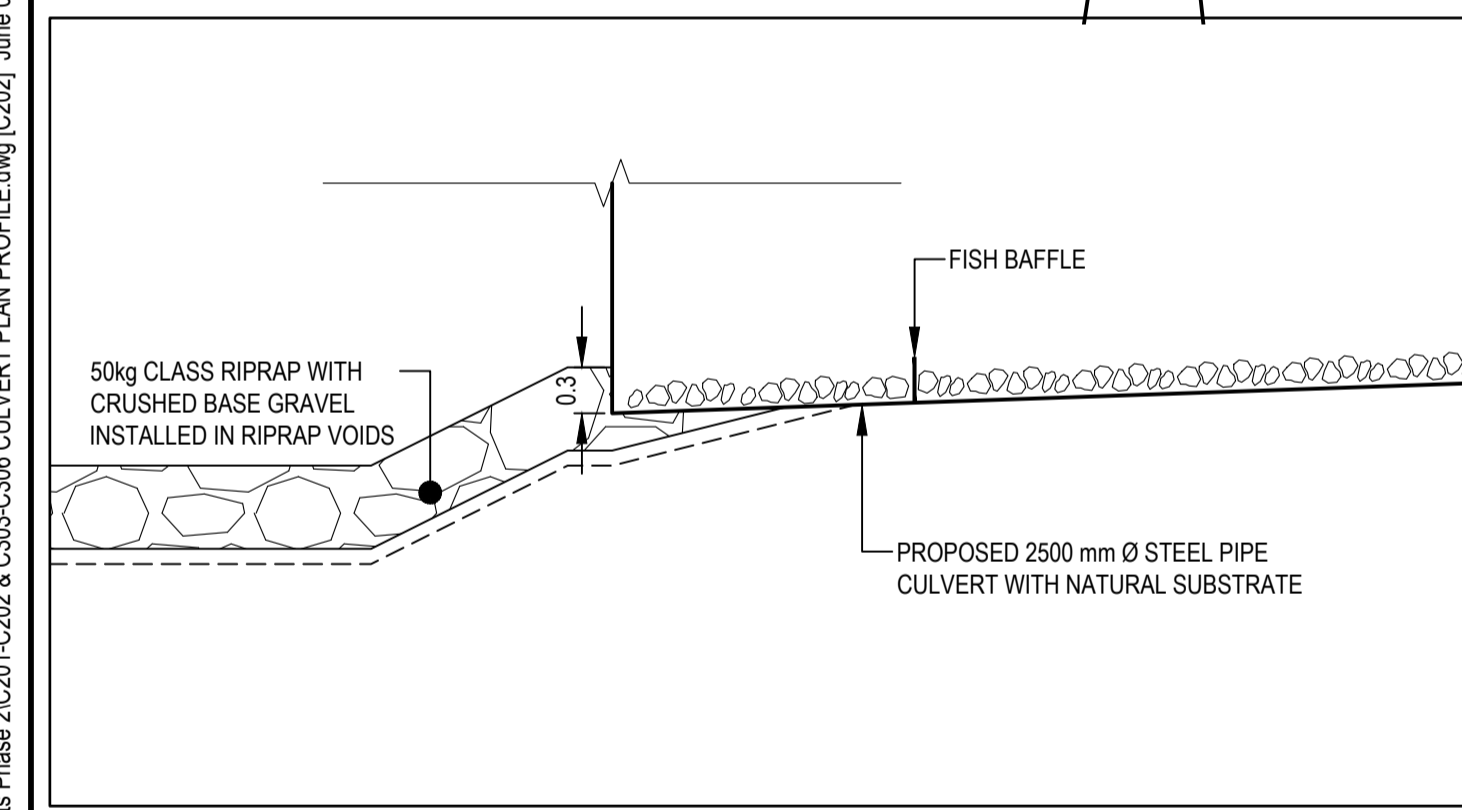
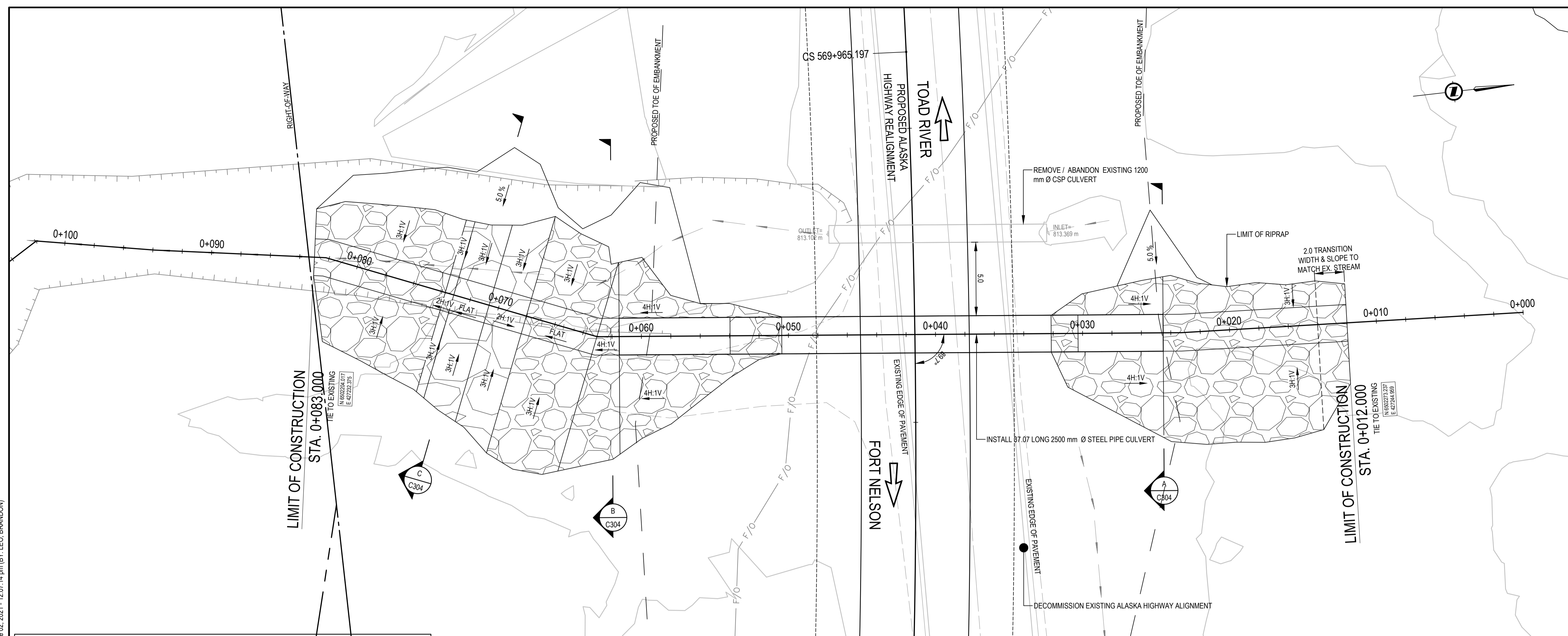
Project No./No. du projet: R.112220.002	Sheet/Feuille: C201	Revision no./La Révision no.: 0
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ISSUED FOR TENDER

GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.
 2. LOCATION OF FIBRE OPTIC CABLE IS APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.



0	ISSUED FOR TENDER	21/06/02
Revision	Description/Description	Date/Date

Client/client
Public Services and Procurement Canada

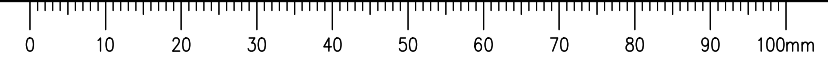


Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI
 Designed by/Concept par
E. YANG / M. KELEHER
 Drawn by/Dessine par
A. DEEPWELL
 PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
 PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG
 Client/client
Public Services and Procurement Canada
 Drawing title/Titre du dessin

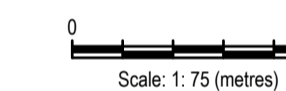
Project No./No. du projet R.112220.002	Sheet/Feuille C202	Revision no./La Révision no. 0
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ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
S. LI

Designed by/Concepté par
E. YANG / M. KELEHER

Drawn by/Dessiné par
A. DEEPWELL

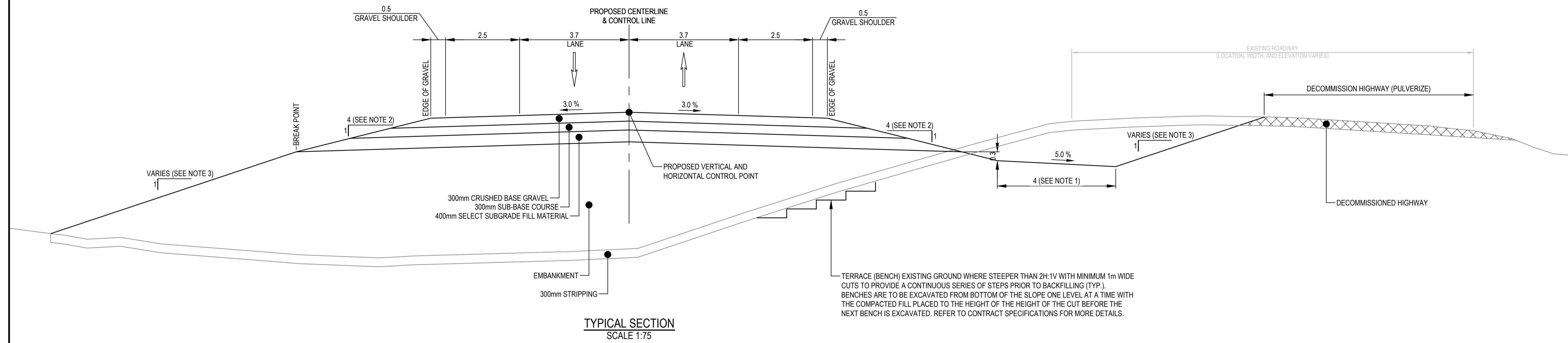
PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

PWSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

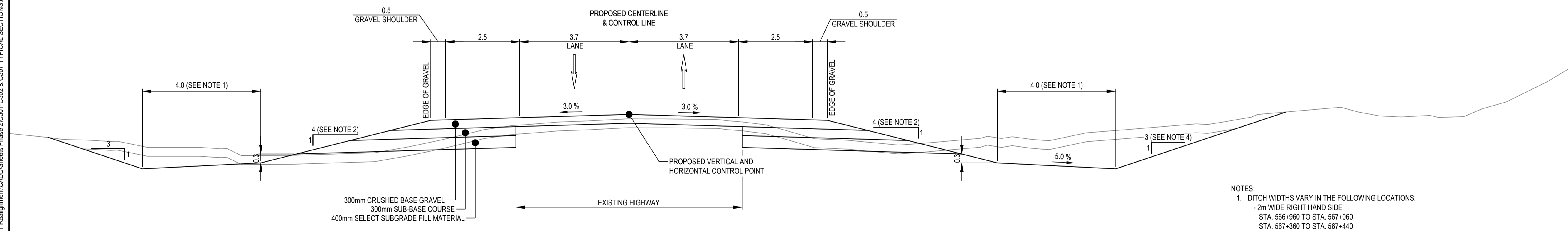
Drawing title/Titre du dessin
HIGHWAY TYPICAL SECTIONS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C301	0



TYPICAL SECTION
SCALE 1:75

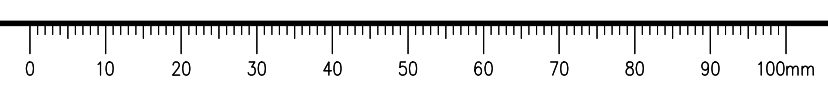
TERRACE (BENCH) EXISTING GROUND WHERE STEEPER THAN 2H:1V WITH MINIMUM 1m WIDE CUTS TO PROVIDE A CONTINUOUS SERIES OF STEPS PRIOR TO BACKFILLING (TYP.). BENCHES ARE TO BE EXCAVATED FROM BOTTOM OF THE SLOPE ONE LEVEL AT A TIME WITH THE COMPACTED FILL PLACED TO THE HEIGHT OF THE HEIGHT OF THE CUT BEFORE THE NEXT BENCH IS EXCAVATED. REFER TO CONTRACT SPECIFICATIONS FOR MORE DETAILS.



TYPICAL SECTION - WIDENING
TYPICAL FROM STA. 566+940 TO STA. 567+240
& FROM STA. 569+980 TO STA. 570+320
SCALE 1:75

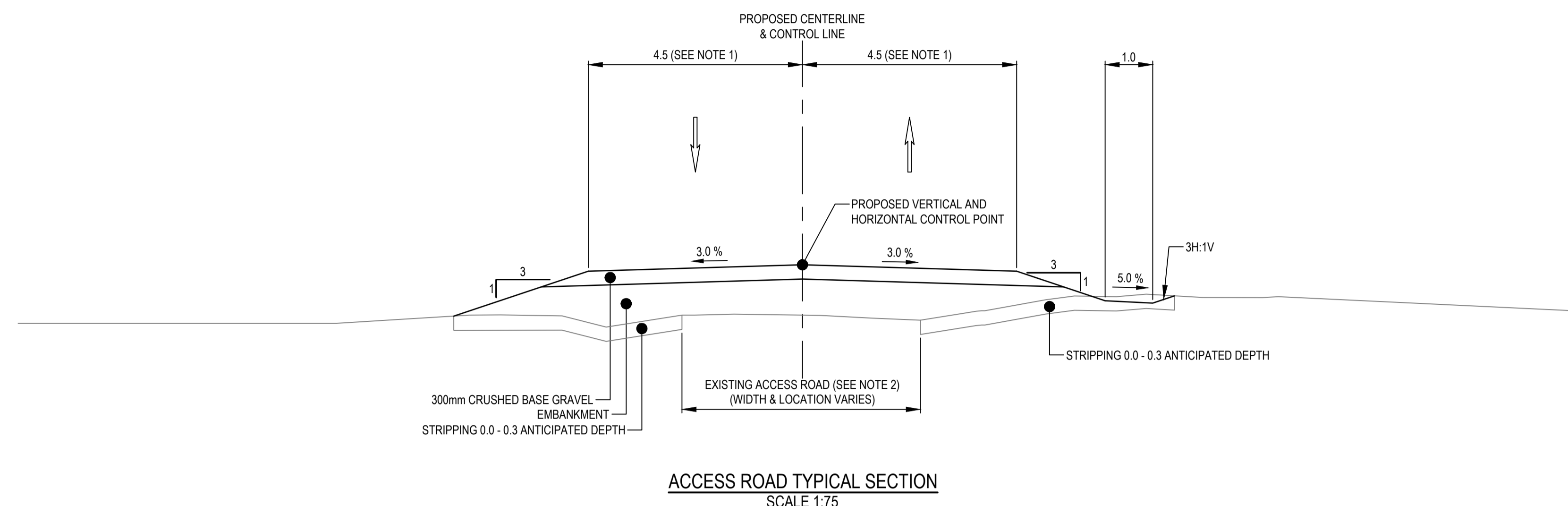
- NOTES:
- DITCH WIDTHS VARY IN THE FOLLOWING LOCATIONS:
- 2m WIDE RIGHT HAND SIDE
STA. 566+960 TO STA. 567+060
STA. 567+360 TO STA. 567+440
STA. 567+560 TO STA. 567+820
STA. 568+710 TO STA. 568+988
STA. 568+988 TO STA. 569+080
- 2m WIDE LEFT HAND SIDE
STA. 566+960 TO STA. 567+060
 - FLATTEN SLOPES VARY IN THE FOLLOWING LOCATIONS:
- STA. 568+840 STEEL PIPE CULVERT
4H:1V TO 6H:1V - STA. 568+800 TO STA. 568+820
6H:1V - STA. 568+820 TO STA. 568+860
6H:1V TO 4H:1V - STA. 568+860 TO STA. 568+880
- STA. 569+950 STEEL PIPE CULVERT
4H:1V TO 6H:1V - STA. 569+510 TO STA. 569+530
6H:1V - STA. 569+530 TO STA. 569+970
6H:1V TO 4H:1V - STA. 569+970 TO STA. 569+990
SEE SHEETS C201 AND C202 FOR DETAILS
 - 4H:1V TYPICAL FILL SLOPES. 3H:1V FILL SLOPE IN THE FOLLOWING HIGH FILL AREAS:
- RIGHT HAND SIDE 3H:1V
STA. 567+240 TO STA. 567+300
- LEFT HAND SIDE 3H:1V
STA. 567+300 TO STA. 568+240
STA. 568+960 TO STA. 569+100
 - STEEPEN DITCH BACKSLOPES TO 2H:1V IN THE FOLLOWING LOCATIONS:
- RIGHT HAND SIDE
STA. 567+960 TO STA. 567+820
STA. 568+800 TO STA. 568+960
STA. 569+600 TO STA. 569+680
STA. 570+140 TO STA. 570+220

I:\Local\alLegacy\ancouver\Transportation\TRN\VHWY\Projects\TRN\VHWY\03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets\Phase 2\C301-C302 & C307 TYPICAL SECTIONS.dwg [C301] June 02, 2021 - 12:02:33 pm [BY: LEO, BRANDON]



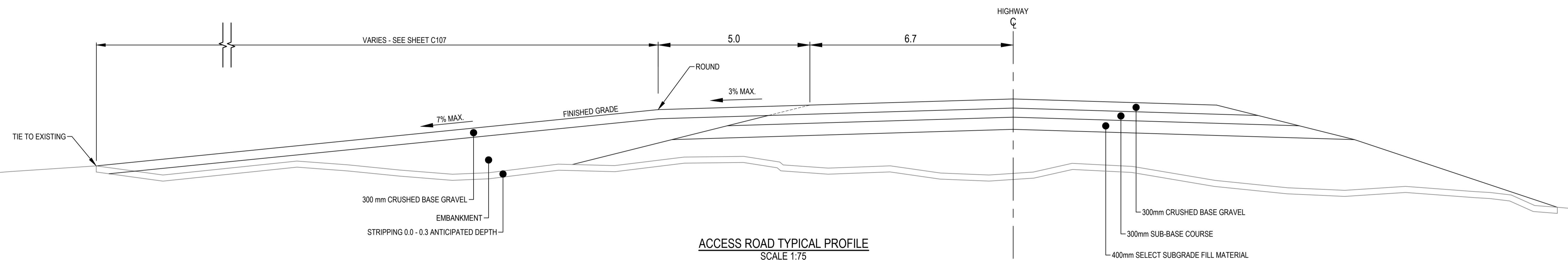
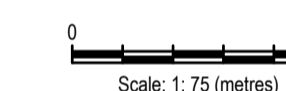
ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



ACCESS ROAD TYPICAL SECTION
SCALE 1:75

NOTES:
1. TRANSITION WIDTH TO MATCH EXISTING ACCESS ROAD AS SHOWN ON C107 OR AS DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE.
2. STRIP ALL AREAS WITHIN PROPOSED ACCESS ROAD FOOTPRINT OUTSIDE THE LIMITS OF EXISTING ACCESS ROAD.



ACCESS ROAD TYPICAL PROFILE
SCALE 1:75

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approve par
S. LI

Designed by/Concept par
E. YANG / M. KELEHER

Drawn by/Dessine par
A. DEEPWELL

PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

PWSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

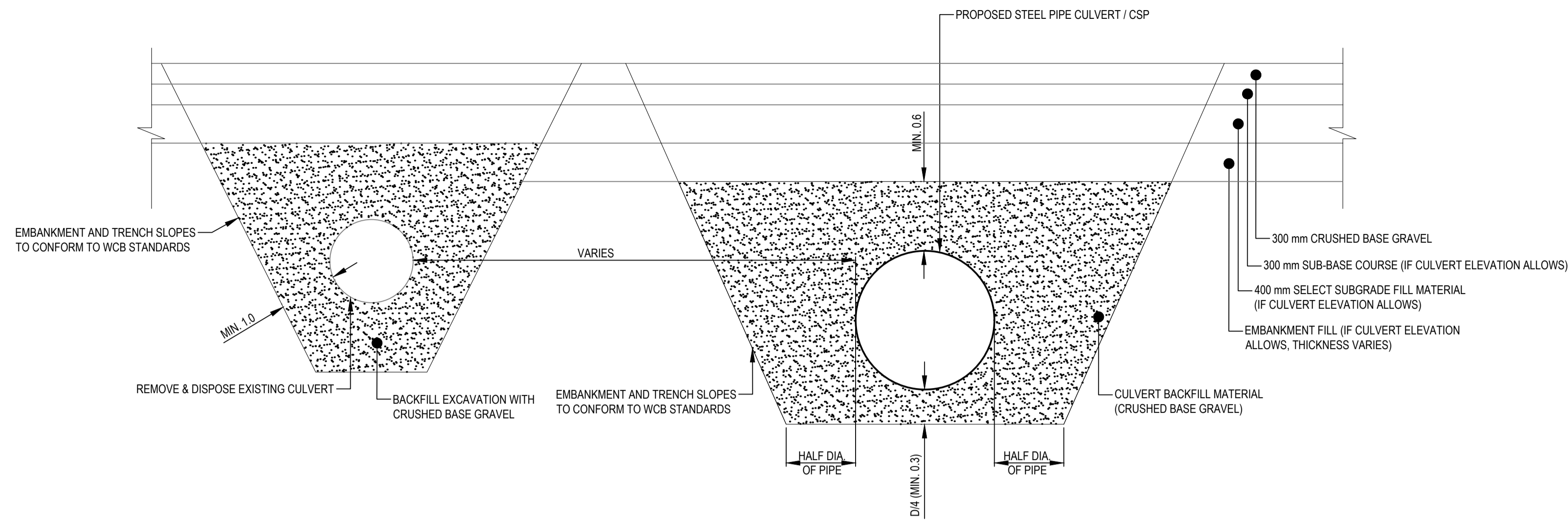
Drawing title/Titre du dessin

ACCESS ROAD TYPICAL SECTION AND PROFILE

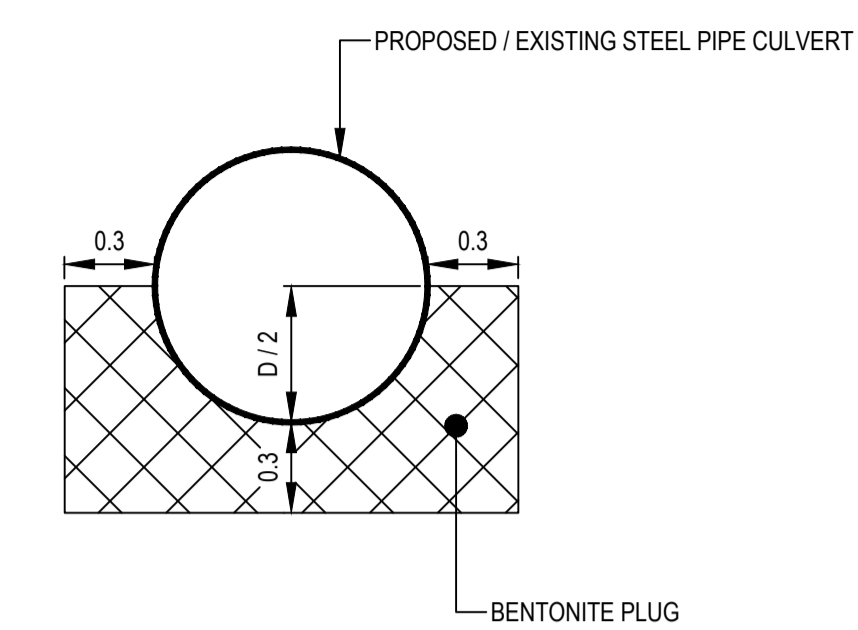
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C302	0

ISSUED FOR TENDER

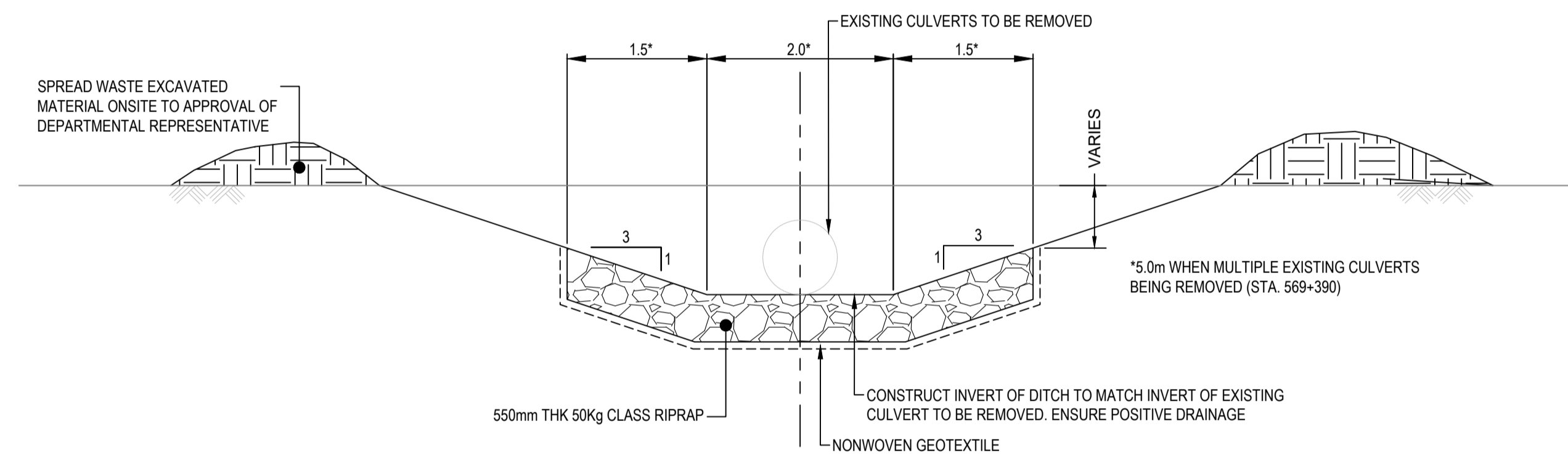
- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.
 - LOCATION OF FIBRE OPTIC CABLE IS APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.



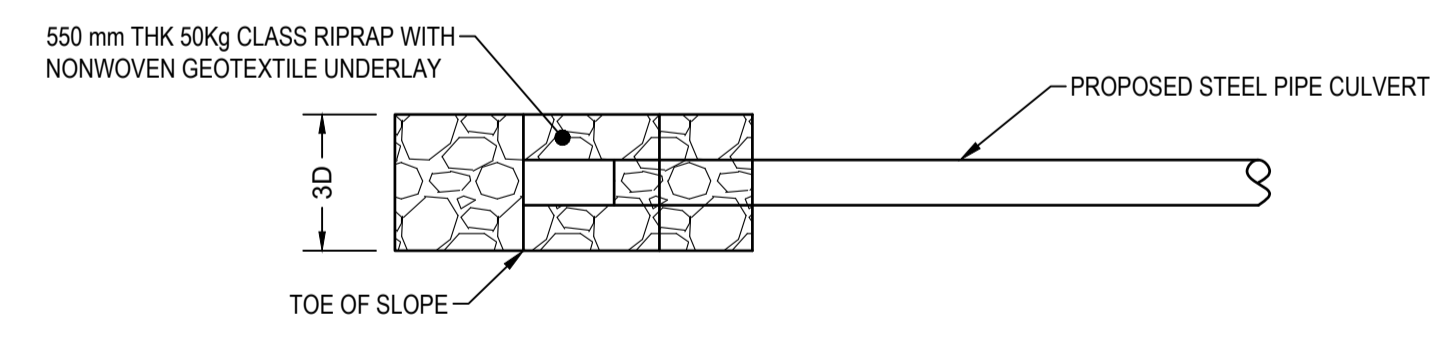
OPEN CUT CULVERT INSTALLATION BACKFILL
SCALE 1:50



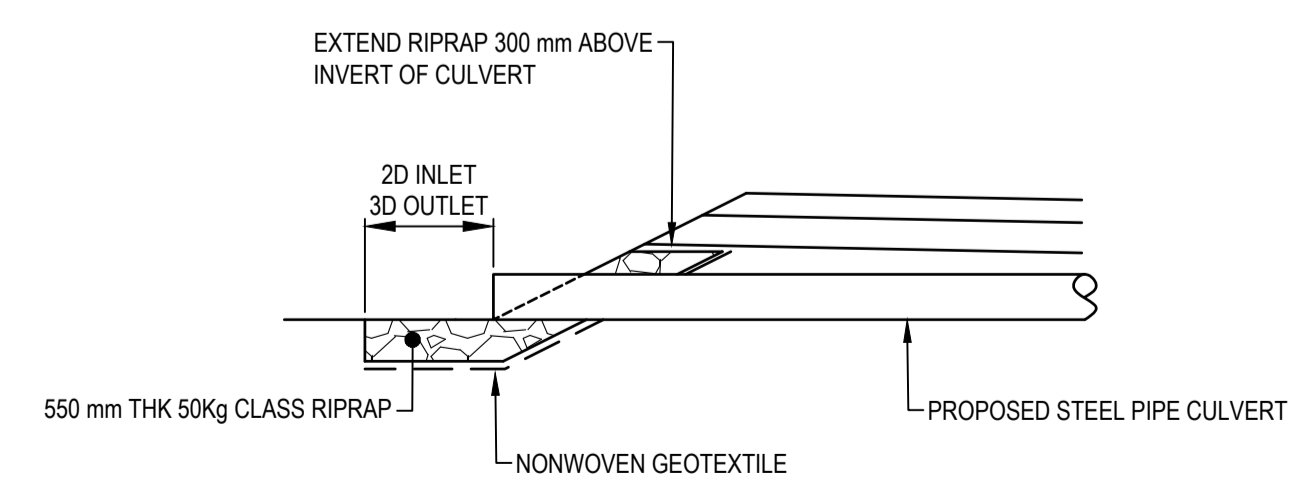
TYPICAL BENTONITE PLUG PLACEMENT (INLET ONLY)
(CULVERTS ≥ 1650 mm Ø)
SCALE 1:25



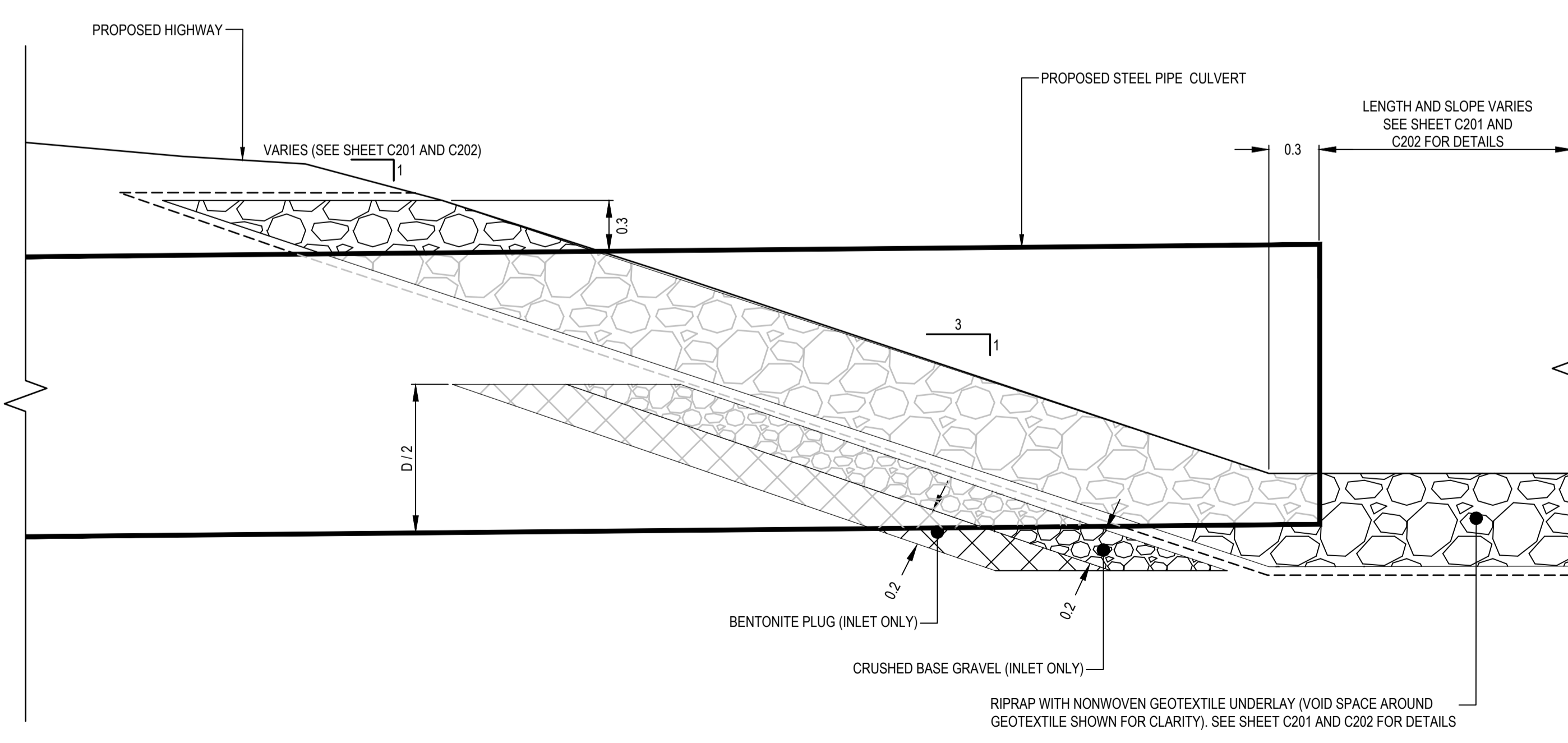
TYPICAL DITCH CONSTRUCTION DETAIL (FOLLOWING CULVERT REMOVAL)
SCALE 1:50



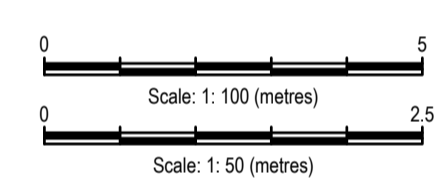
TYPICAL INLET / OUTLET RIPRAP PROTECTION - PLAN (CULVERTS ≤ 1200 mm Ø)
SCALE 1:100



TYPICAL INLET / OUTLET RIPRAP PROTECTION - SECTION (CULVERTS ≤ 1200 mm Ø)
SCALE 1:100



TYPICAL CULVERT INLET / OUTLET DETAIL (CULVERTS ≥ 1650 mm Ø)
SCALE 1:25



0	ISSUED FOR TENDER	21/06/02
Revision	Description/Description	Date/Date

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI

Designed by/Concept par
E. YANG / M. KELEHER

Drawn by/Dessine par
A. DEEPWELL

PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

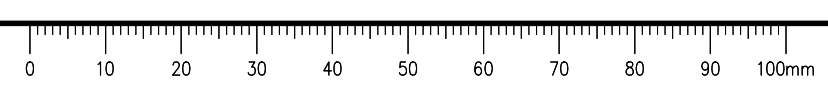
PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
CULVERT TYPICAL SECTIONS AND DETAILS

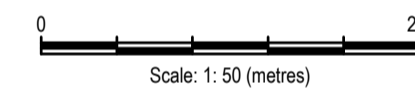
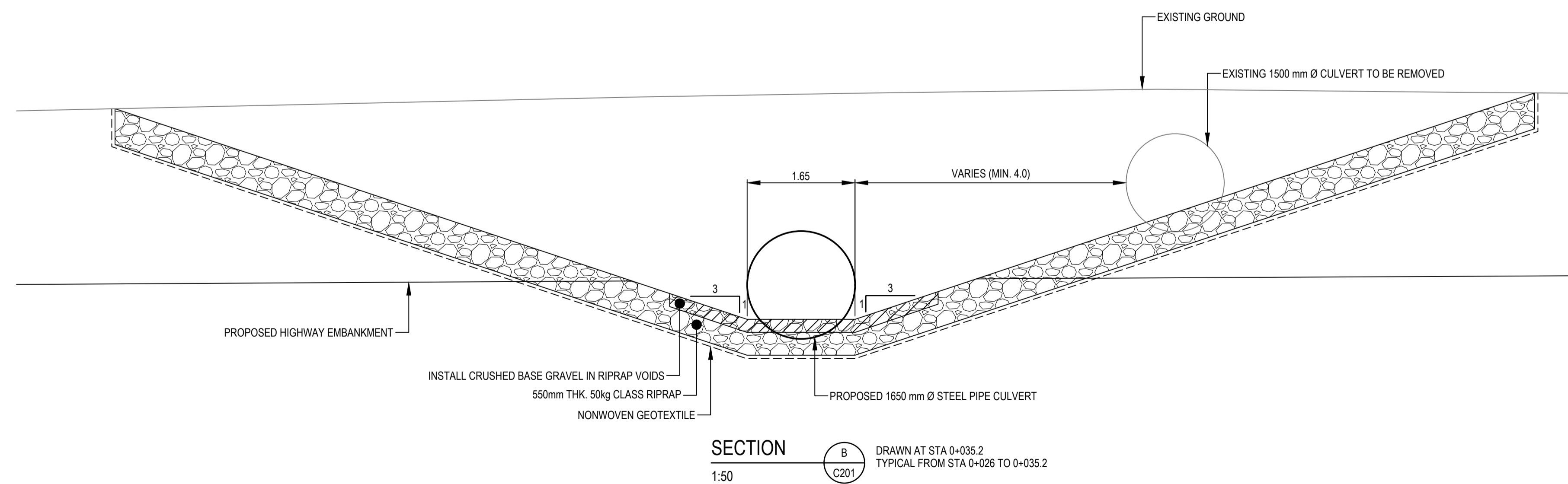
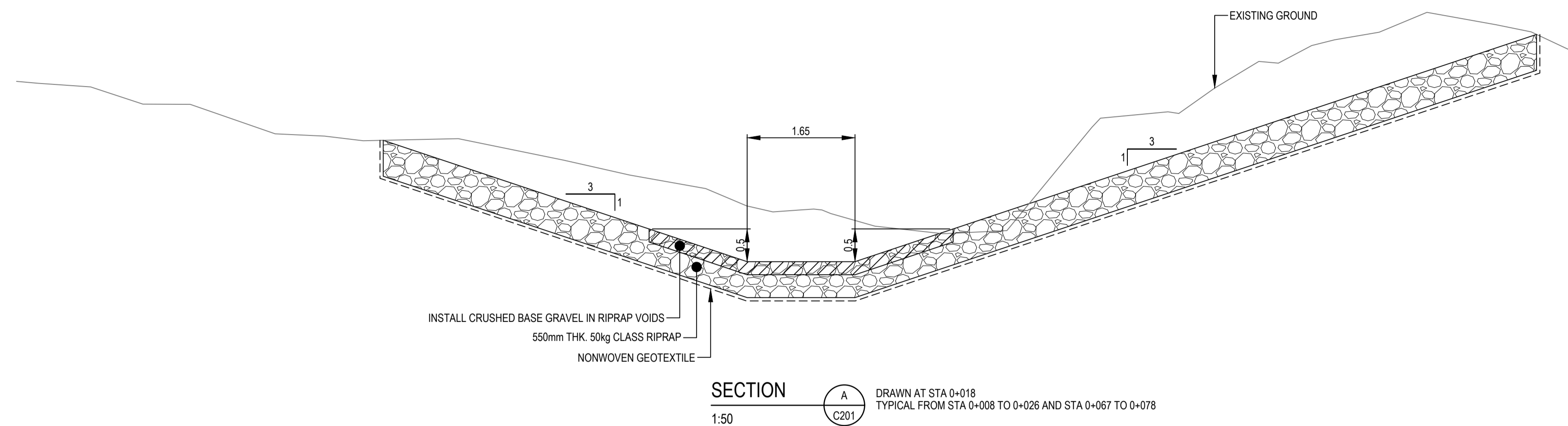
Project No./No. du projet R.112220.002	Sheet/Feuille C303	Revision no./La Révision no. 0
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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.
 2. LOCATION OF FIBRE OPTIC CABLE IS APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI

Designed by/Concept par
E. YANG / M. KELEHER

Drawn by/Dessine par
A. DEEPWELL

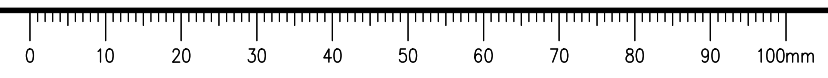
PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

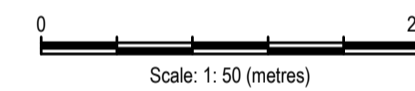
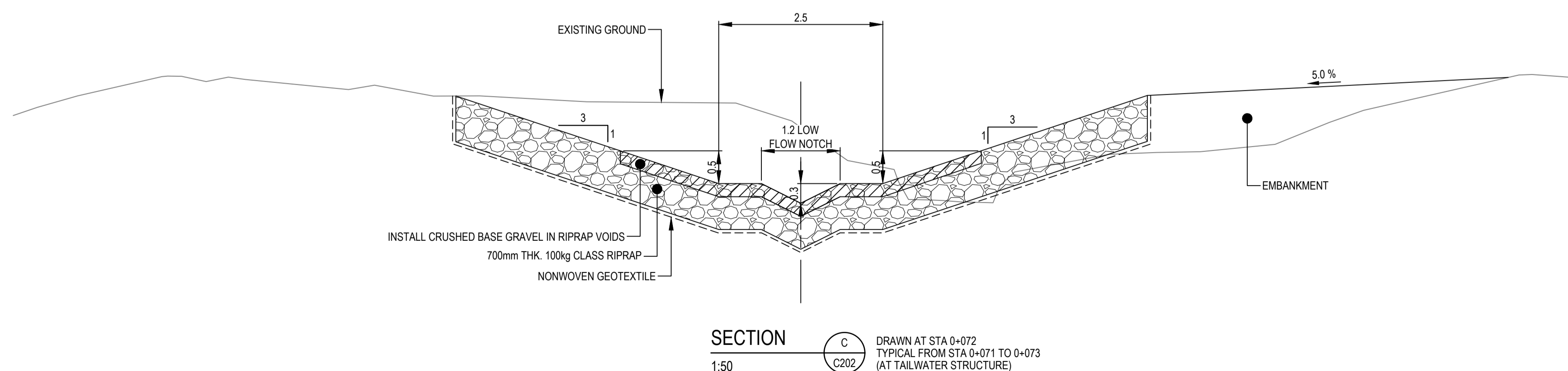
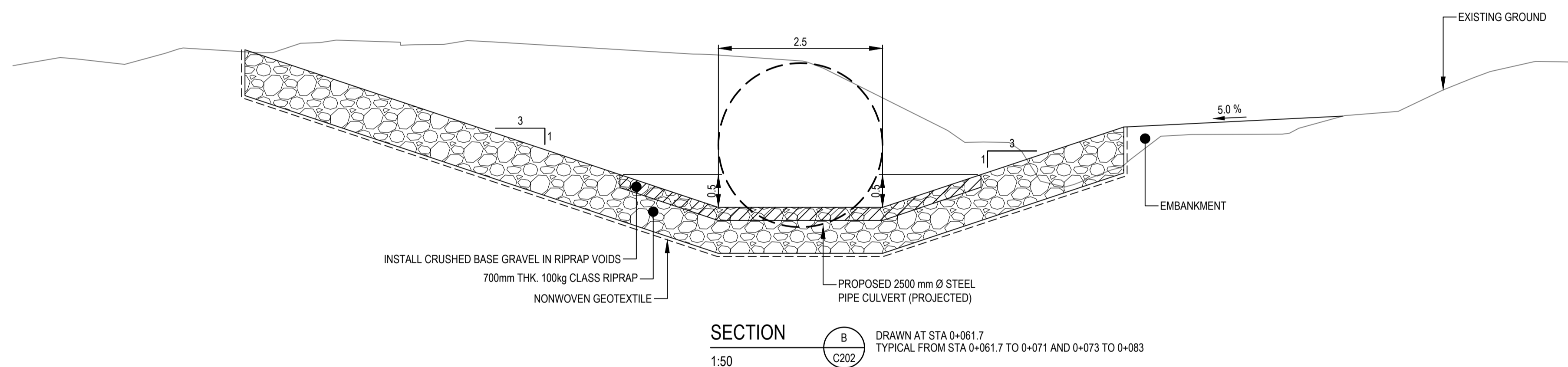
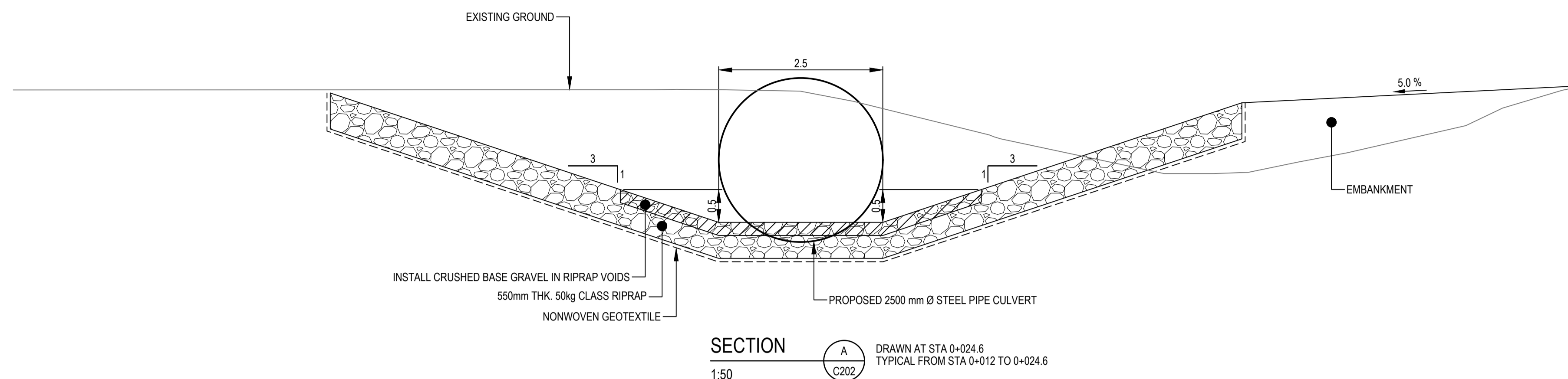
Drawing title/Titre du dessin
CULVERT STA. 568+840 TYPICAL SECTIONS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C304	0



ISSUED FOR TENDER

- GENERAL NOTES:
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Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

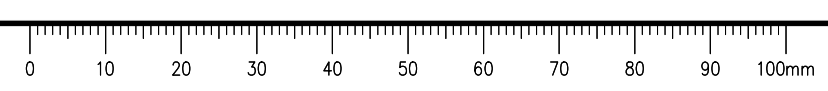
Approved by/Approve par
S. LI
Designed by/Concept par
E. YANG / M. KELEHER
Drawn by/Dessine par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**CULVERT STA. 569+950
TYPICAL SECTIONS**

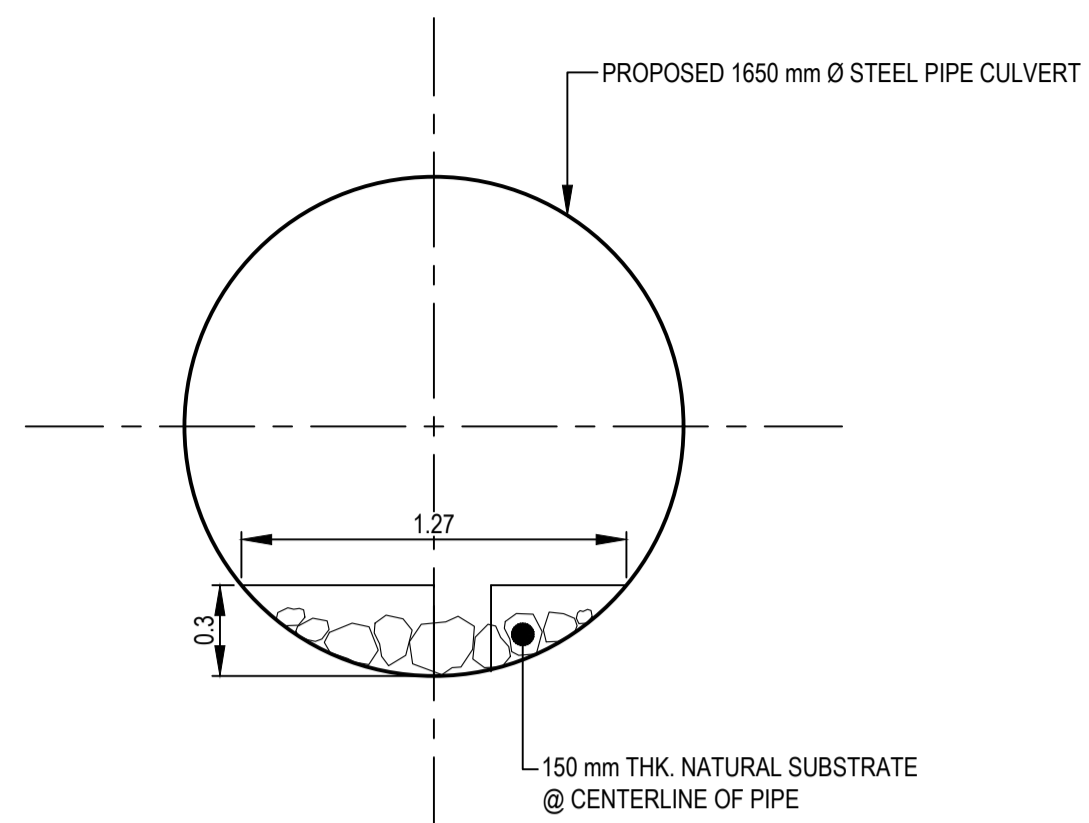
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R.112220.002	C305	0

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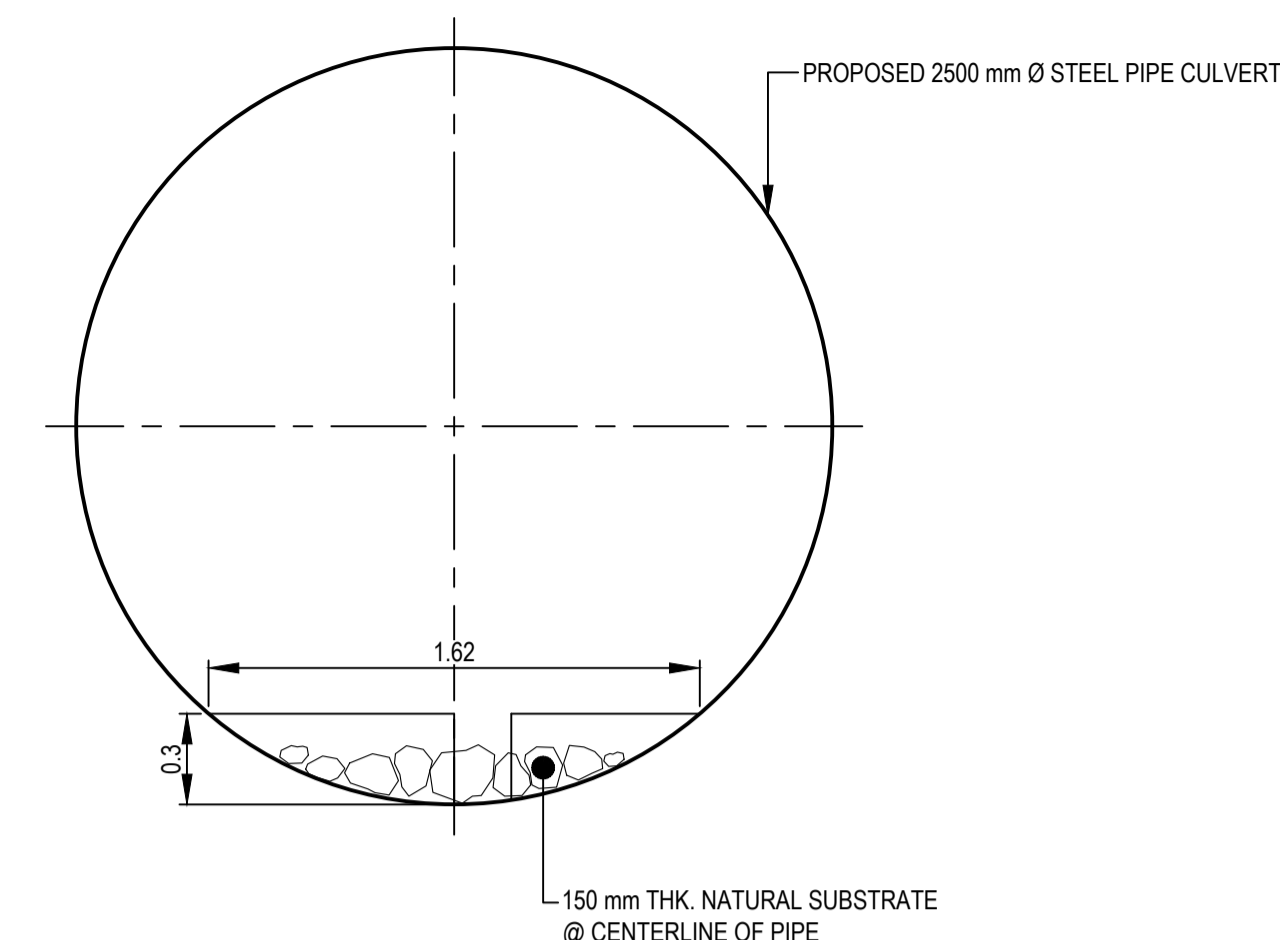


ISSUED FOR TENDER

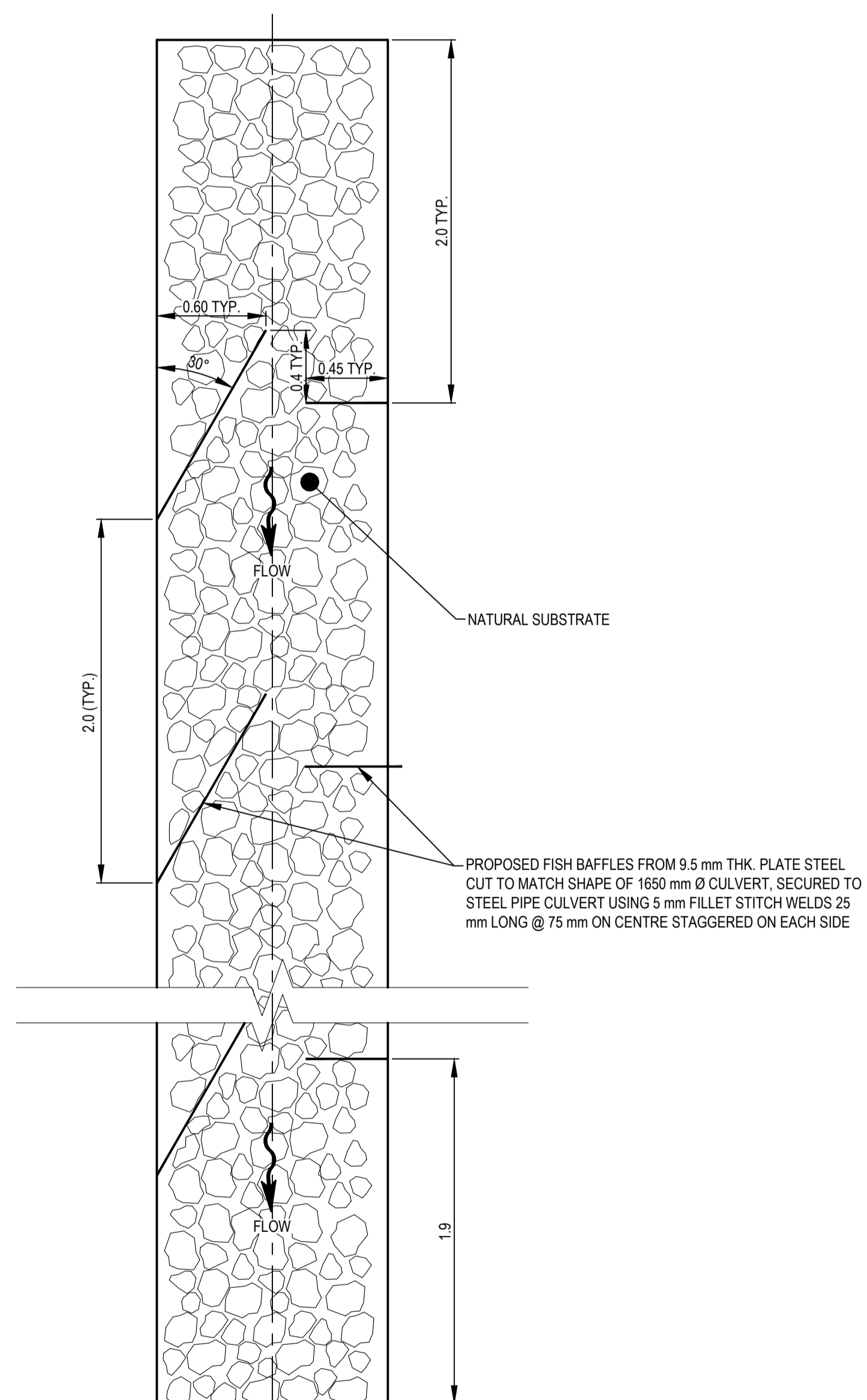
GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



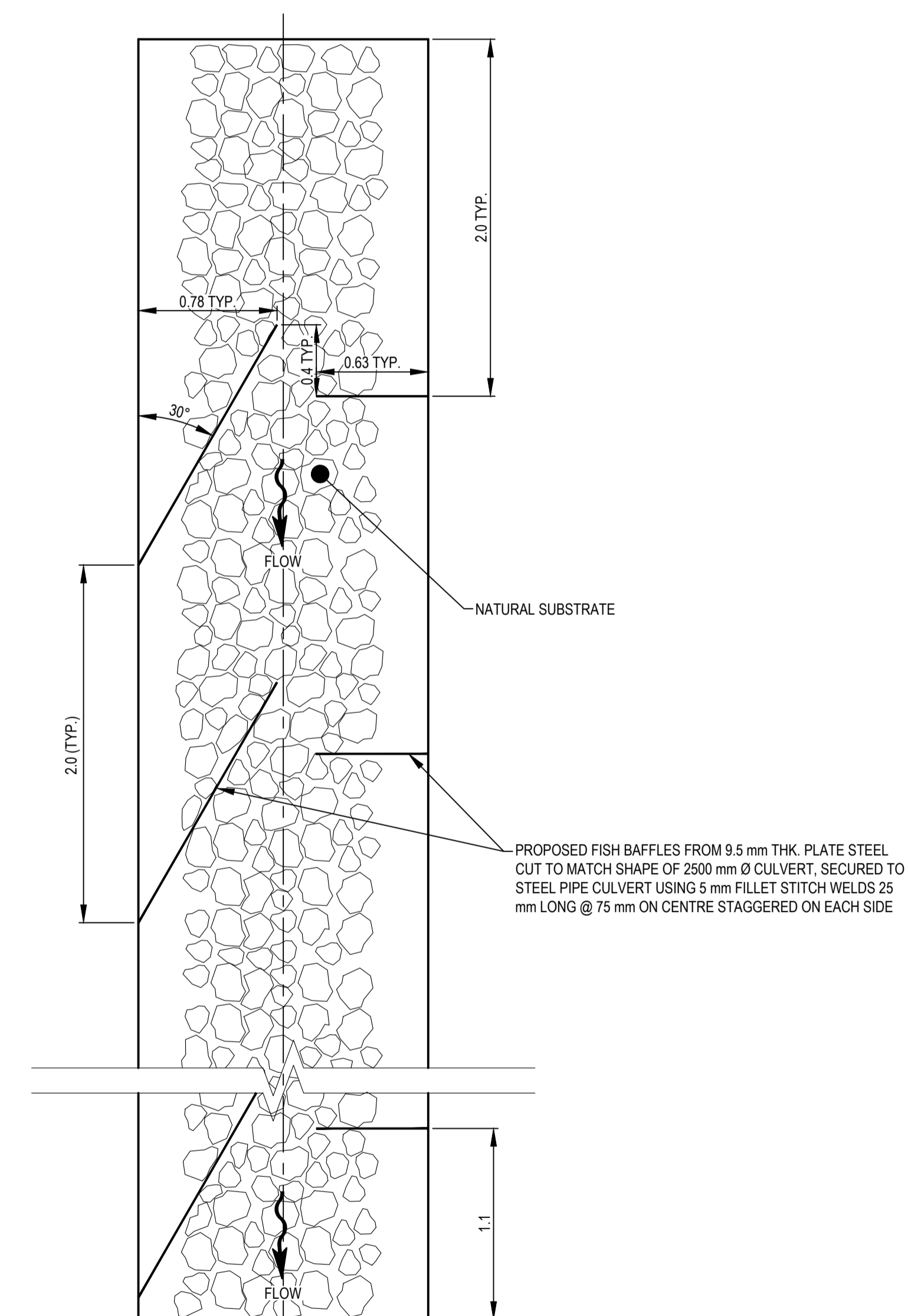
TYPICAL FISH BAFFLE SECTION STA. 568+840
SCALE 1:25



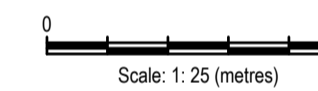
TYPICAL FISH BAFFLE SECTION STA. 569+950
SCALE 1:25



TYPICAL FISH BAFFLE PLAN STA. 568+840
DRAWN AT TOP OF BAFFLES
SCALE 1:25



TYPICAL FISH BAFFLE PLAN STA. 569+950
DRAWN AT TOP OF BAFFLES
SCALE 1:25



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



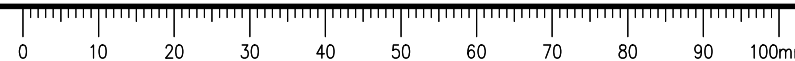
Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approuvé par
S. LI
Designed by/Concepté par
E. YANG / M. KELEHER
Drawn by/Dessiné par
A. DEEPWELL
PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C306	0

I:\Local\alLegacy\ancover\Transportation\TRN\VHW\03172 Alaska Hwy 568 - 571 Realignment\CADD\Sheets Phase 2\C201-C202 & C303-C306 CULVERT PLAN PROFILE.dwg [C306] June 02, 2021 - 12:07:34 pm (BY: LEO BRANDON)



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



SIGN TABLE					
SIGN	DESCRIPTION	STATION	SIDE OF HIGHWAY (NB TRAVEL)	DIRECTION	ACTION
R-3	"80 KM/H AHEAD" SIGN	566+470	RIGHT	NB	EXISTING, RELOCATE TO STA. 568+270
W-329	"NEW" TAB	566+470	RIGHT	NB	EXISTING, RELOCATE TO STA. 568+270
R-4	"MAXIMUM 80 KM/H" SIGN	566+670	RIGHT	NB	EXISTING, RELOCATE TO STA. 568+400
W-329	"NEW" TAB	566+670	RIGHT	NB	EXISTING, RELOCATE TO STA. 568+400
R-4	"MAXIMUM 100 KM/H" SIGN	566+670	LEFT	SB	EXISTING, RELOCATE TO STA. 568+400
W-329	"NEW" TAB	566+670	LEFT	SB	EXISTING, RELOCATE TO STA. 568+400
CUSTOM	"ROAD CONDITION VARY FOR 200 KM, USE CAUTION"	566+780	RIGHT	NB	EXISTING, PROTECT
W-26	ROAD NARROWS	567+045	RIGHT	NB	EXISTING, RELOCATE TO STA. 570+165
W-5R & W-22	WINDING ROAD & 70 KM/H TAB	567+760	RIGHT	NB	EXISTING, REMOVE
W-42R	WATCH FOR ROCKS/DEBRIS	568+030	RIGHT	NB	EXISTING, RELOCATE TO STA. 568+810
R-3 & W-329	80 KM/H AHEAD & NEW TAB	568+270	RIGHT	NB	RELOCATED FROM STA. 566+470
R-4 & W-329	MAXIMUM 80 KM/H & NEW TAB	568+400	RIGHT	NB	RELOCATED FROM STA. 566+670
R-4 & W-329	MAXIMUM 100 KM/H & NEW TAB	568+400	LEFT	SB	RELOCATED FROM STA. 566+670
INFO	"GAS, TETSA RIVER SERVICE, TRAIL RIDES"	568+500	RIGHT	NB	RELOCATED FROM STA. 568+630
INFO	"GAS, TETSA RIVER SERVICE, TRAIL RIDES"	568+630	RIGHT	NB	EXISTING, RELOCATE TO STA. 568+500
W-5R & W-22	WINDING ROAD & 70 KM/H TAB	568+690	LEFT	SB	EXISTING, REMOVE
W-3L & W-22	REVERSE CURVE & 50 KM/H TAB	568+800	RIGHT	NB	EXISTING, REMOVE
W-42R	WATCH FOR ROCKS/DEBRIS	568+810	RIGHT	NB	RELOCATED FROM STA. 568+030
W-15L	CHECKERBOARD	569+050	LEFT	SB	EXISTING, REMOVE
W-15R	CHECKERBOARD	569+050	LEFT	NB	EXISTING, REMOVE
W-3L & W-22	REVERSE CURVE & 50 KM/H TAB	569+160	LEFT	SB	EXISTING, REMOVE
INFO	"GAS, TETSA RIVER SERVICE, TRAIL RIDES"	569+220	LEFT	SB	EXISTING, RELOCATE TO STA. 569+400
W-42L	WATCH FOR ROCKS/DEBRIS	569+230	LEFT	SB	NEW
W-5L	WINDING ROAD	569+240	RIGHT	NB	EXISTING, REMOVE
W-108 & W-21	ROUGH ROADWAY & SLOW & RALENTIR	569+270	RIGHT	NB	EXISTING, REMOVE
INFO	"GAS, TETSA RIVER SERVICE, TRAIL RIDES"	569+400	LEFT	SB	RELOCATED FROM STA. 569+220
W-108 & W-21	ROUGH ROADWAY & SLOW & RALENTIR	569+480	LEFT	SB	EXISTING, REMOVE
W-5R	WINDING ROAD	569+880	LEFT	SB	EXISTING, REMOVE
G-104	"KM 570"	570+000	RIGHT	NB / SB	REINSTALL IN PLACE (STA. 570+000)
W-42R	WATCH FOR ROCKS/DEBRIS	570+080	RIGHT	NB	RELOCATED FROM STA. 570+185
W-26	ROAD NARROWS	570+165	RIGHT	NB	RELOCATED FROM STA. 567+045
W-42R	WATCH FOR ROCKS/DEBRIS	570+185	RIGHT	NB	EXISTING, REINSTALL AT STA. 570+080
W-1R	CURVE	570+300	RIGHT	NB	REINSTALL IN PLACE (STA. 570+300)
CUSTOM	"HISTORIC MILE 378" MARKER POST	568+830	RIGHT	-	EXISTING, REINSTALL AT STA. 568+820
CUSTOM	"U.S. ENGINEERS DIVISIONAL LAUNDRY" SIGN	568+840	RIGHT	-	EXISTING, REINSTALL AT STA. 568+810
R-1	STOP	10+010	LEFT	-	NEW
R-1	STOP	20+010	LEFT	-	NEW

ADVERTISING SIGNAGE SALVAGE AND DELIVERY				
DESCRIPTION	APPROX. STATION	SIDE OF HIGHWAY (NB TRAVEL)	DIRECTION	APPROX. OFFSEST FROM PROPOSED HIGHWAY CENTRELINE
GIFT SHOP	567+400	LEFT	NB	5 m
FORT NELSON SERVICE CENTRE / TETSA RIVER LODGE	568+740	LEFT	NB / SB	20 m
TETSA RIVER LODGE	568+750	LEFT	NB / SB	5 m
CINNAMON BUN CENTER	568+750	LEFT	NB / SB	5 m
TETSA RIVER LODGE	568+950	LEFT	SB	5 m
CINNAMON BUN CENTER	569+160	RIGHT	SB	5 m
TETSA RIVER SERVICES	569+215	LEFT	SB	5 m
CINNAMON BUN CENTER	569+600	LEFT	SB	10 m
CINNAMON BUN CENTER	569+990	LEFT	SB	10 m

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada

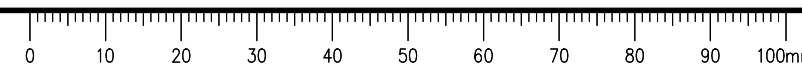


Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approuvé par
S. LI
Designed by/Concepté par
E. YANG / M. KELEHER
Drawn by/Dessiné par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
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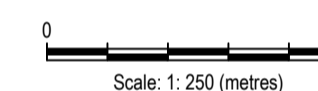
Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin
SIGN DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C307	0



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



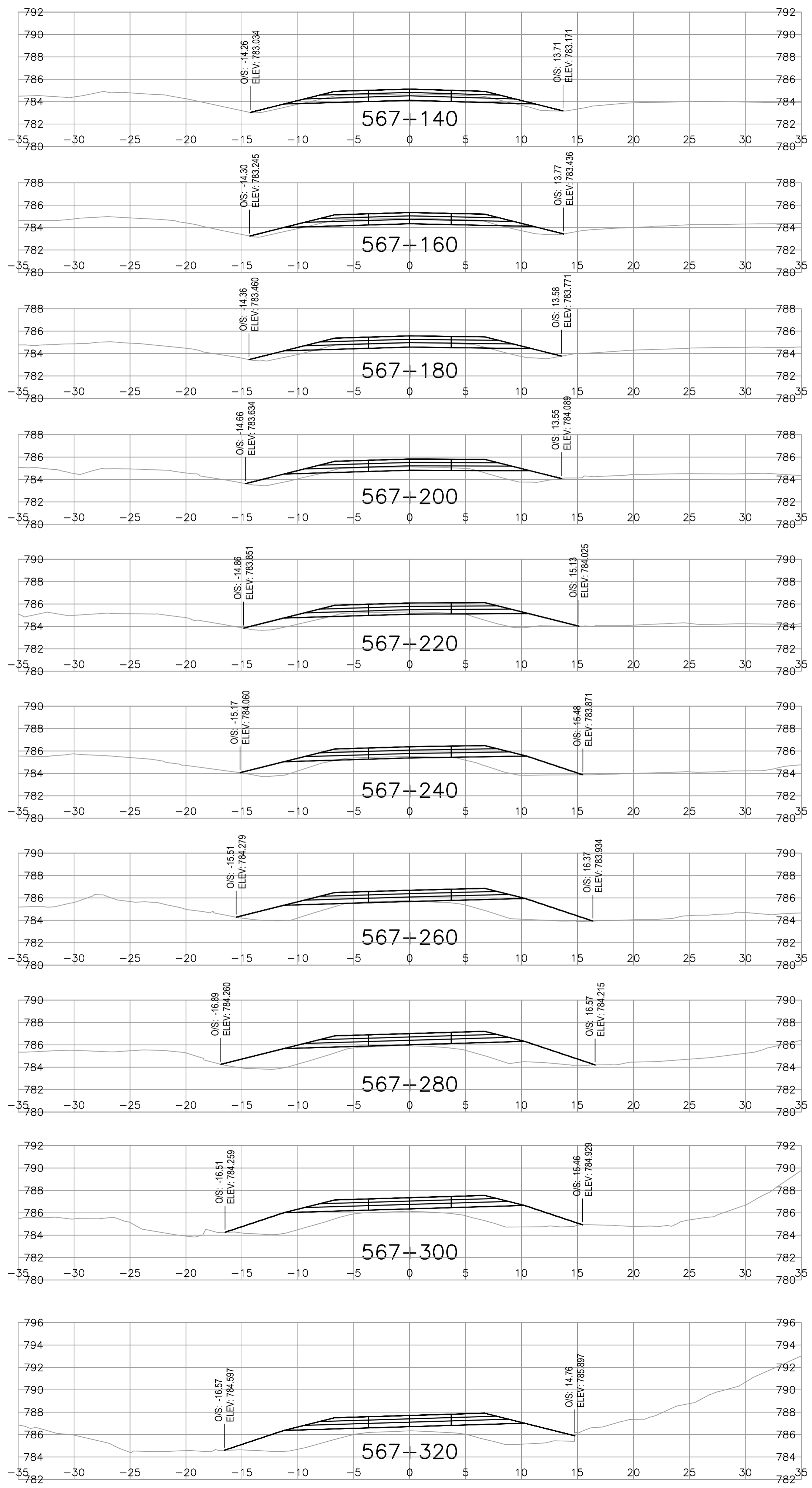
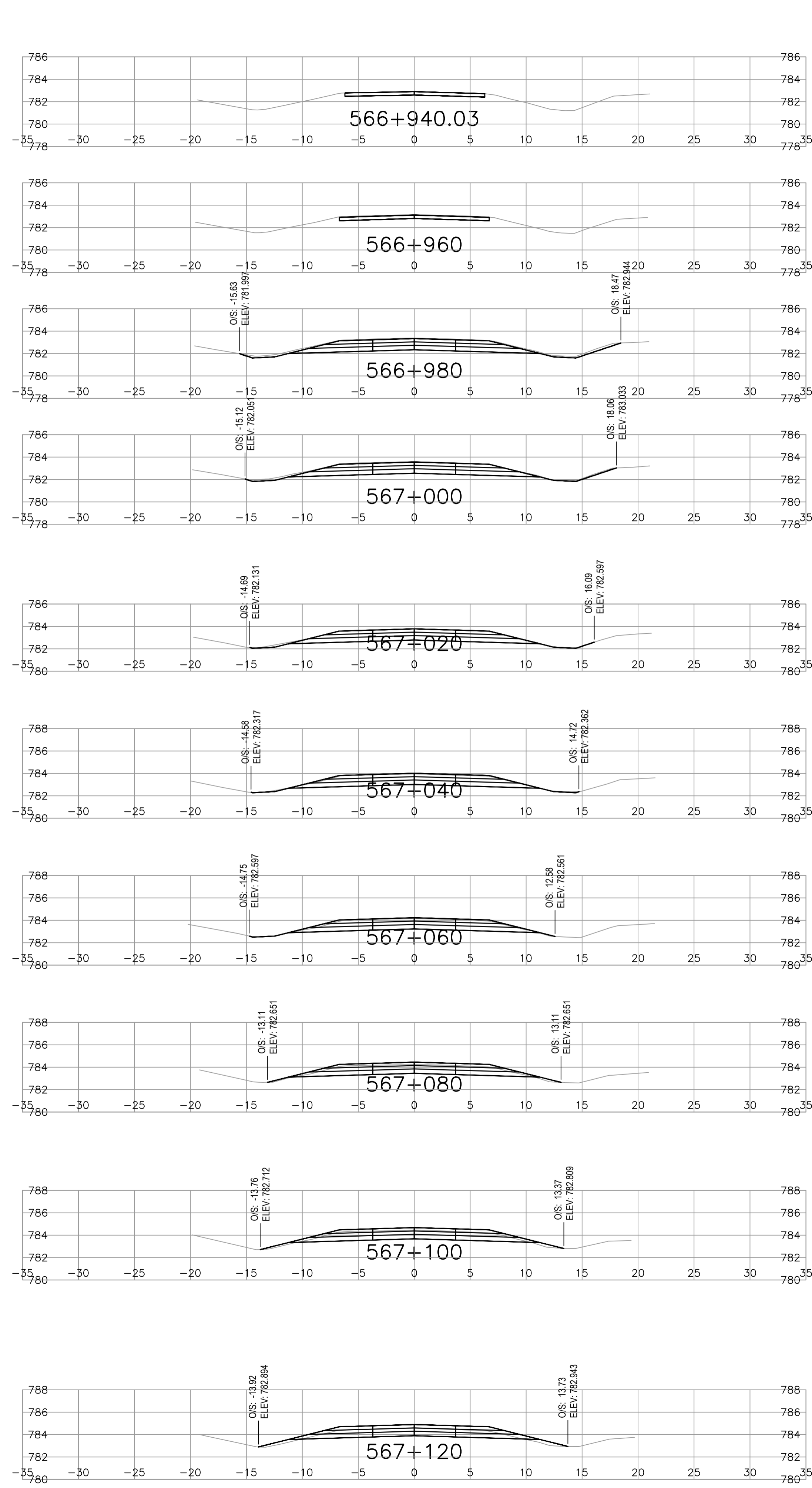
Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

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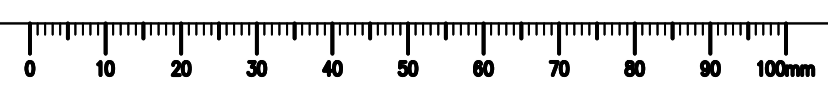
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**HIGHWAY CROSS SECTIONS:
STA. 566+940 TO STA. 567+320**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C401	0

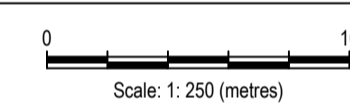
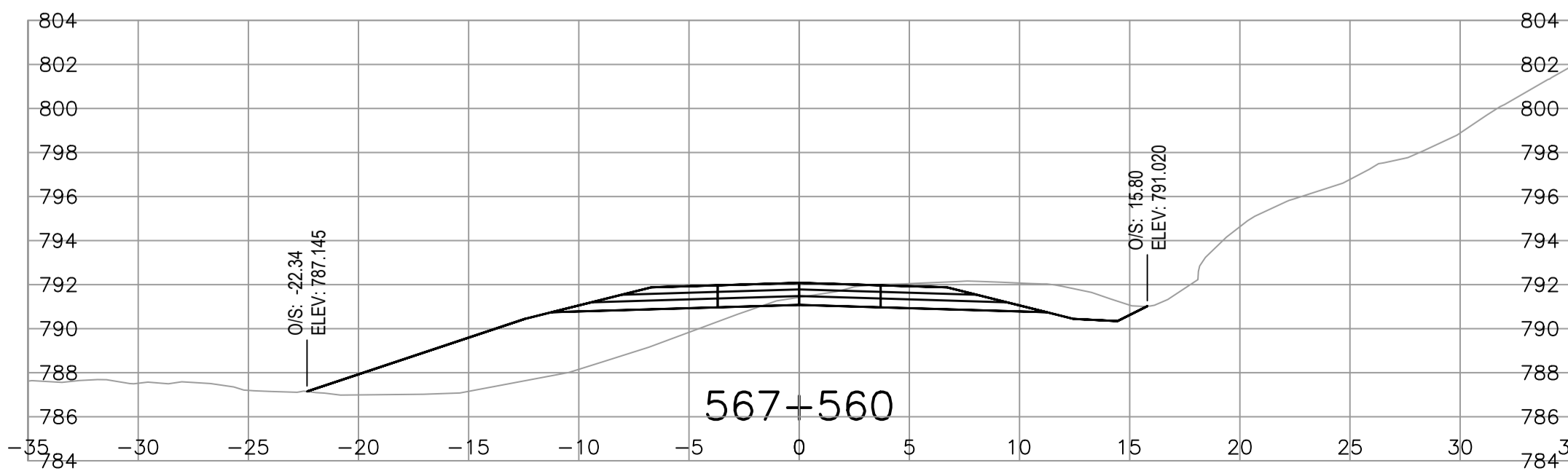
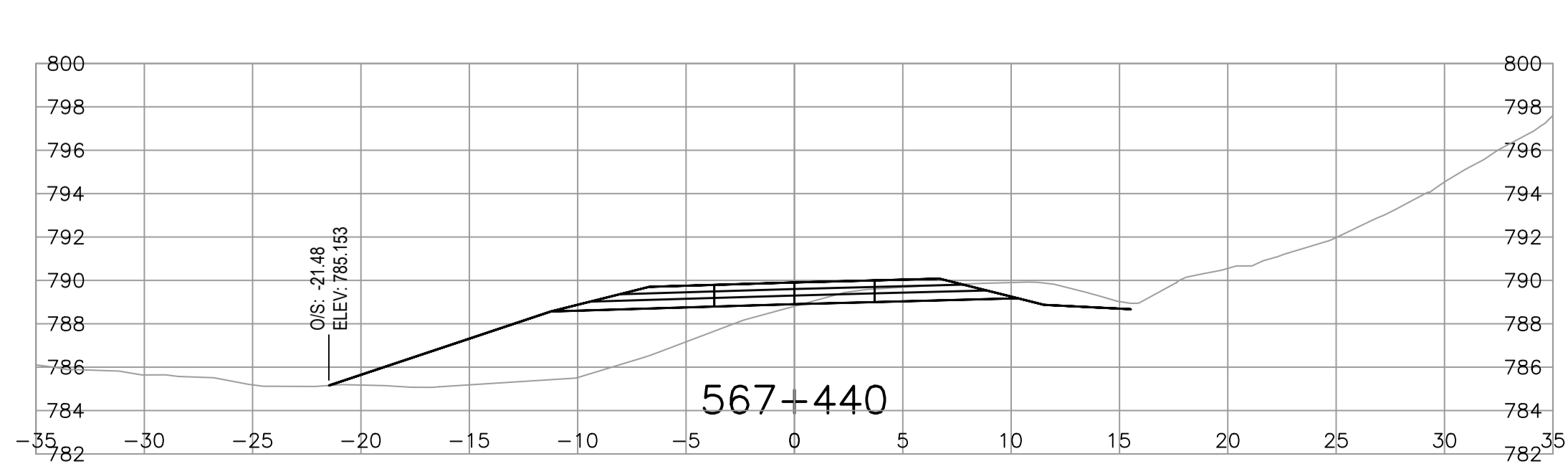
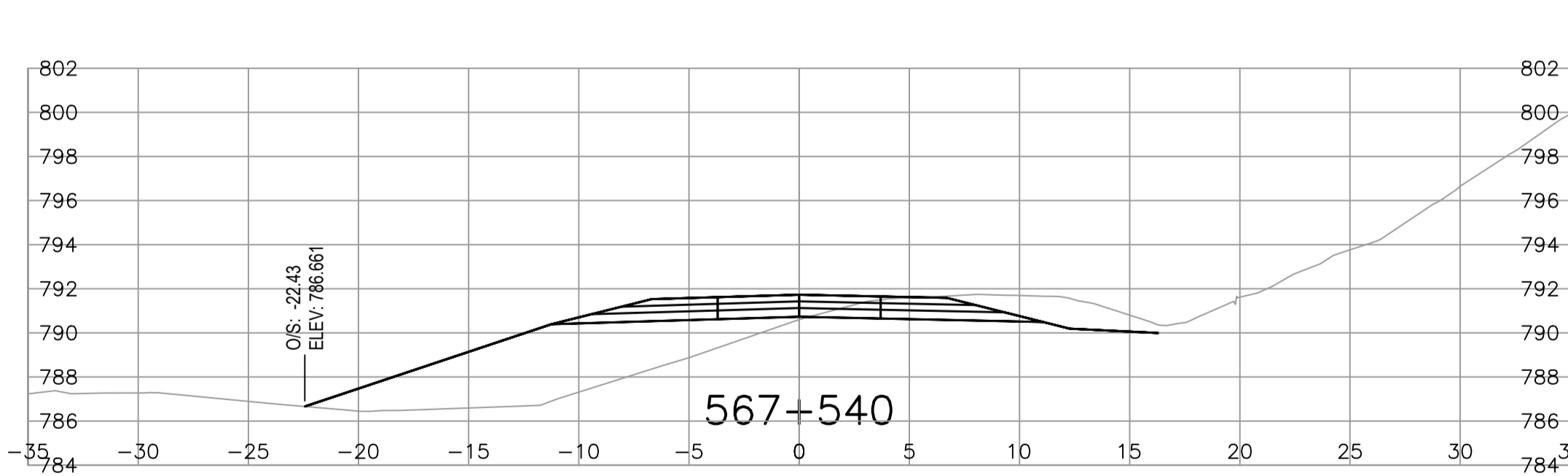
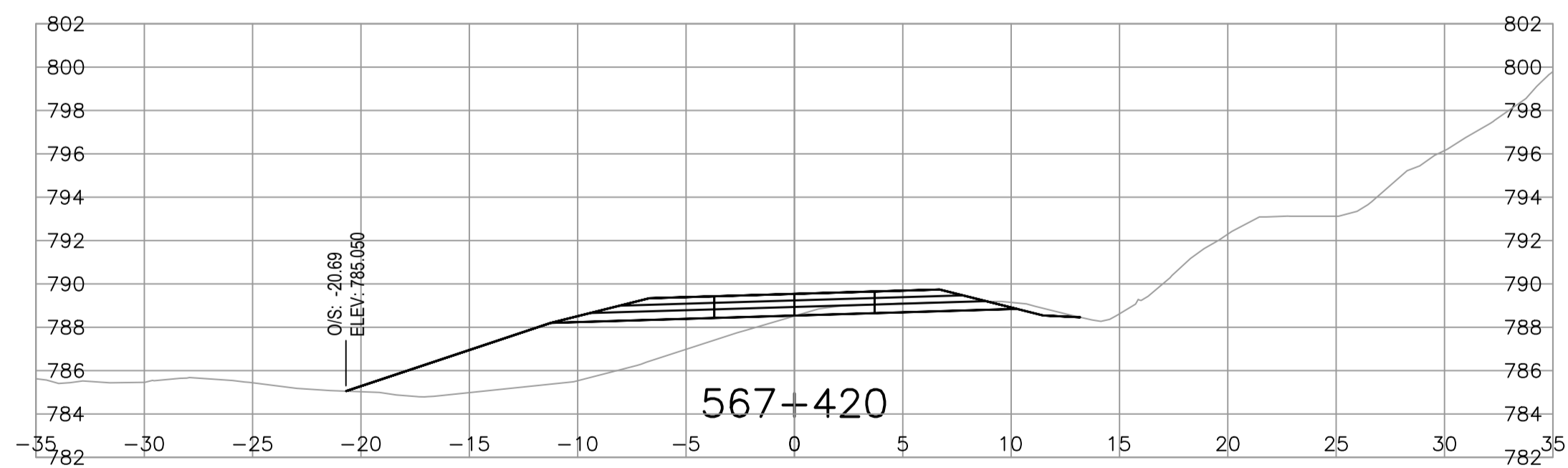
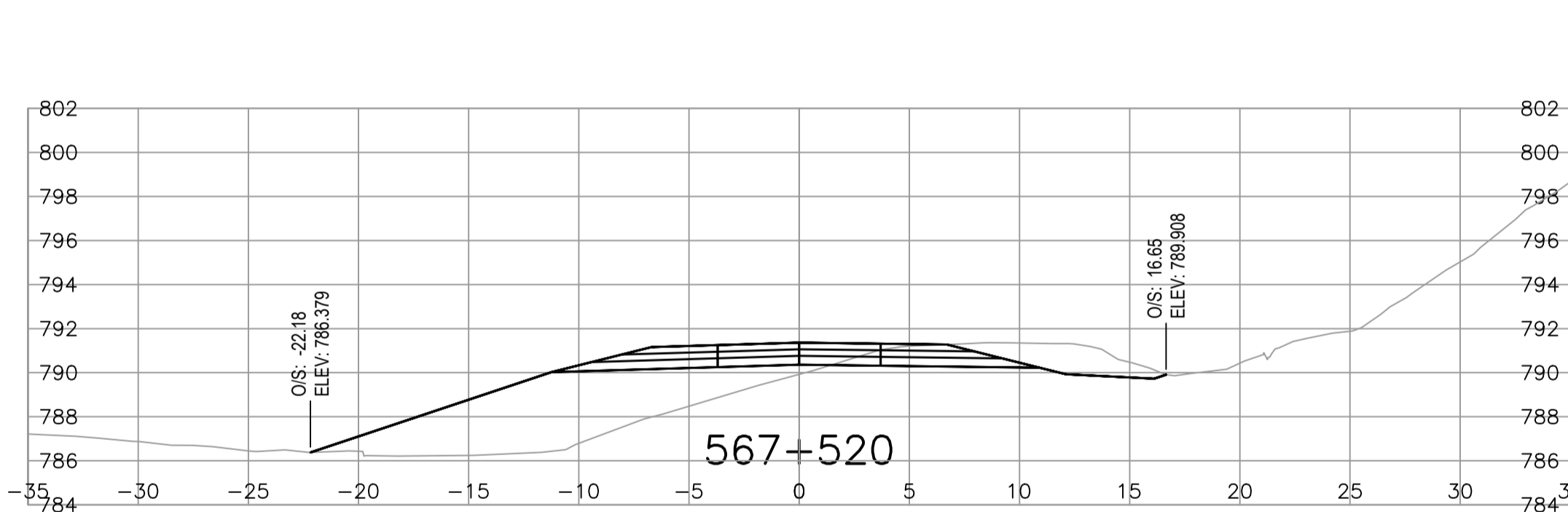
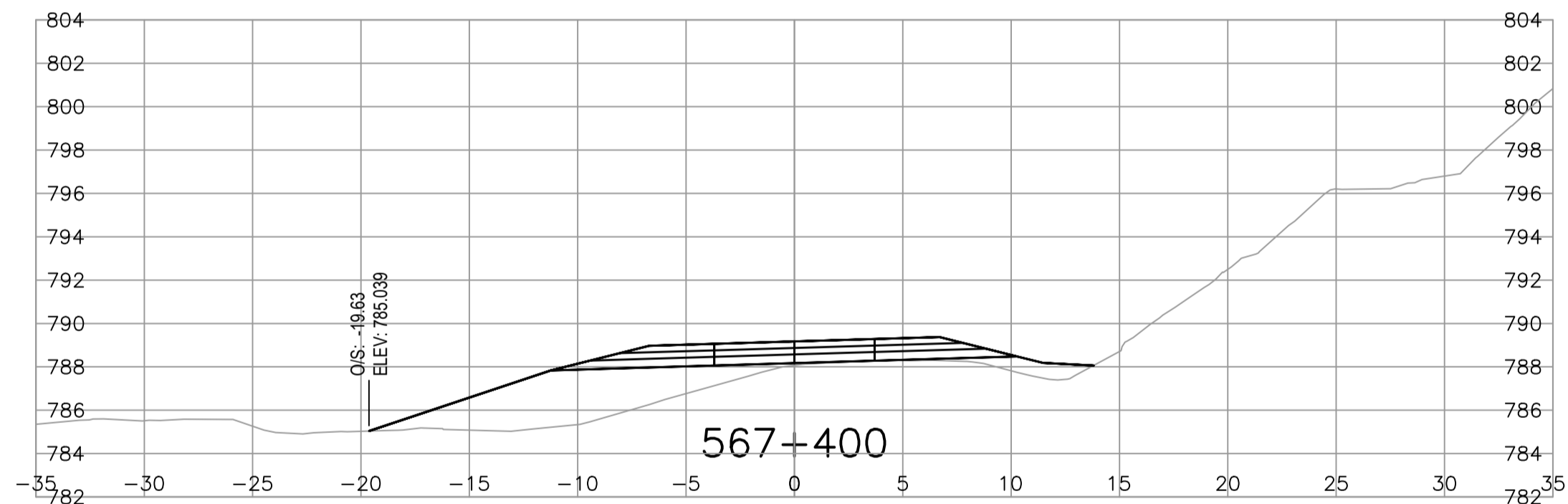
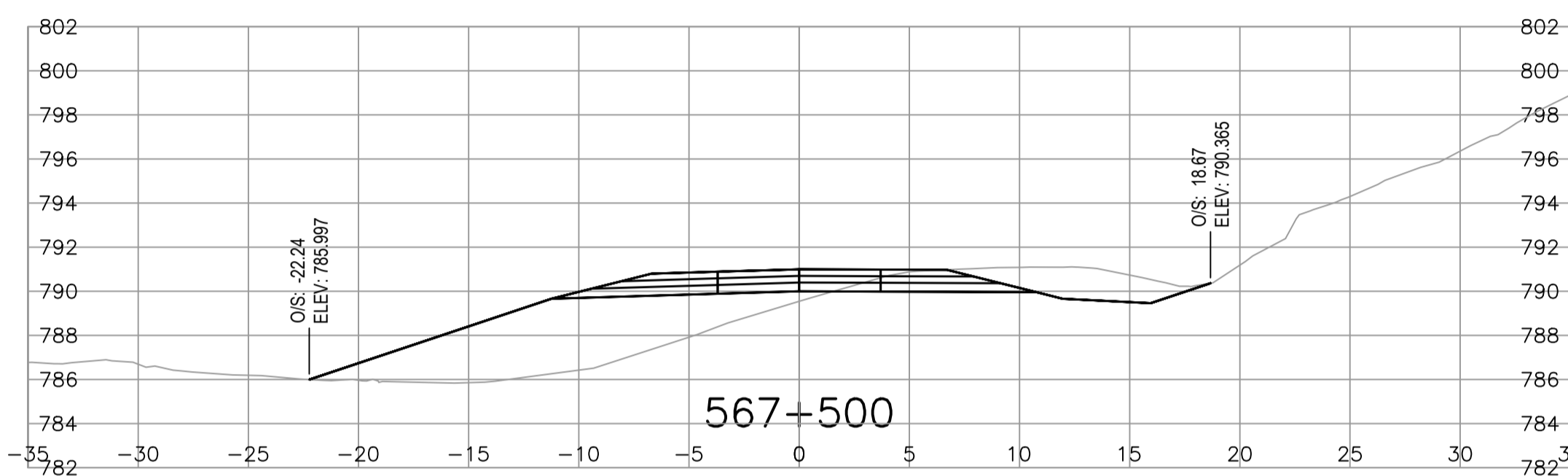
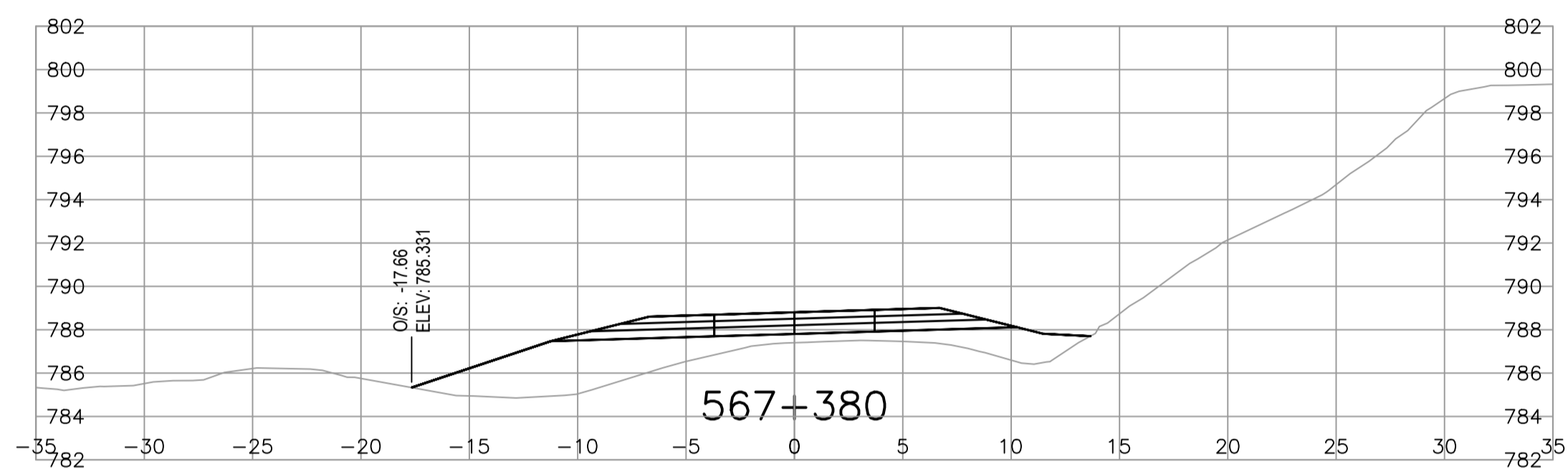
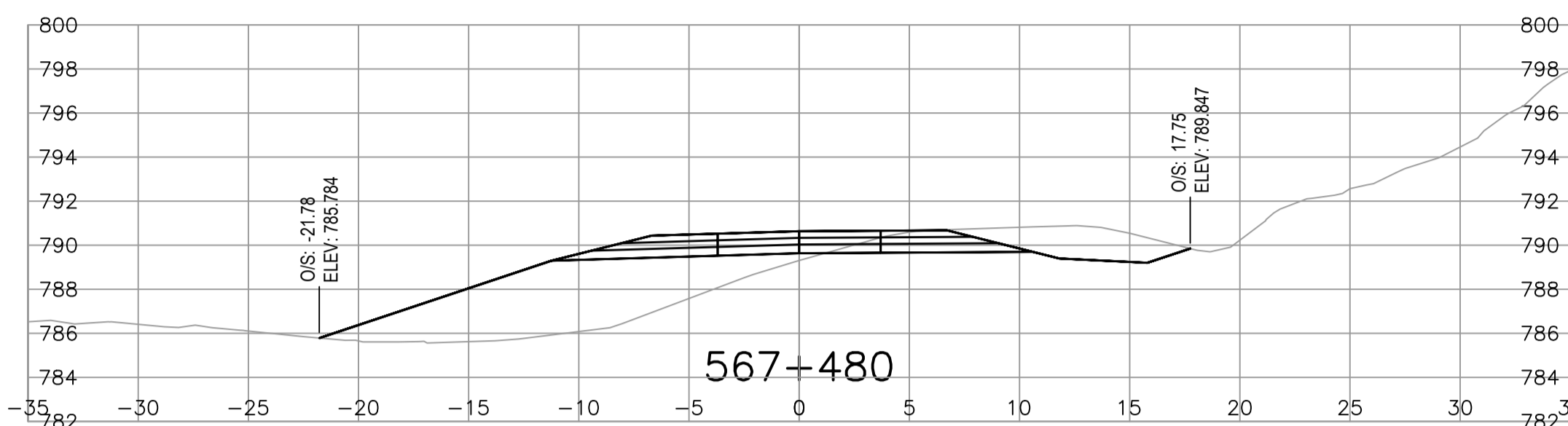
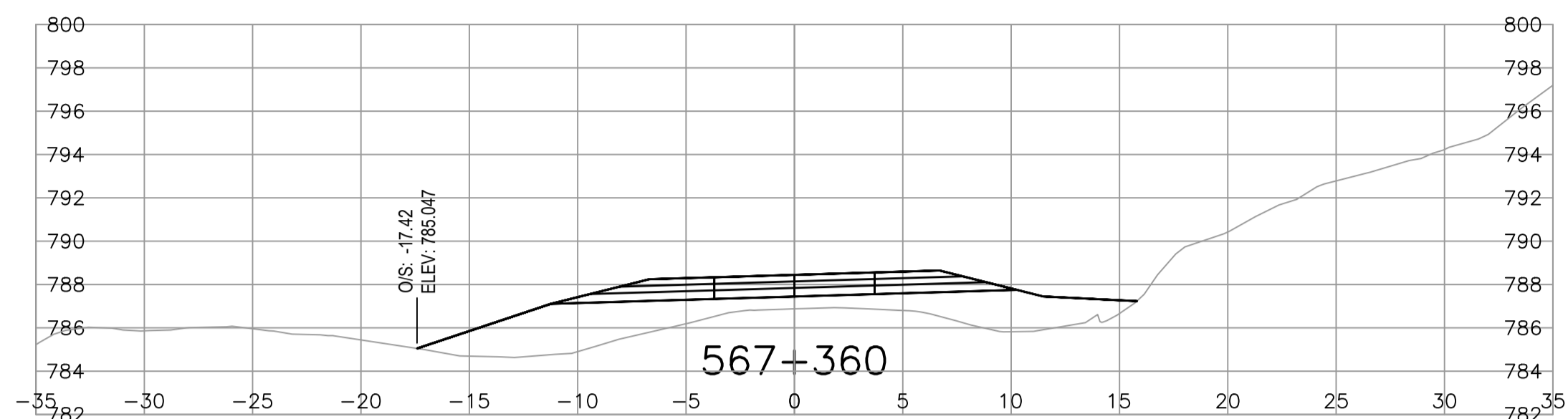
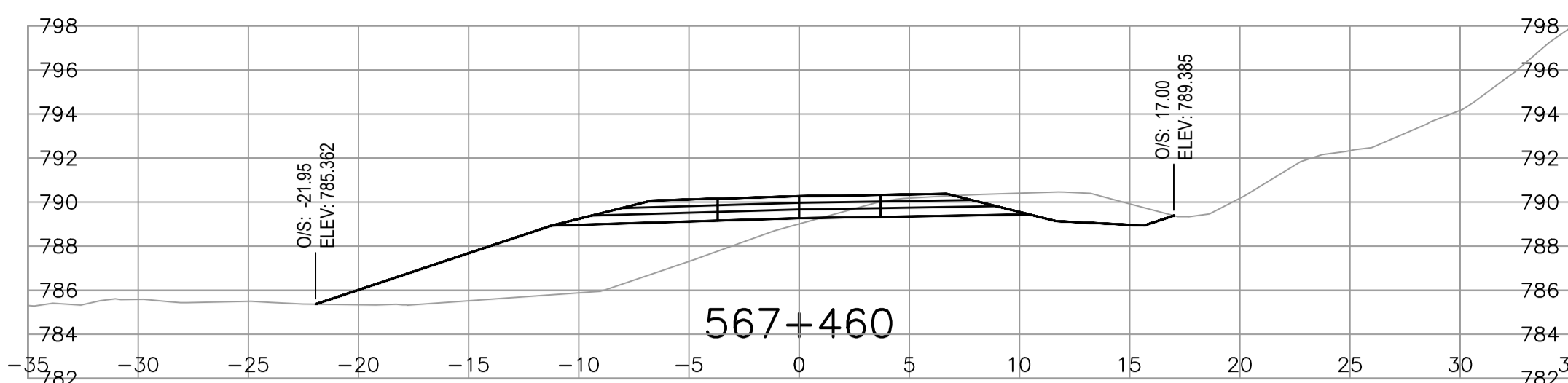
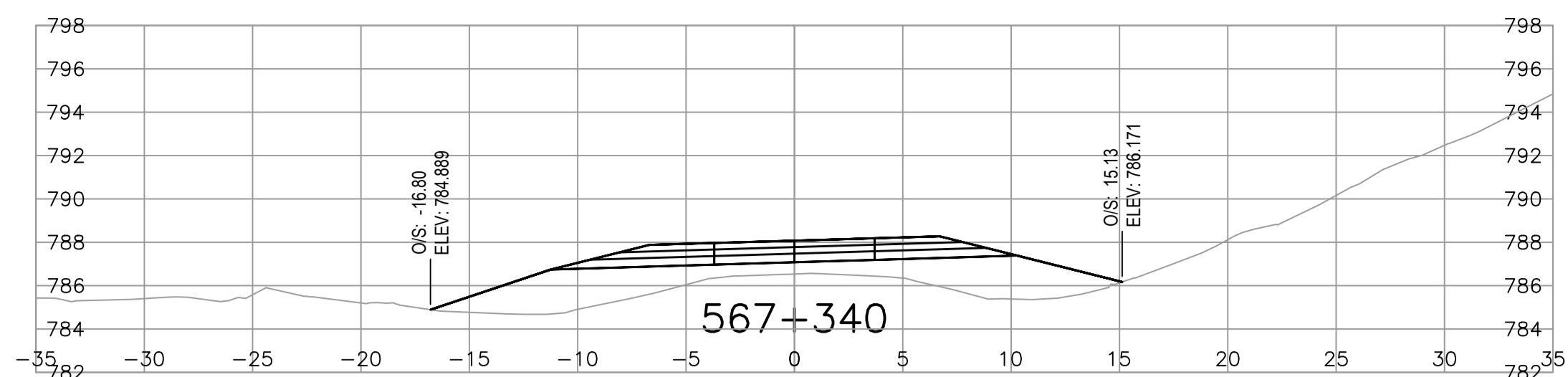


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ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
S. LI

Designed by/Concepté par
E. YANG / M. KELEHER

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

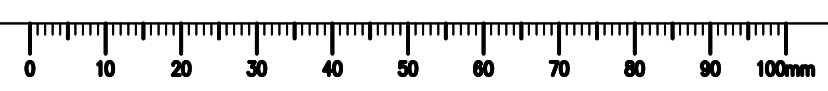
PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**HIGHWAY CROSS SECTIONS:
STA. 567+340 TO STA. 567+560**

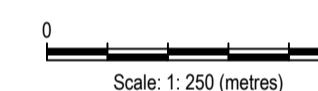
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.112220.002	C402	0

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ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada

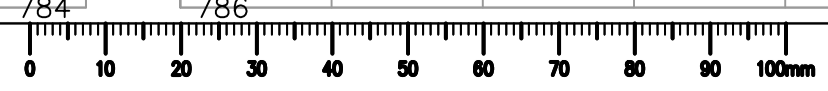
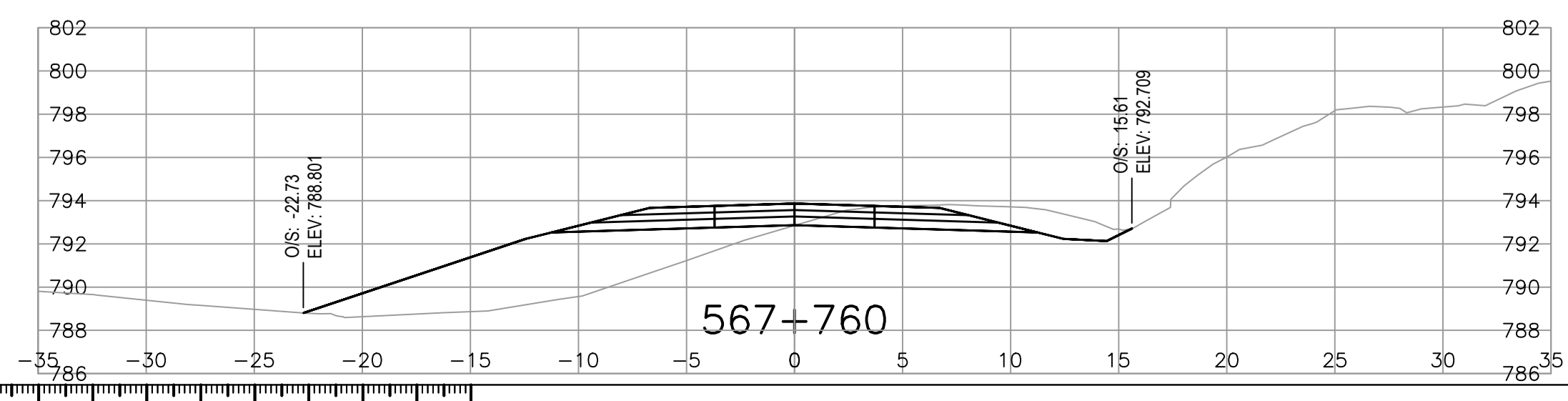
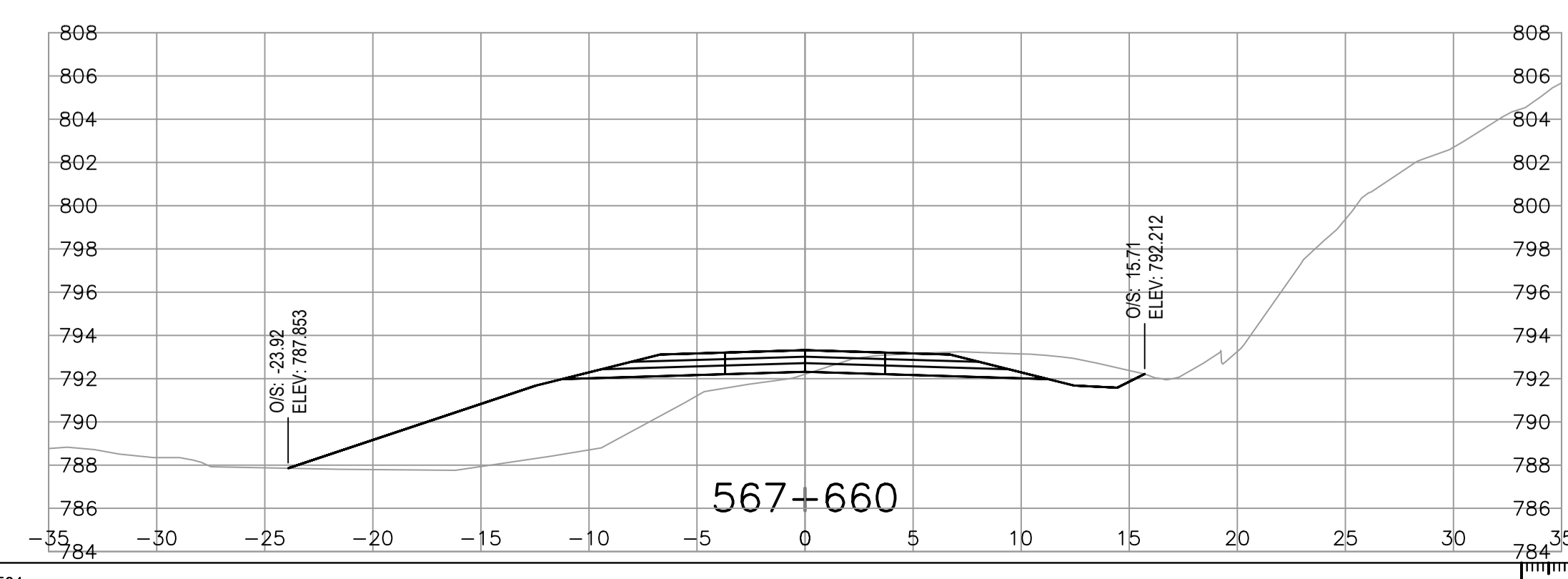
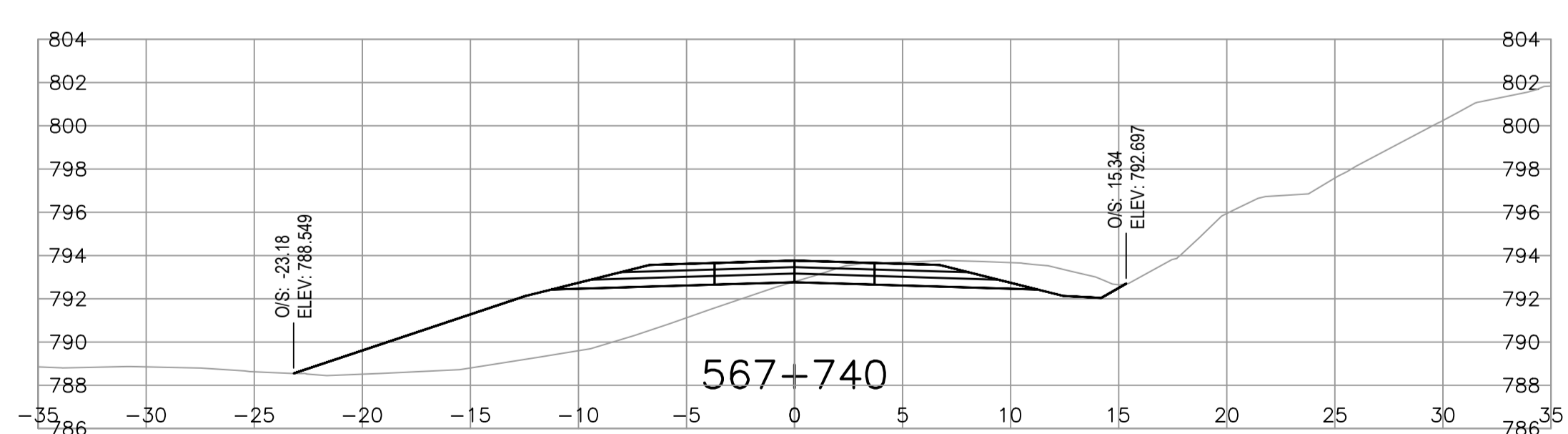
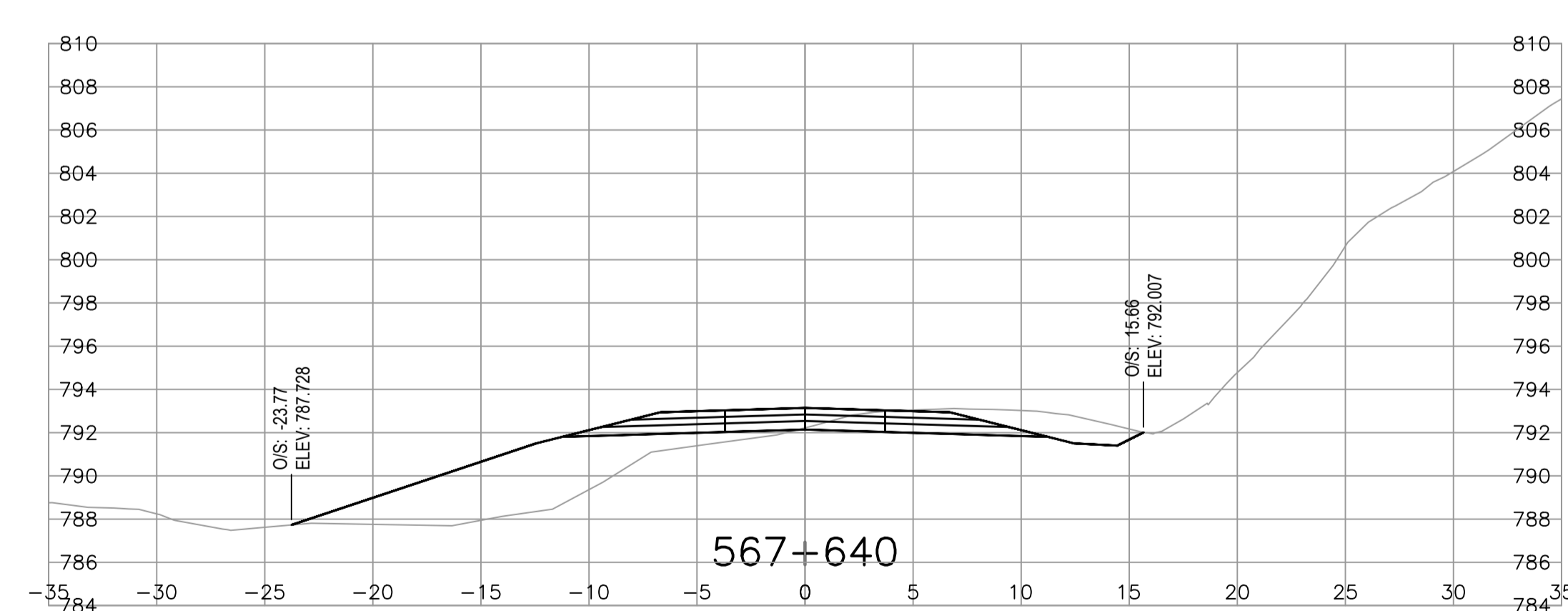
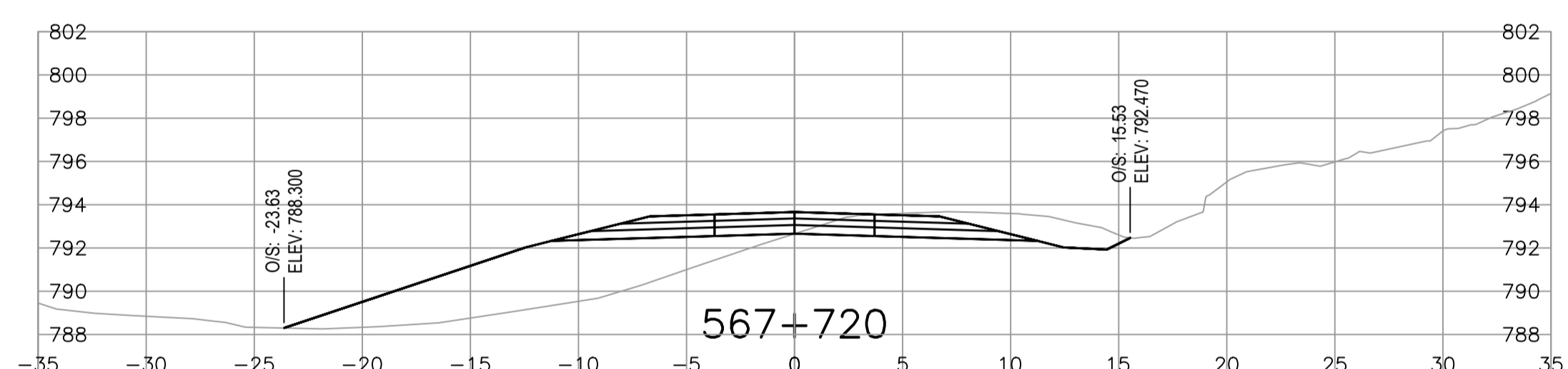
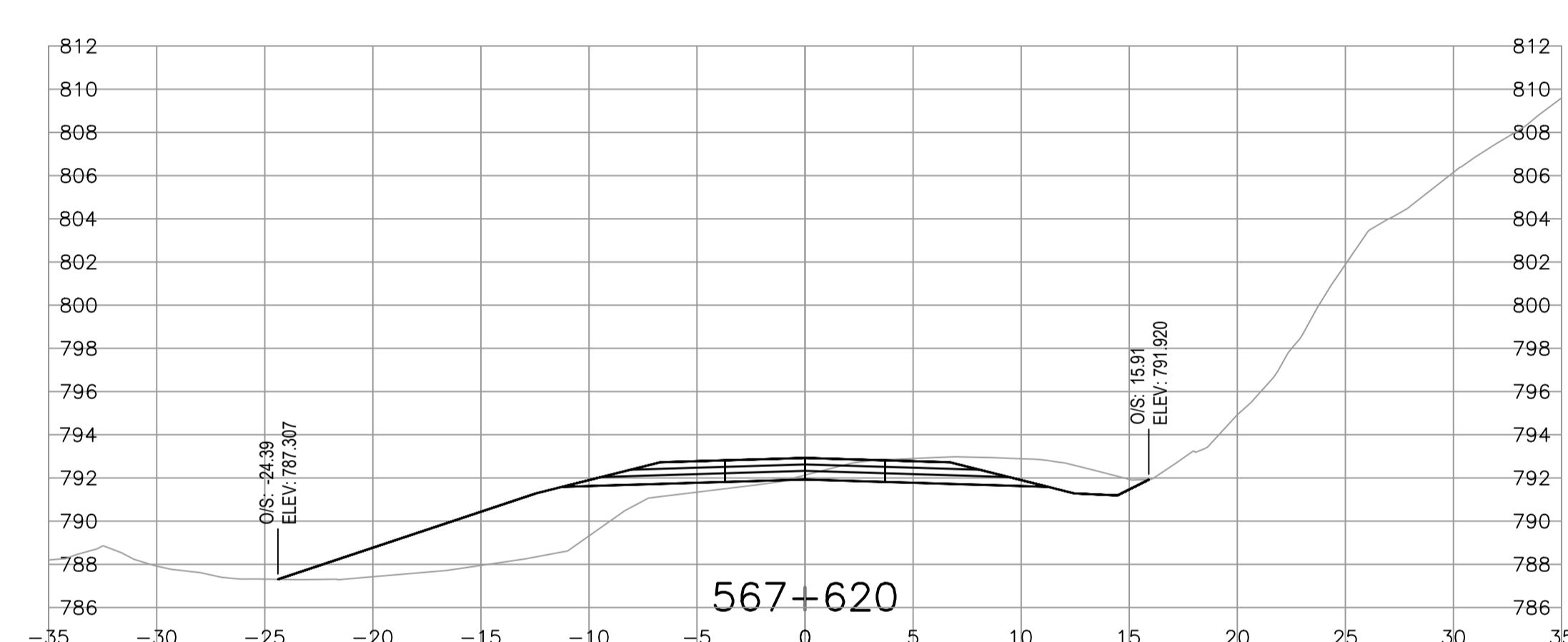
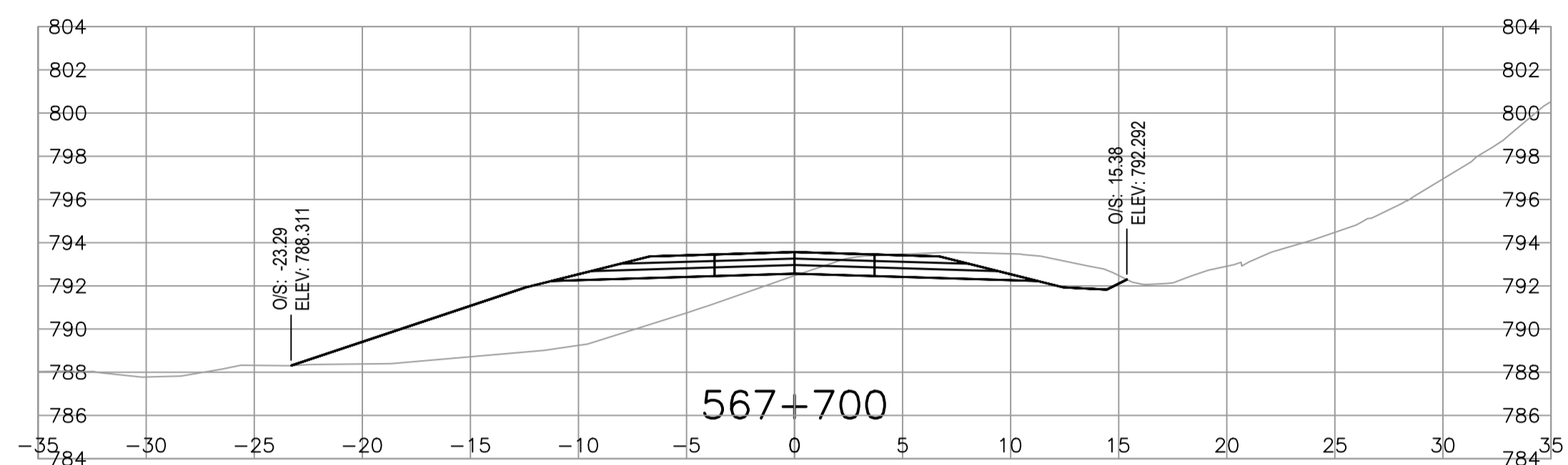
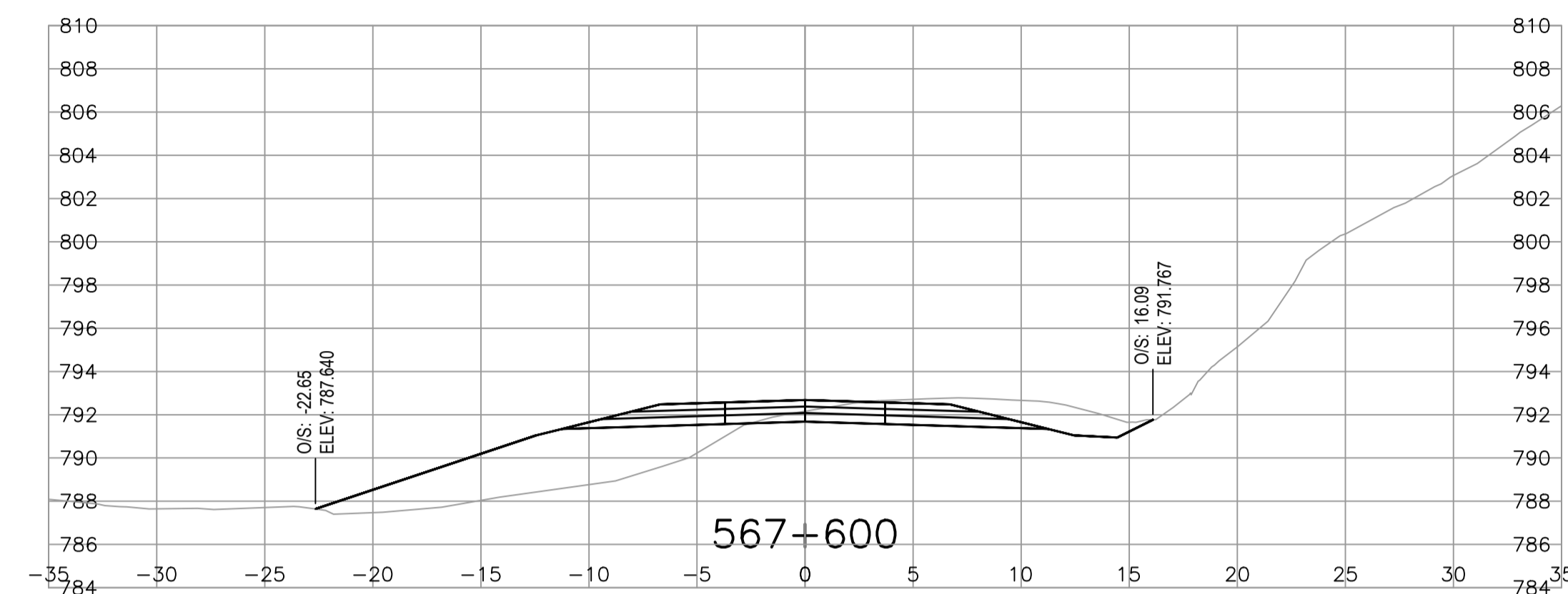
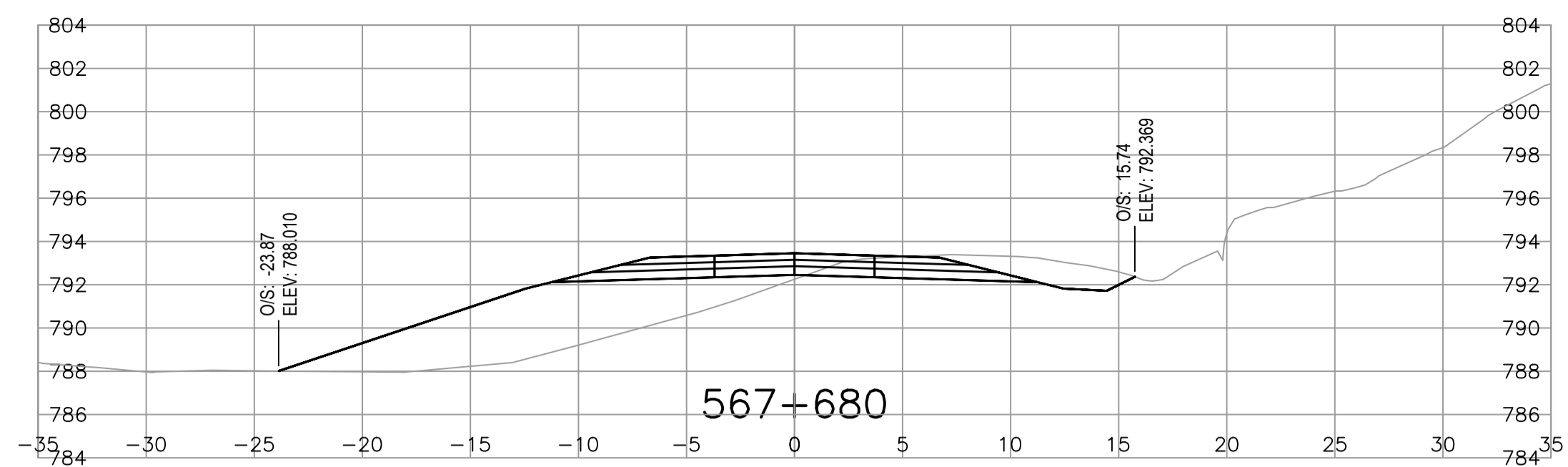
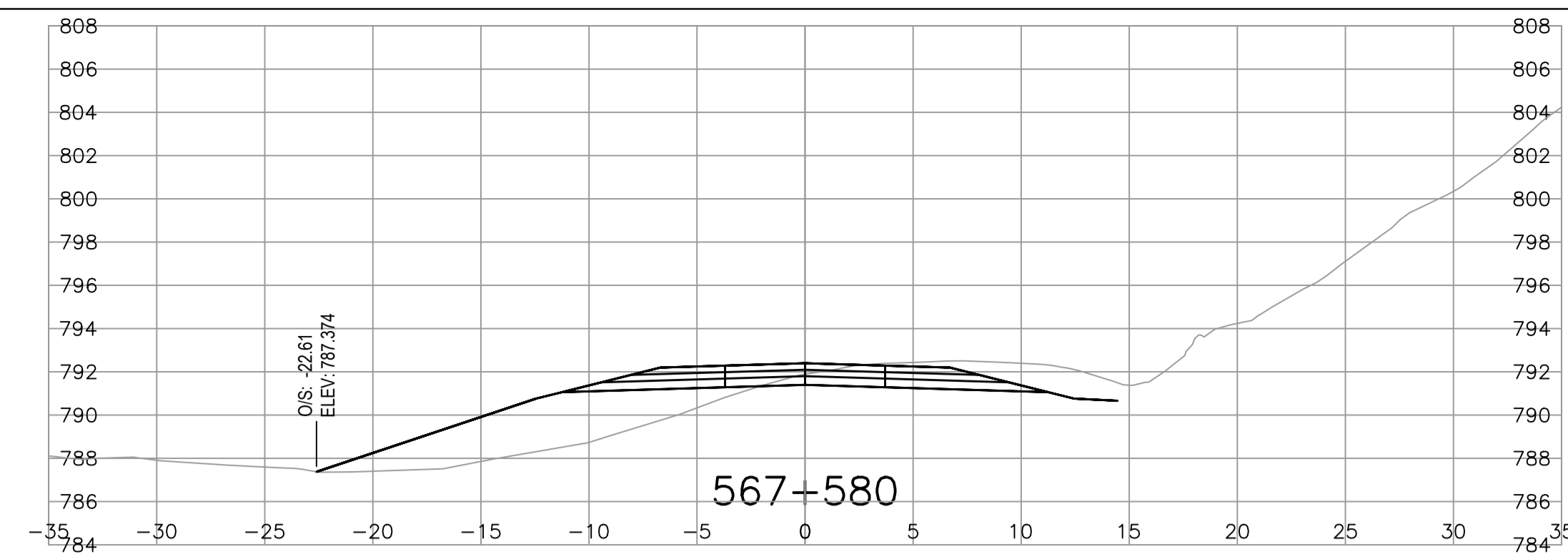


Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
S. LI
Designed by/Concepté par
E. YANG / M. KELEHER
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A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG
Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin

**HIGHWAY CROSS SECTIONS:
STA. 567+580 TO STA. 567+760**

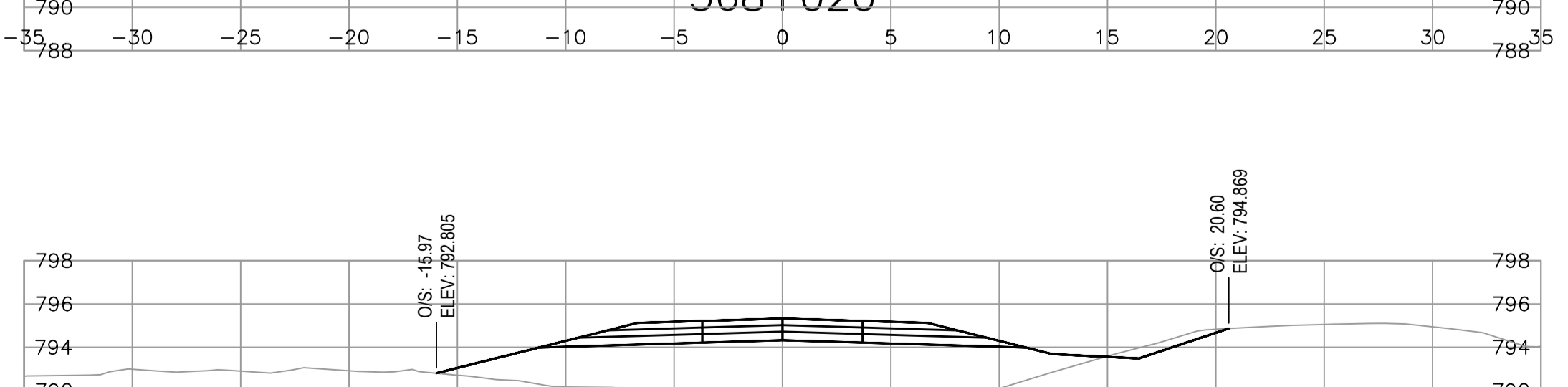
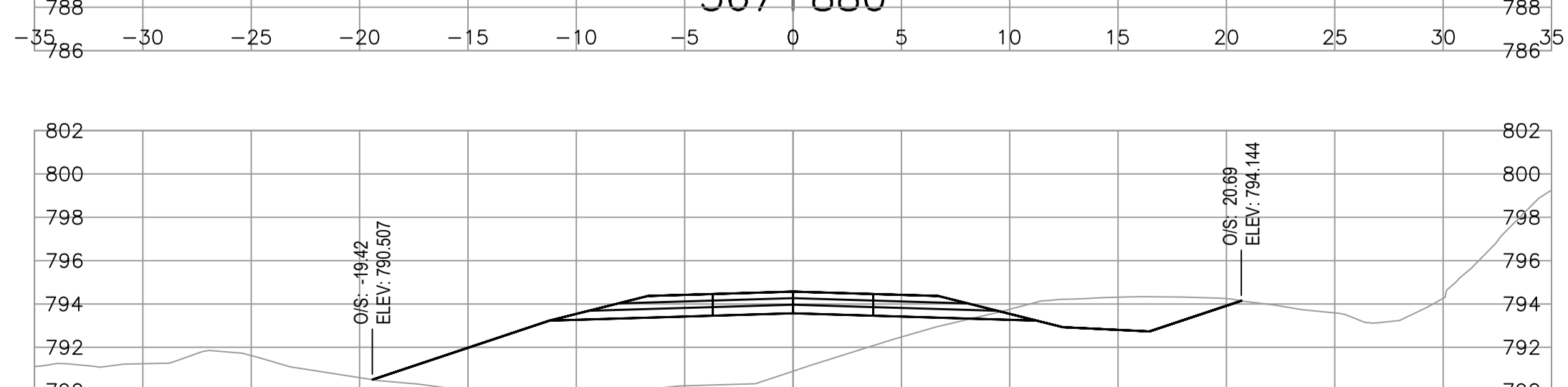
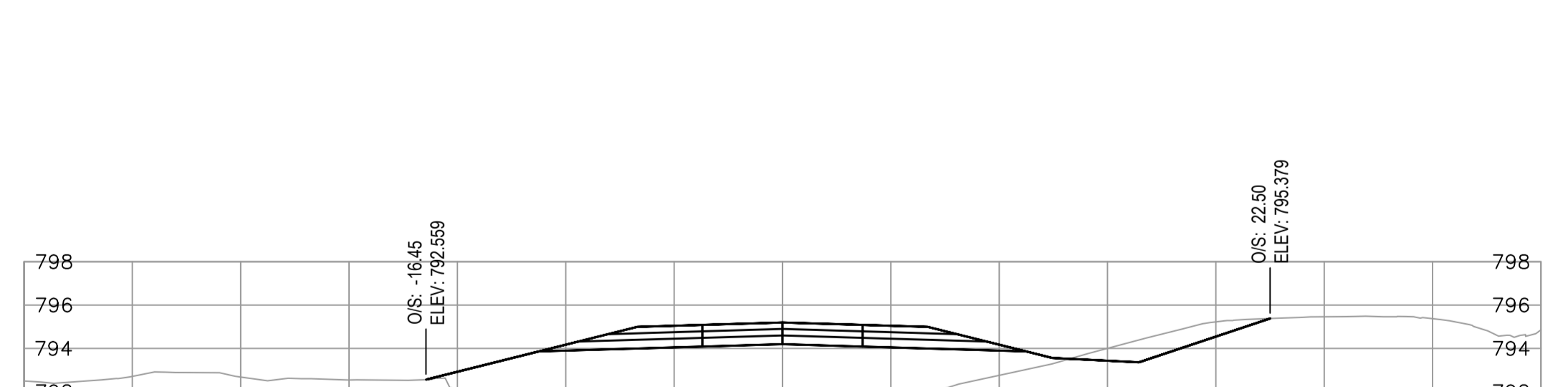
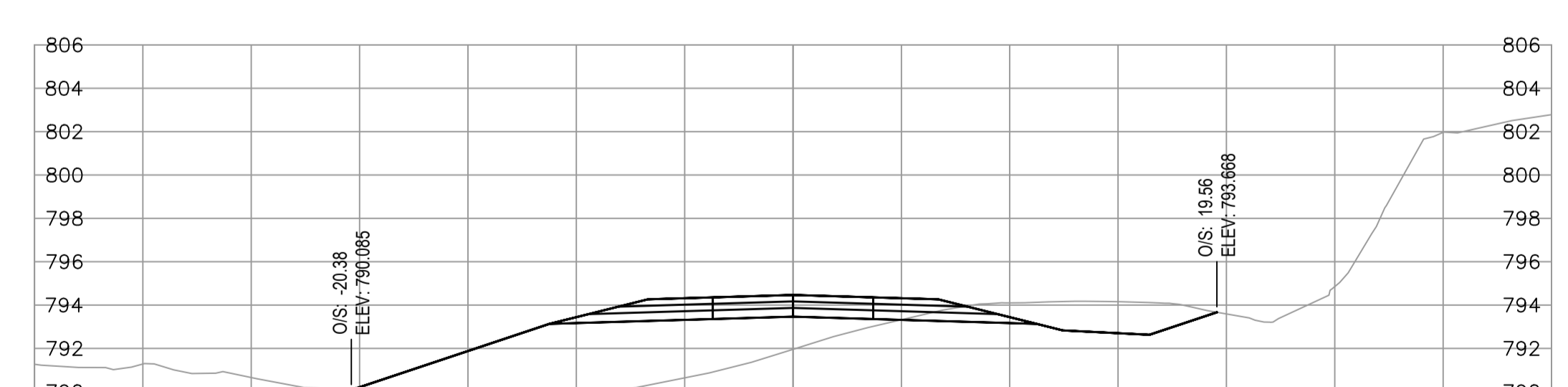
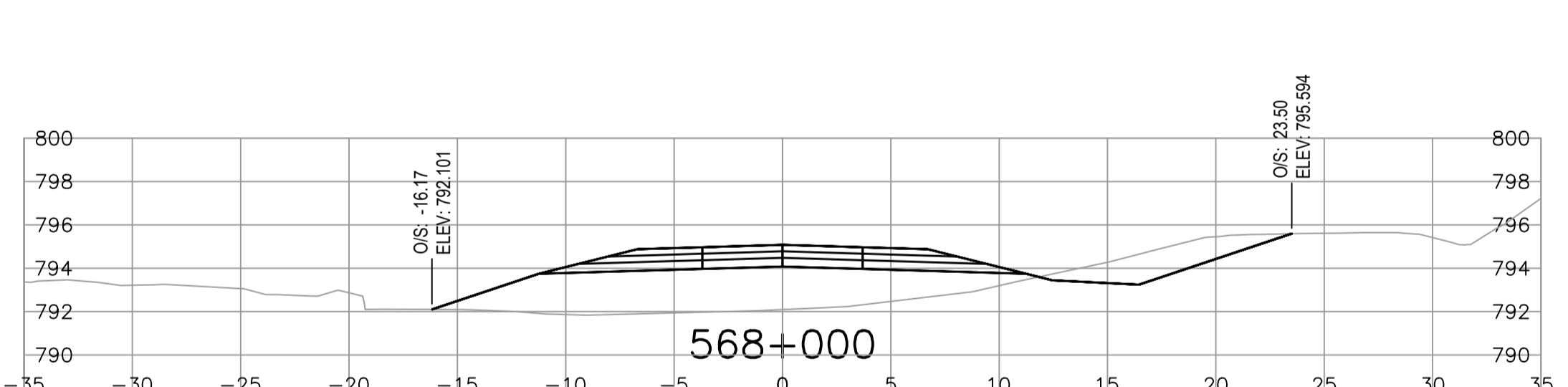
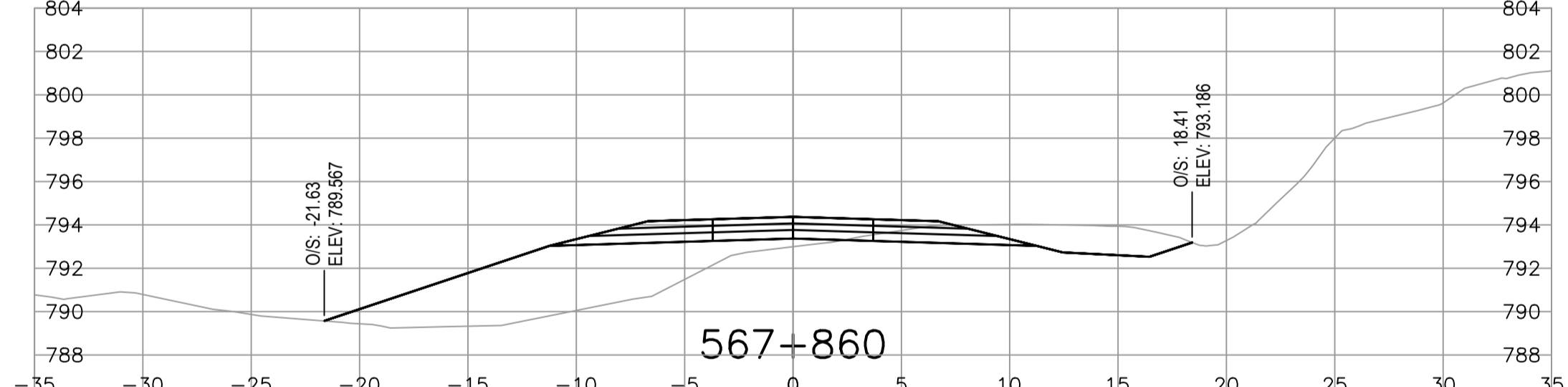
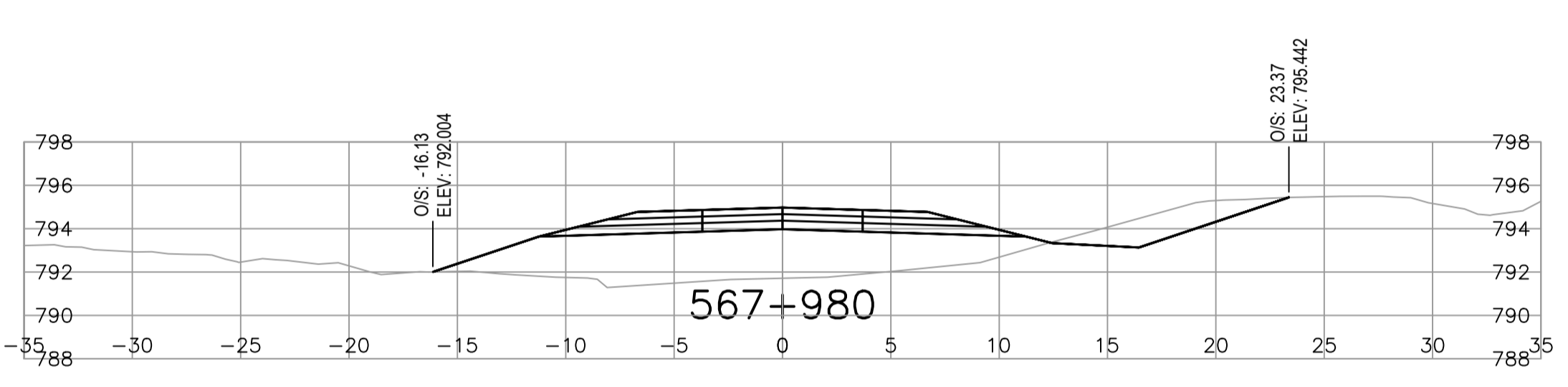
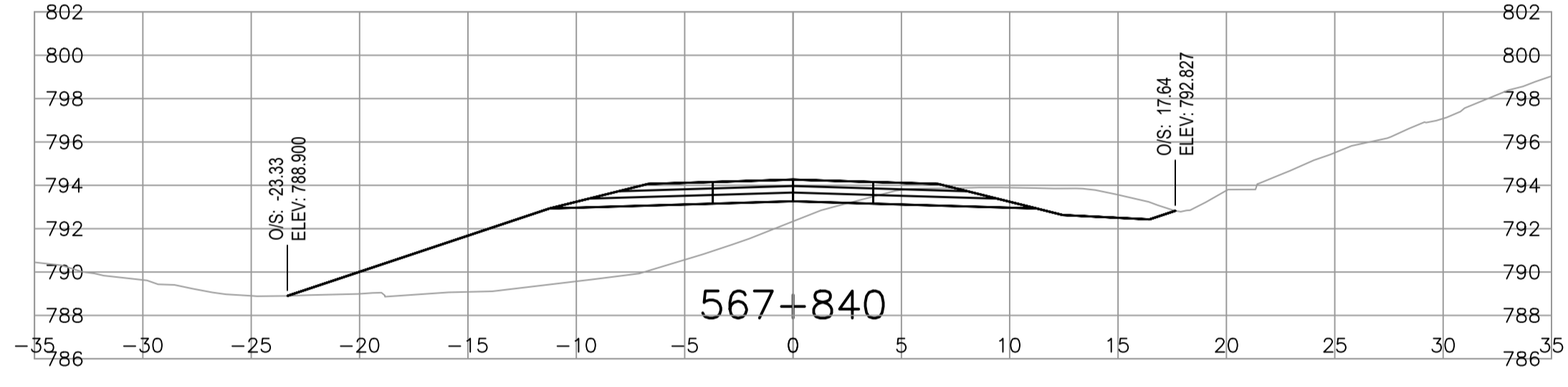
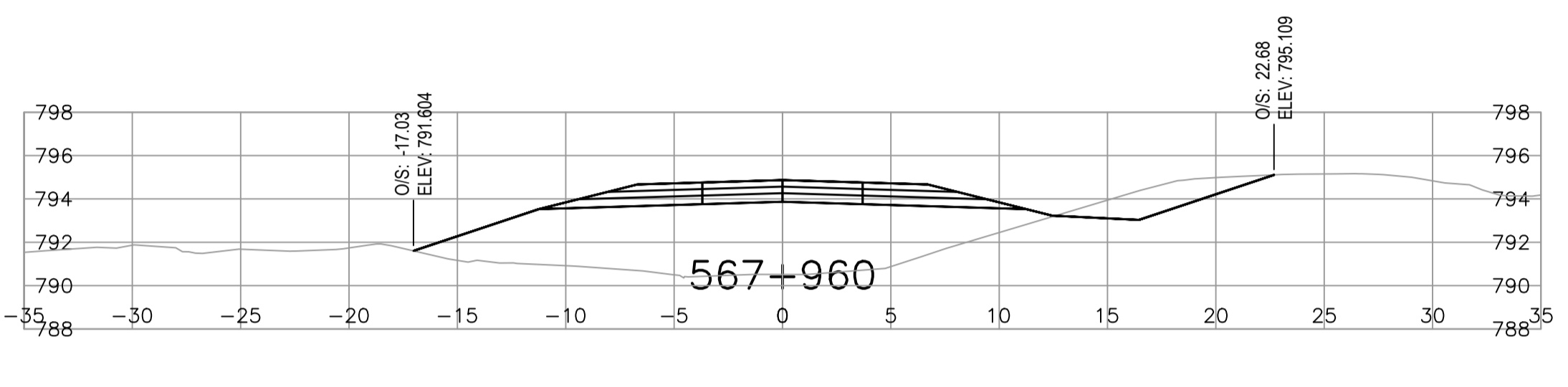
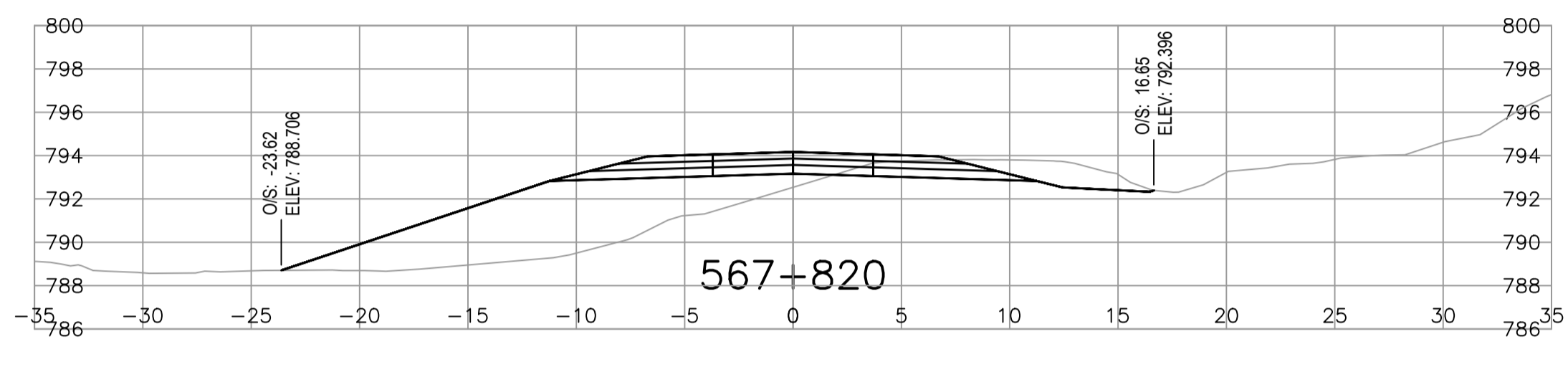
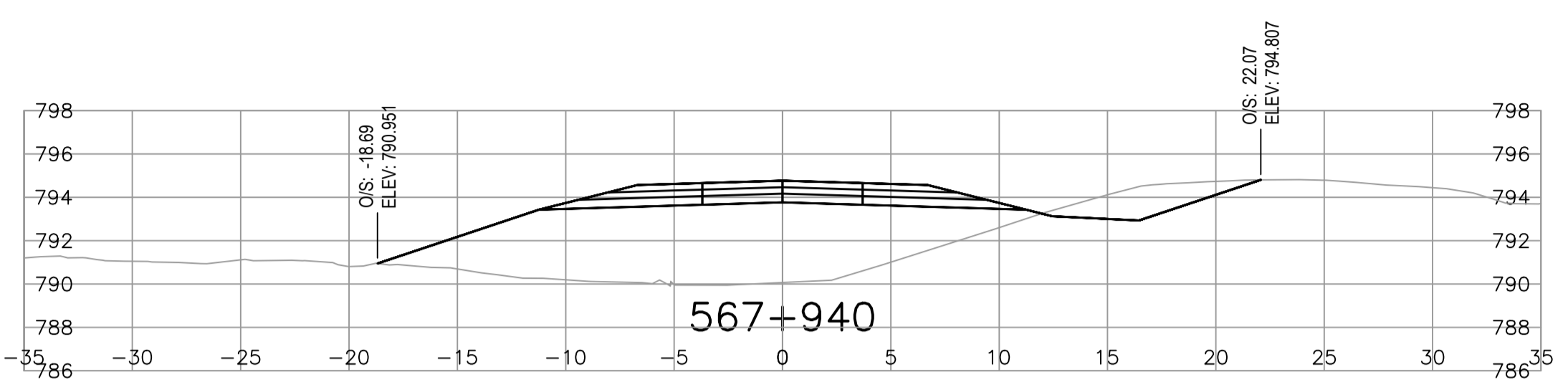
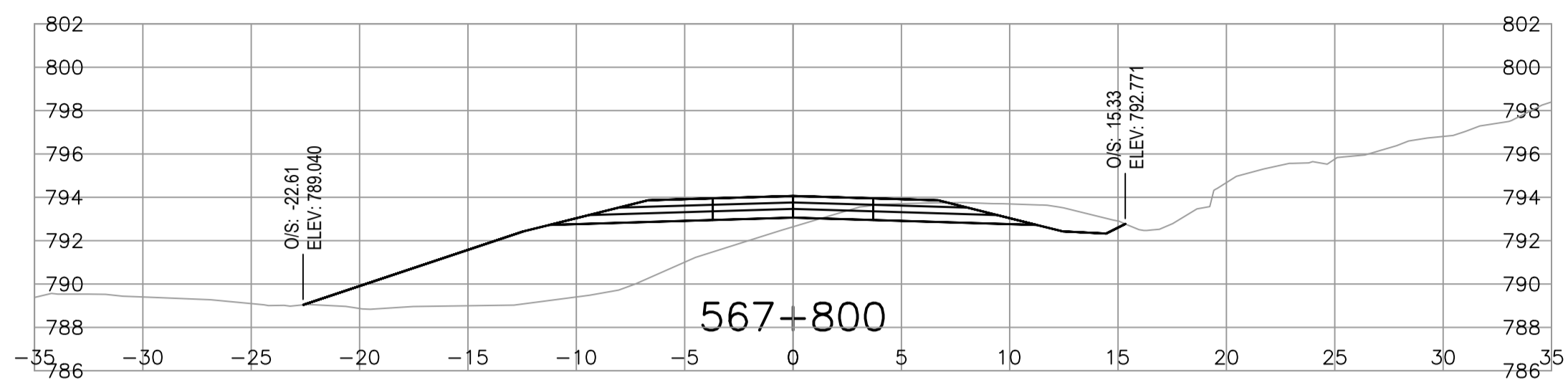
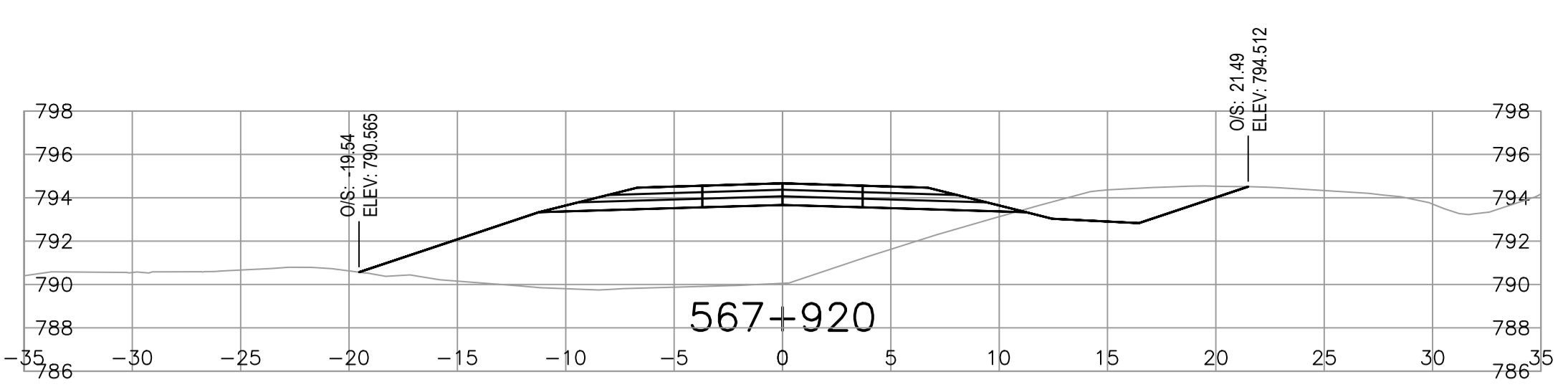
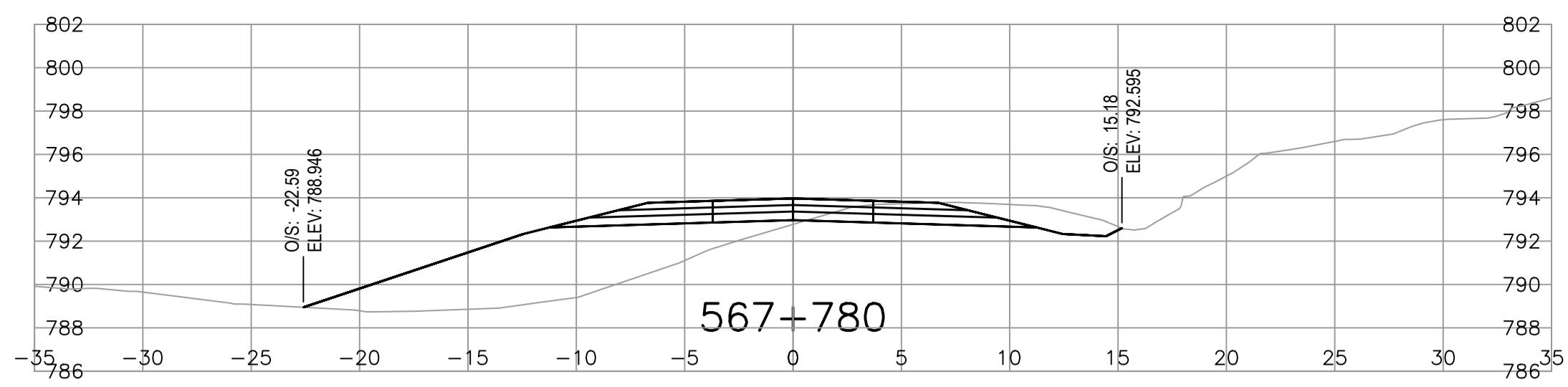
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C403	0



I:\local\alLegacy\ancouver\Transportation\TRN\VHWY\Projects\TRN\VHWY\Projects\TRN\VHWY\03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C401-C413 HIGHWAY CROSS SECTIONS.dwg [C403] June 02, 2021 - 12:12:31 pm (BY: LEO BRANDON)

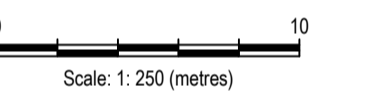


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ISSUED FOR TENDER

GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



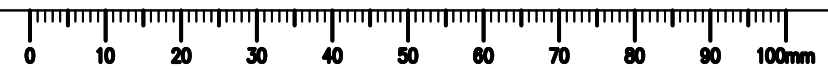
Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

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 Drawing title/Titre du dessin

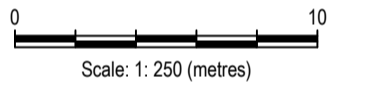
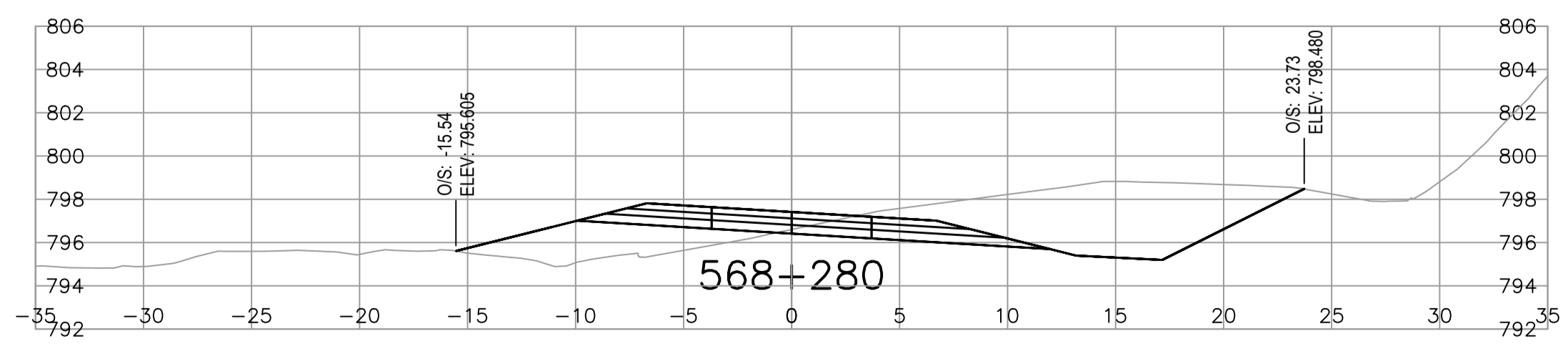
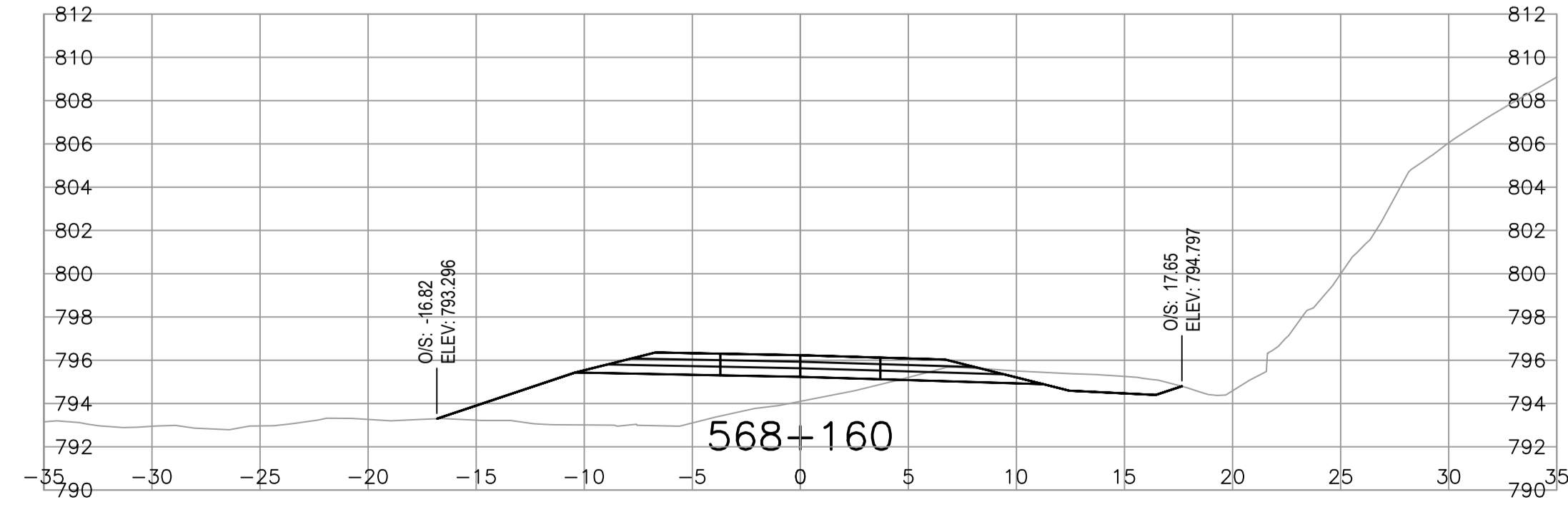
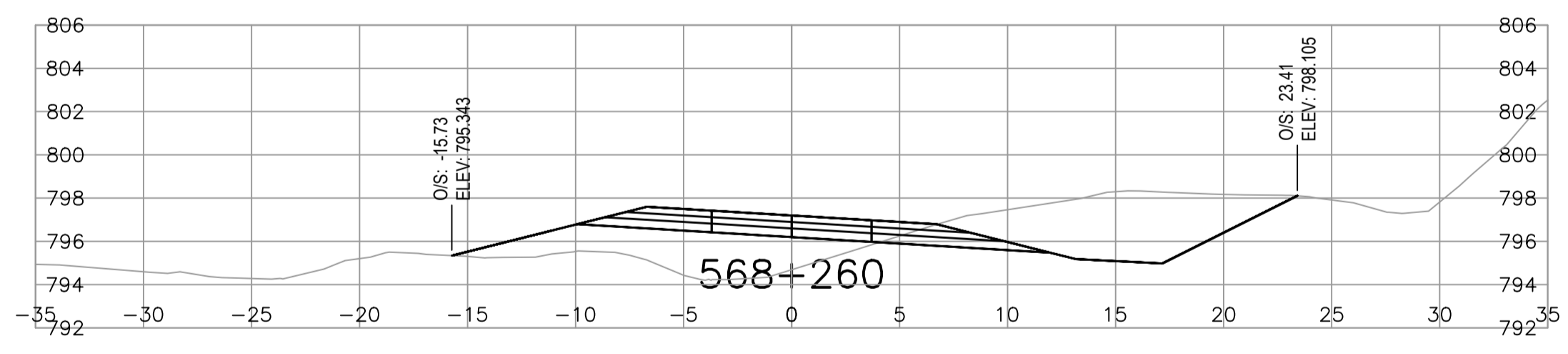
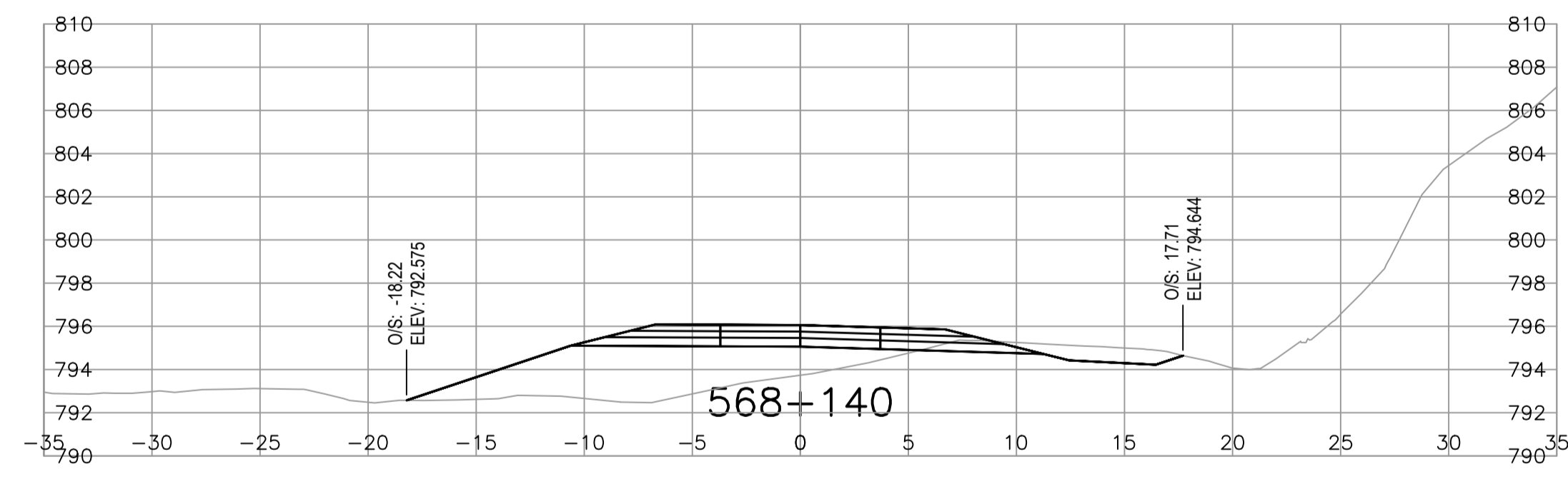
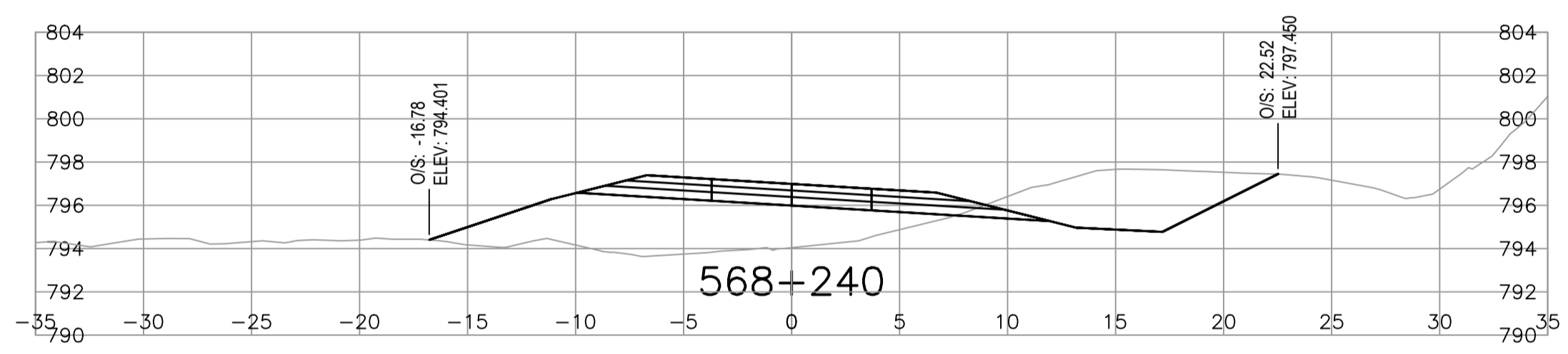
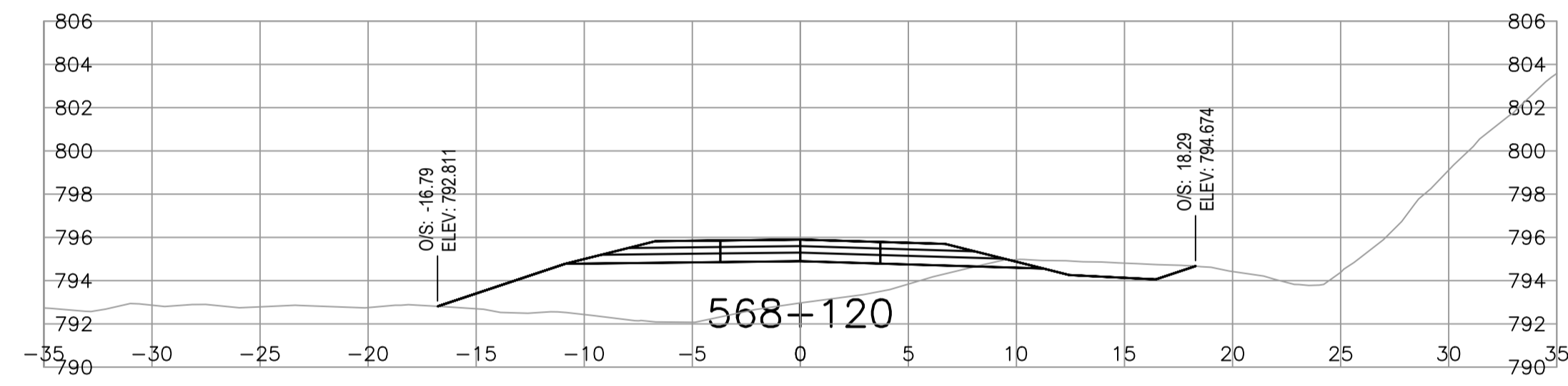
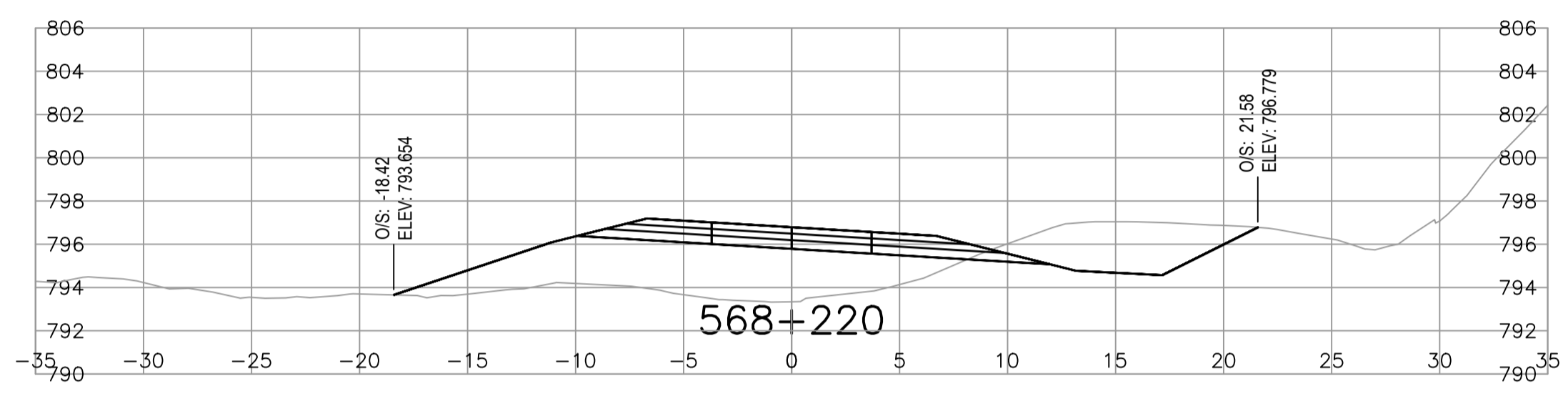
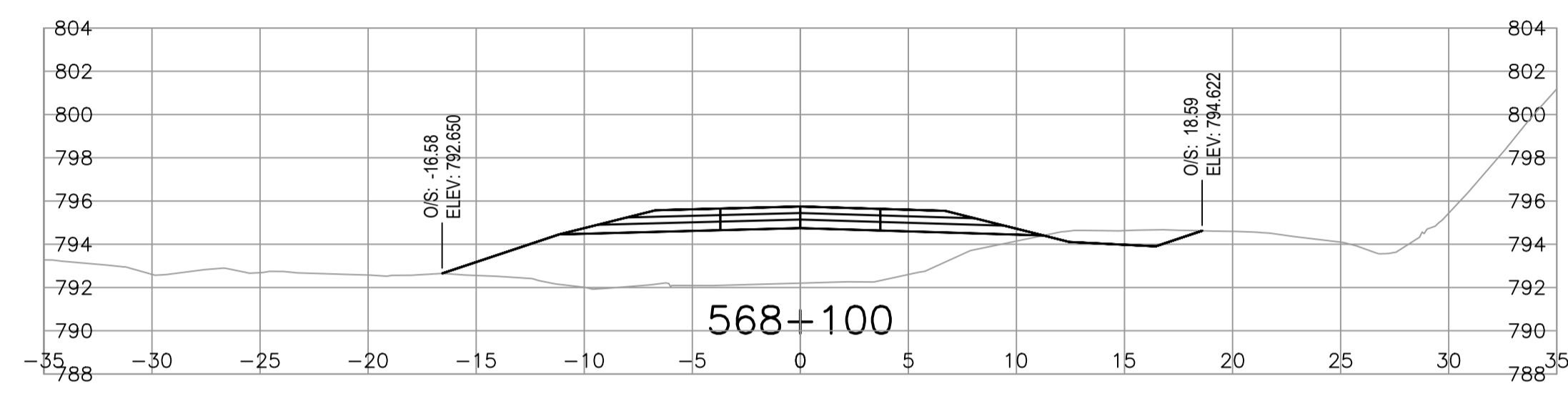
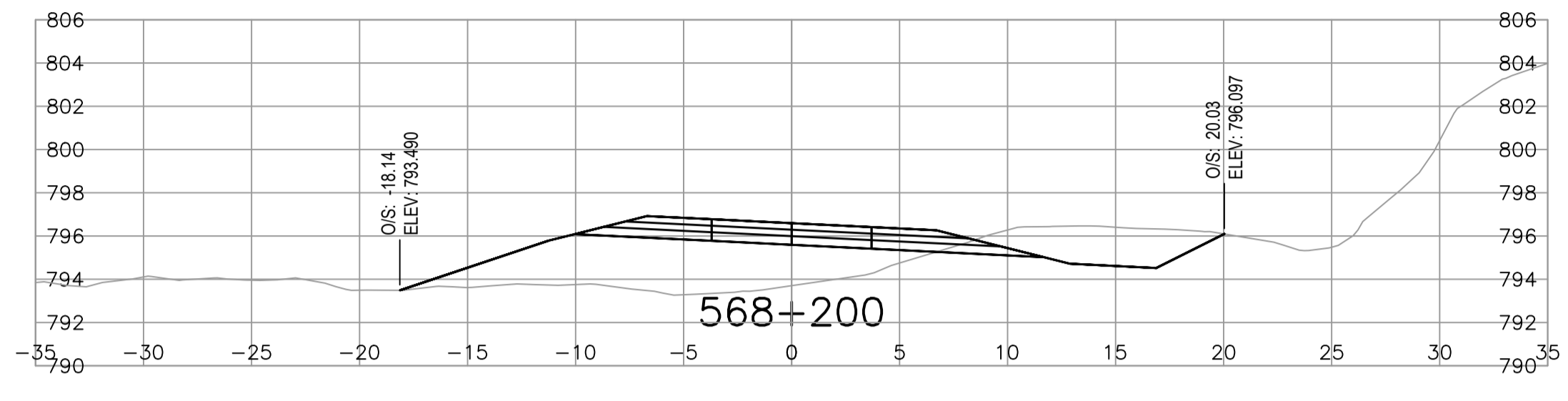
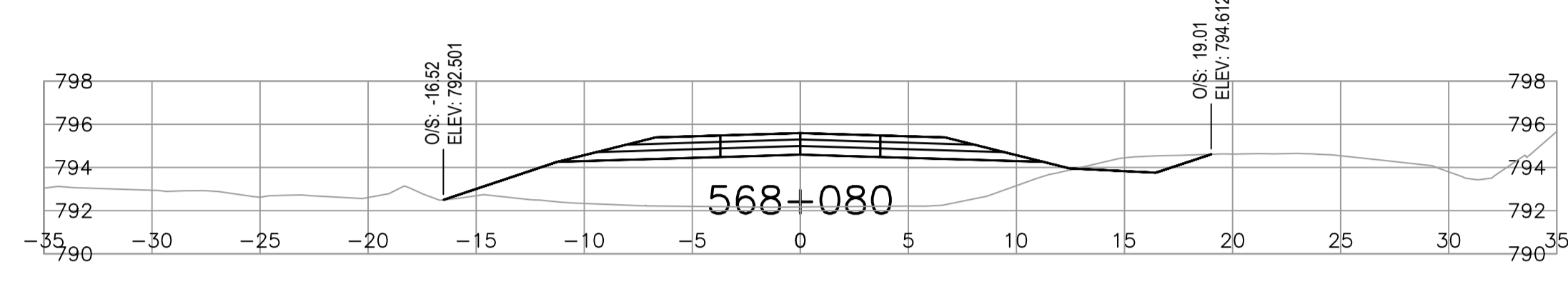
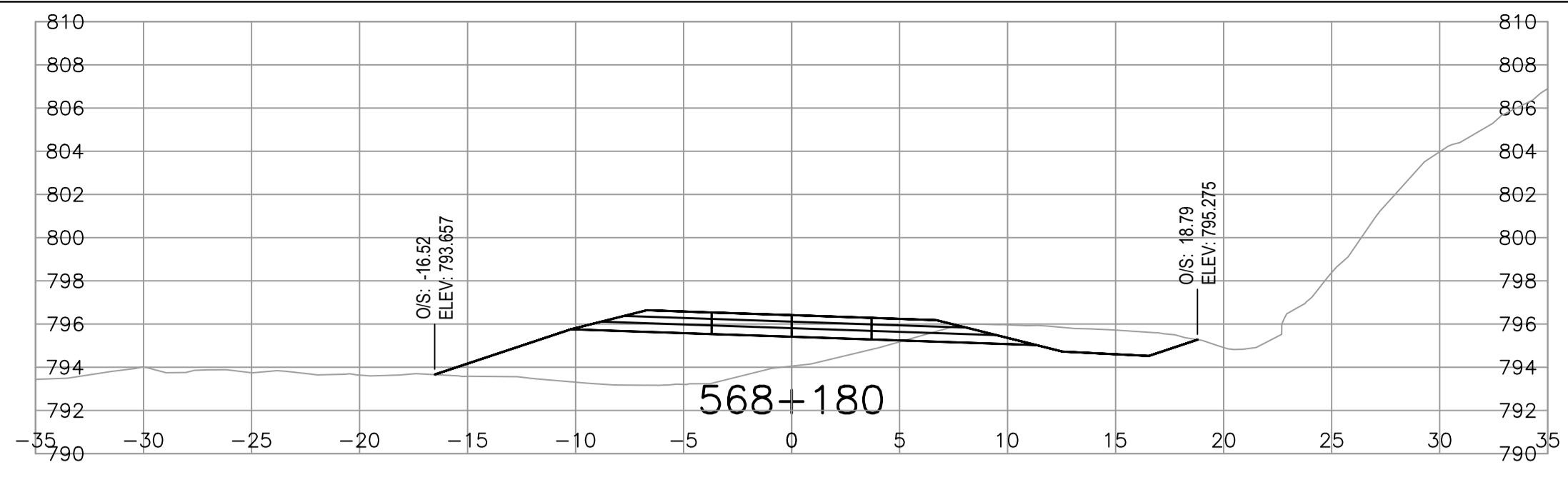
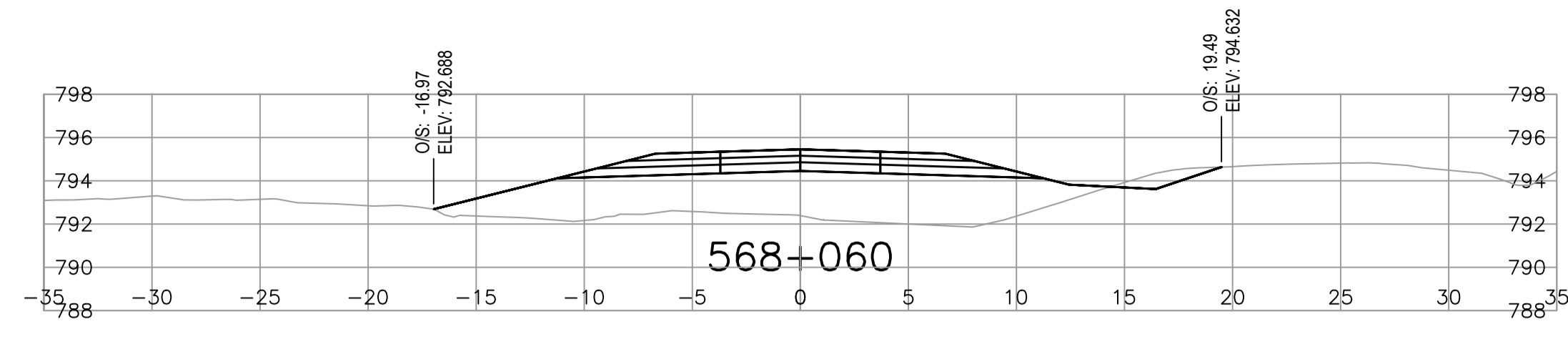
**HIGHWAY CROSS SECTIONS:
 STA. 567+780 TO STA. 568+040**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C404	0



ISSUED FOR TENDER

GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI

Designed by/Concept par
E. YANG / M. KELEHER

Drawn by/Dessine par
A. DEEPWELL

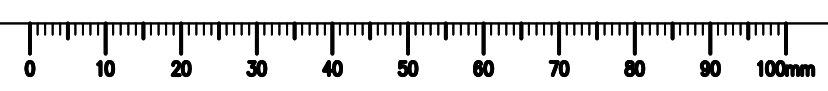
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
HIGHWAY CROSS SECTIONS: STA. 568+060 TO STA. 568+280

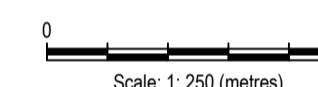
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C405	0

I:\Local\al\Legacy\ancouver\Transportation\TRN\VHWY\Projects\TRN\VHWY03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C401-C413 HIGHWAY CROSS SECTIONS.dwg [C405] June 02, 2021 - 12:12:41 pm (By: LEO BRANDON)



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada

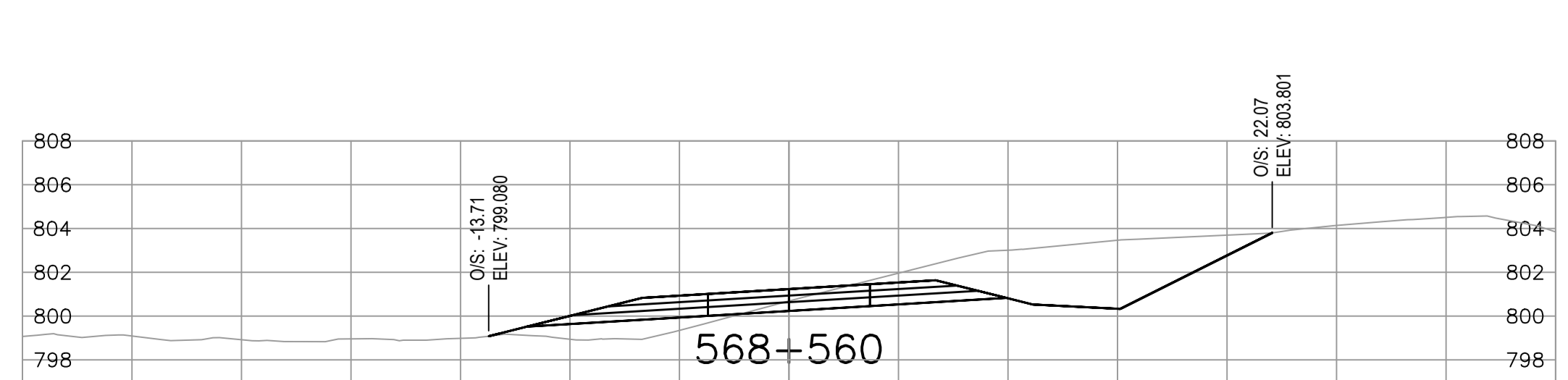
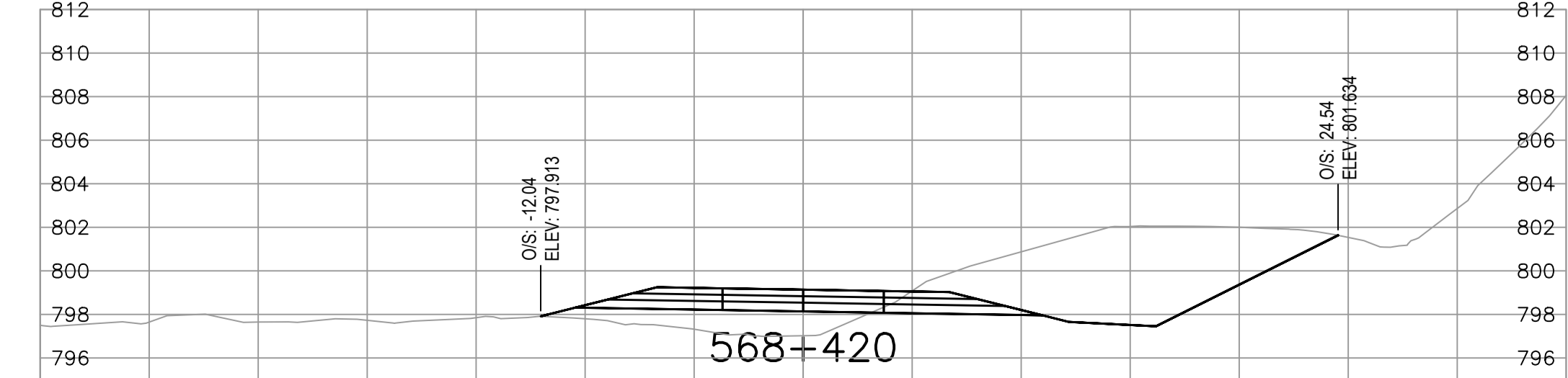
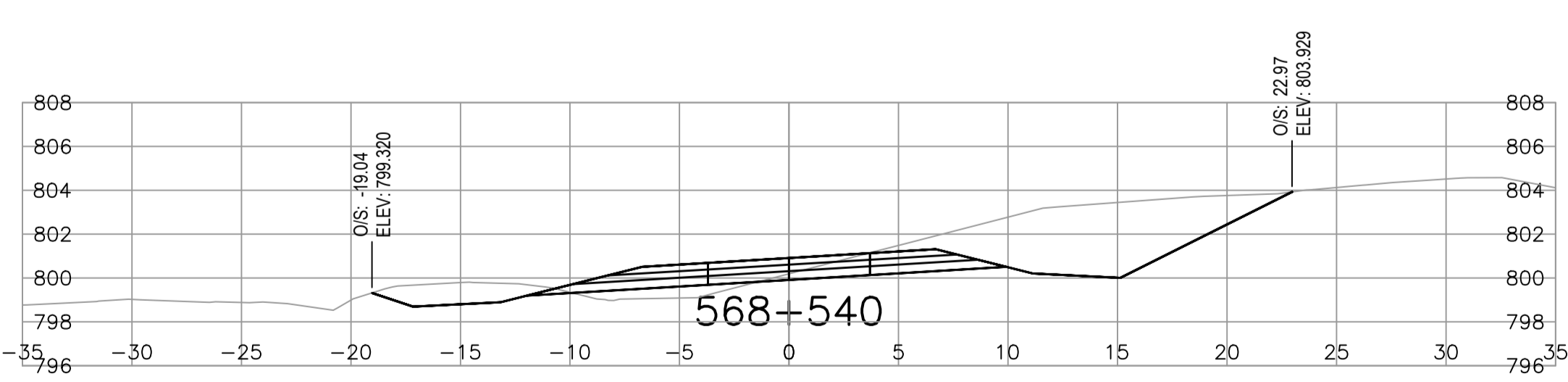
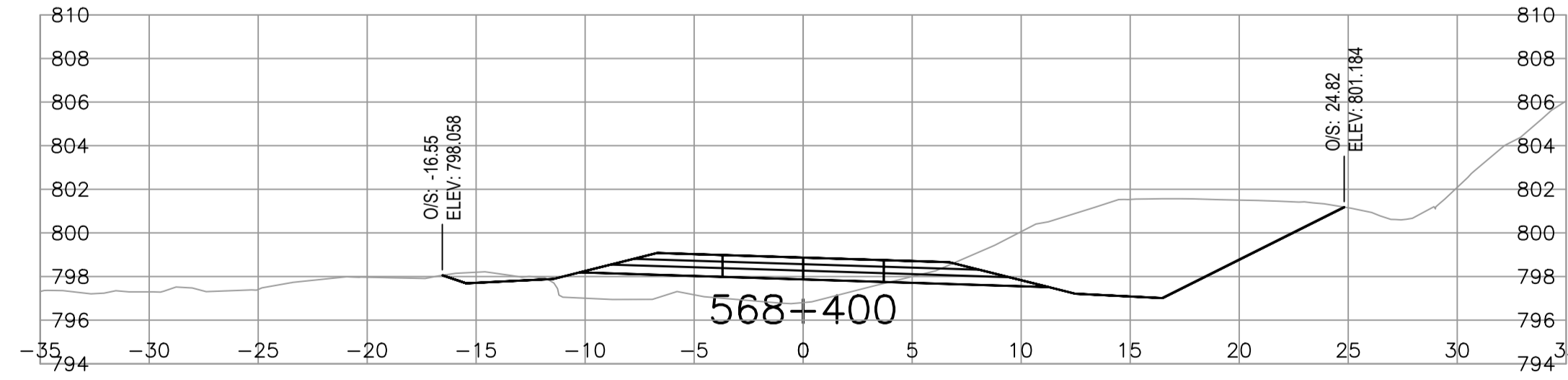
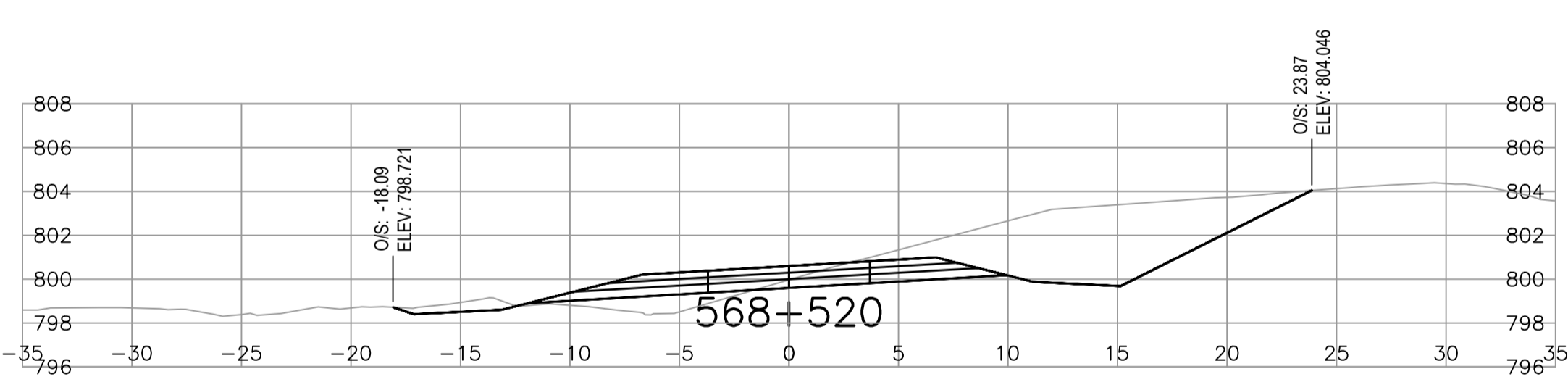
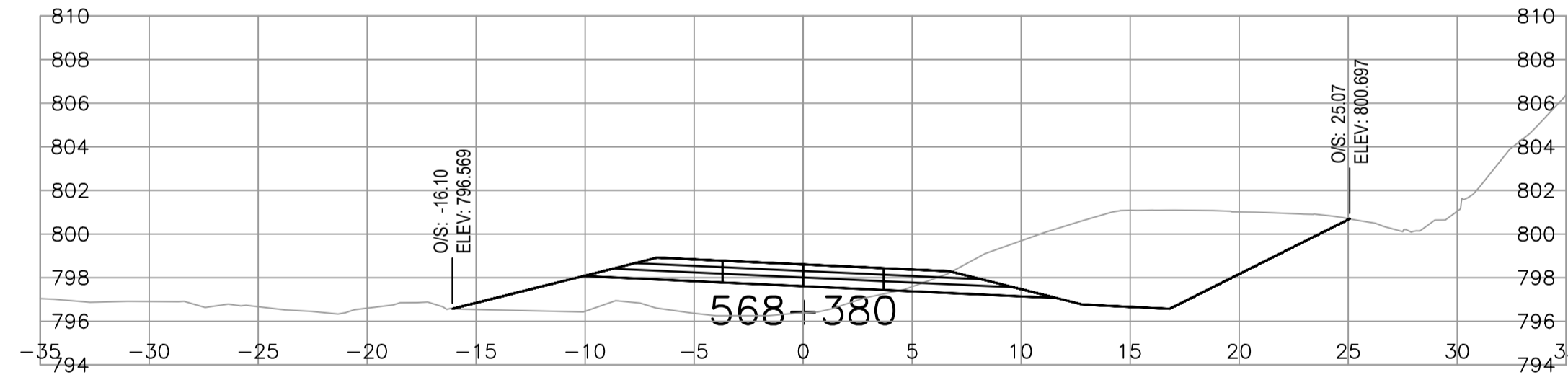
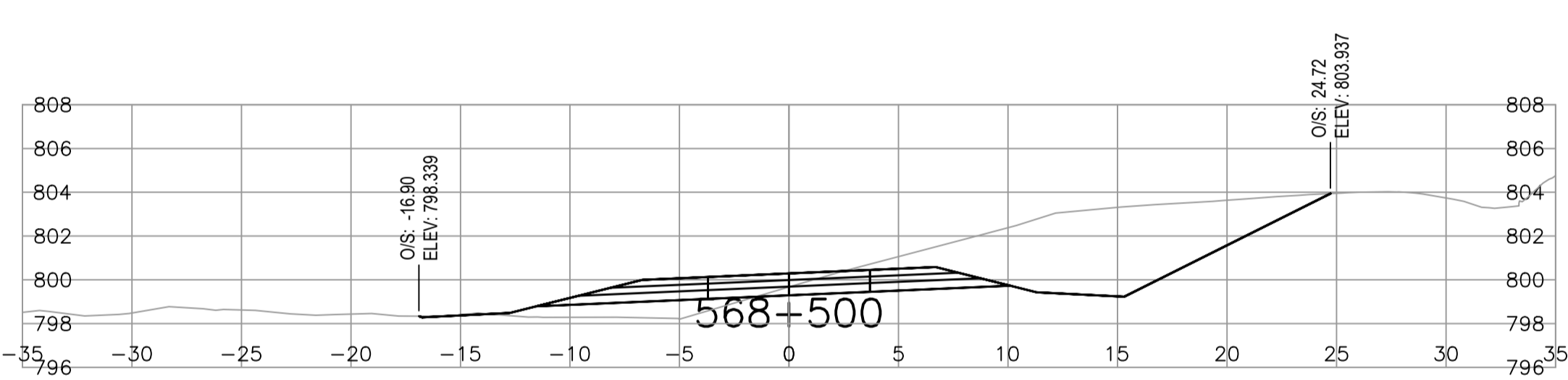
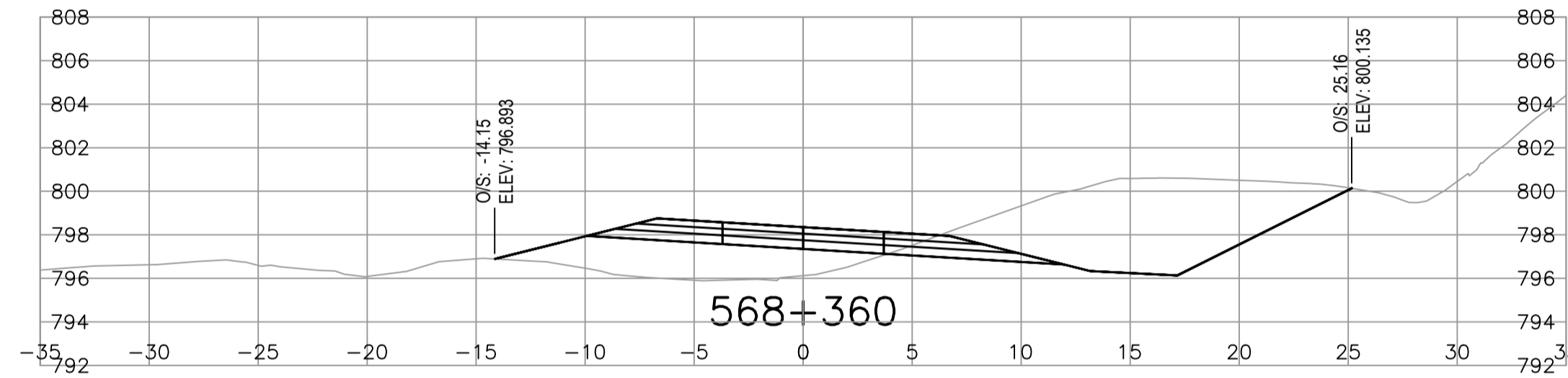
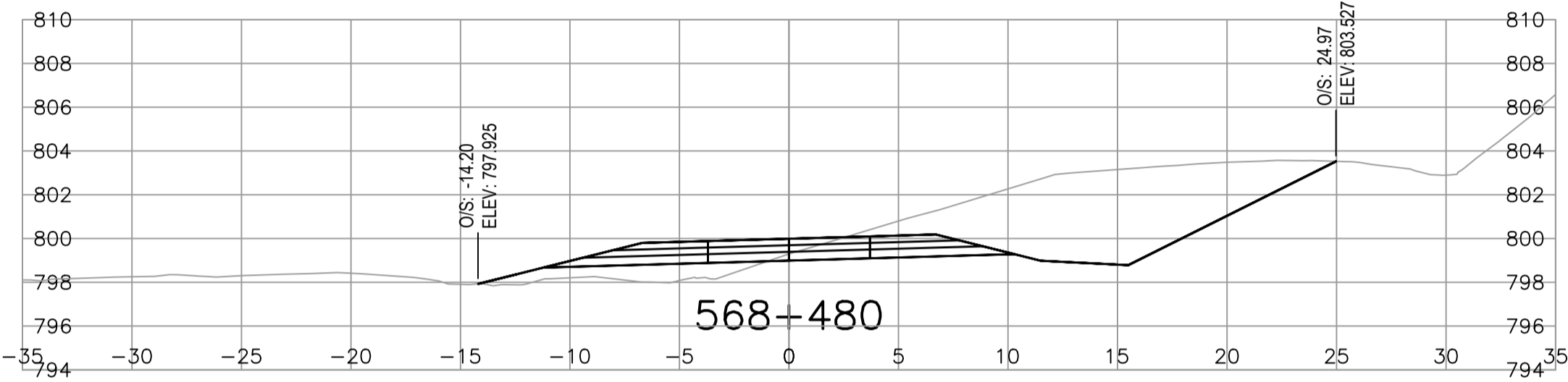
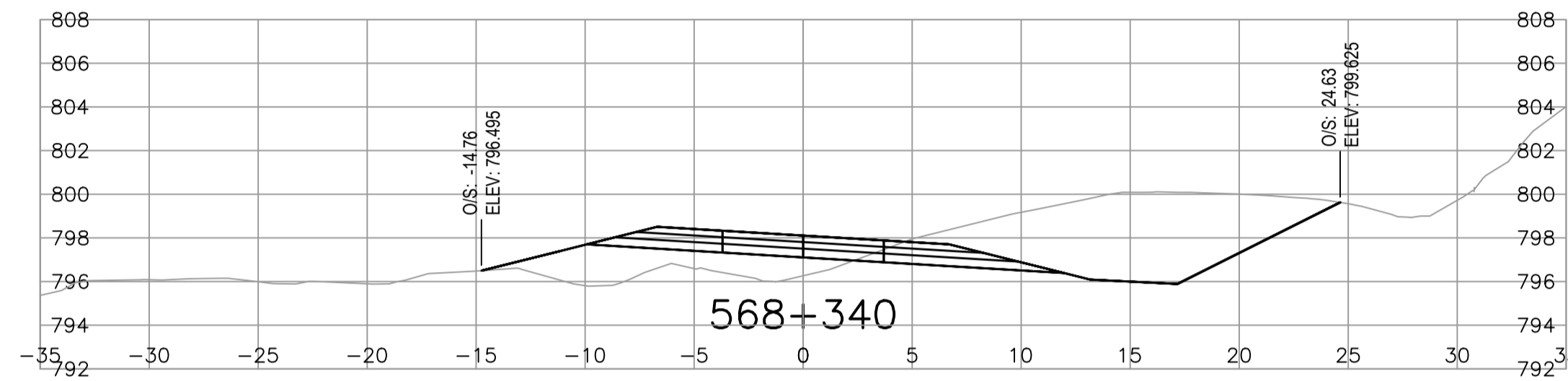
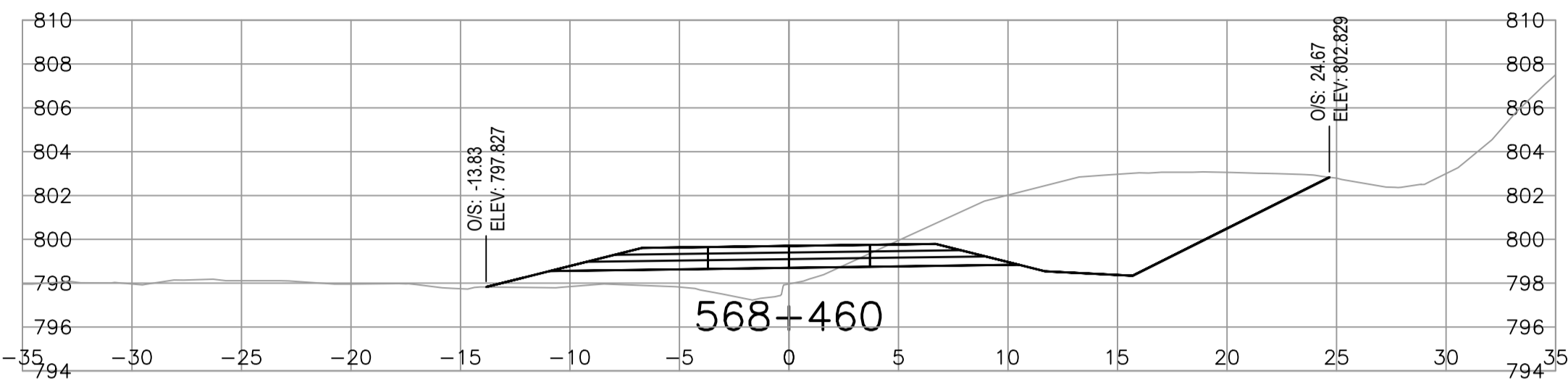
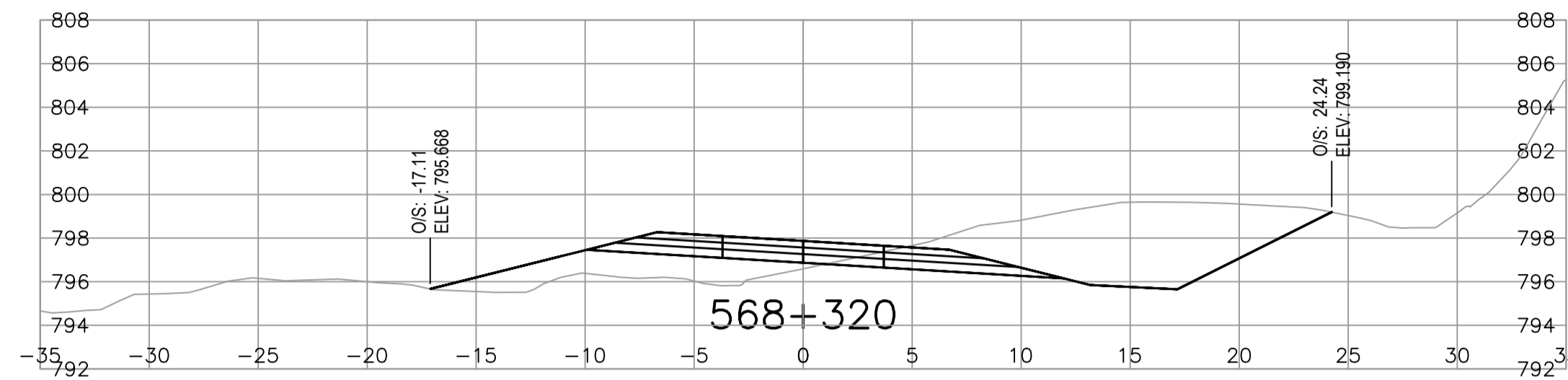
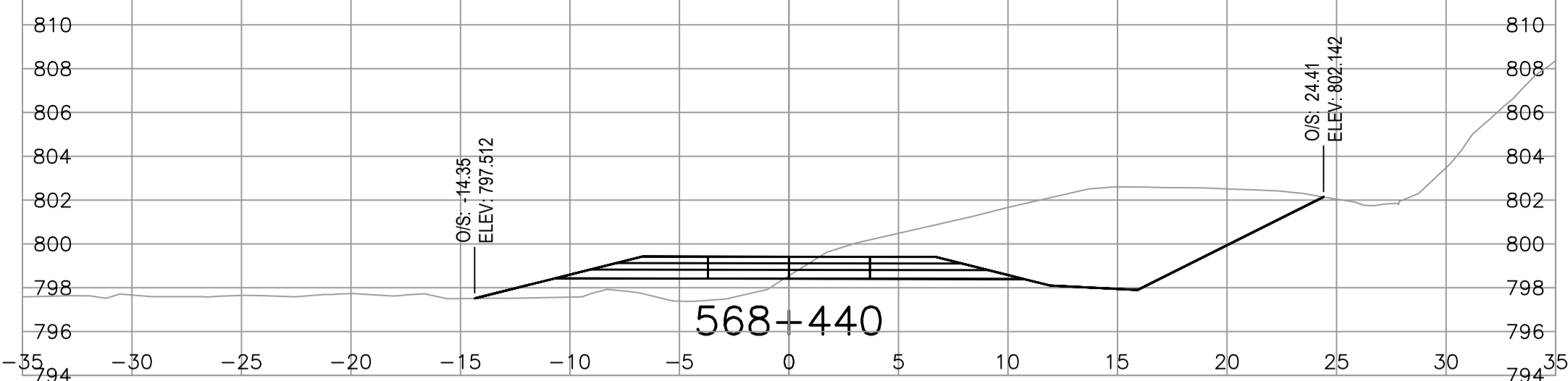
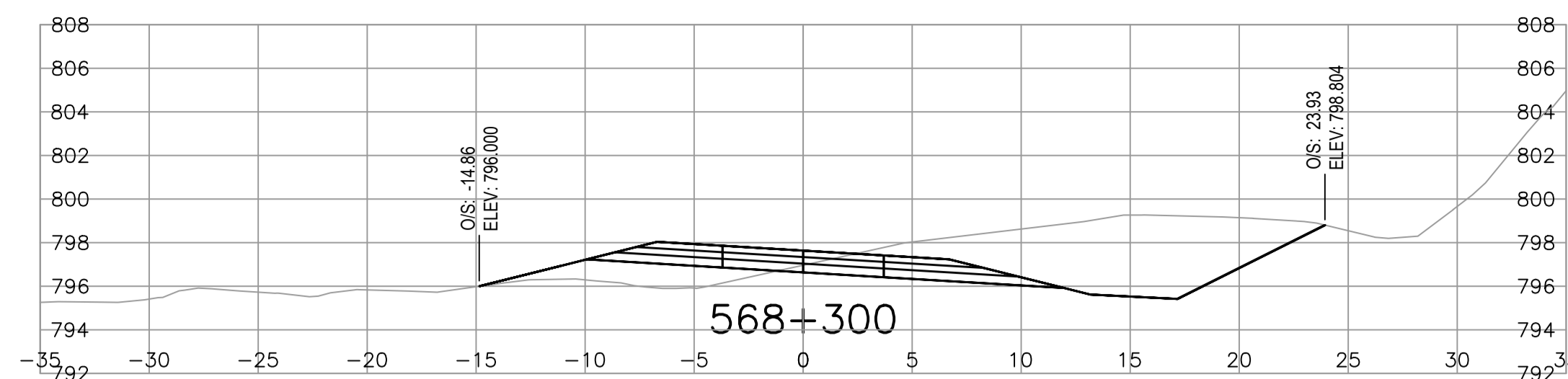


Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

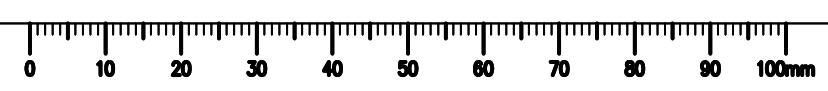
Approved by/Approuvé par
S. LI
Designed by/Concepté par
E. YANG / M. KELEHER
Drawn by/Dessiné par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG
Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin

**HIGHWAY CROSS SECTIONS:
STA. 568+300 TO STA. 568+560**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C406	0

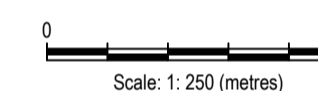


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ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada

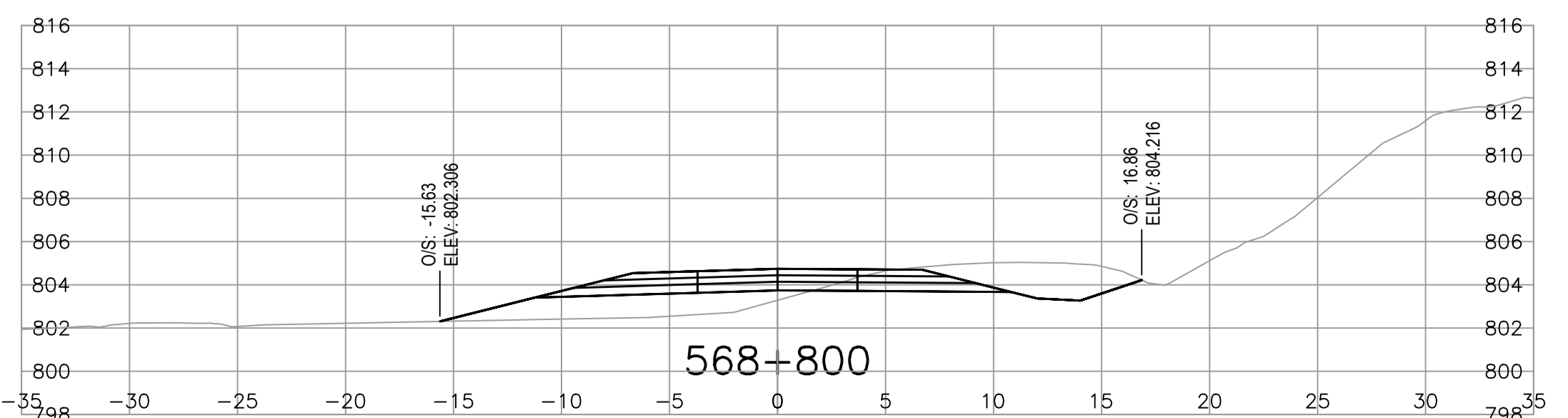
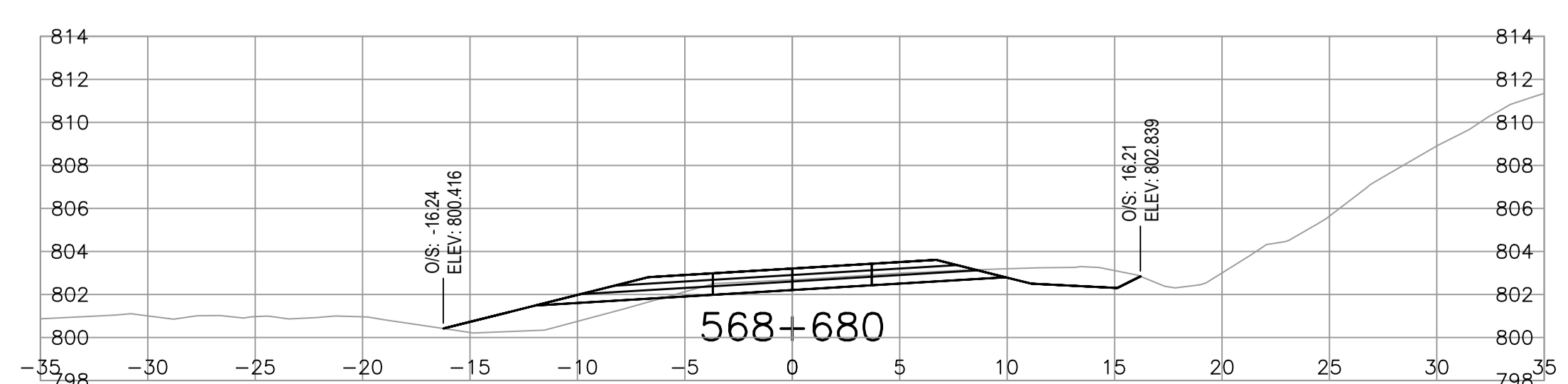
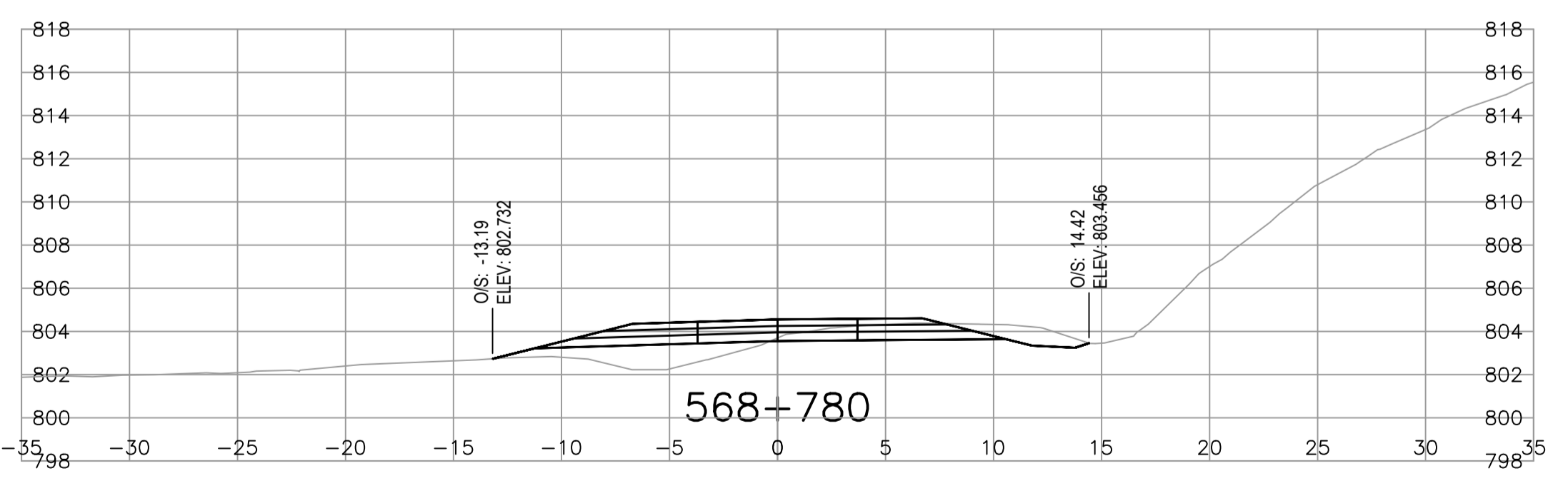
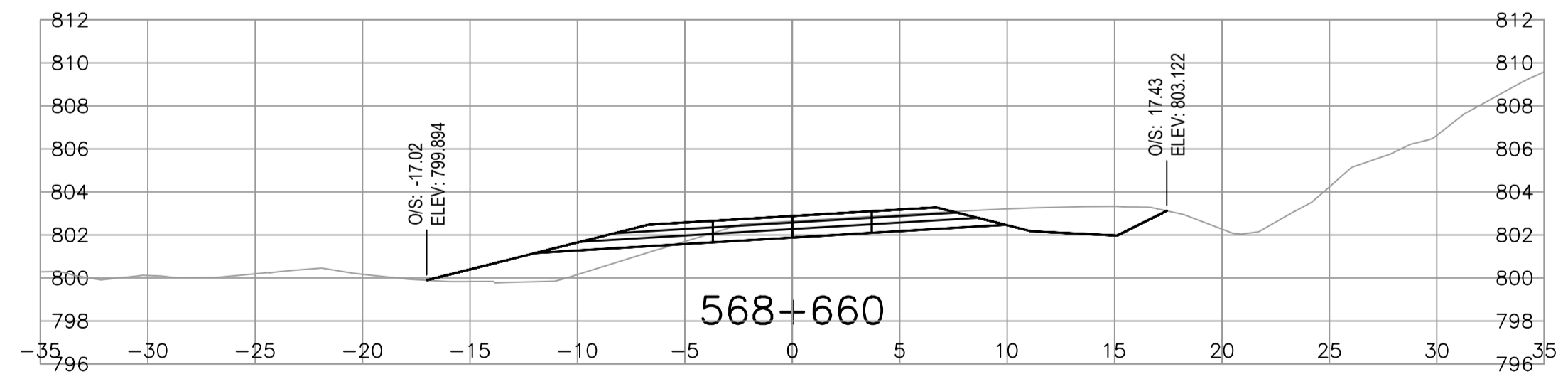
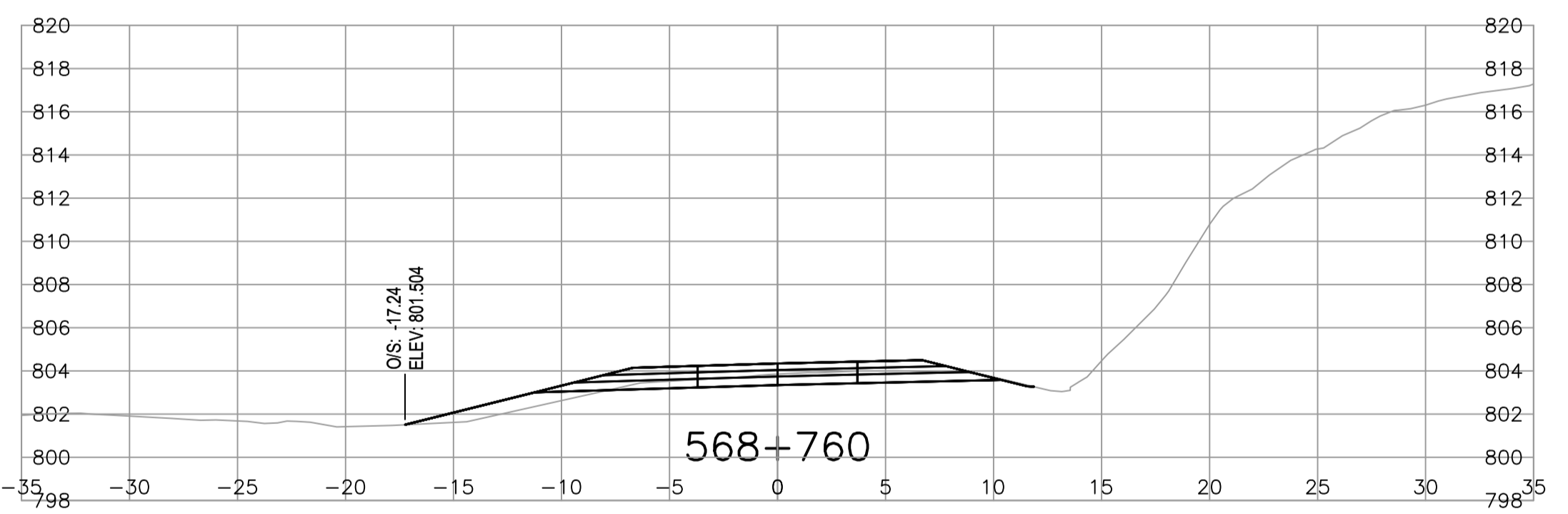
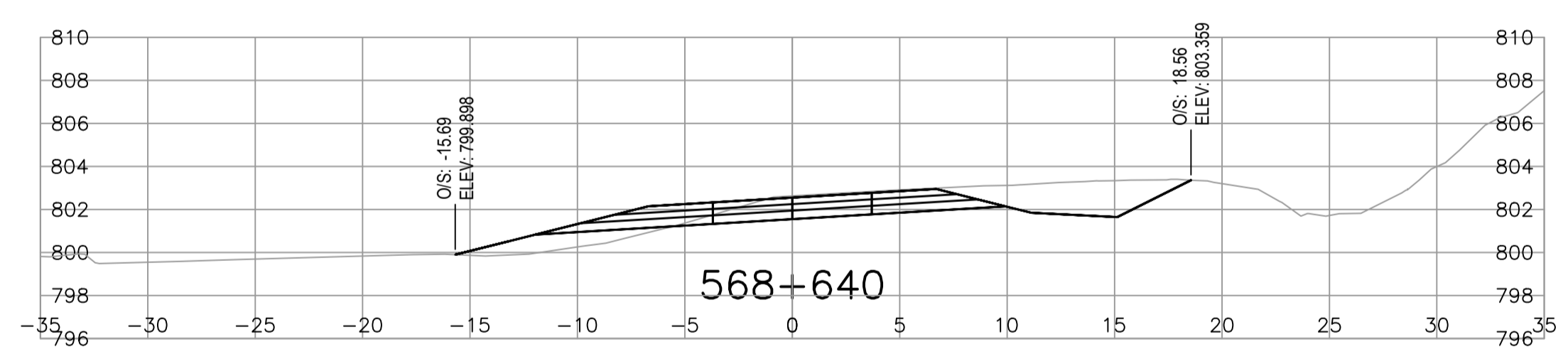
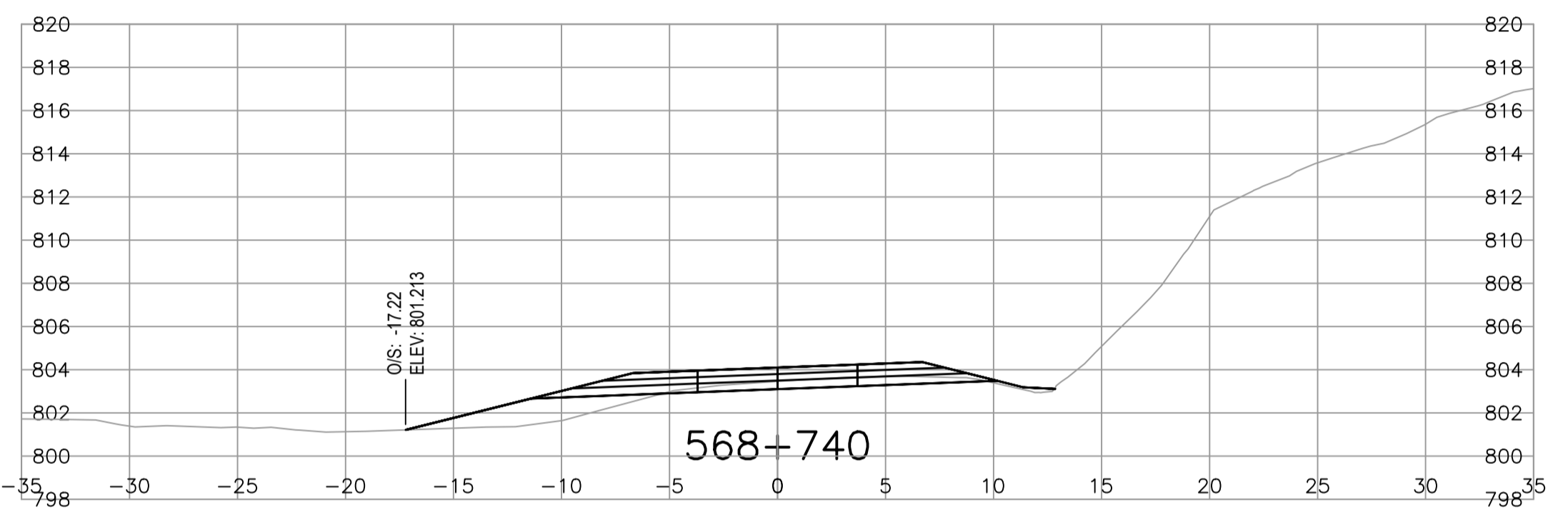
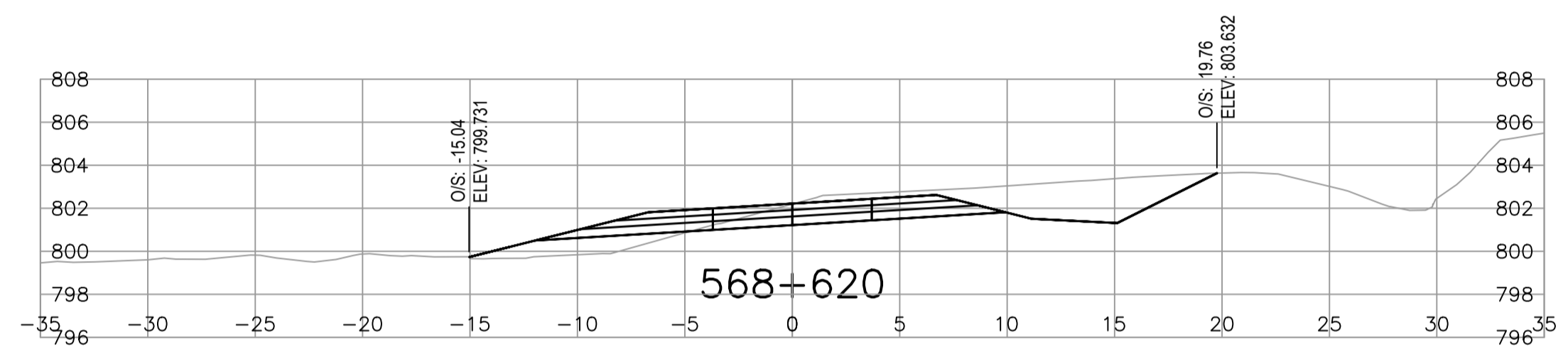
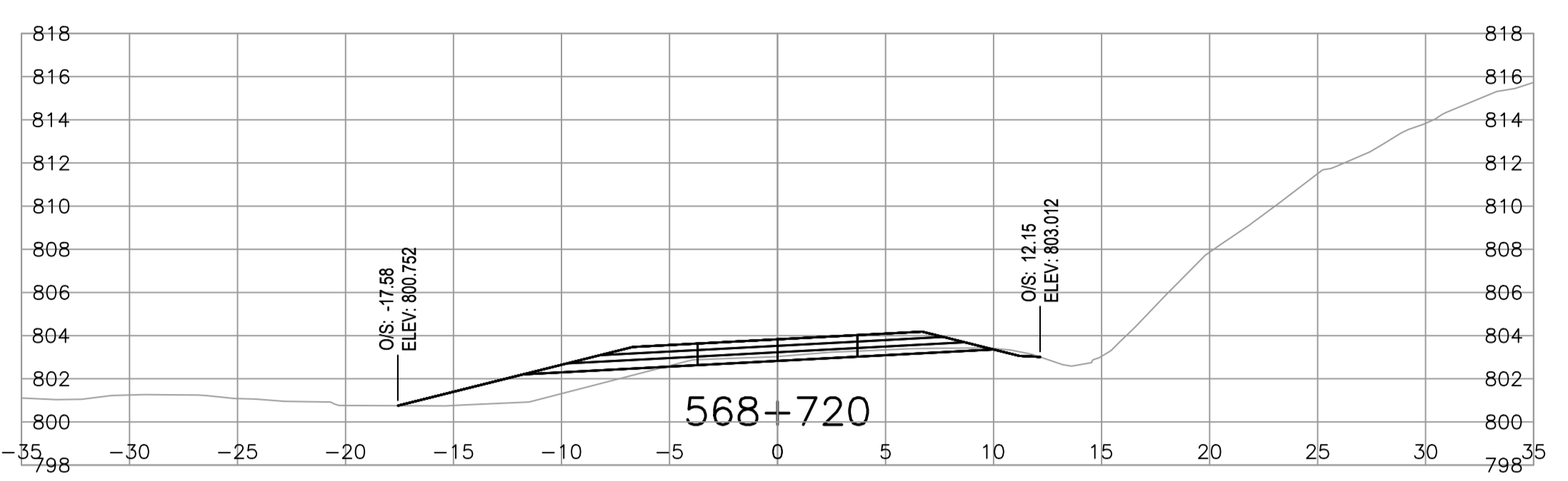
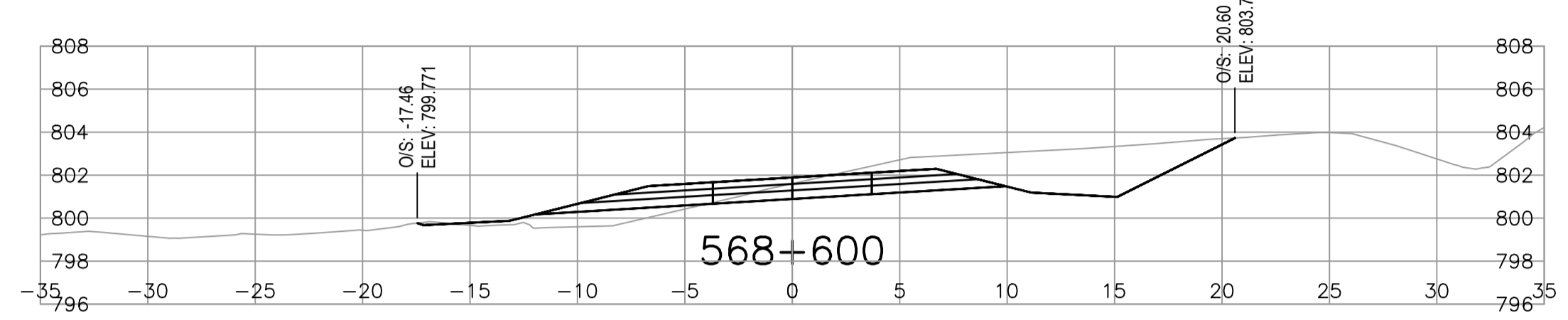
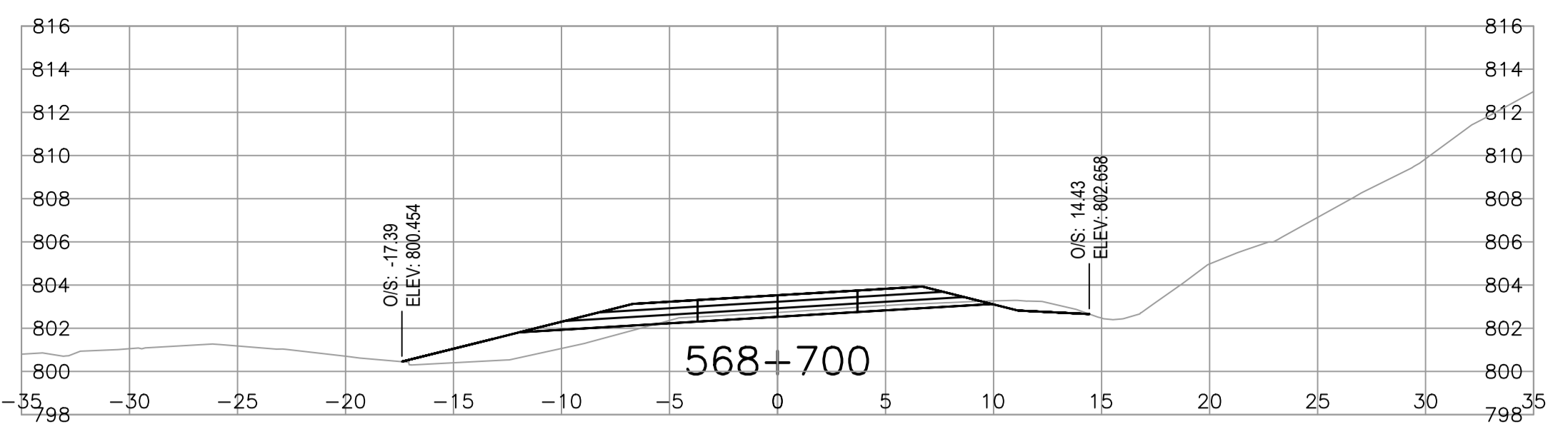
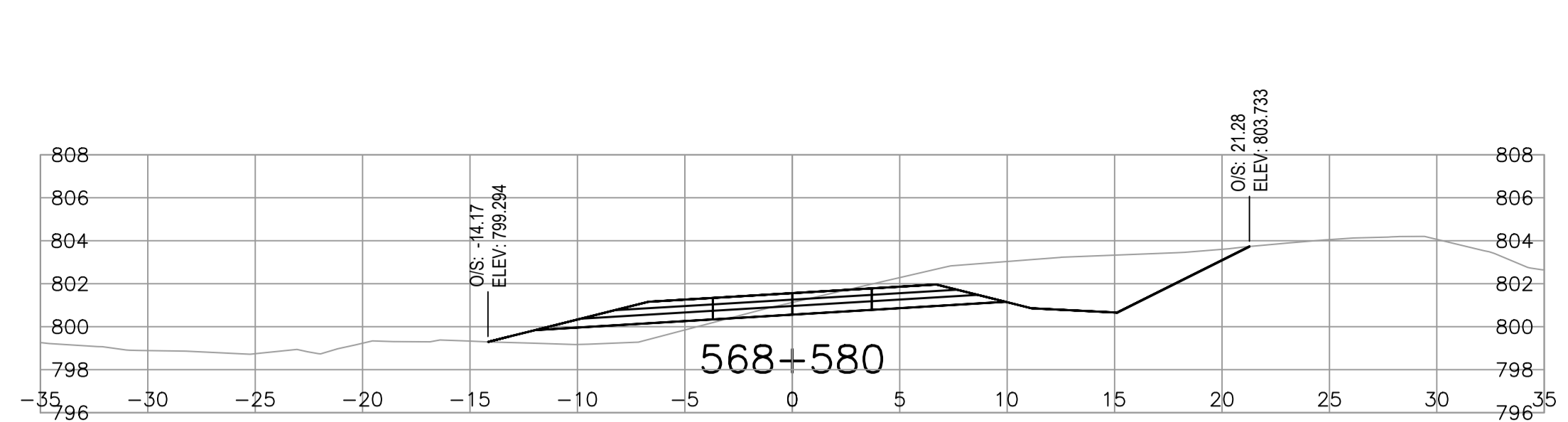


Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

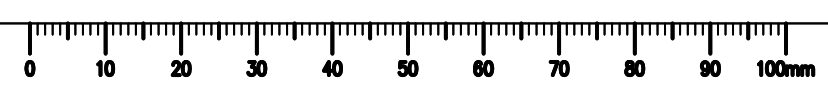
Approved by/Approuvé par
S. LI
Designed by/Concepté par
E. YANG / M. KELEHER
Drawn by/Dessiné par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG
Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin

**HIGHWAY CROSS SECTIONS:
STA. 568+580 TO STA. 568+800**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C407	0

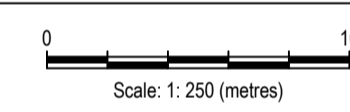
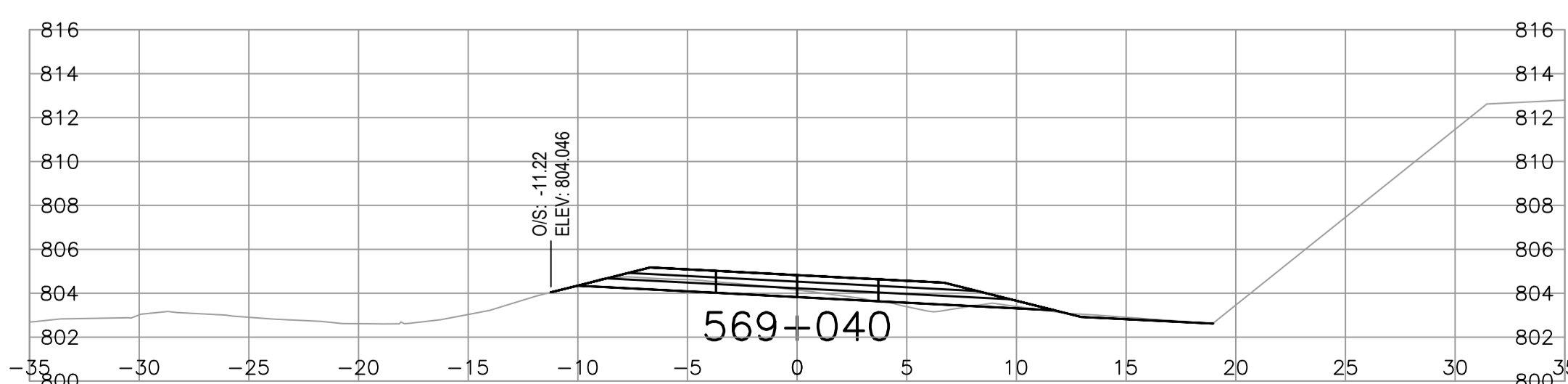
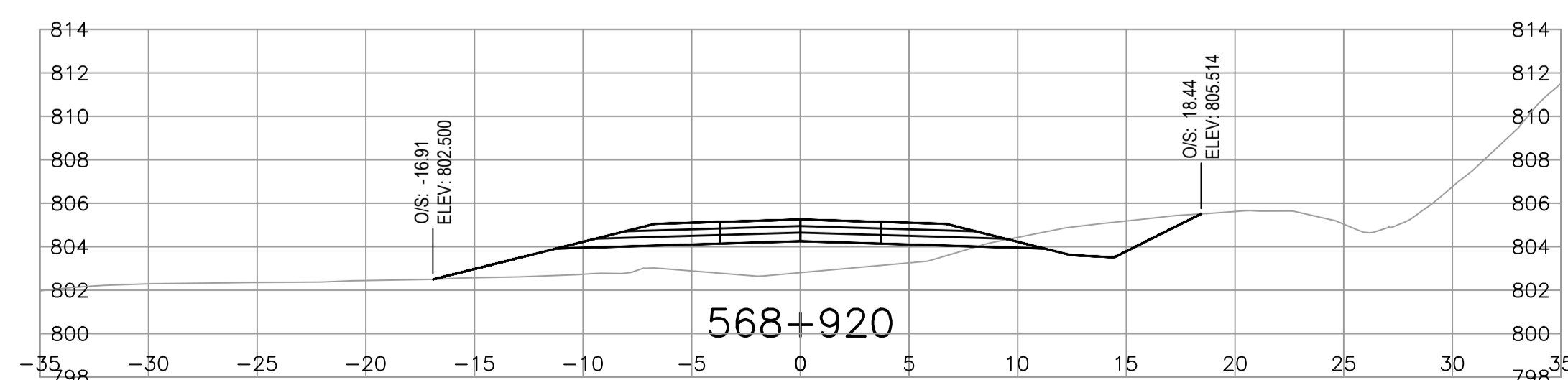
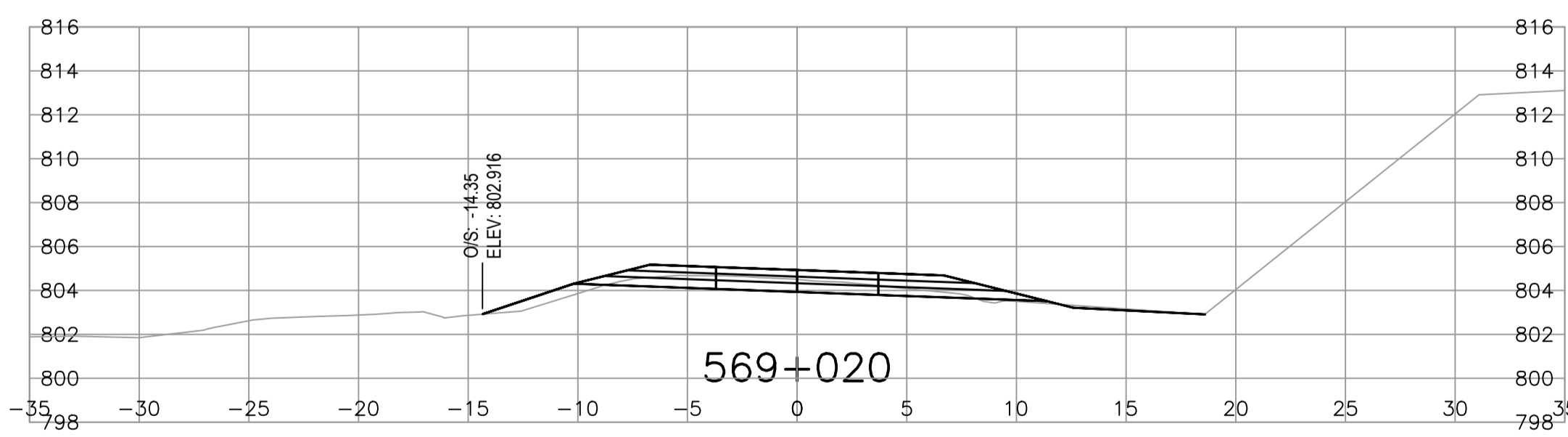
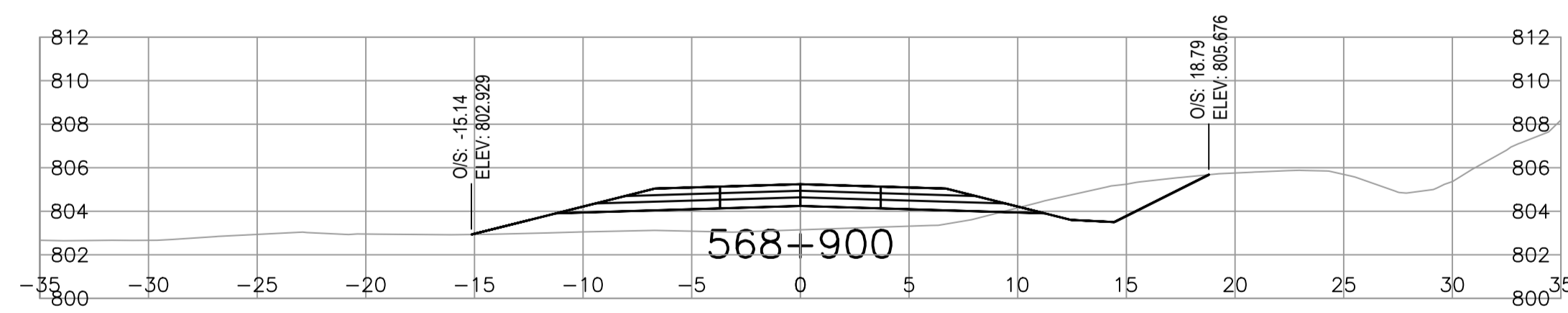
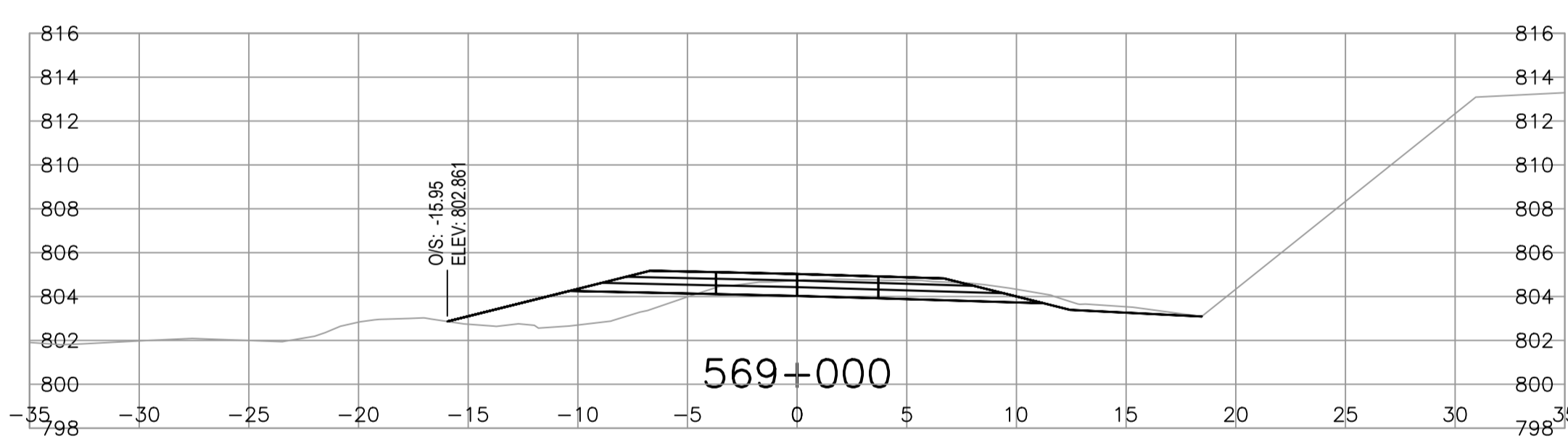
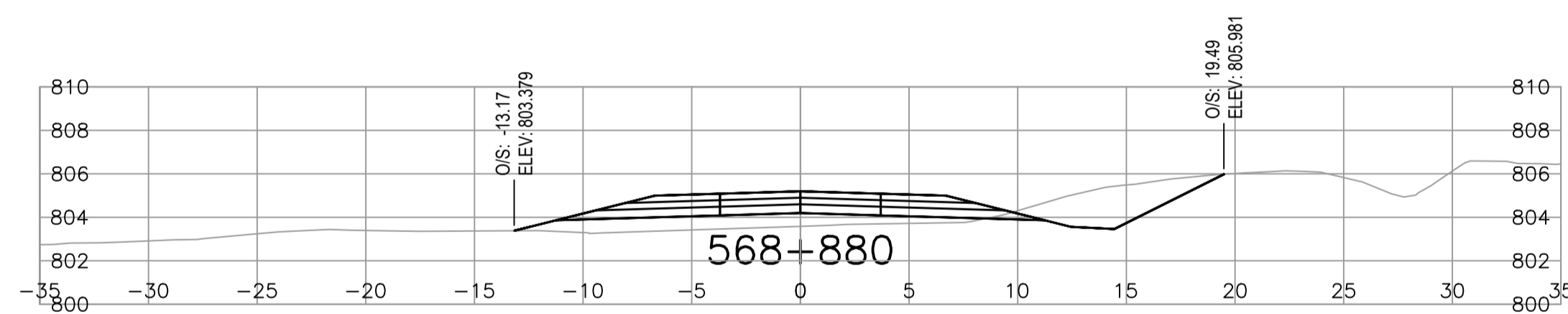
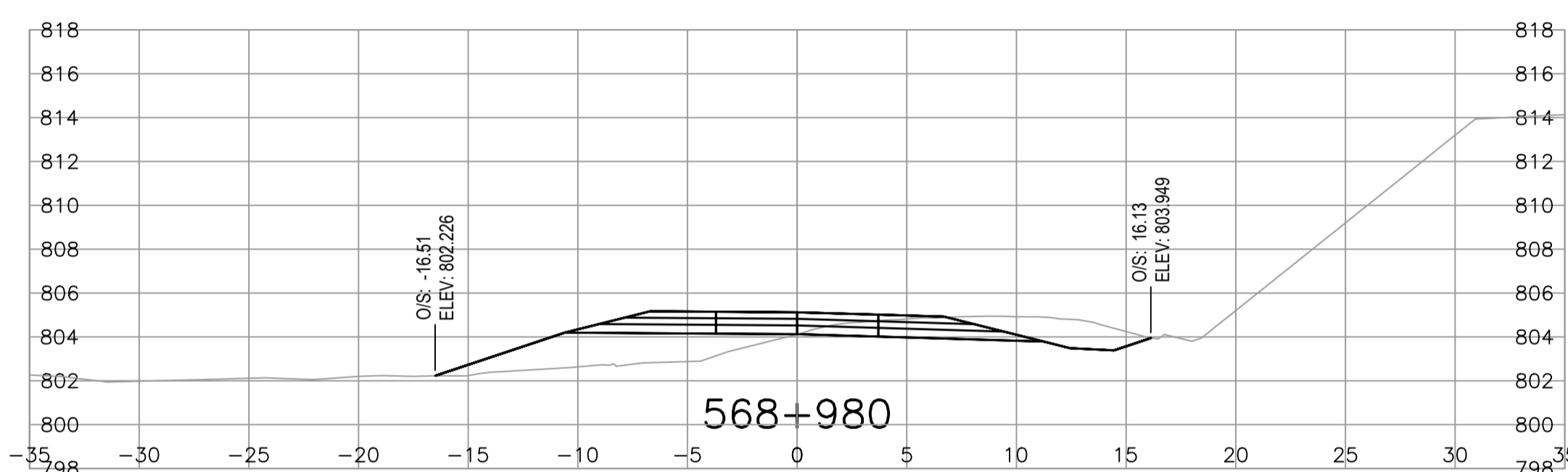
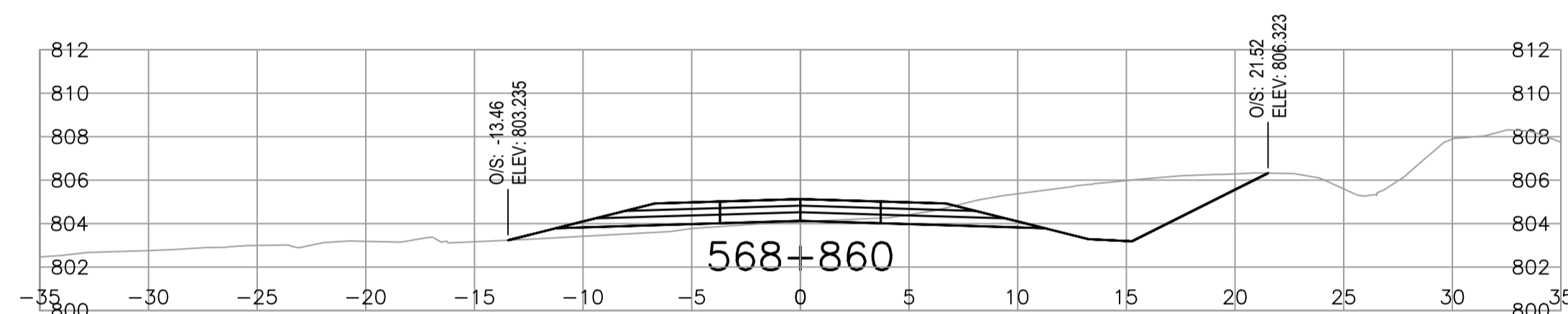
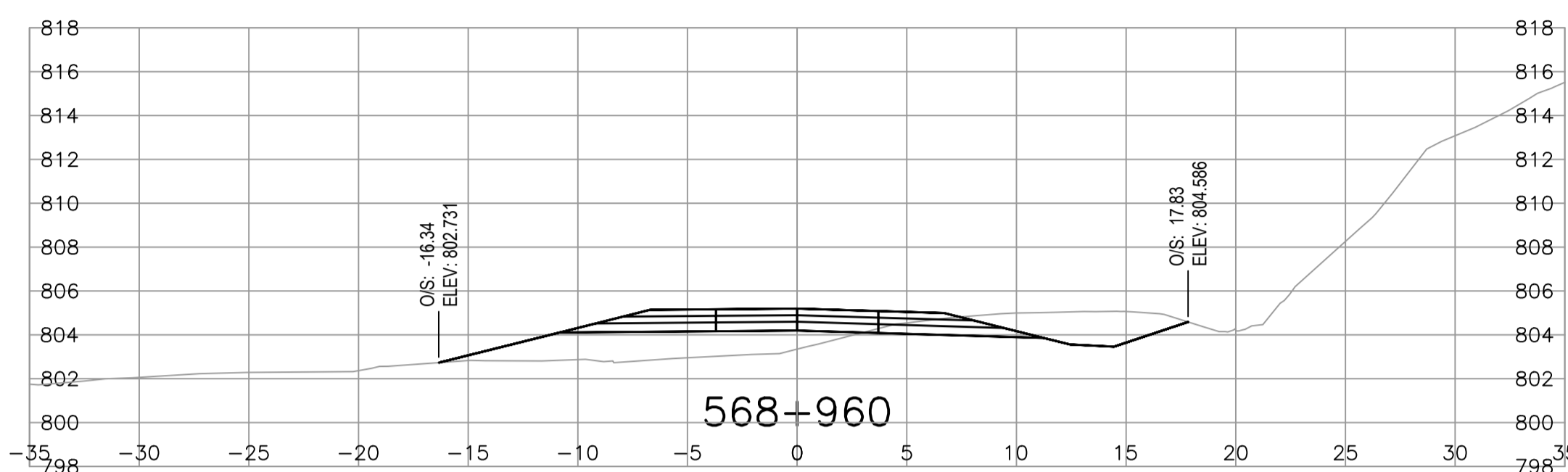
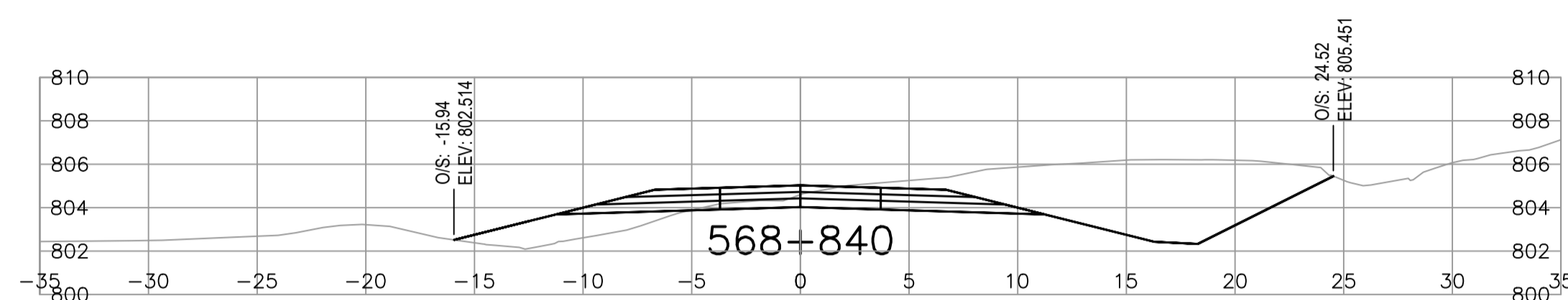
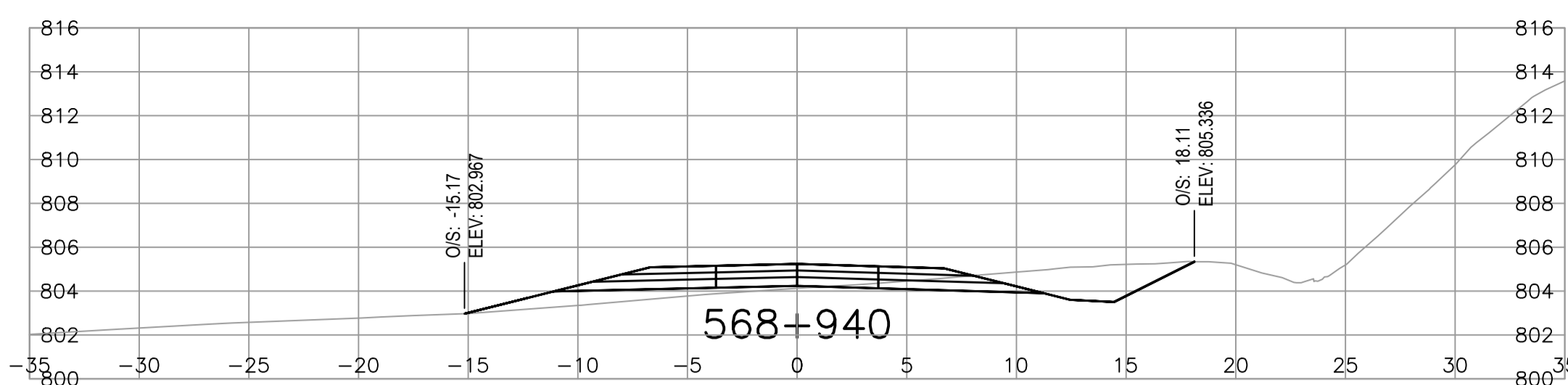
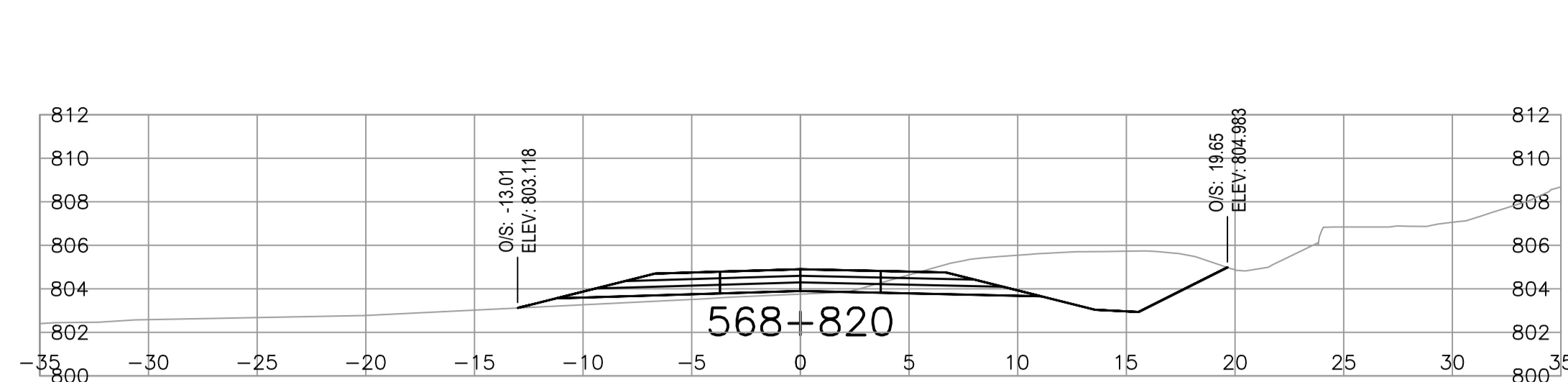


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ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
S. LI

Designed by/Concepté par
E. YANG / M. KELEHER

Drawn by/Dessiné par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

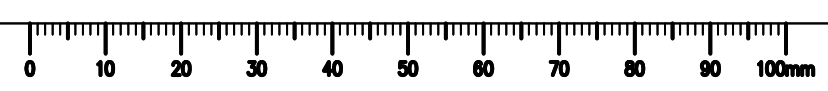
PWGC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**HIGHWAY CROSS SECTIONS:
STA. 568+820 TO STA. 569+040**

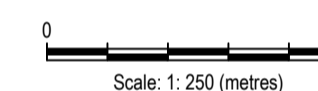
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C408	0

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ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada

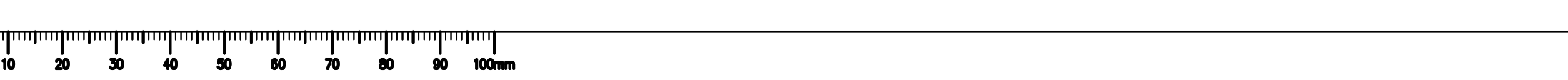
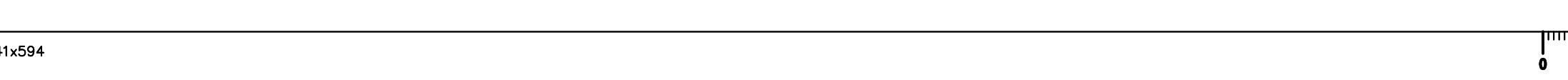
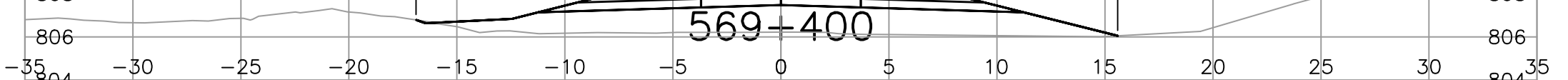
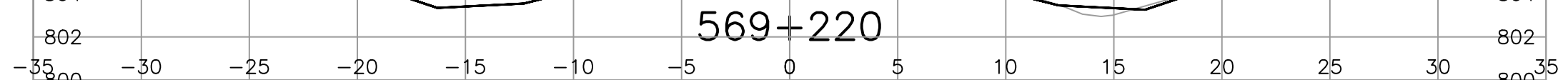
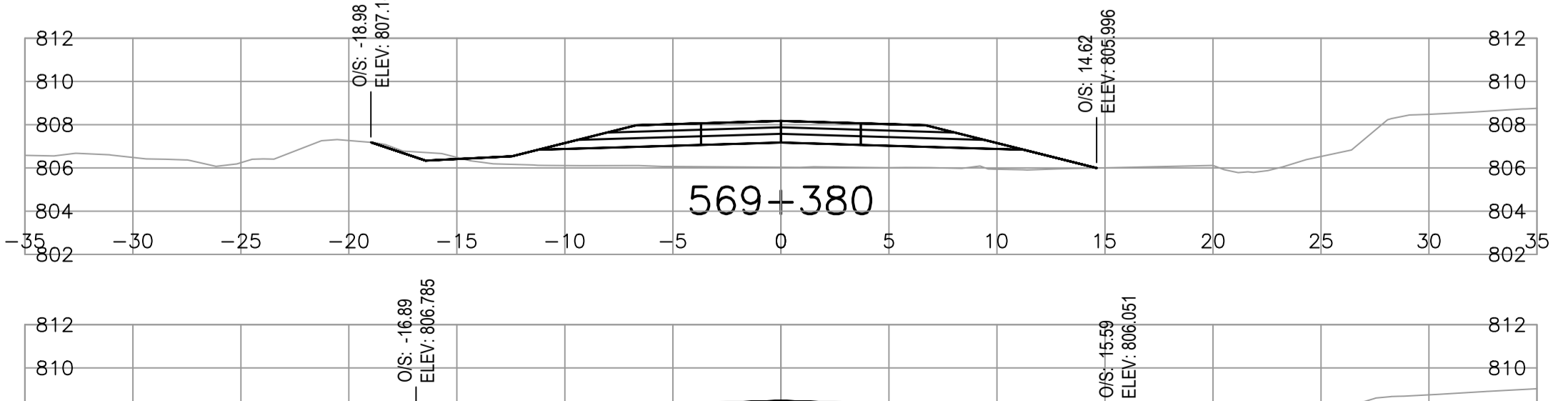
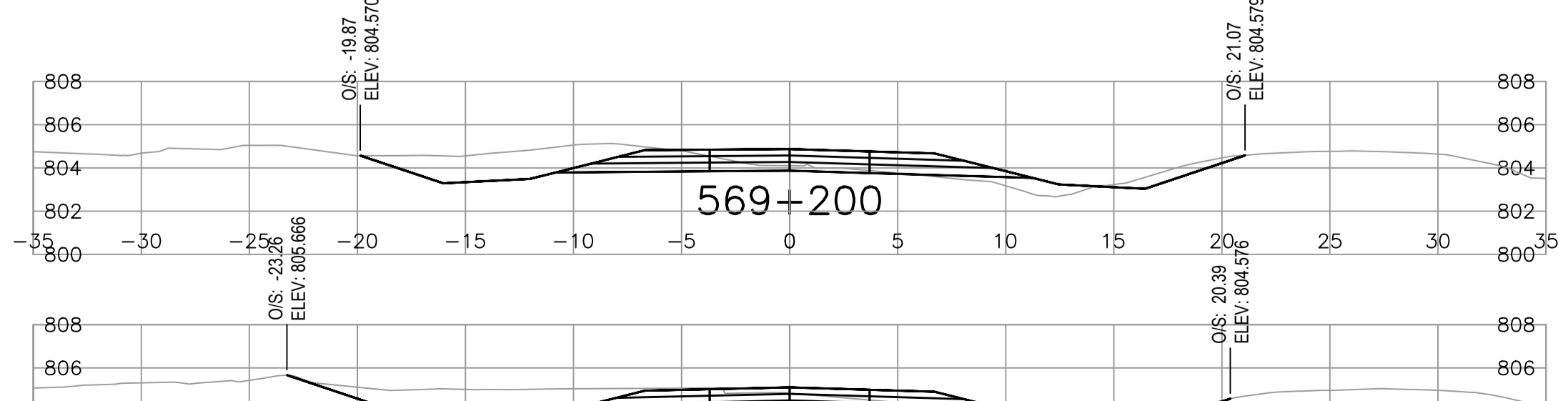
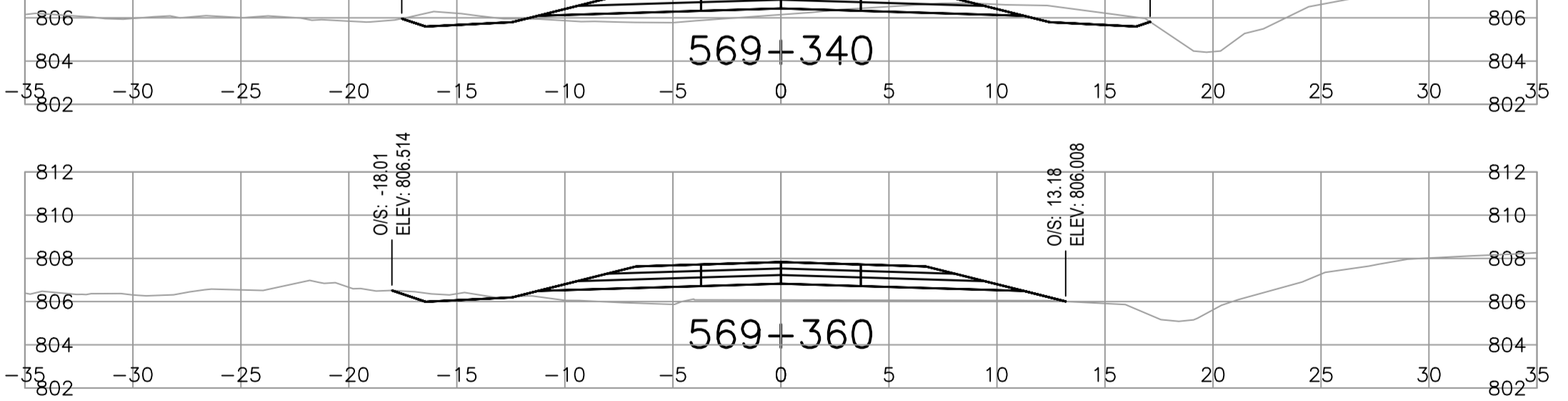
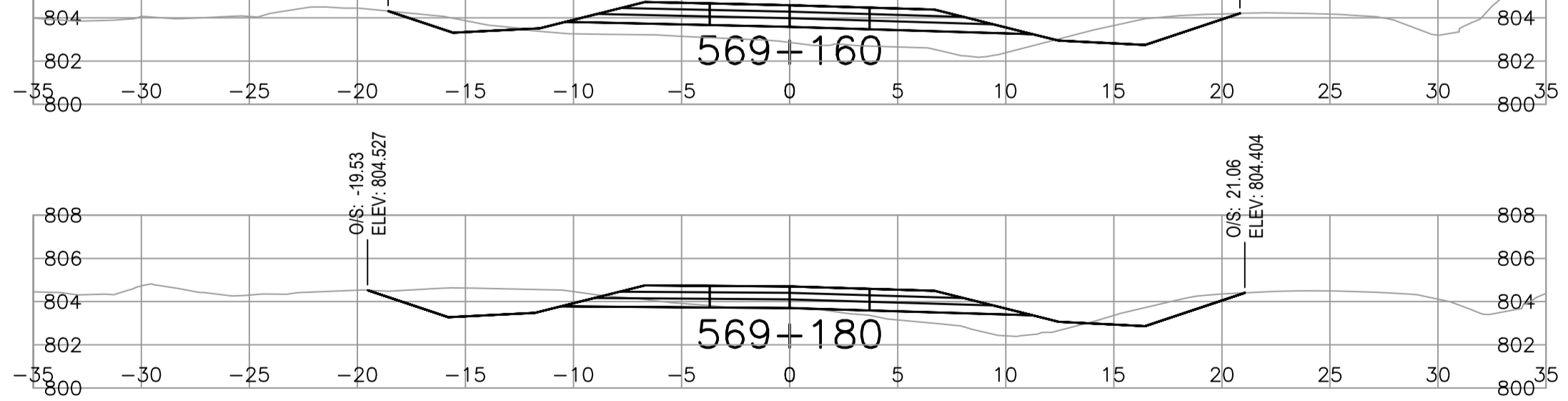
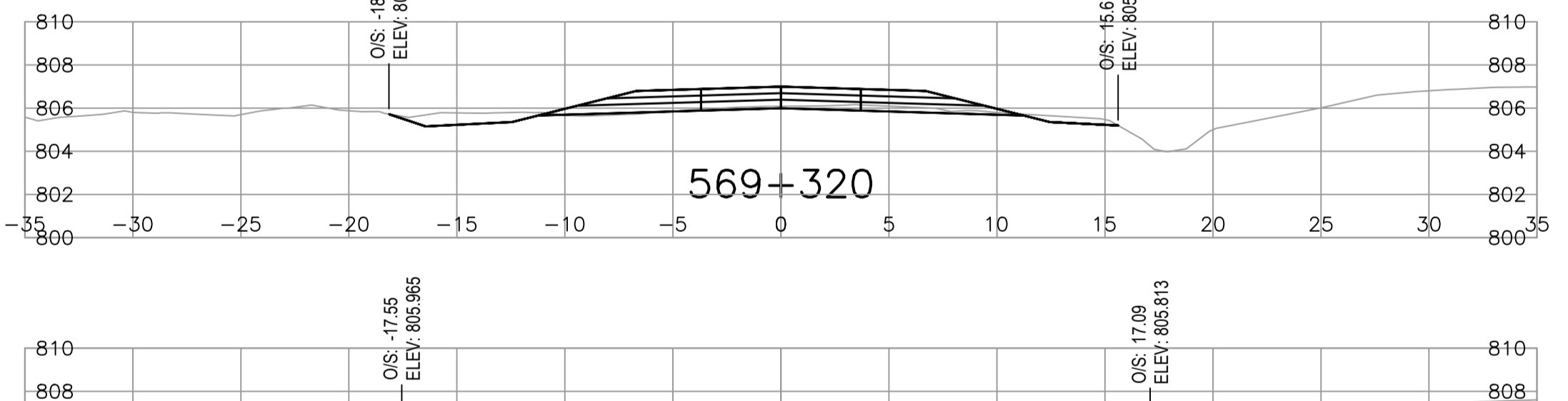
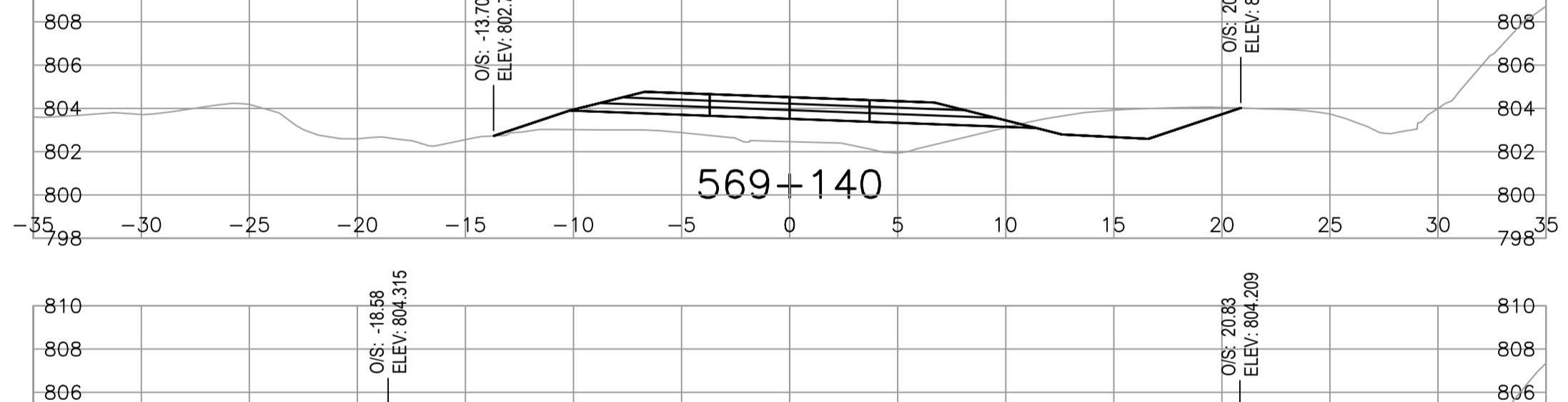
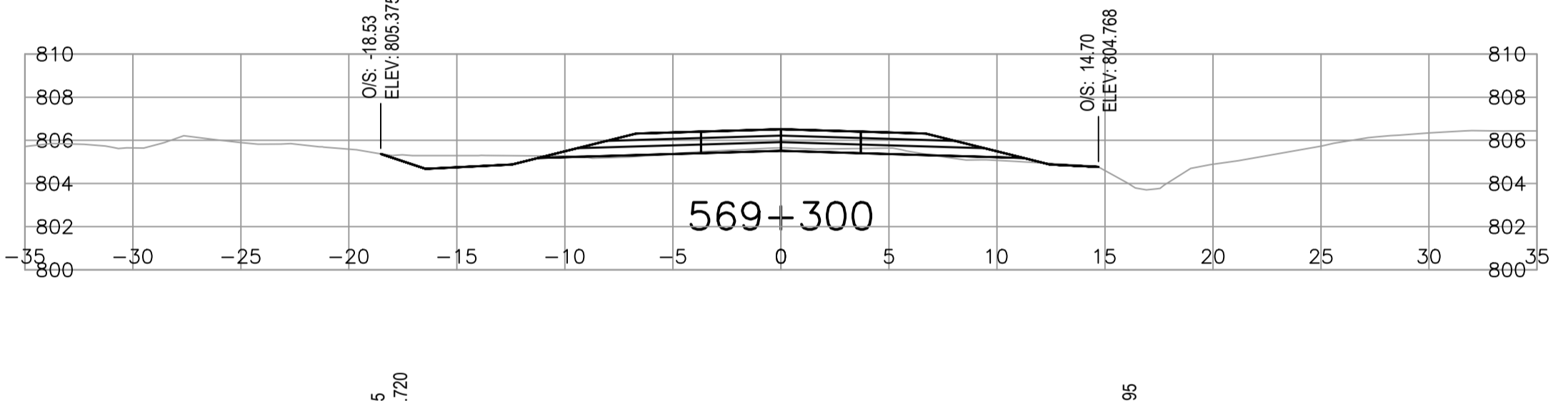
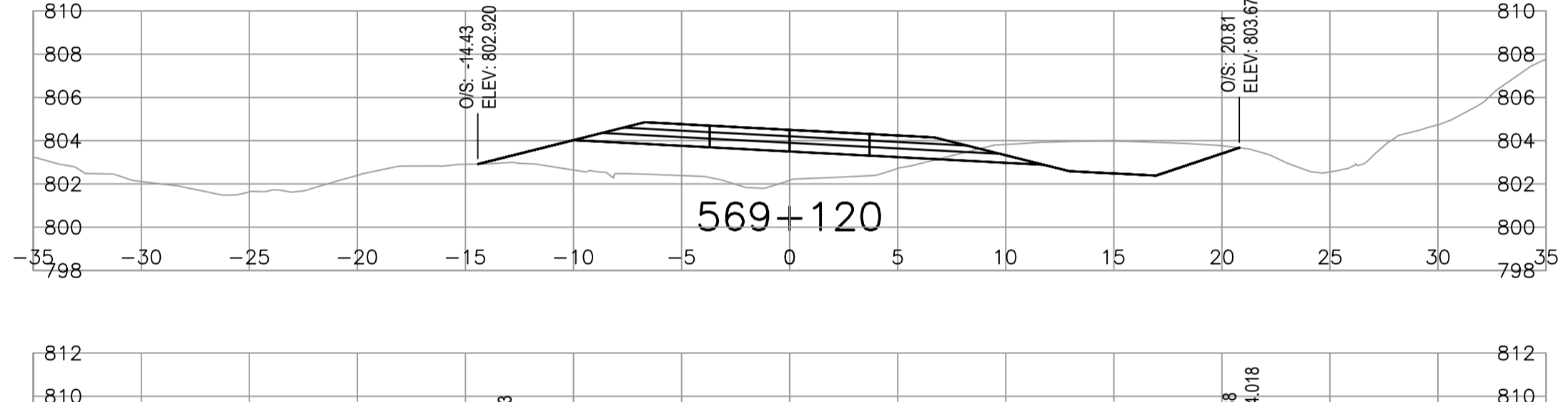
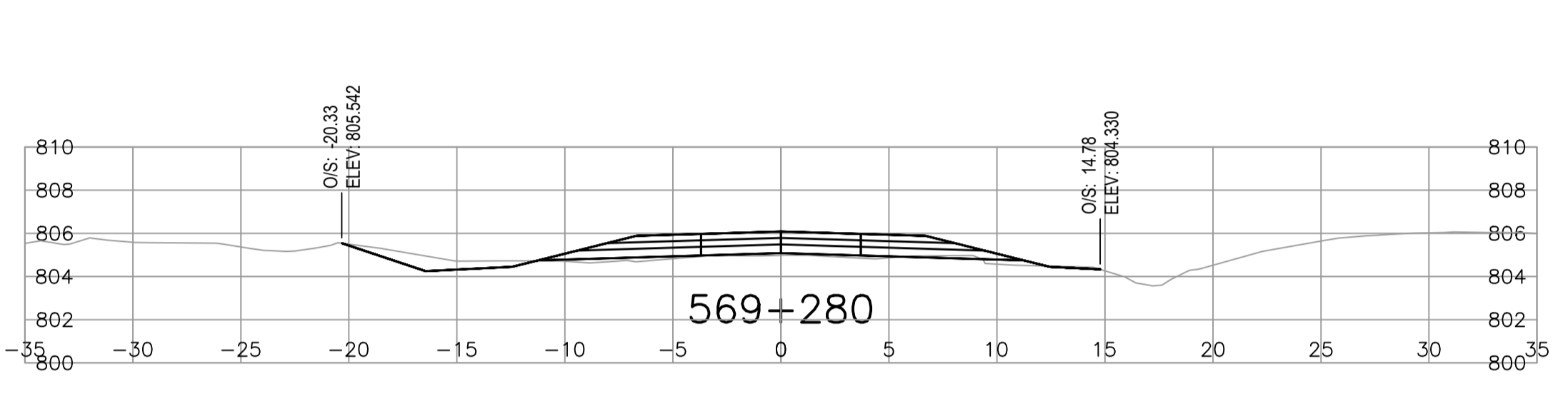
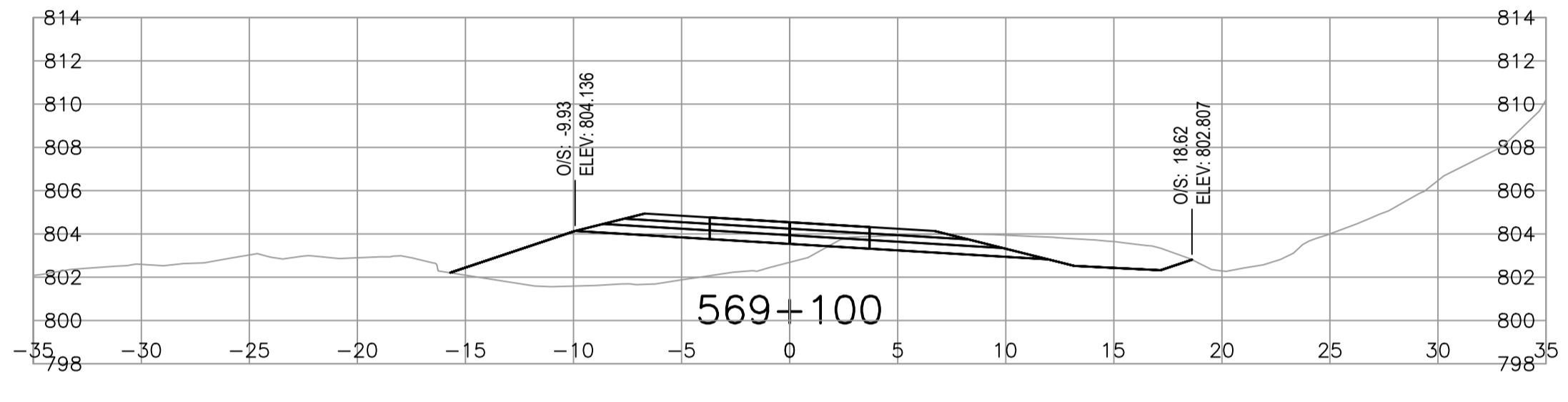
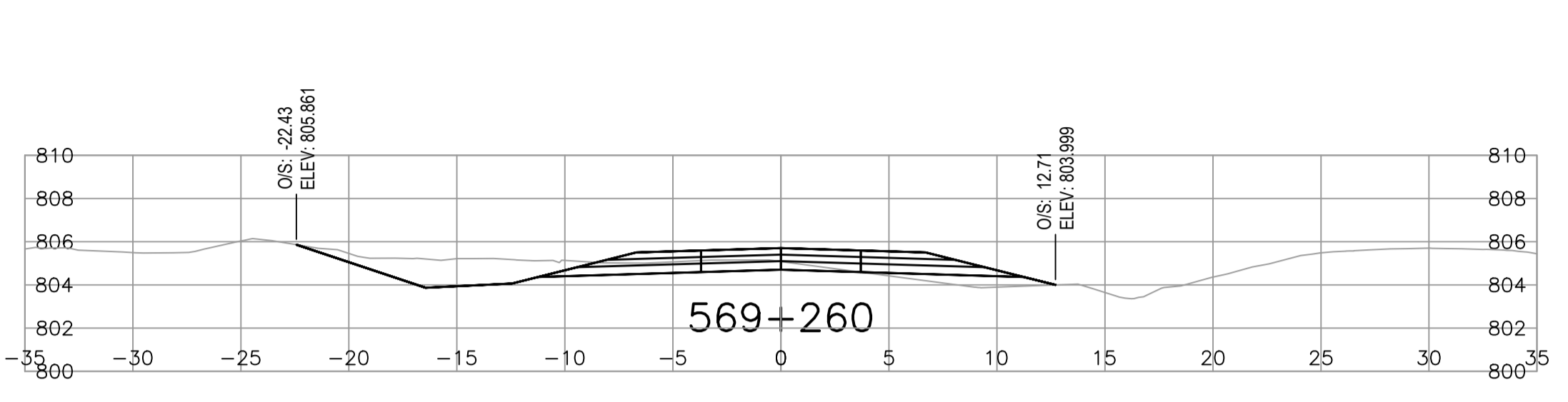
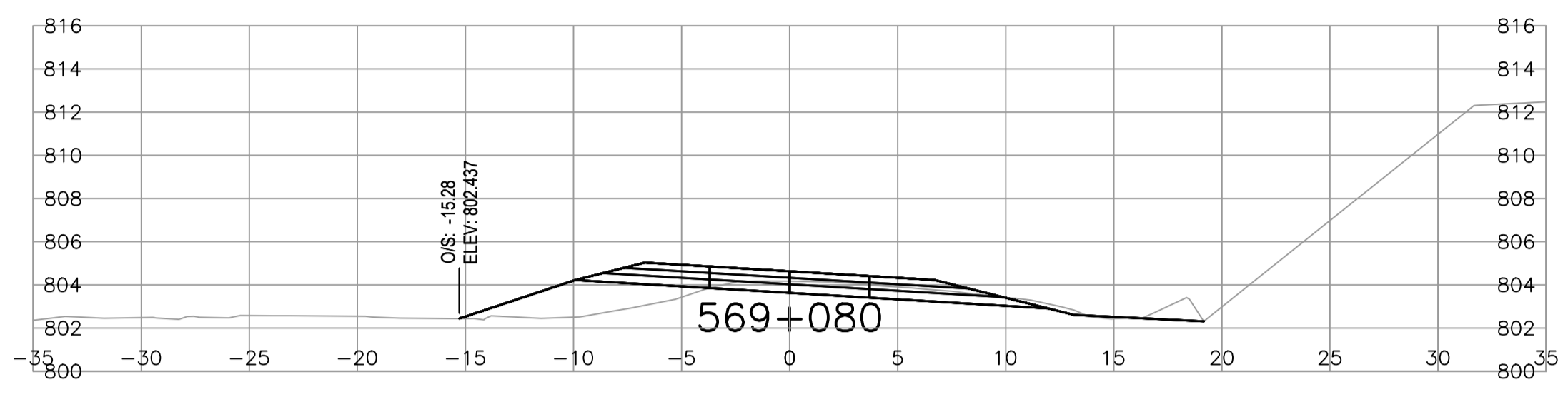
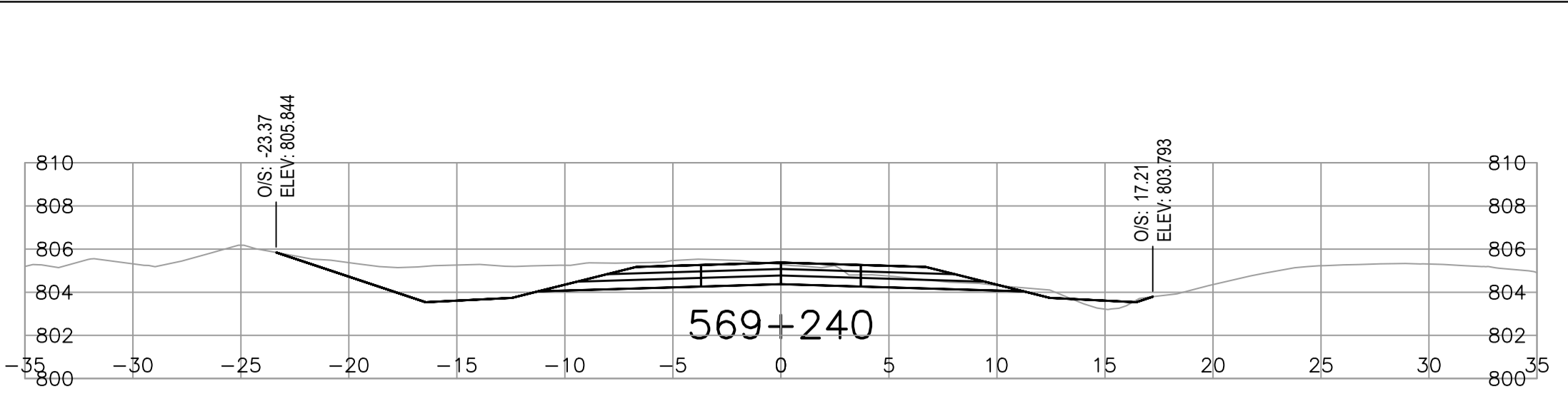
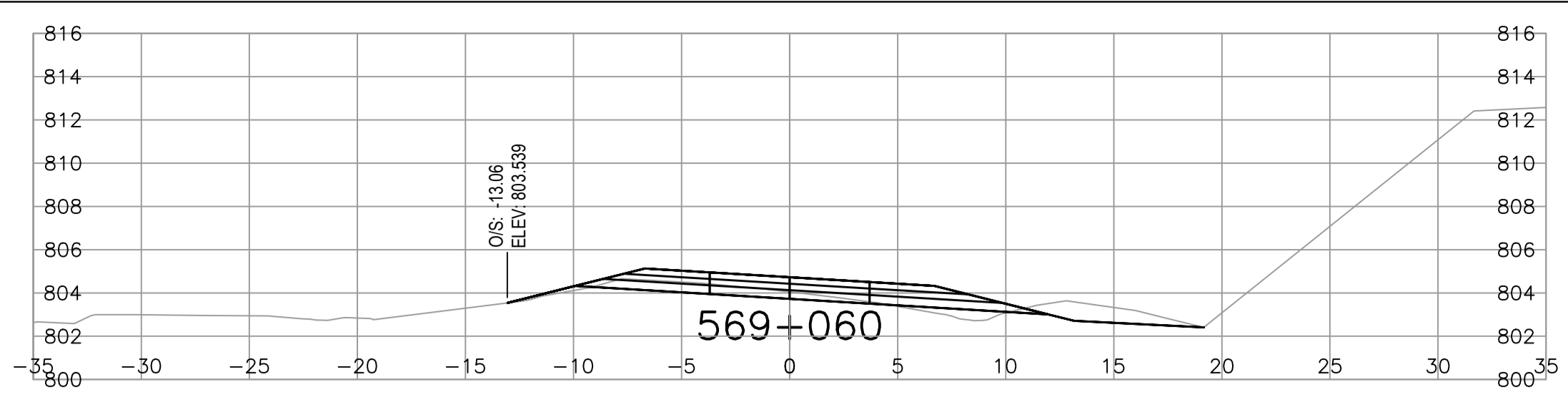


Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

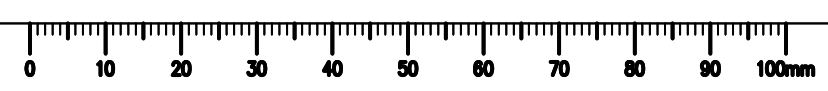
Approved by/Approuvé par
S. LI
Designed by/Concepté par
E. YANG / M. KELEHER
Drawn by/Dessiné par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG
Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin

**HIGHWAY CROSS SECTIONS:
STA. 569+060 TO STA. 569+400**

Project No./No. du projet R.112220.002	Sheet/Feuille C409	Revision no./ La Révision no. 0
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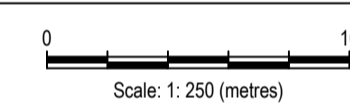
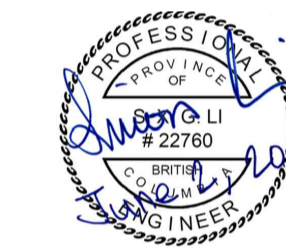
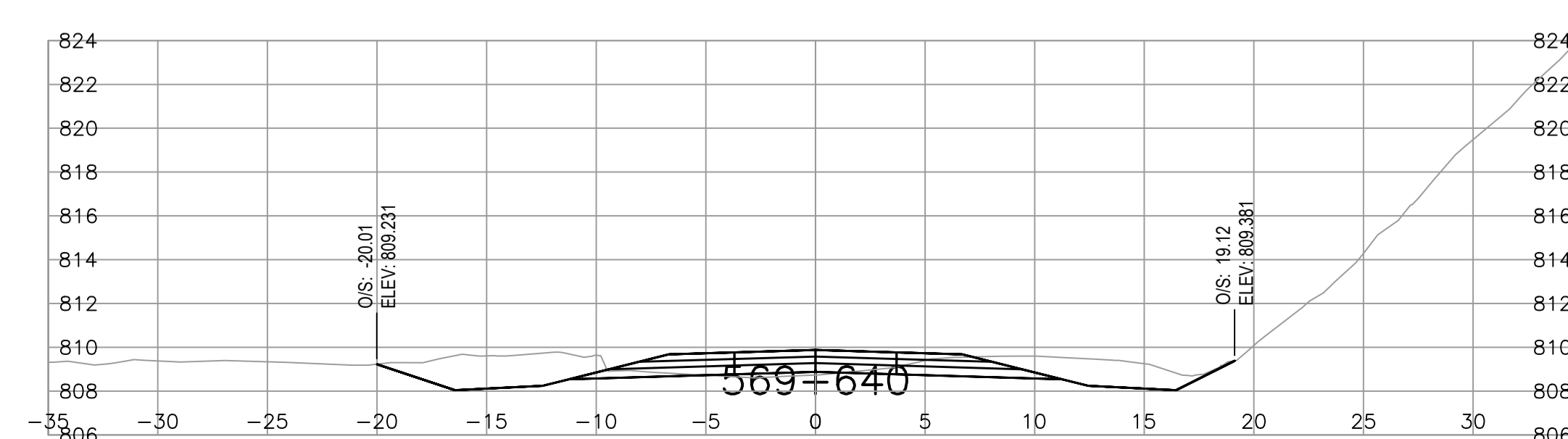
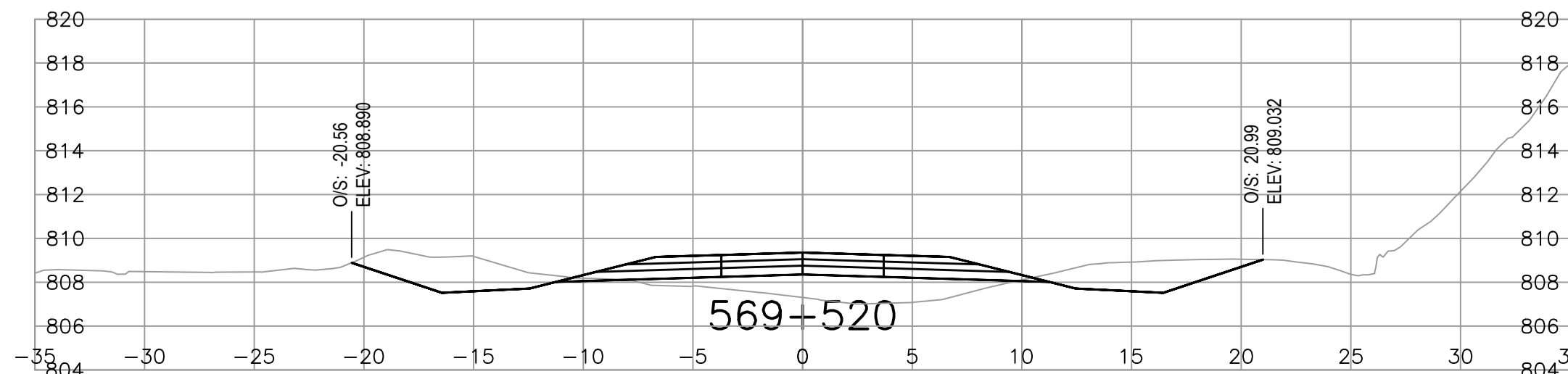
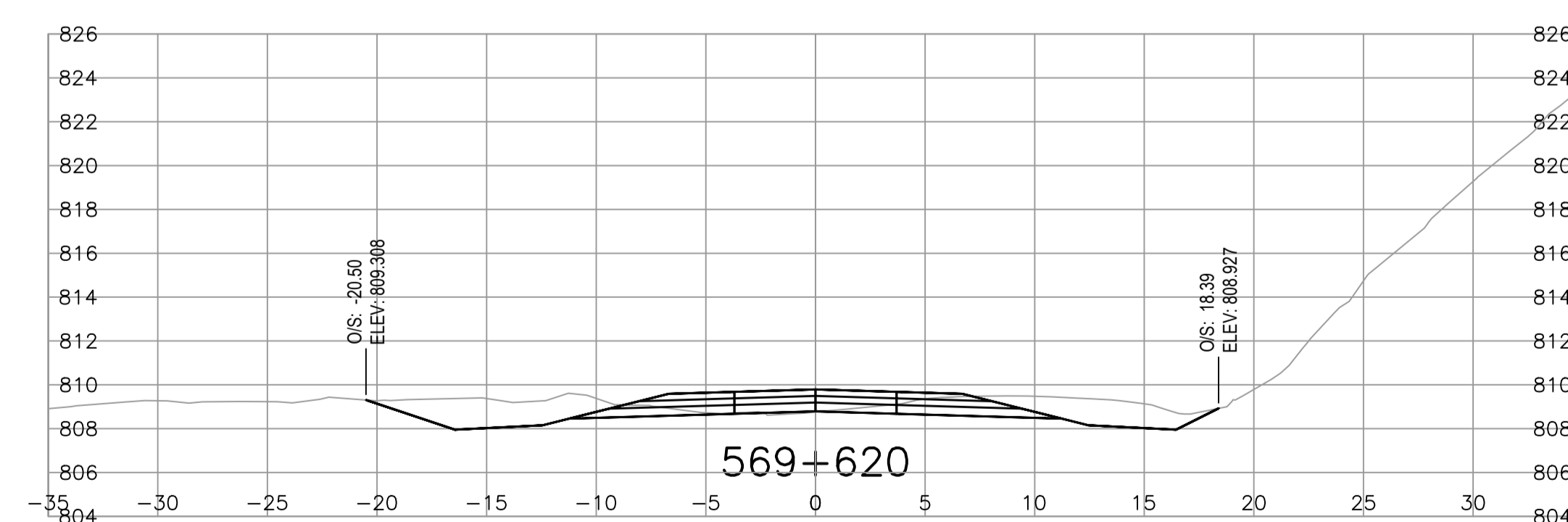
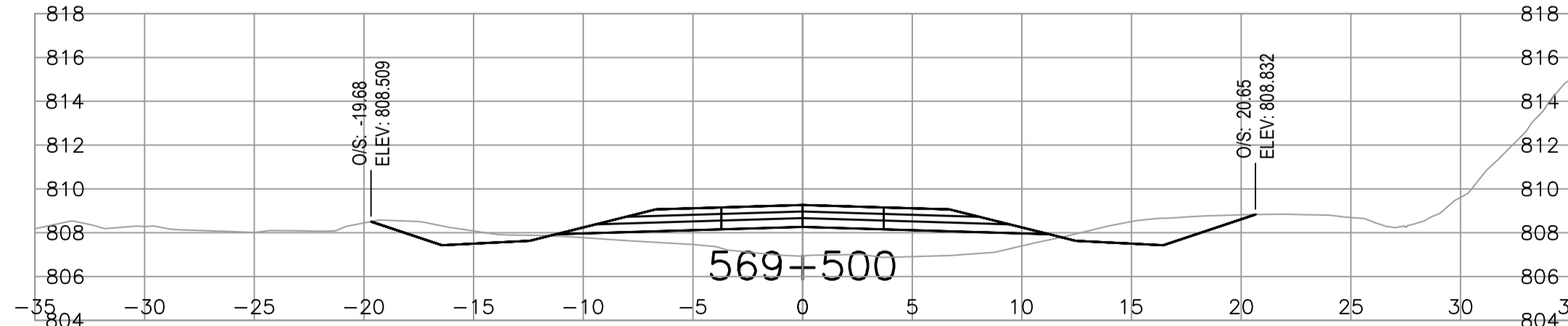
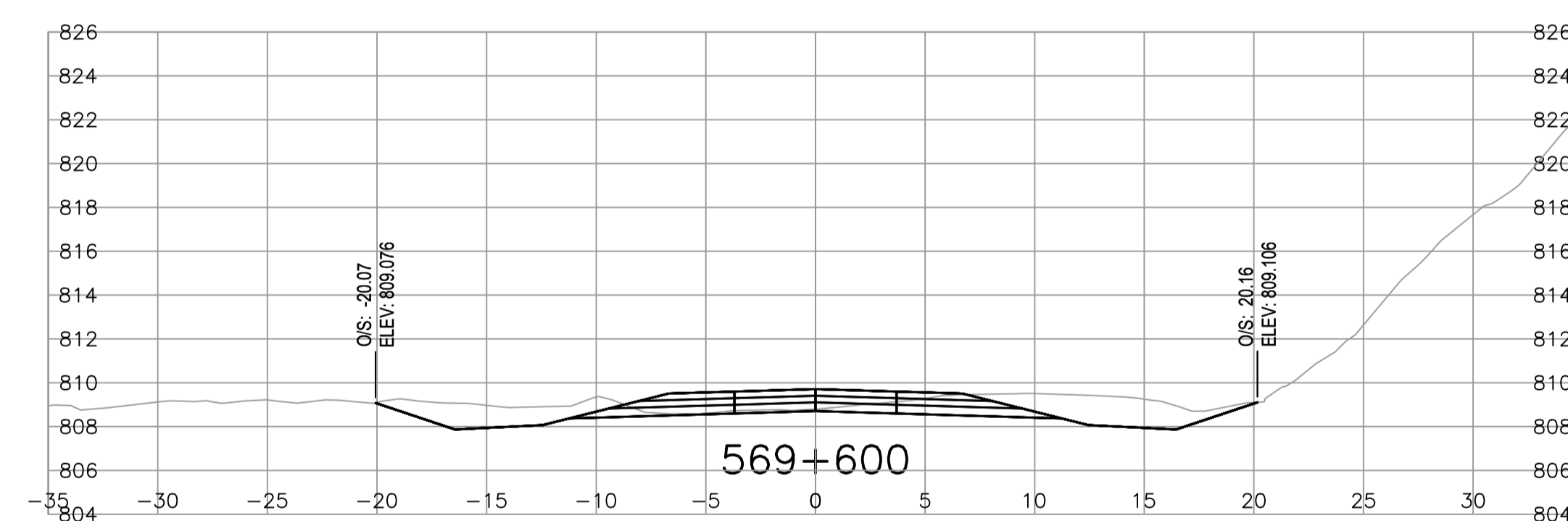
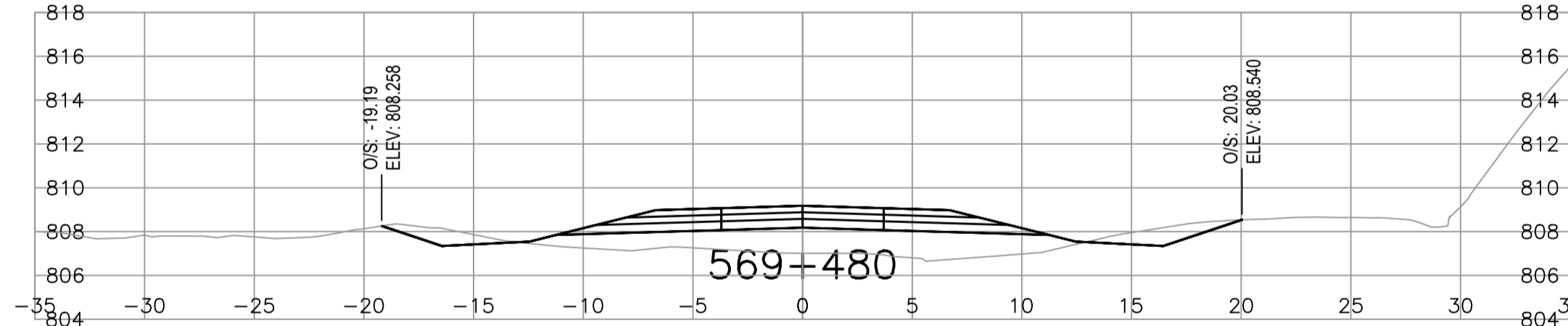
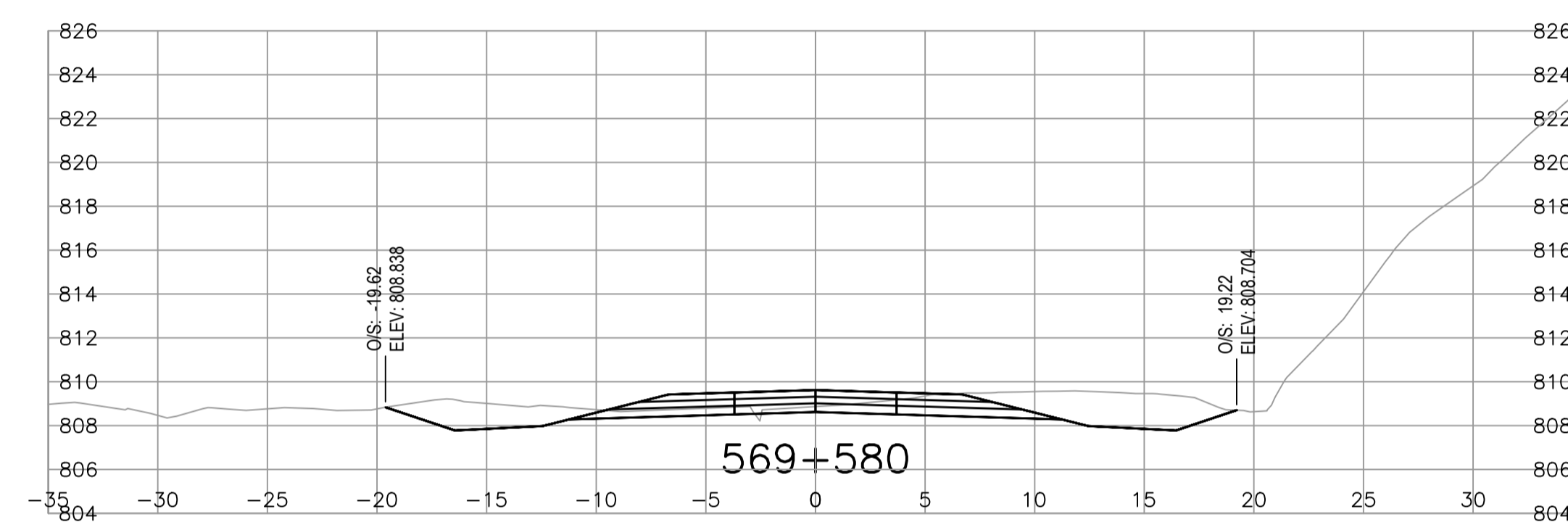
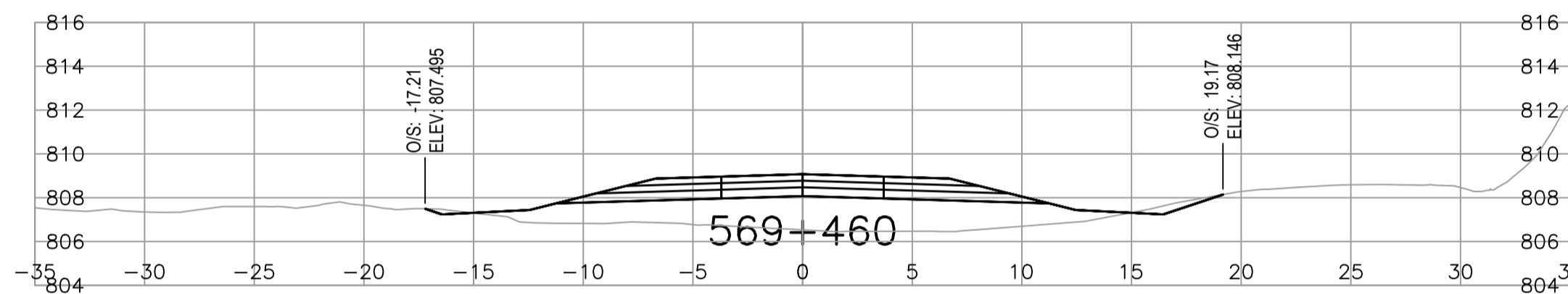
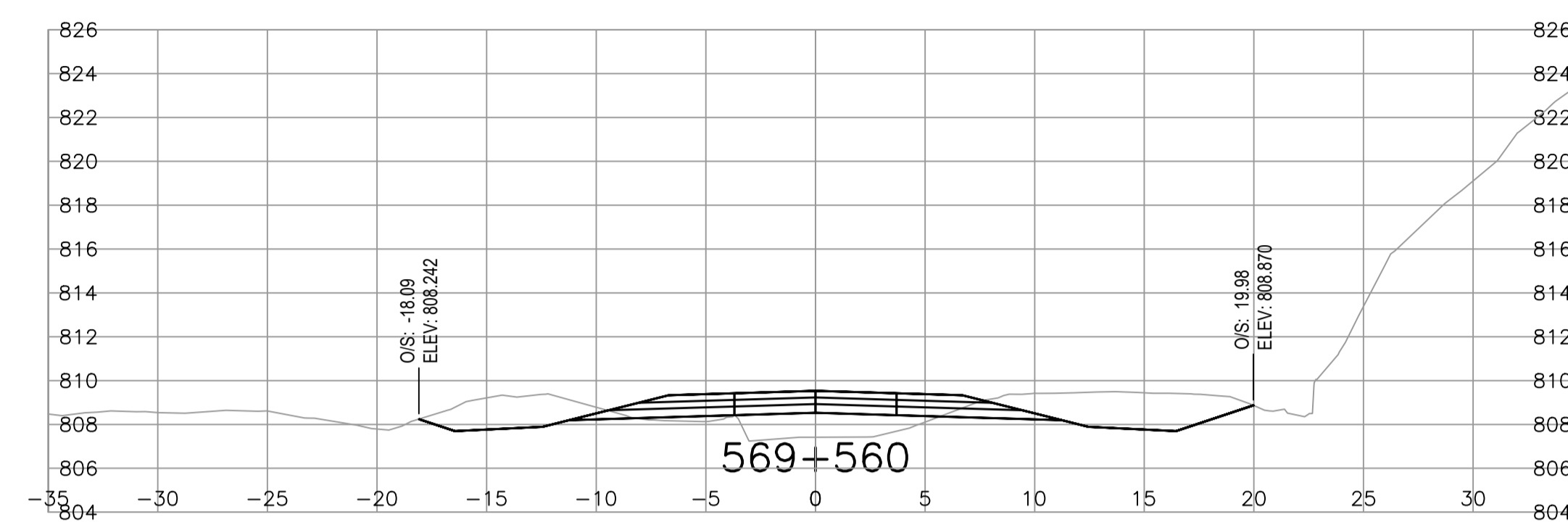
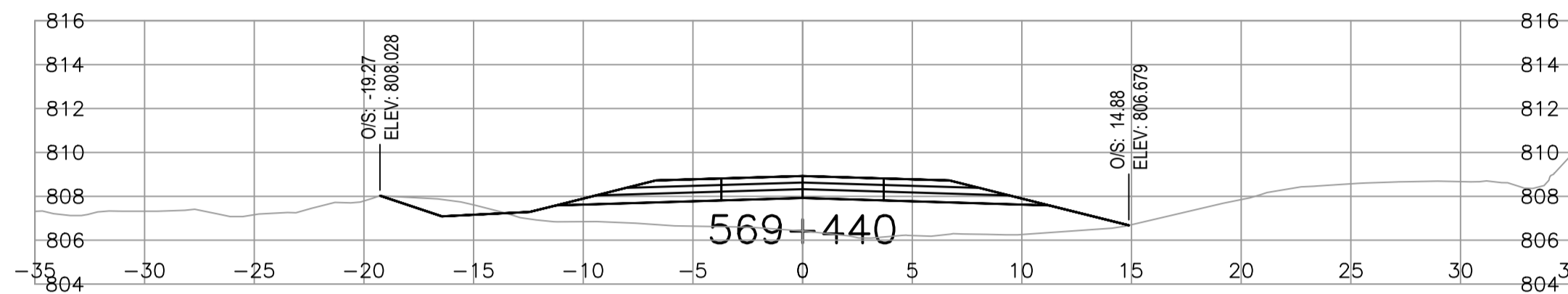
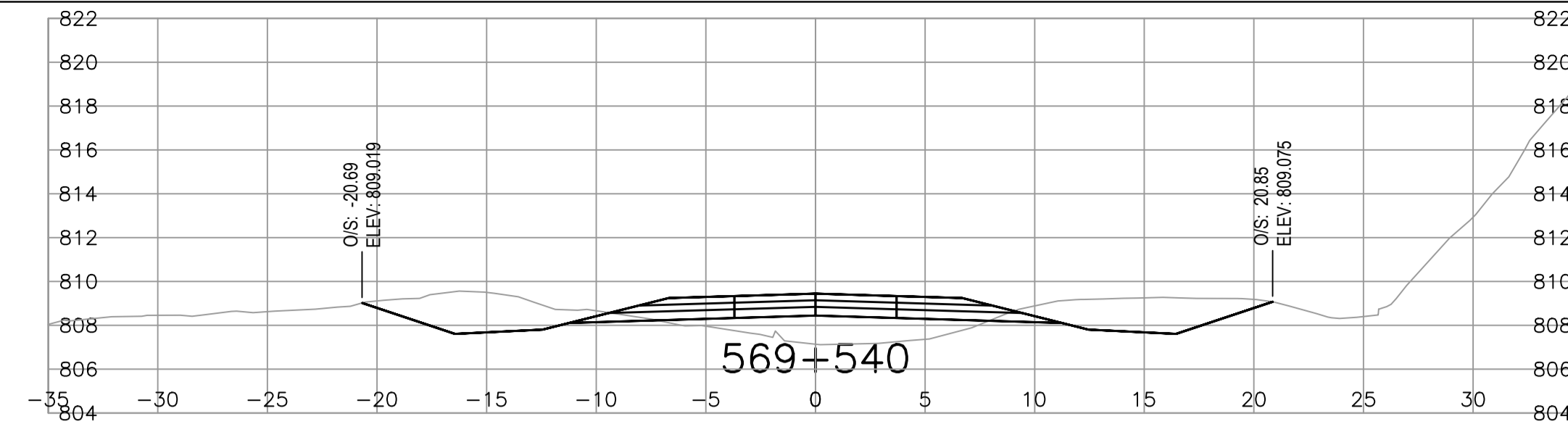
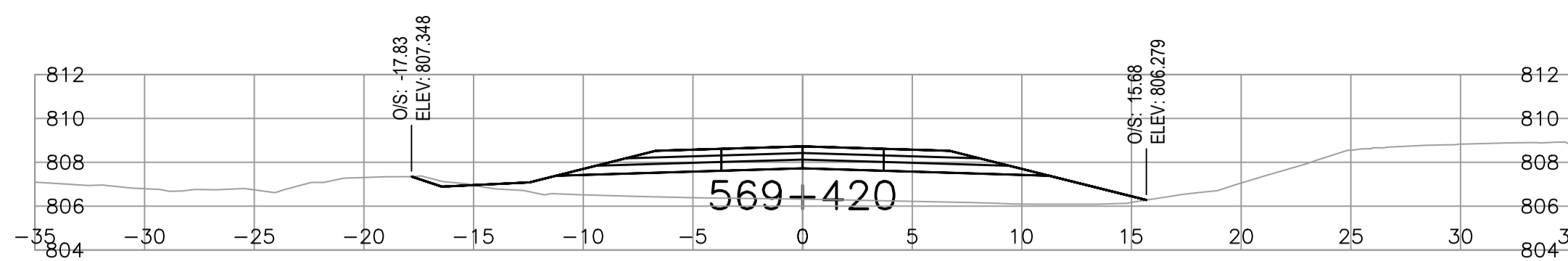


\\tlocal\saal\Legacy\ancouver\Transportation\TRN\VHWY03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C401-C413 HIGHWAY CROSS SECTIONS.dwg [C409] June 02, 2021 - 12:13:01 pm (By: LEO BRANDON)



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client: **Public Services and Procurement Canada**



Project title/Titre du projet:
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

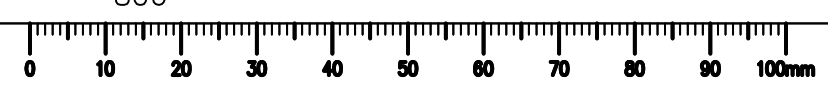
Approved by/Approuvé par: **S. LI**
Designed by/Concepté par: **E. YANG / M. KELEHER**
Drawn by/Dessiné par: **A. DEEPWELL**
PWGSC Project Manager/Administrateur de Projets TPSGC: **A. TAHERI**
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSGC:

Client/client: **Public Services and Procurement Canada**
Drawing title/Titre du dessin:

**HIGHWAY CROSS SECTIONS:
STA. 569+420 TO STA. 569+640**

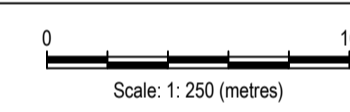
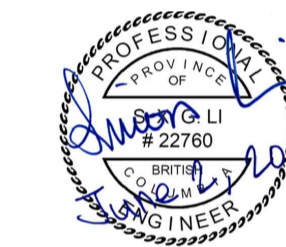
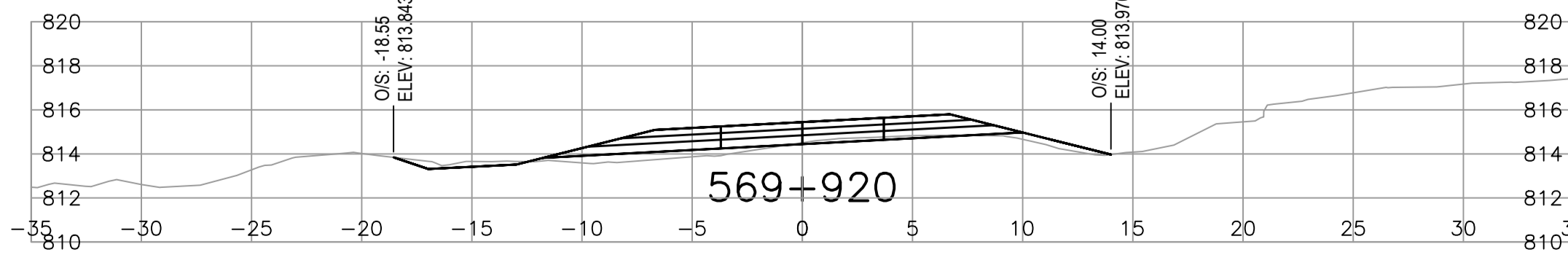
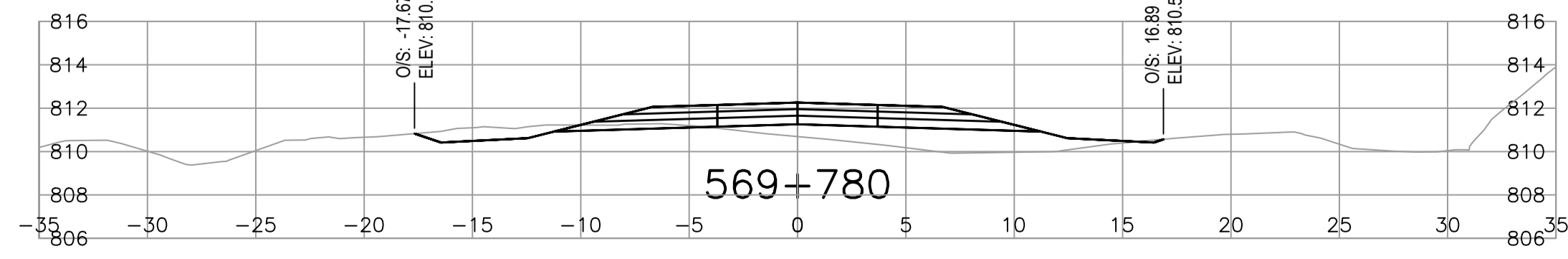
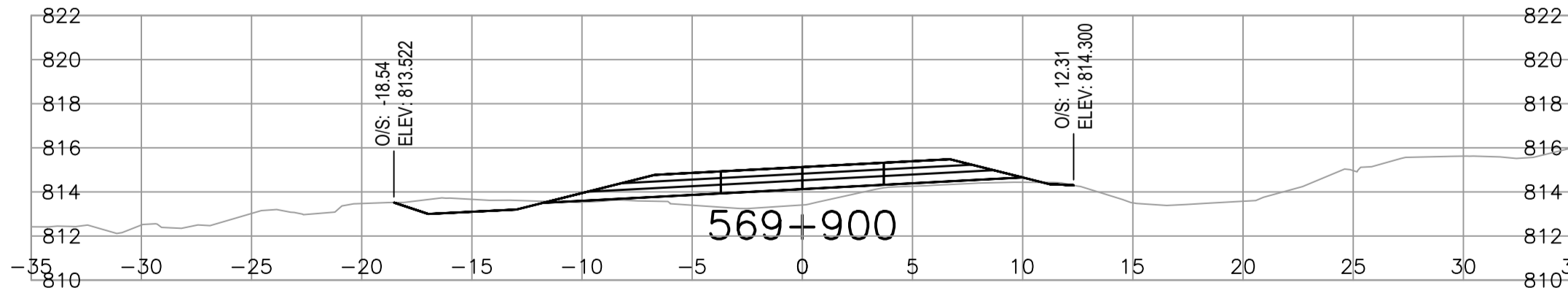
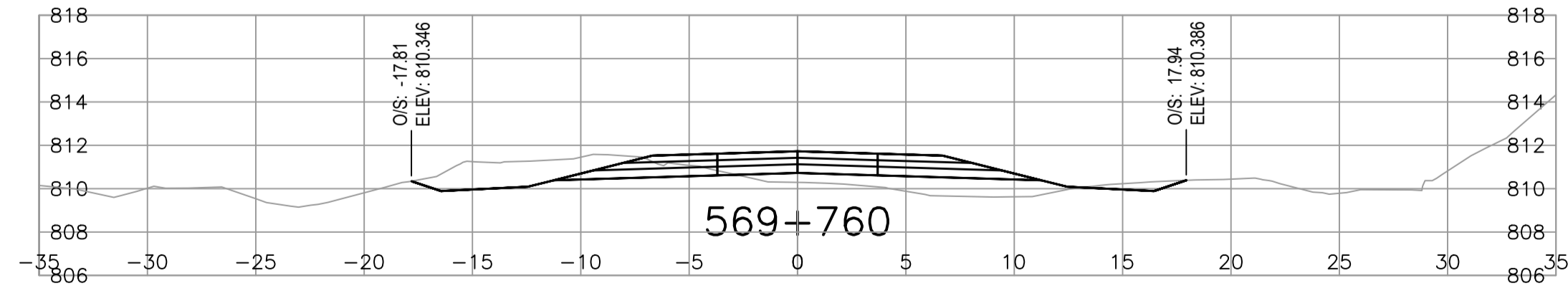
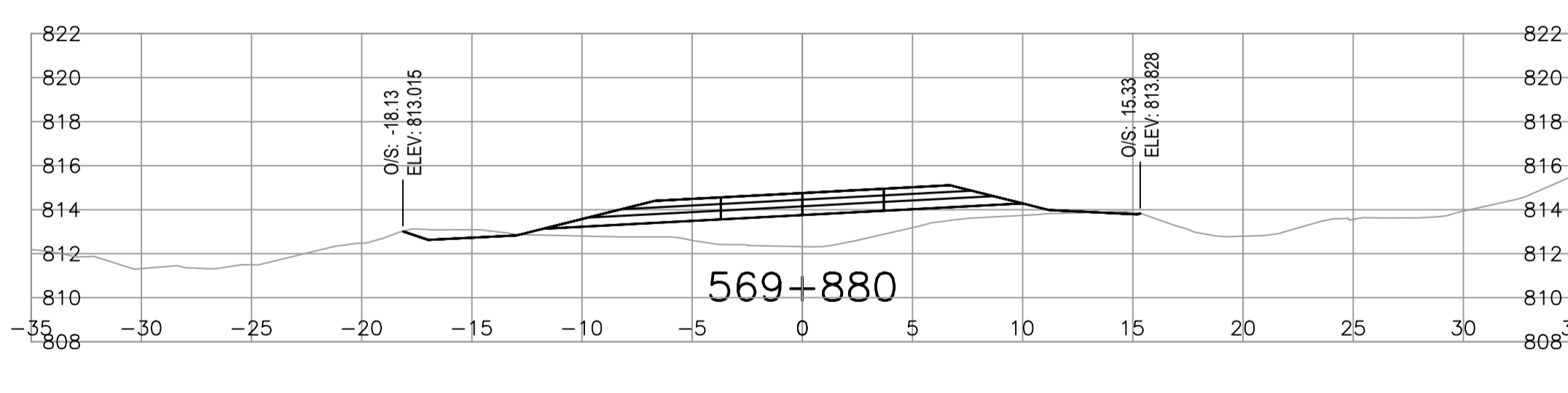
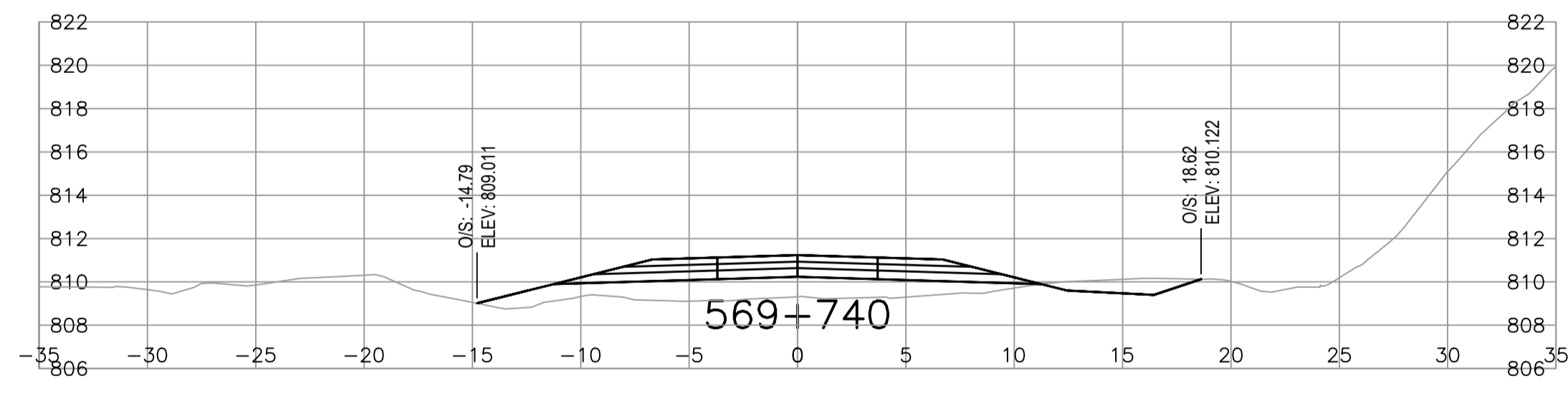
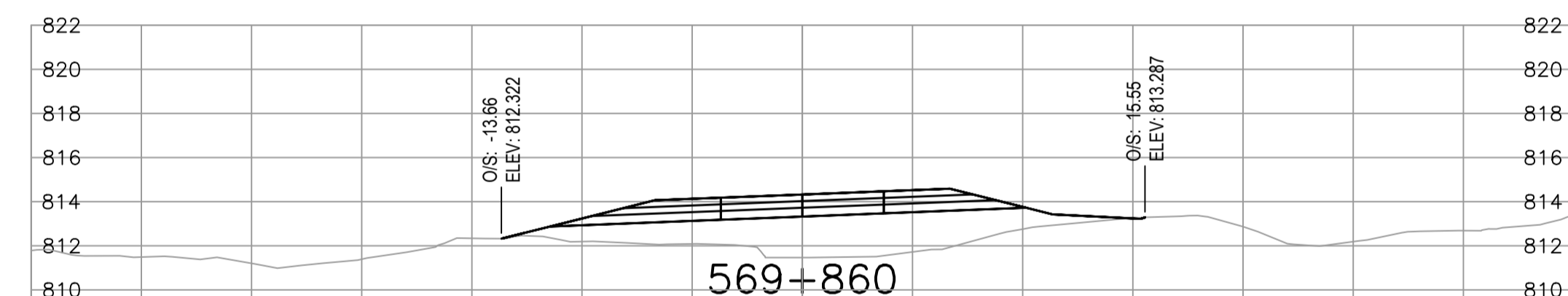
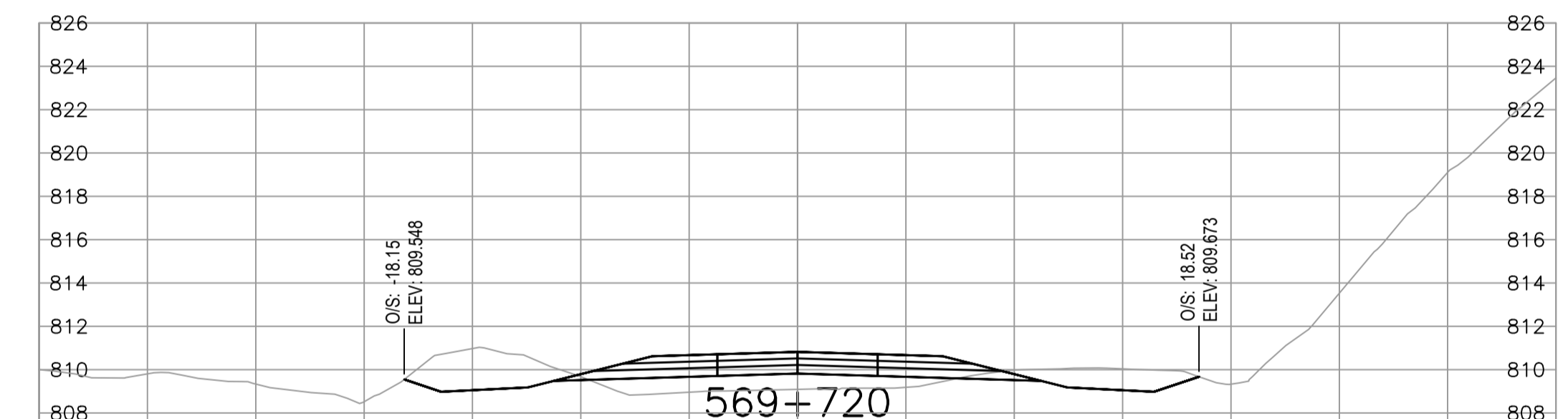
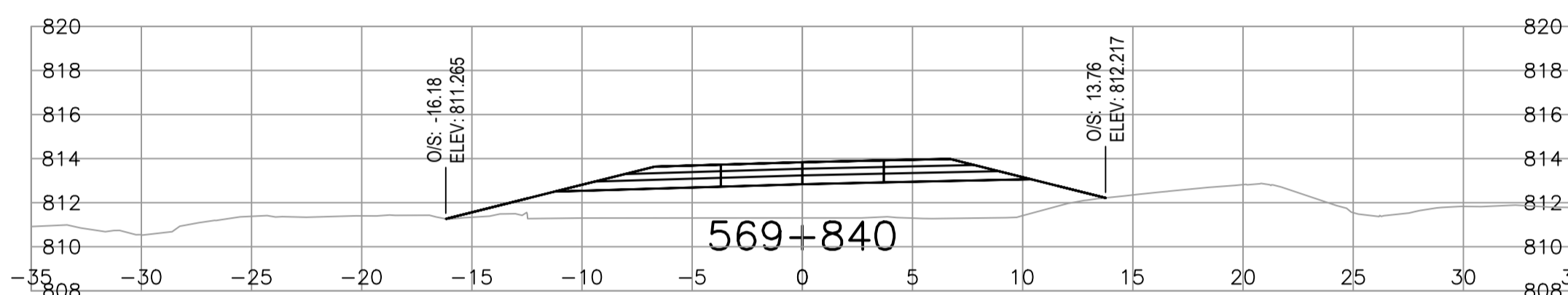
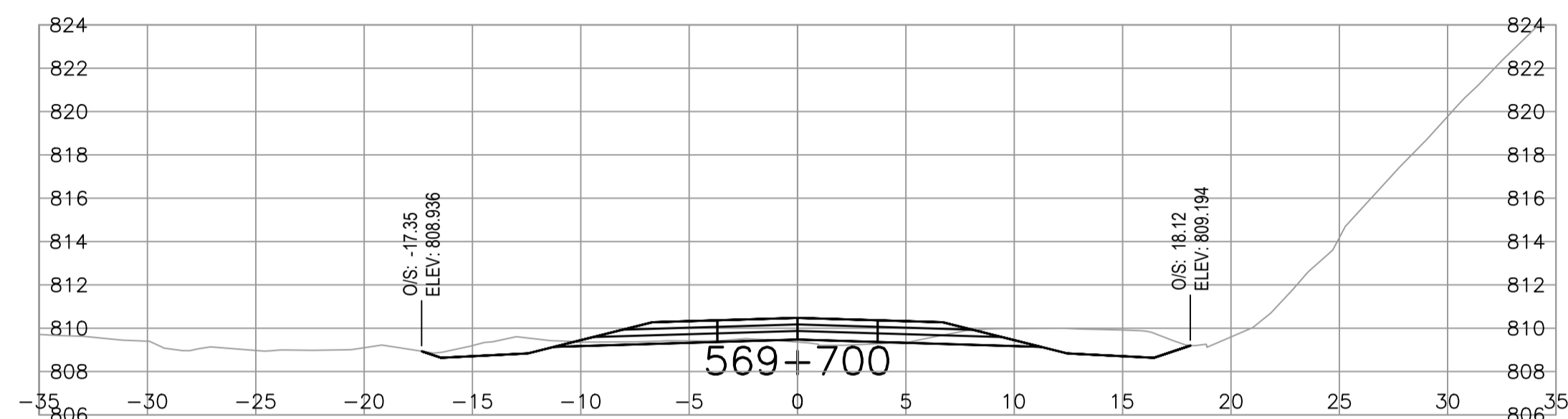
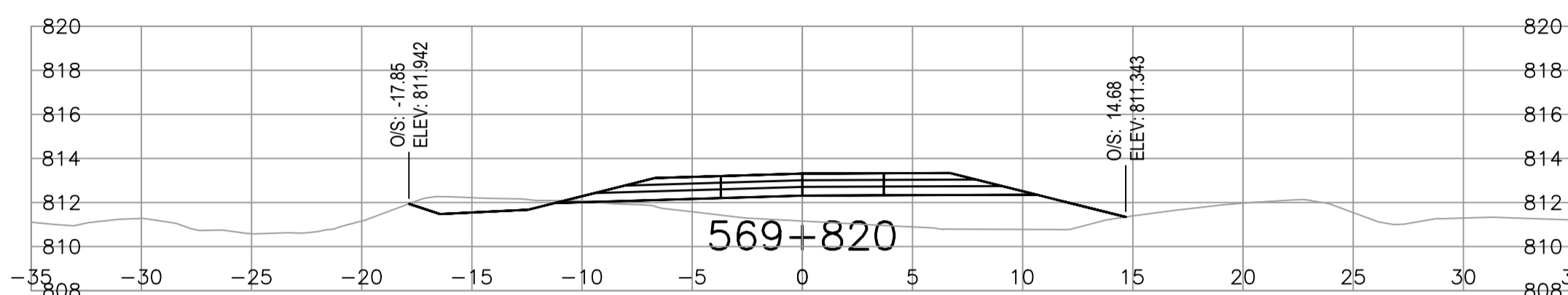
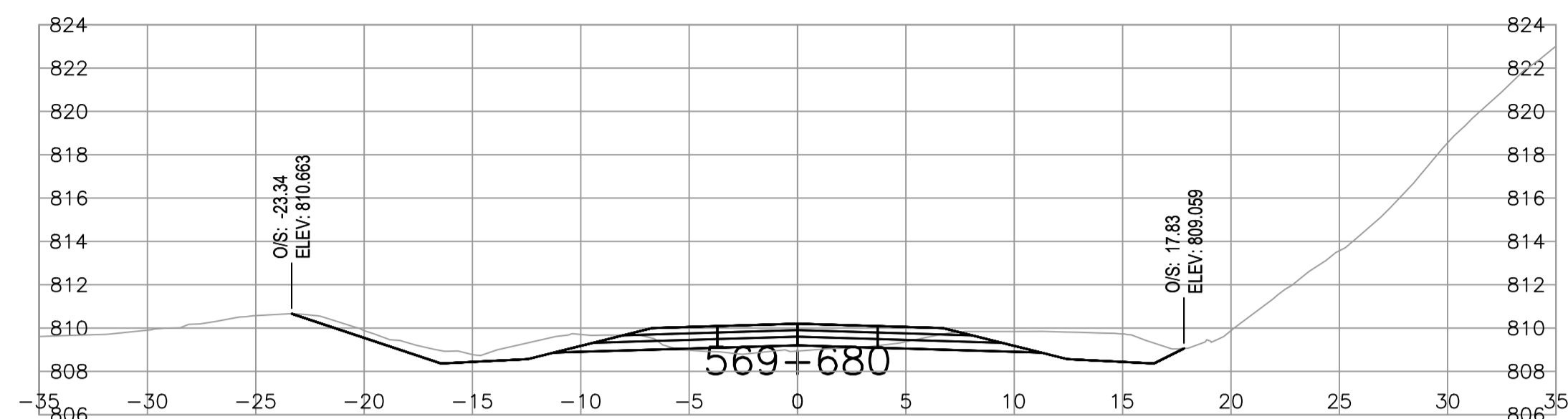
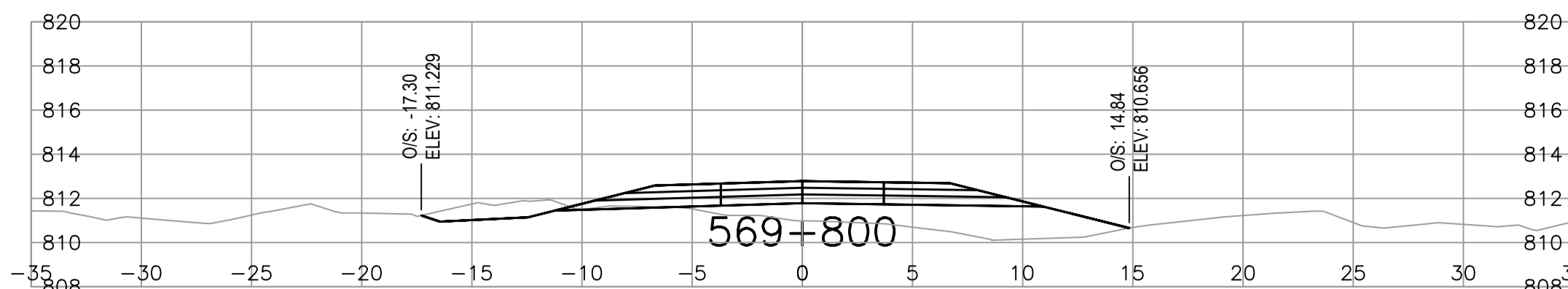
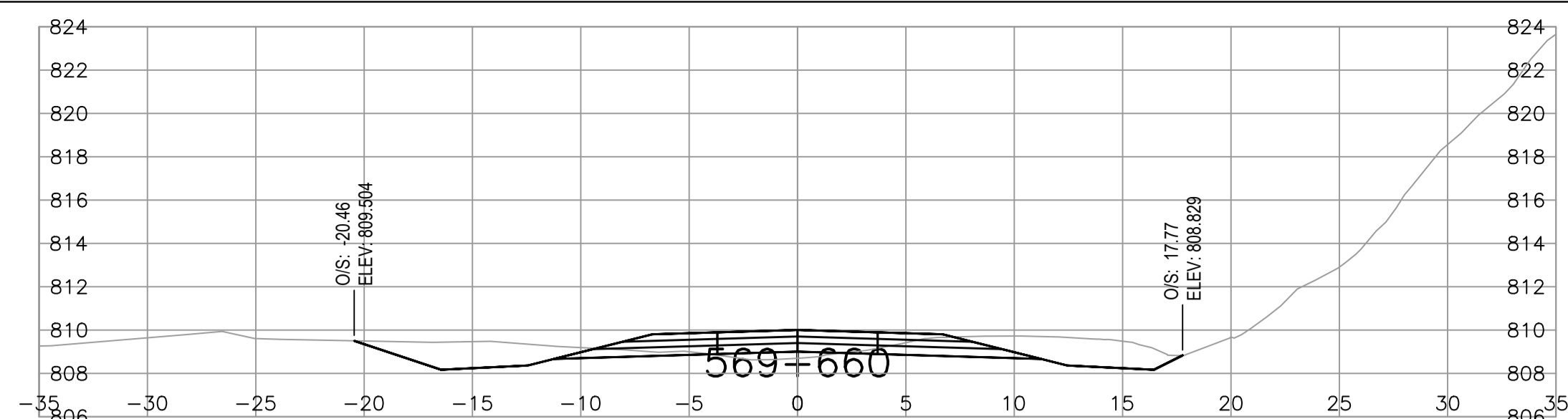
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C410	0

\\tlocal\alLegacy\ancouver\Transportation\TRN\VHWY\Projects\TRN\VHWY\03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C410-C413 HIGHWAY CROSS SECTIONS.dwg [C410] June 02, 2021 - 12:13:06 pm (BY: LEO BRANDON)



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client: Public Services and Procurement Canada



Project Title/Titre du projet:
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

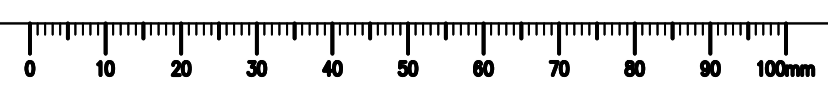
Approved by/Approuvé par: S. LI
Designed by/Conçu par: E. YANG / M. KELEHER
Drawn by/Dessiné par: A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSGC: A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client: Public Services and Procurement Canada
Drawing Title/Titre du dessin:

HIGHWAY CROSS SECTIONS: STA. 569+660 TO STA. 569+920

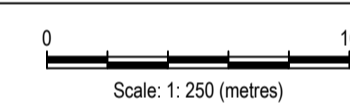
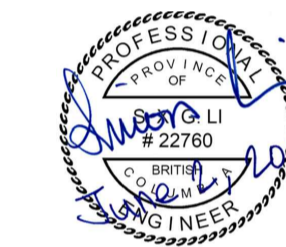
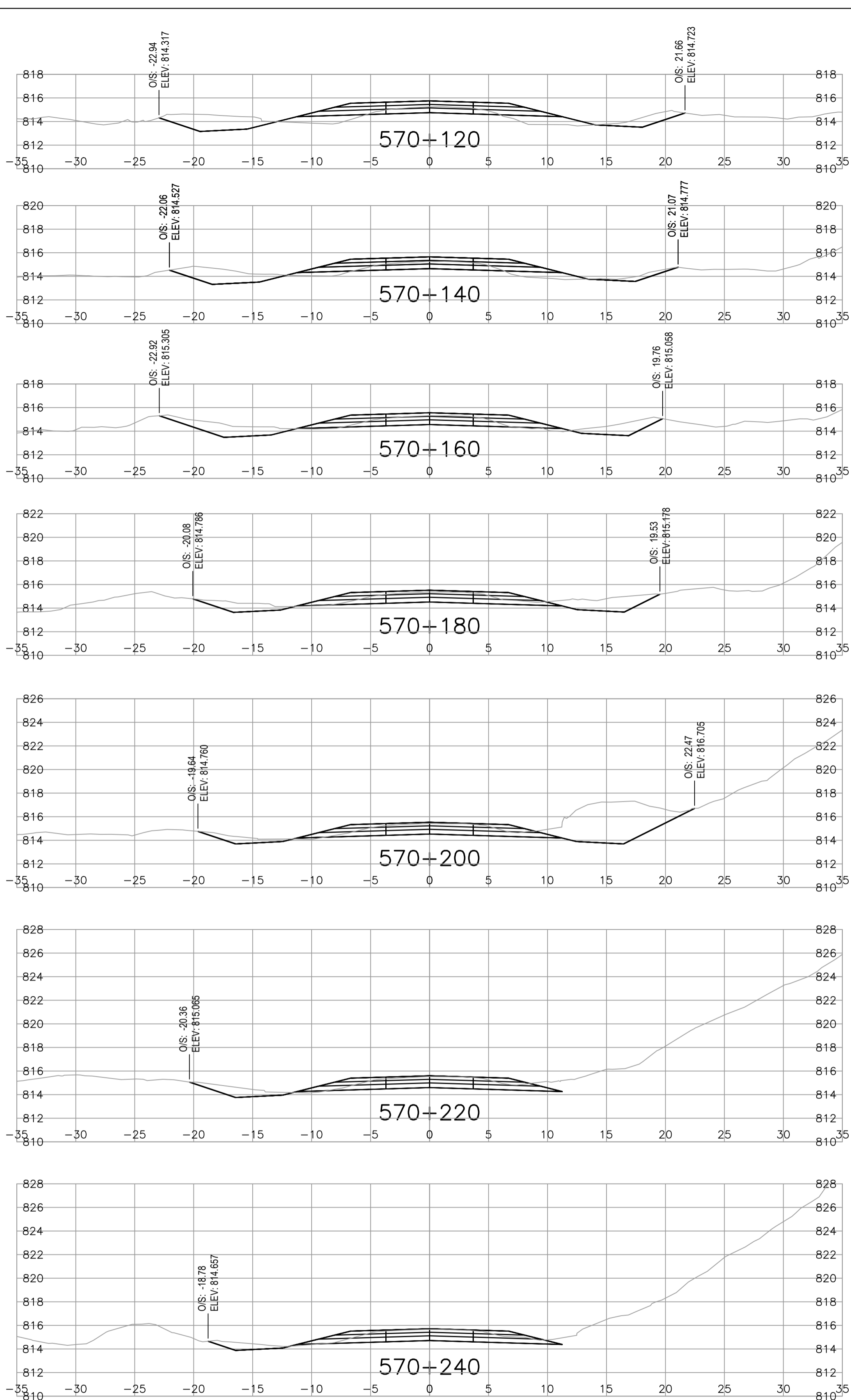
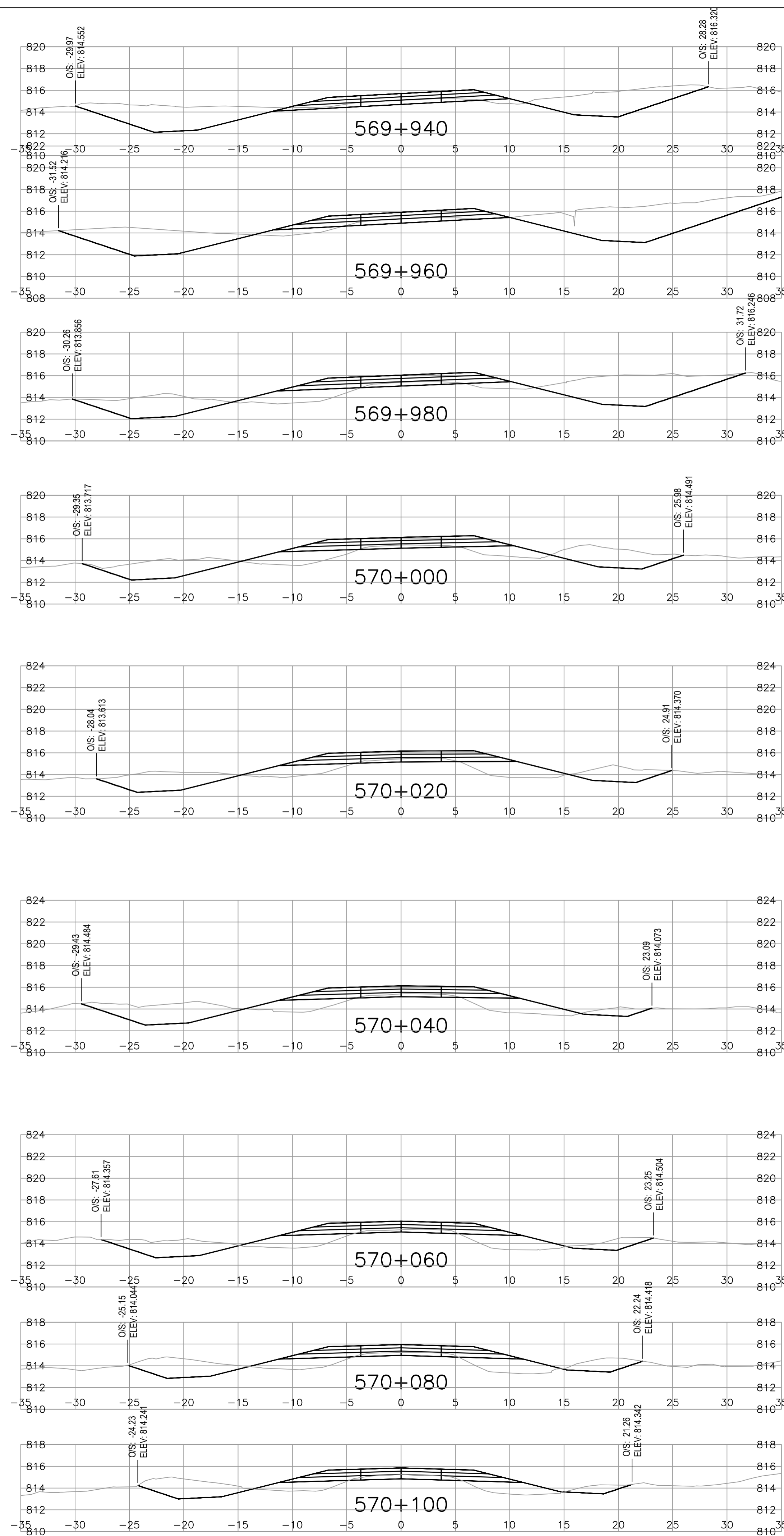
Project No./No. du projet: R.112220.002	Sheet/Feuille: C411	Revision no./La Révision no.: 0
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I:\Local\alLegacy\Transportation\TRN\VHWY\Projects\TRN\VHWY\03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C401-C413 HIGHWAY CROSS SECTIONS.dwg [C411] June 02, 2021 - 12:13:10 pm (BY: LEO BRANDON)



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



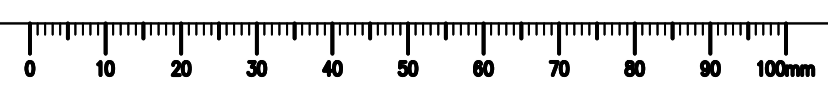
Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
S. LI
Designed by/Concepté par
E. YANG / M. KELEHER
Drawn by/Dessiné par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada
Drawing title/Titre du dessin
**HIGHWAY CROSS SECTIONS:
STA. 569+940 TO STA. 570+240**

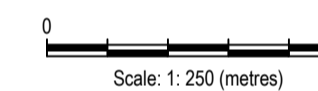
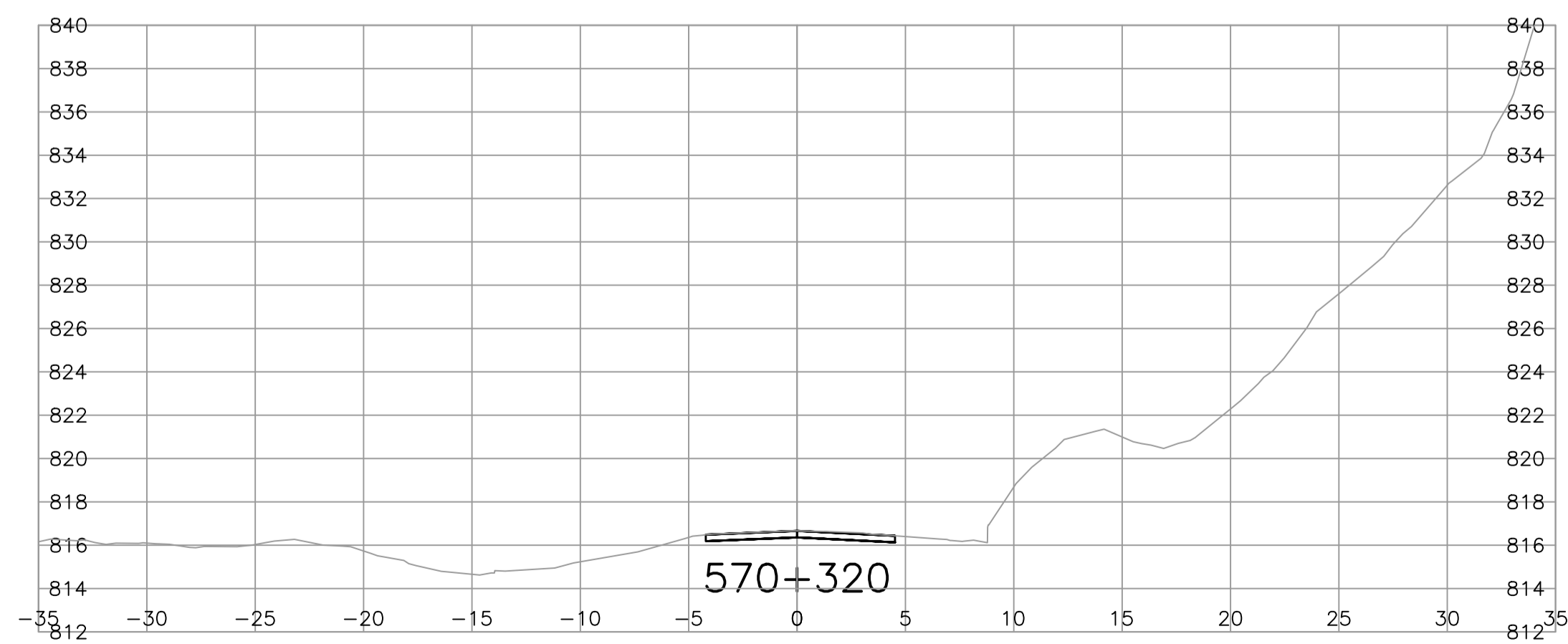
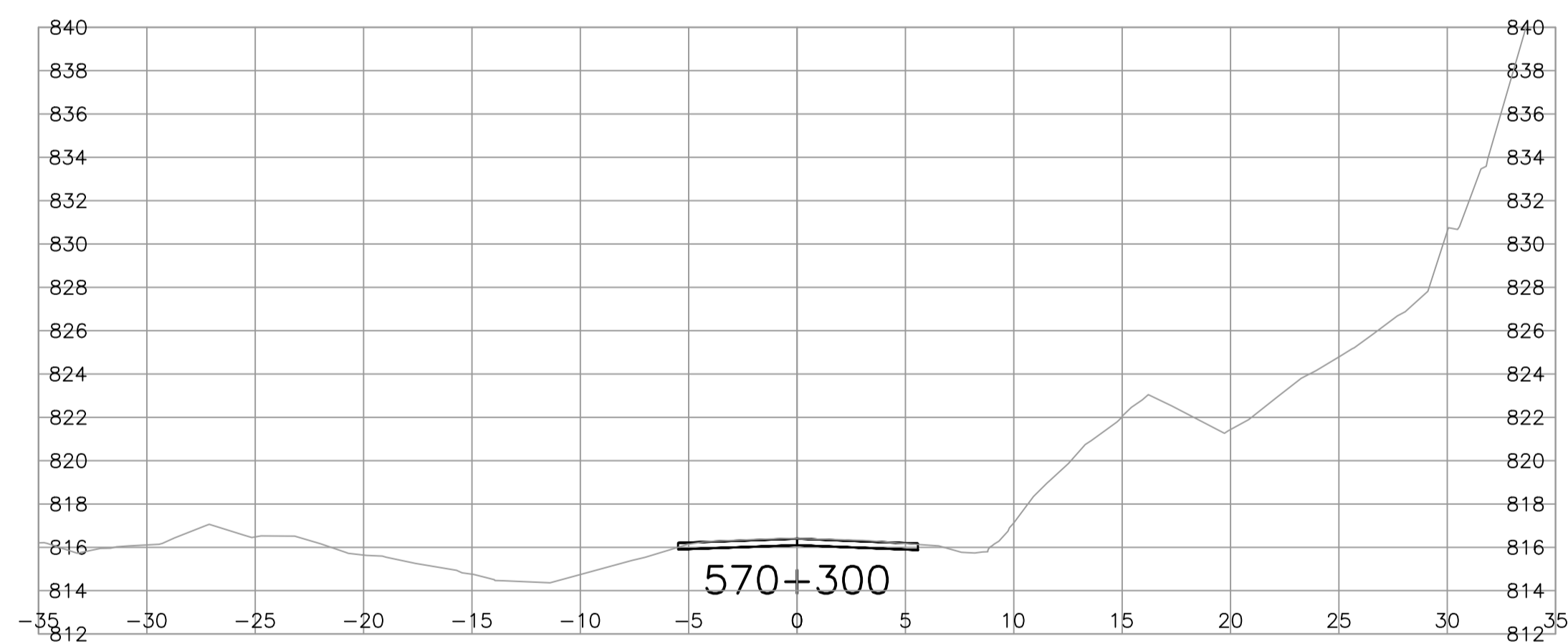
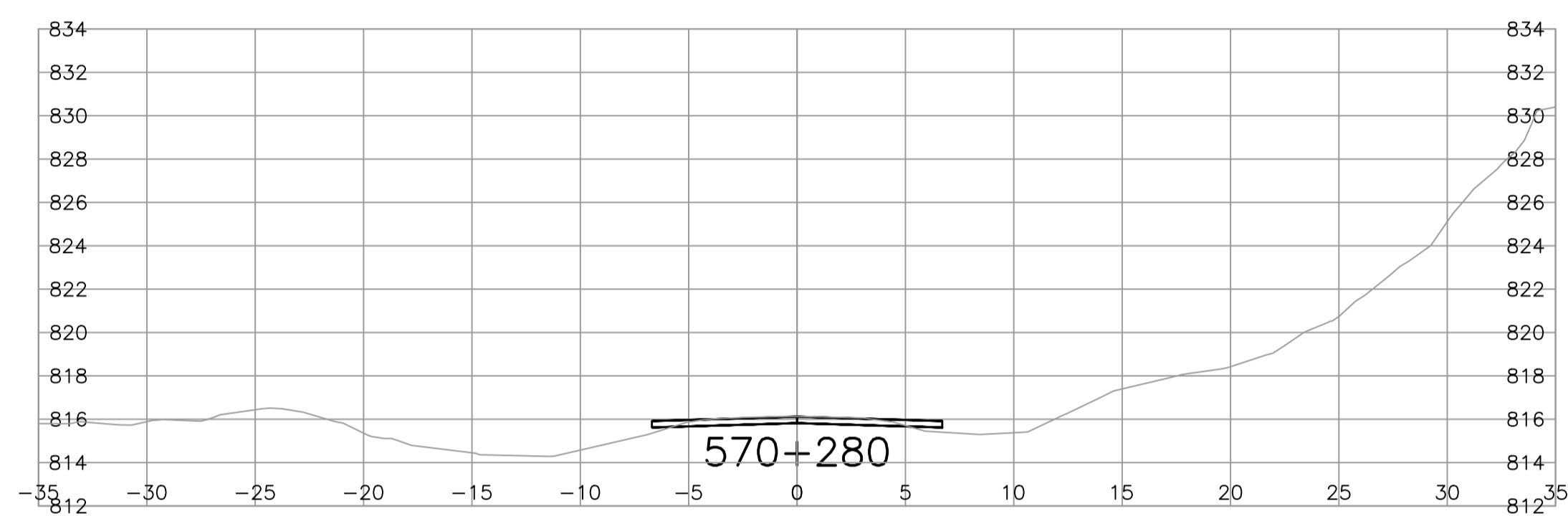
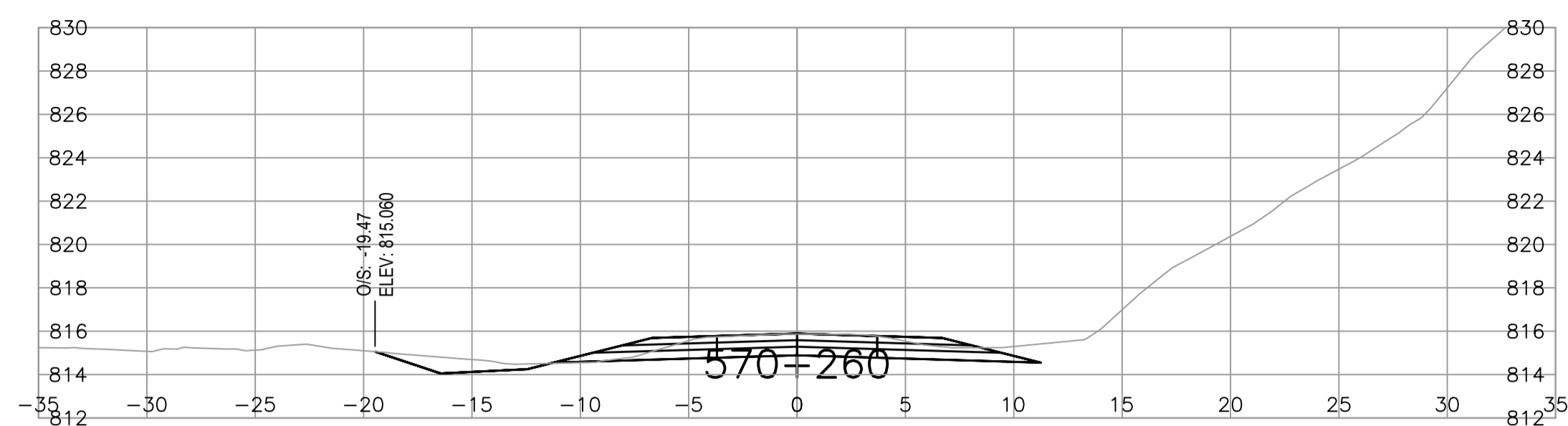
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C412	0

\\t1-local\saal\Legacy\ancouver\Transportation\TRN\VHWY03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C401-C413 HIGHWAY CROSS SECTIONS.dwg [C412] June 02, 2021 - 12:13:16 pm (BY: LEO BRANDON)



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
**KM 568 TO KM 573
(TETSA RIVER)
RECONSTRUCTION - PHASE 2
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
S. LI

Designed by/Concepté par
E. YANG / M. KELEHER

Drawn by/Dessiné par
A. DEEPWELL

PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

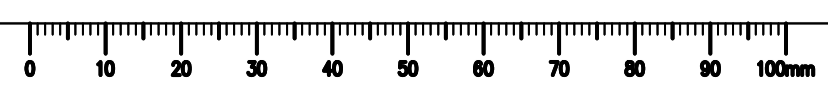
PWSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**HIGHWAY CROSS SECTIONS:
STA. 570+260 TO STA. 570+320**

Project No./No. du projet R.112220.002	Sheet/Feuille C413	Revision no./ La Révision no. 0
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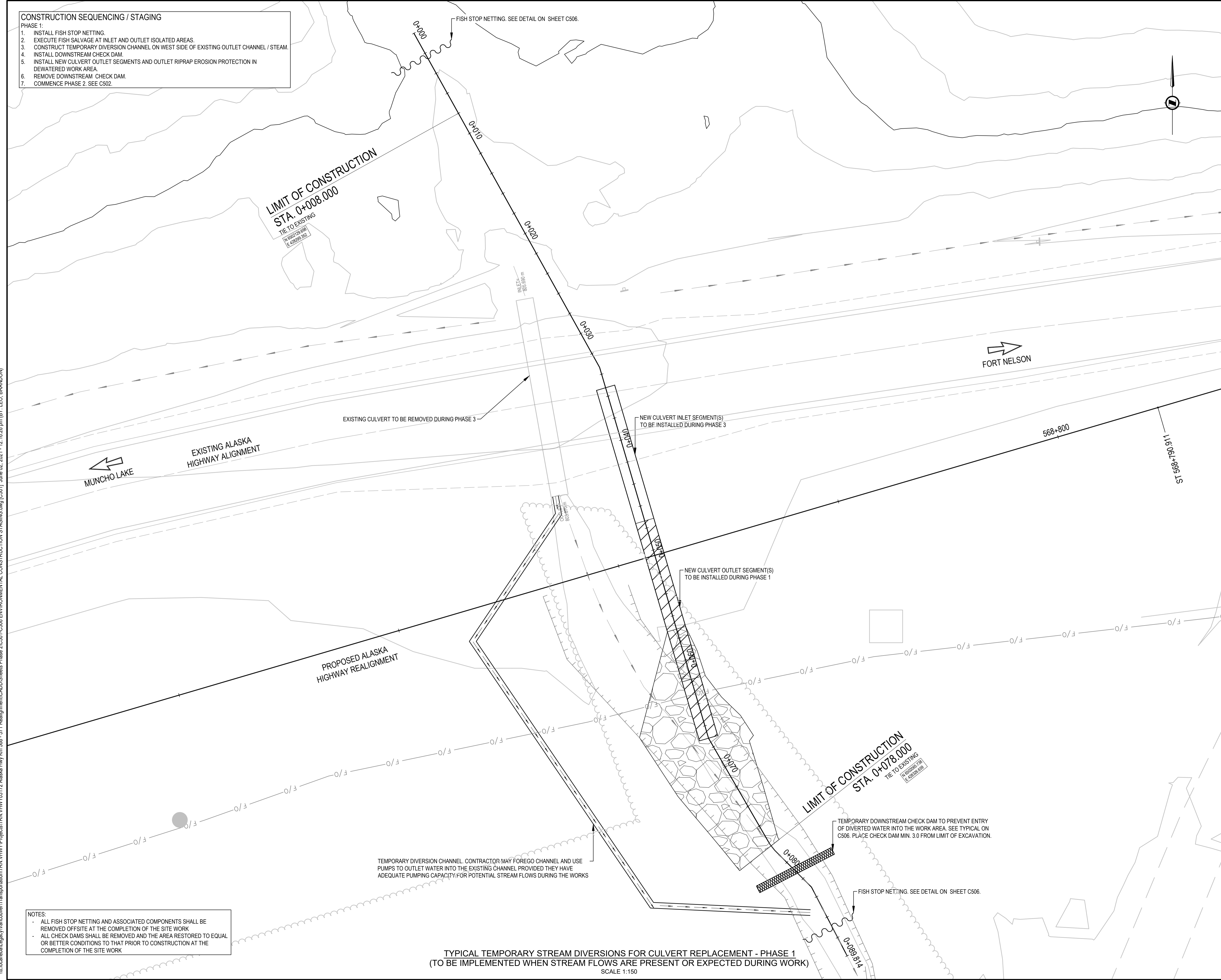
\\t\local\al\Legacy\ancouver\Transportation\TRN\VHWY\Projects\TRN\VHWY\03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets Phase 2\C401-C413 HIGHWAY CROSS SECTIONS.dwg [C413] June 02, 2021 - 12:13:21 pm (By: LEO BRANDON)



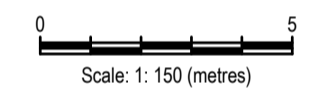
CONSTRUCTION SEQUENCING / STAGING
PHASE 1:
 1. INSTALL FISH STOP NETTING.
 2. EXECUTE FISH SALVAGE AT INLET AND OUTLET ISOLATED AREAS.
 3. CONSTRUCT TEMPORARY DIVERSION CHANNEL ON WEST SIDE OF EXISTING OUTLET CHANNEL / STEAM.
 4. INSTALL DOWNSTREAM CHECK DAM.
 5. INSTALL NEW CULVERT OUTLET SEGMENTS AND OUTLET RIPRAP EROSION PROTECTION IN DEWATERED WORK AREA.
 6. REMOVE DOWNSTREAM CHECK DAM.
 7. COMMENCE PHASE 2. SEE C502.

ISSUED FOR TENDER

GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



\\tlocal\alLegacy\ancouver\Transportation\TRN\Hwy\03172 Alaska Hwy km 568 - 571 Realignment\CADD\Sheets Phase 2\C501-C506 ENVIRONMENTAL CONSTRUCTION STAGING.dwg [C501] June 02, 2021 - 12:16:29 pm (BY: LEO BRANDON)



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI
 Designed by/Concept par
E. YANG / M. KELEHER
 Drawn by/Dessine par
A. DEEPWELL
 PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSGC

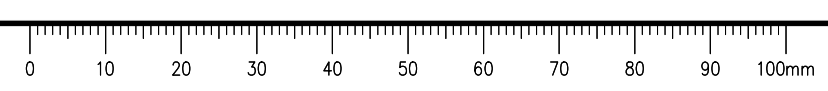
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
STA. 568+800 CULVERT ENVIRONMENTAL CONSTRUCTION STAGING - PLAN VIEW PHASE 1

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C501	0

NOTES:
 - ALL FISH STOP NETTING AND ASSOCIATED COMPONENTS SHALL BE REMOVED OFFSITE AT THE COMPLETION OF THE SITE WORK
 - ALL CHECK DAMS SHALL BE REMOVED AND THE AREA RESTORED TO EQUAL OR BETTER CONDITIONS TO THAT PRIOR TO CONSTRUCTION AT THE COMPLETION OF THE SITE WORK

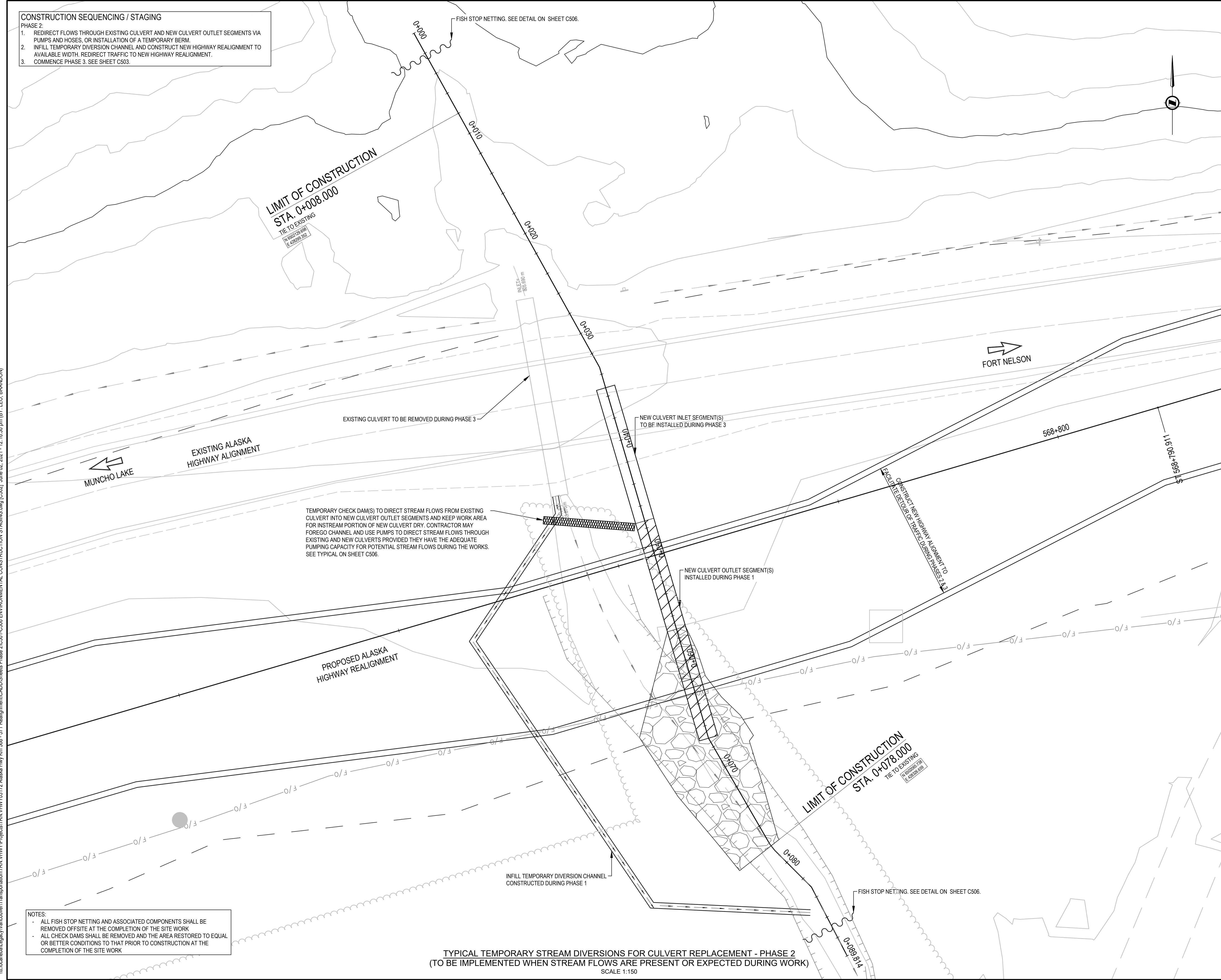
TYPICAL TEMPORARY STREAM DIVERSIONS FOR CULVERT REPLACEMENT - PHASE 1 (TO BE IMPLEMENTED WHEN STREAM FLOWS ARE PRESENT OR EXPECTED DURING WORK)
 SCALE 1:150



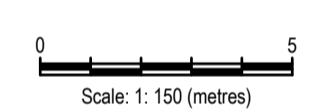
CONSTRUCTION SEQUENCING / STAGING
PHASE 2:
 1. REDIRECT FLOWS THROUGH EXISTING CULVERT AND NEW CULVERT OUTLET SEGMENTS VIA PUMPS AND HOSES, OR INSTALLATION OF A TEMPORARY BERM.
 2. INFILL TEMPORARY DIVERSION CHANNEL AND CONSTRUCT NEW HIGHWAY REALIGNMENT TO AVAILABLE WIDTH. REDIRECT TRAFFIC TO NEW HIGHWAY REALIGNMENT.
 3. COMMENCE PHASE 3. SEE SHEET C503.

ISSUED FOR TENDER

GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.



\\local\baal\Legacy\ancouver\Transportation\TRN\VMW\Projects\TRN\VMW\03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets\Phase 2\C501-C506 ENVIRONMENTAL CONSTRUCTION STAGING.dwg [C502] June 02, 2021 - 12:16:30 pm (BY: LEO BRANDON)



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI
 Designed by/Concept par
E. YANG / M. KELEHER

Drawn by/Dessiné par
A. DEEPWELL
 PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
 PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

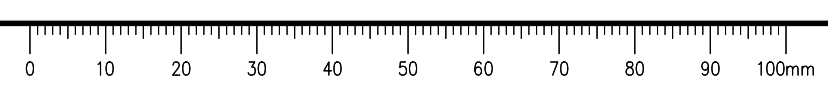
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
STA. 568+840 CULVERT ENVIRONMENTAL CONSTRUCTION STAGING - PLAN VIEW PHASE 2

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C502	0

NOTES:
 - ALL FISH STOP NETTING AND ASSOCIATED COMPONENTS SHALL BE REMOVED OFFSITE AT THE COMPLETION OF THE SITE WORK
 - ALL CHECK DAMS SHALL BE REMOVED AND THE AREA RESTORED TO EQUAL OR BETTER CONDITIONS TO THAT PRIOR TO CONSTRUCTION AT THE COMPLETION OF THE SITE WORK

TYPICAL TEMPORARY STREAM DIVERSIONS FOR CULVERT REPLACEMENT - PHASE 2 (TO BE IMPLEMENTED WHEN STREAM FLOWS ARE PRESENT OR EXPECTED DURING WORK)
 SCALE 1:150



- CONSTRUCTION SEQUENCING / STAGING**
PHASE 3:
1. INSTALL FISH STOP NETTING.
 2. INSTALL UPSTREAM CHECK DAM.
 3. INSTALL UPSTREAM PUMP(S), PASS HOSES THROUGH CULVERT AND COMMENCE STREAM FLOW DIVERSION INTO PUMPS THROUGH NEW CULVERT OUTLET SEGMENTS.
 4. INSTALL NEW CULVERT INLET SEGMENTS.
 5. REMOVE AND DISPOSE OF EXISTING CULVERT, COMPLETE INLET CHANNEL REALIGNMENT AND INSTALL INLET RIPRAP EROSION PROTECTION.
 6. REMOVE UPSTREAM CHECK DAMS AND ANY ASSOCIATED MATERIAL.
 7. REMOVE UPSTREAM PUMP(S) AND ANY ASSOCIATED MATERIAL.
 8. REMOVE UPSTREAM AND DOWNSTREAM FISH STOP NET AND ANY ASSOCIATED MATERIAL.

TEMPORARY UPSTREAM CHECK DAM TO PREVENT STREAM FLOWS FROM ENTERING THE DEWATERED INSTREAM WORK AREA. SEE TYPICAL ON C601. PLACE CHECK DAM MIN. 3.0 FROM LIMIT OF EXCAVATION.

LIMIT OF CONSTRUCTION
STA. 0+008.000
 TIE TO EXISTING
 IN 650289.558
 E 40289.350

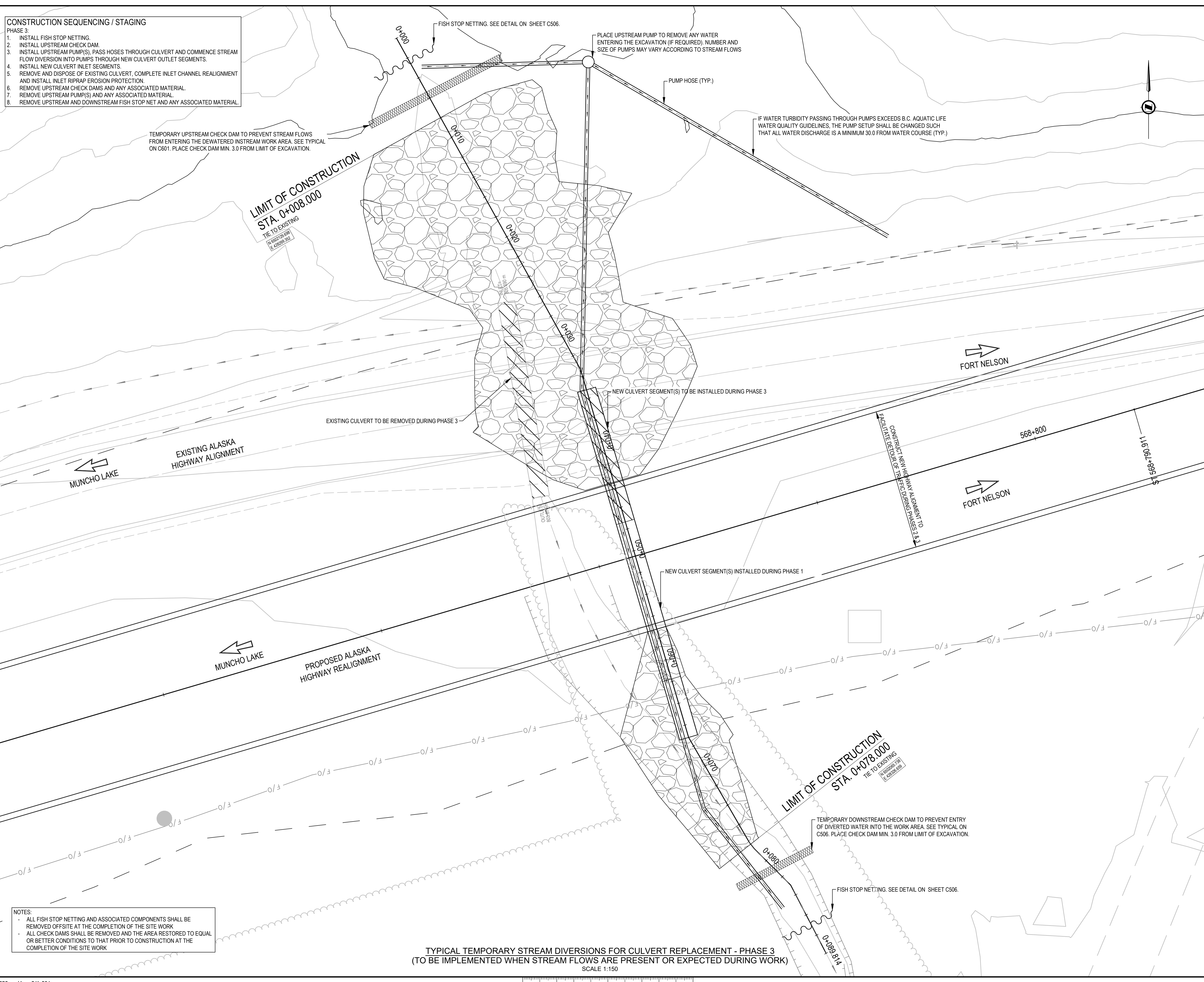
FISH STOP NETTING. SEE DETAIL ON SHEET C506.
 PLACE UPSTREAM PUMP TO REMOVE ANY WATER ENTERING THE EXCAVATION (IF REQUIRED). NUMBER AND SIZE OF PUMPS MAY VARY ACCORDING TO STREAM FLOWS

IF WATER TURBIDITY PASSING THROUGH PUMPS EXCEEDS B.C. AQUATIC LIFE WATER QUALITY GUIDELINES, THE PUMP SETUP SHALL BE CHANGED SUCH THAT ALL WATER DISCHARGE IS A MINIMUM 30.0 FROM WATER COURSE (TYP.)

ISSUED FOR TENDER

- GENERAL NOTES:**
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.

\\tlocal\alLegacy\ancoveit\Transportation\TRN\VHWY\Projects\TRN\VHWY\03172 Alaska Hwy Km 568 - 571 Realignment\CADD\Sheets\Phase 2\C501-C506 ENVIRONMENTAL CONSTRUCTION STAGING.dwg [C503] June 02, 2021 - 12:16:35 pm (BY: LEO BRANDON)



Scale: 1:150 (metres)

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI
 Designed by/Concept par
E. YANG / M. KELEHER
 Drawn by/Dessine par
A. DEEPWELL
 PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

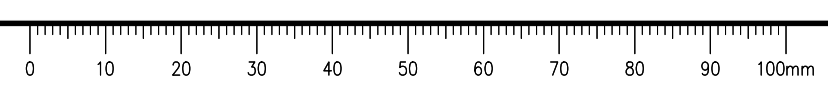
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
STA. 568+840 CULVERT ENVIRONMENTAL CONSTRUCTION STAGING - PLAN VIEW PHASE 3

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C503	0

- NOTES:**
- ALL FISH STOP NETTING AND ASSOCIATED COMPONENTS SHALL BE REMOVED OFFSITE AT THE COMPLETION OF THE SITE WORK
 - ALL CHECK DAMS SHALL BE REMOVED AND THE AREA RESTORED TO EQUAL OR BETTER CONDITIONS TO THAT PRIOR TO CONSTRUCTION AT THE COMPLETION OF THE SITE WORK

TYPICAL TEMPORARY STREAM DIVERSIONS FOR CULVERT REPLACEMENT - PHASE 3
 (TO BE IMPLEMENTED WHEN STREAM FLOWS ARE PRESENT OR EXPECTED DURING WORK)
 SCALE 1:150



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.

- CONSTRUCTION SEQUENCING / STAGING**
PHASE 1:
1. INSTALL FISH STOP NETTING.
 2. EXECUTE FISH SALVAGE AT INLET AND OUTLET ISOLATED AREAS.
 3. INSTALL UPSTREAM CHECK DAM.
 4. INSTALL UPSTREAM PUMP(S), PASS HOSES THROUGH EXISTING CULVERT AND COMMENCE STREAM FLOW DIVERSION INTO PUMPS.
 5. INSTALL DOWNSTREAM CHECK DAM.
 6. INSTALL NEW CULVERT IN THE DEWATERED INSTREAM WORK AREA.
 7. INSTALL RIPRAP EROSION PROTECTION IN THE DEWATERED INSTREAM WORK AREA.
 8. DIRECT STREAM FLOWS THROUGH NEW CULVERT.
 9. REMOVE UPSTREAM AND DOWNSTREAM CHECK DAMS AND ANY ASSOCIATED MATERIAL.
 10. REMOVE UPSTREAM PUMP(S) AND ANY ASSOCIATED MATERIAL.
 11. COMMENCE PHASE 2 - SEE SHEET C502

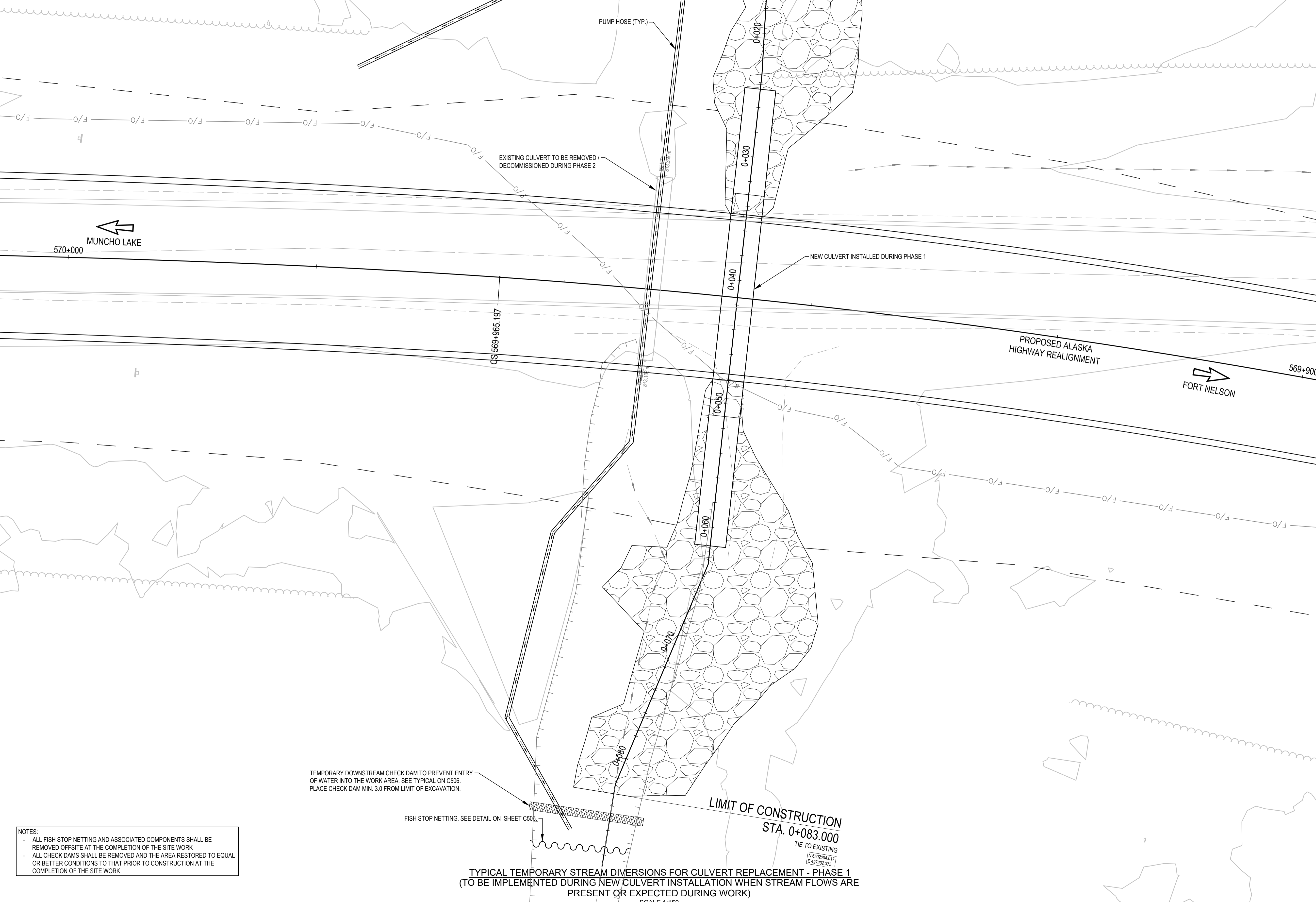
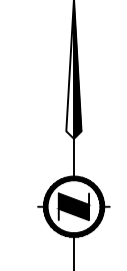
IF WATER TURBIDITY PASSING THROUGH PUMPS EXCEEDS B.C. AQUATIC LIFE WATER QUALITY GUIDELINES, THE PUMP SETUP SHALL BE CHANGED SUCH THAT ALL WATER DISCHARGE IS A MINIMUM 30.0 FROM WATER COURSE (TYP.)

PLACE UPSTREAM PUMP TO REMOVE ANY WATER ENTERING THE EXCAVATION (IF REQUIRED). NUMBER AND SIZE OF PUMPS MAY VARY ACCORDING TO STREAM FLOWS

FISH STOP NETTING. SEE DETAIL ON SHEET C506.

TEMPORARY UPSTREAM CHECK DAM TO PREVENT ENTRY OF WATER INTO THE WORK AREA. SEE TYPICAL ON C506. PLACE CHECK DAM MIN. 3.0 FROM LIMIT OF EXCAVATION.

LIMIT OF CONSTRUCTION
STA. 0+012.000
TIE TO EXISTING
N 6502273.537
E 427244.969



Scale: 1:150 (metres)

0	ISSUED FOR TENDER	21/06/02
Revision	Description/Description	Date/Date

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI
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Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
STA. 569+950 CULVERT ENVIRONMENTAL CONSTRUCTION STAGING - PLAN VIEW PHASE 1

Project No./No. du projet R.112220.002	Sheet/Feuille C504	Revision no./La Révision no. 0
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- NOTES:**
- ALL FISH STOP NETTING AND ASSOCIATED COMPONENTS SHALL BE REMOVED OFFSITE AT THE COMPLETION OF THE SITE WORK
 - ALL CHECK DAMS SHALL BE REMOVED AND THE AREA RESTORED TO EQUAL OR BETTER CONDITIONS TO THAT PRIOR TO CONSTRUCTION AT THE COMPLETION OF THE SITE WORK

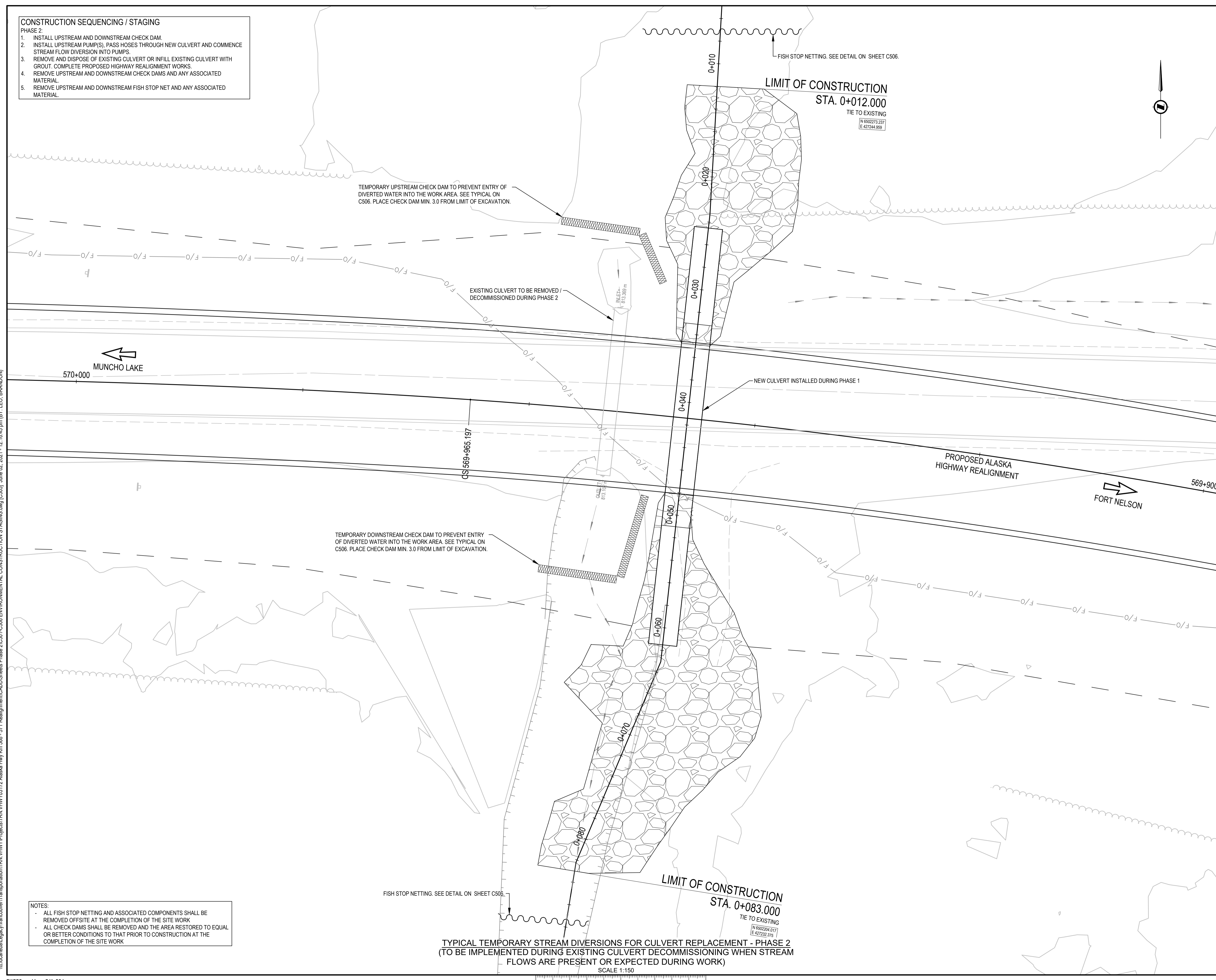
TYPICAL TEMPORARY STREAM DIVERSIONS FOR CULVERT REPLACEMENT - PHASE 1
(TO BE IMPLEMENTED DURING NEW CULVERT INSTALLATION WHEN STREAM FLOWS ARE PRESENT OR EXPECTED DURING WORK)

SCALE 1:150

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- CONSTRUCTION SEQUENCING / STAGING**
PHASE 2:
1. INSTALL UPSTREAM AND DOWNSTREAM CHECK DAM.
 2. INSTALL UPSTREAM PUMP(S), PASS HOSES THROUGH NEW CULVERT AND COMMENCE STREAM FLOW DIVERSION INTO PUMPS.
 3. REMOVE AND DISPOSE OF EXISTING CULVERT OR INFILL EXISTING CULVERT WITH GROUT. COMPLETE PROPOSED HIGHWAY REALIGNMENT WORKS.
 4. REMOVE UPSTREAM AND DOWNSTREAM CHECK DAMS AND ANY ASSOCIATED MATERIAL.
 5. REMOVE UPSTREAM AND DOWNSTREAM FISH STOP NET AND ANY ASSOCIATED MATERIAL.

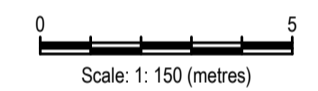
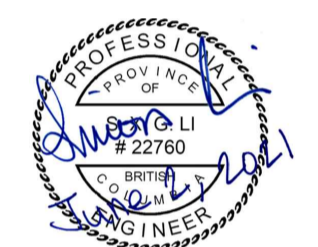
ISSUED FOR TENDER



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- NOTES:**
- ALL FISH STOP NETTING AND ASSOCIATED COMPONENTS SHALL BE REMOVED OFFSITE AT THE COMPLETION OF THE SITE WORK
 - ALL CHECK DAMS SHALL BE REMOVED AND THE AREA RESTORED TO EQUAL OR BETTER CONDITIONS TO THAT PRIOR TO CONSTRUCTION AT THE COMPLETION OF THE SITE WORK

TYPICAL TEMPORARY STREAM DIVERSIONS FOR CULVERT REPLACEMENT - PHASE 2
 (TO BE IMPLEMENTED DURING EXISTING CULVERT DECOMMISSIONING WHEN STREAM FLOWS ARE PRESENT OR EXPECTED DURING WORK)
 SCALE 1:150



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/22

Client/client
Public Services and Procurement Canada



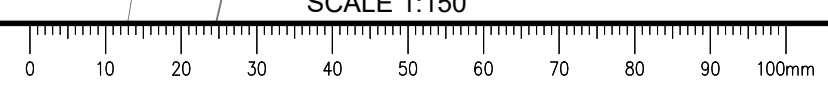
Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI
 Designed by/Concept par
E. YANG / M. KELEHER
 Drawn by/Dessine par
A. DEEPWELL
 PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

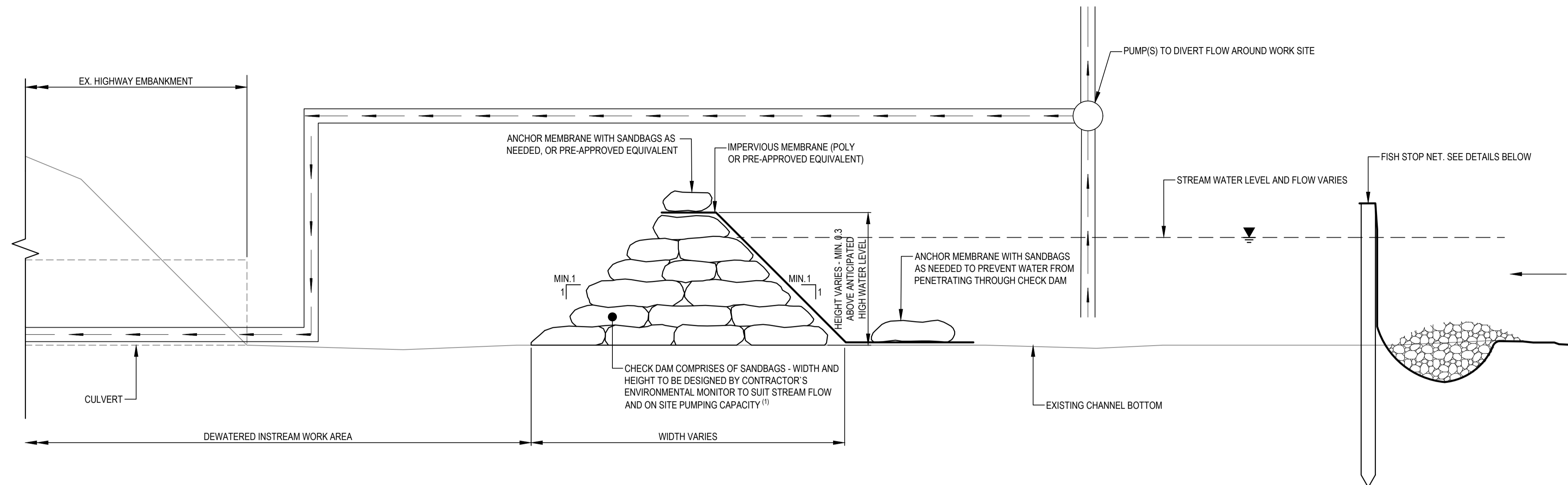
Drawing title/Titre du dessin
STA. 569+950 CULVERT ENVIRONMENTAL CONSTRUCTION STAGING - PLAN VIEW PHASE 2

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C505	0



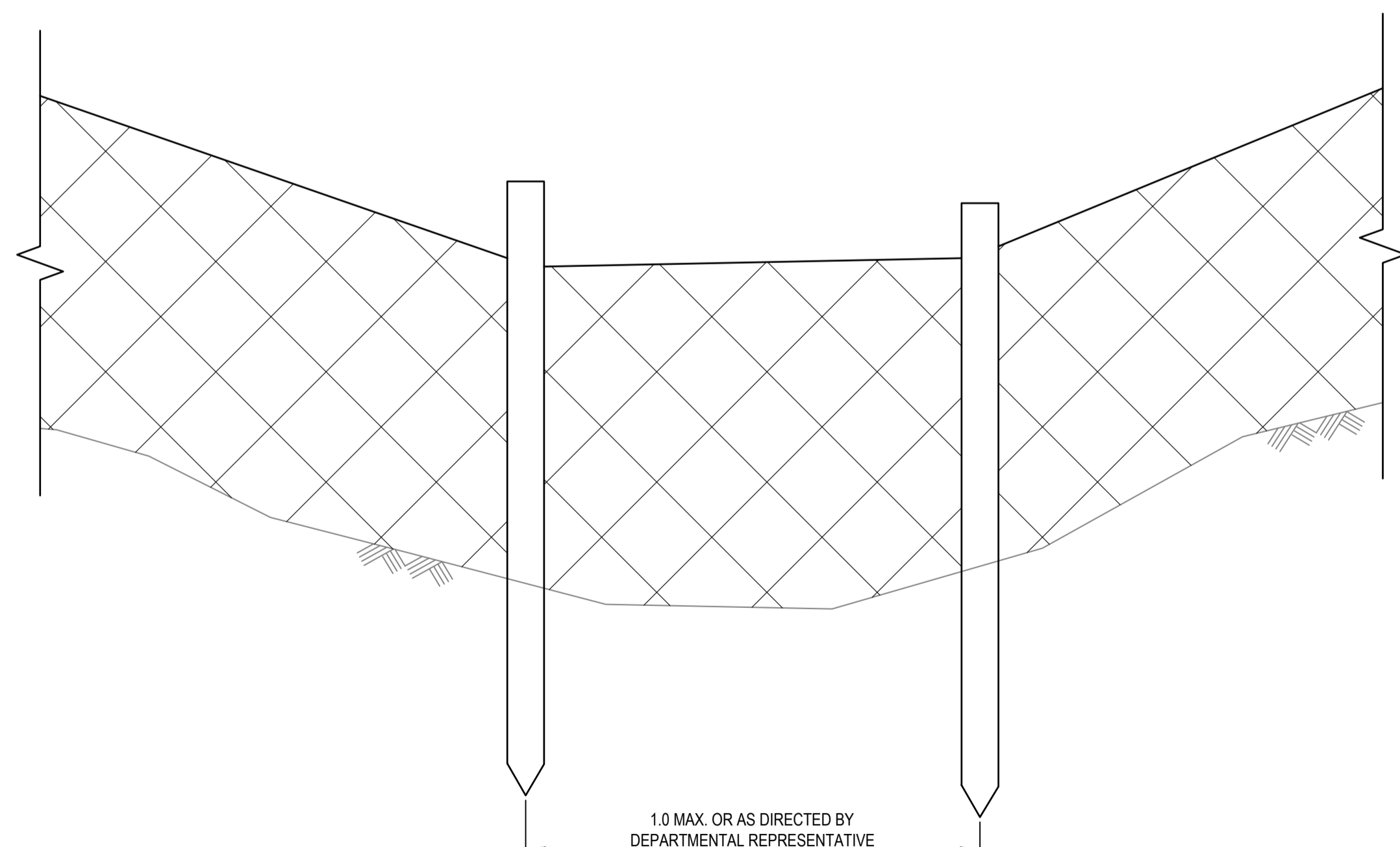
ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE SHOWN IN METRES UNLESS NOTED.

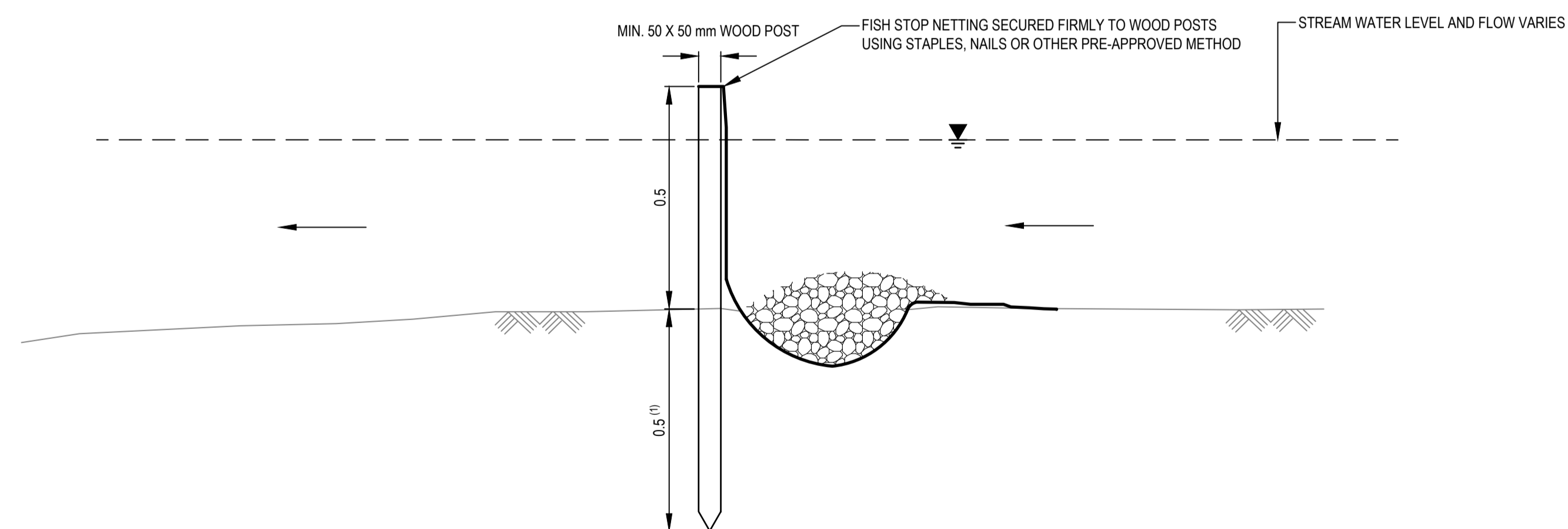


NOTES:
- IF PRE-APPROVED BY THE DEPARTMENTAL REPRESENTATIVE AND THE CONTRACTOR'S ENVIRONMENTAL MONITOR, THE CONTRACTOR MAY UTILIZE EARTH FILL TO CONSTRUCT CHECK DAM. IF AN EARTH FILL CHECK DAM IS UTILIZED, THE TURBIDITY LEVELS SHALL REMAIN WITHIN B.C. AQUATIC LIFE WATER QUALITY GUIDELINES FOR TURBIDITY FOR THE DURATION OF THE EARTH BERM INSTALLATION. THE EARTH MATERIAL USED AND COMPACTION REQUIREMENTS SHALL BE DESIGNED BY THE ENVIRONMENTAL MONITOR.

TYPICAL SECTION OF TEMPORARY CHECK DAM USING SANDBAGS
(UPSTREAM CHECK DAM ARRANGEMENT SHOWN, MIRROR ARRANGEMENT FOR DOWNSTREAM CHECK DAM)
SCALE 1:10

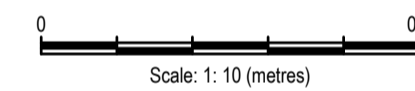


TYPICAL SECTION FISH STOP NET INSTALLATION
SCALE 1:10



NOTES:
(1) OR AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE AND ENVIRONMENTAL MONITOR TO SUIT FIELD CONDITIONS

TYPICAL SECTION FISH STOP NET POST AND FABRIC
SCALE 1:10



Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/06/02

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 568 TO KM 573 (TETSA RIVER) RECONSTRUCTION - PHASE 2 ALASKA HIGHWAY, BC

Approved by/Approve par
S. LI

Designed by/Concept par
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Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
ENVIRONMENTAL CONSTRUCTION STAGING - CHECK DAM & FISH STOP NET DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.112220.002	C506	0

