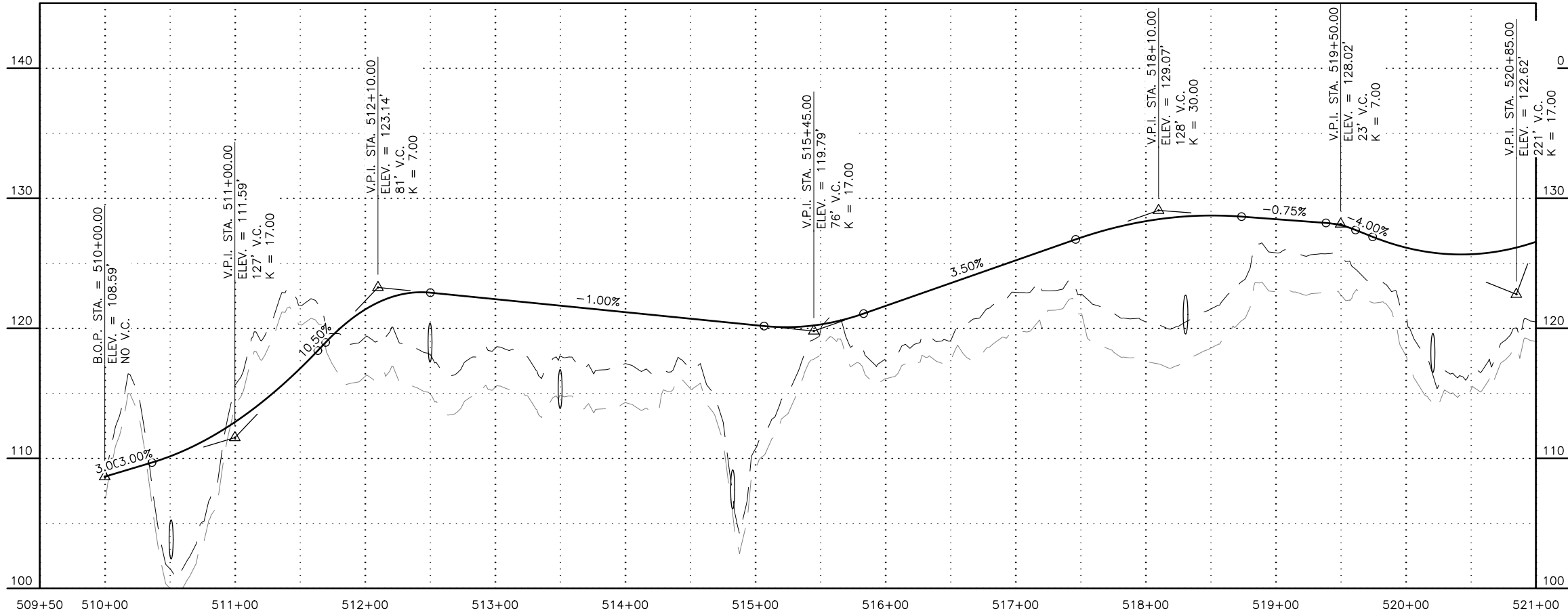
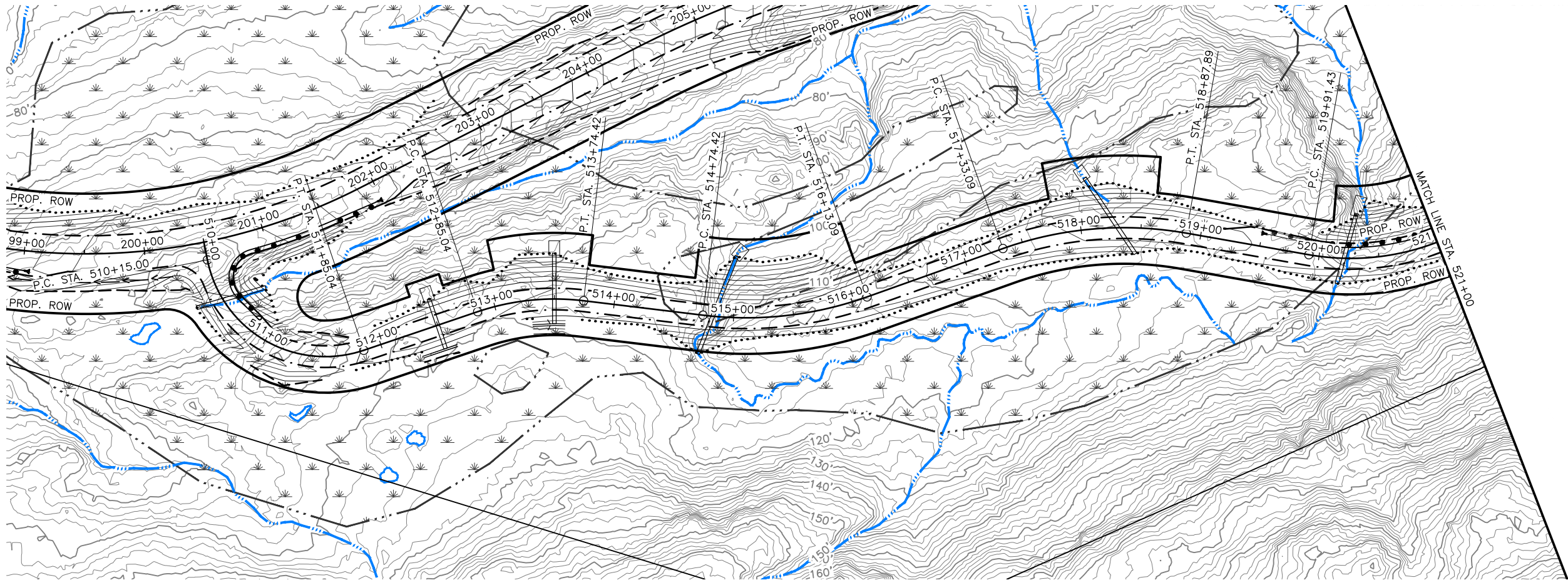
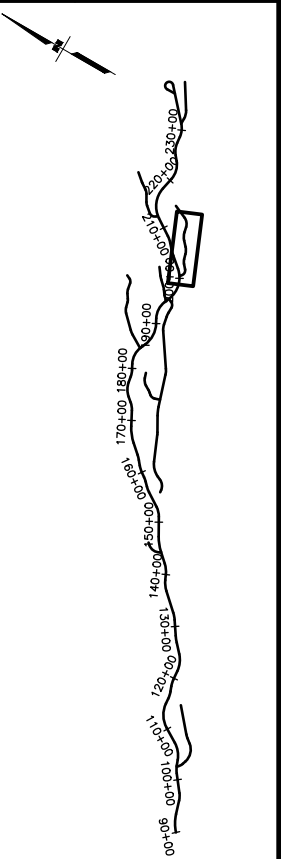




SHEET NO.	TOTAL SHEETS
F25	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



STATE OF ALASKA

49TH

Colin M. Singleton

CE-124820

REGISTERED PROFESSIONAL ENGINEER

CRW ENGINEERING GROUP, LLC

3940 ARCTIC BLVD., SUITE 300

ANCHORAGE, ALASKA 99503

(907) 562-3252

#AEC1882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD

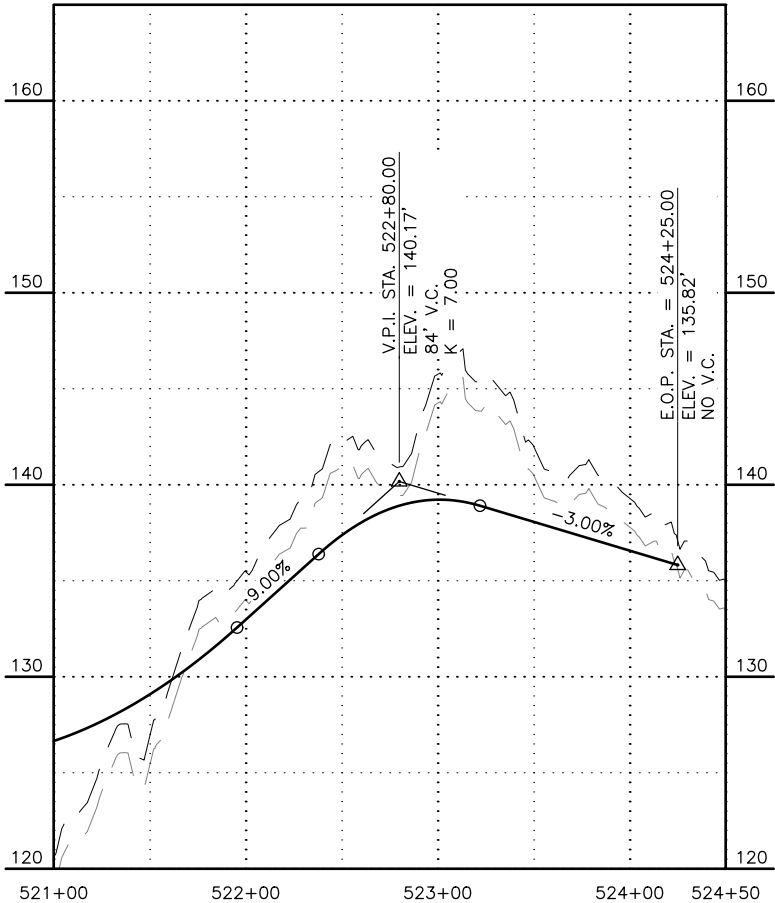
EXTENSION

MILE 2.0 TO 4.5

PLAN AND PROFILE

ACCESS ROAD

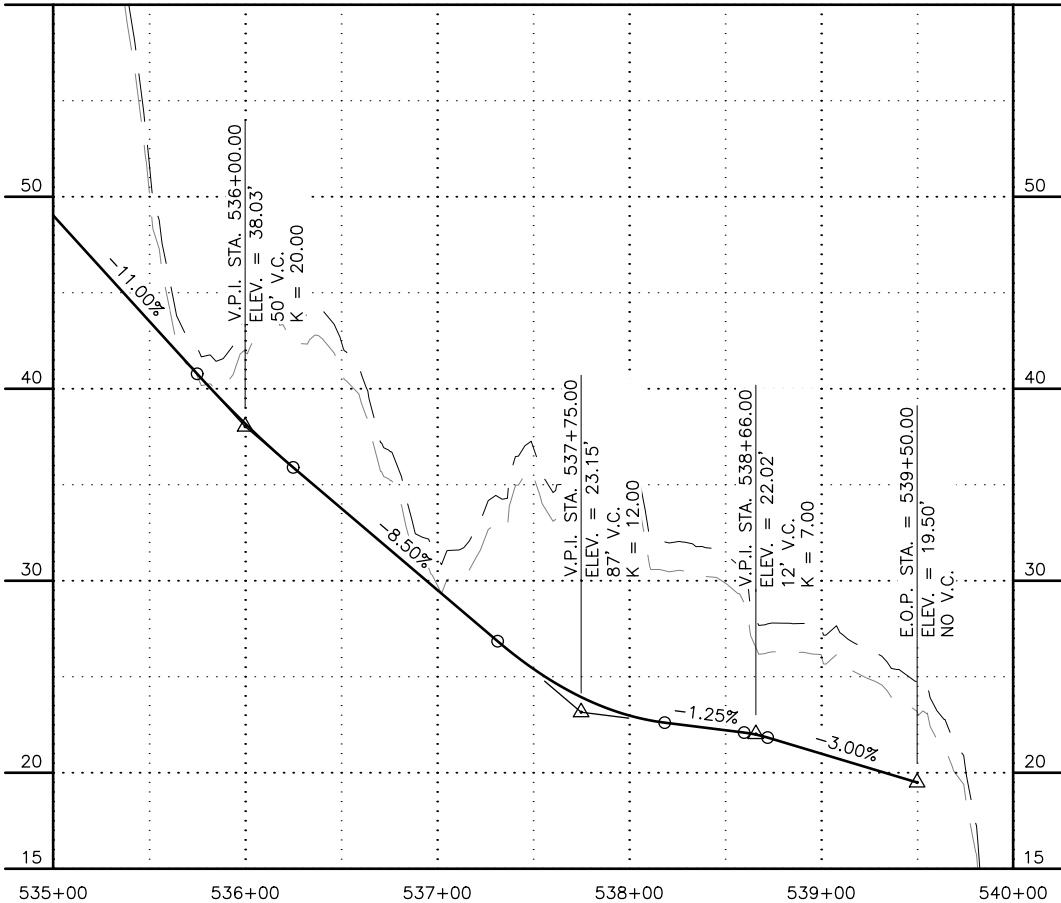
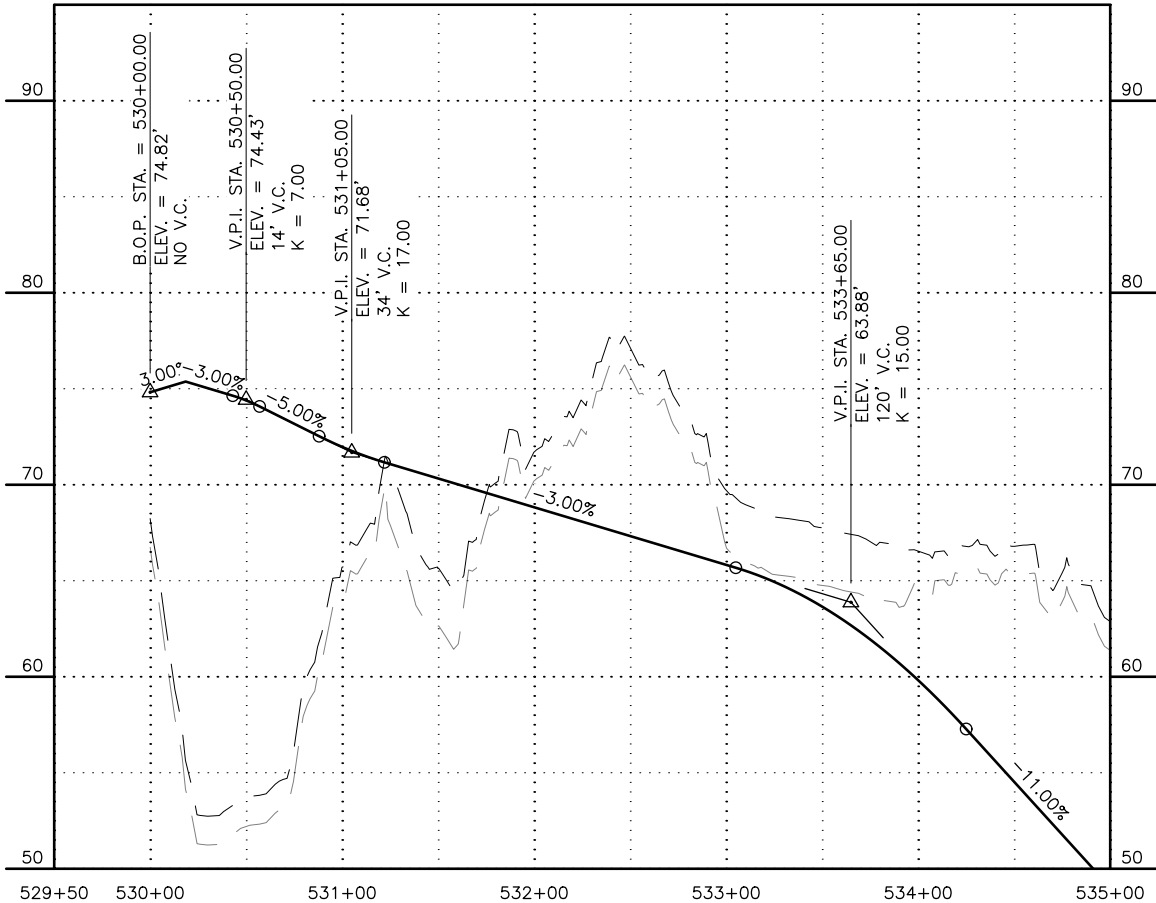
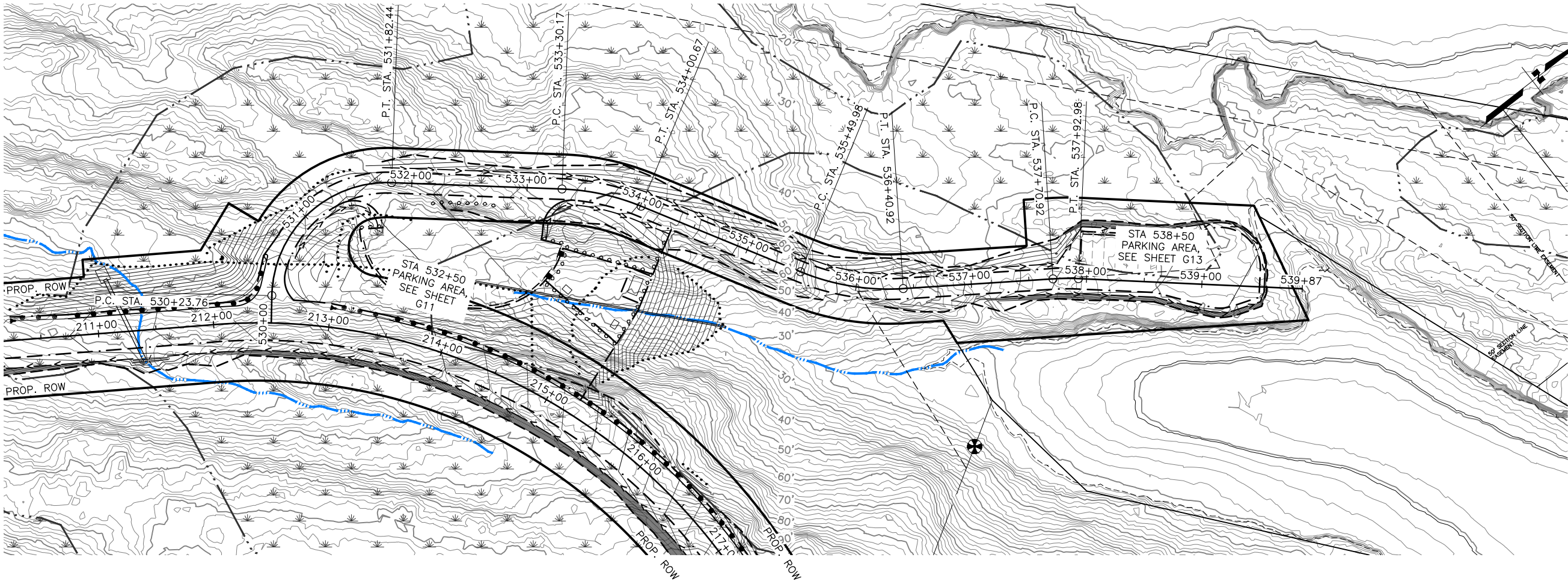
STA 510+00 TO 521+00



SHEET NO.	TOTAL SHEETS
F26	F27
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
PLAN AND PROFILE
ACCESS ROAD
STA 521+00 TO 524+25



SHEET NO.
F27

TOTAL SHEETS
F27

STATE
ALASKA

YEAR
2022

PROJECT DESIGNATION
XXXX(XXX)/XXXXXXXXXX

NO.
DATE

REVISION

NO.
DATE

REVISION

NO.
DATE

REVISION

CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD., SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

PLAN AND PROFILE

ACCESS ROAD
STA 530+00 TO 539+50

DESIGNED BY
CHECKED BY
DRAFTED BY

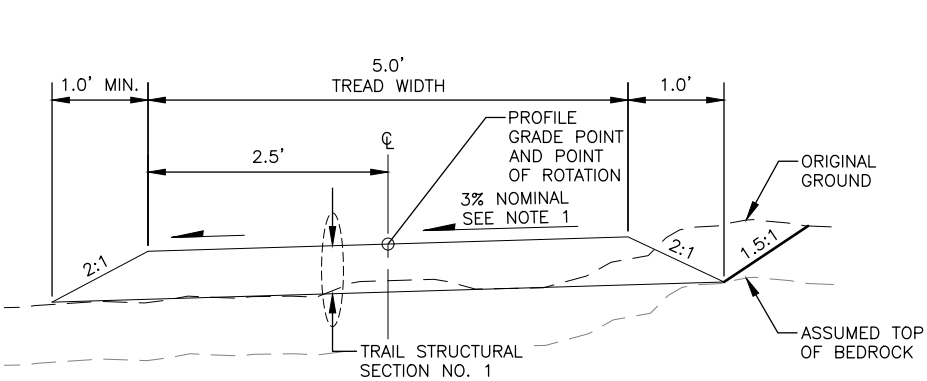
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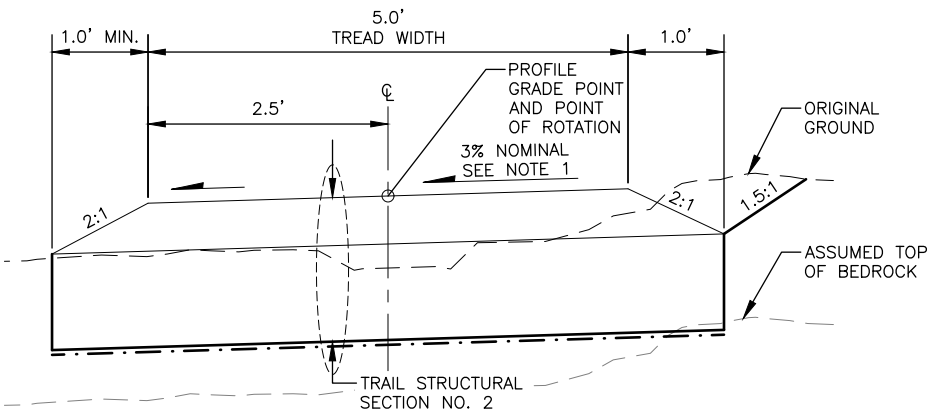
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	XXXX(XXX)/ XXXXXXXXXX	2022	T2	T13



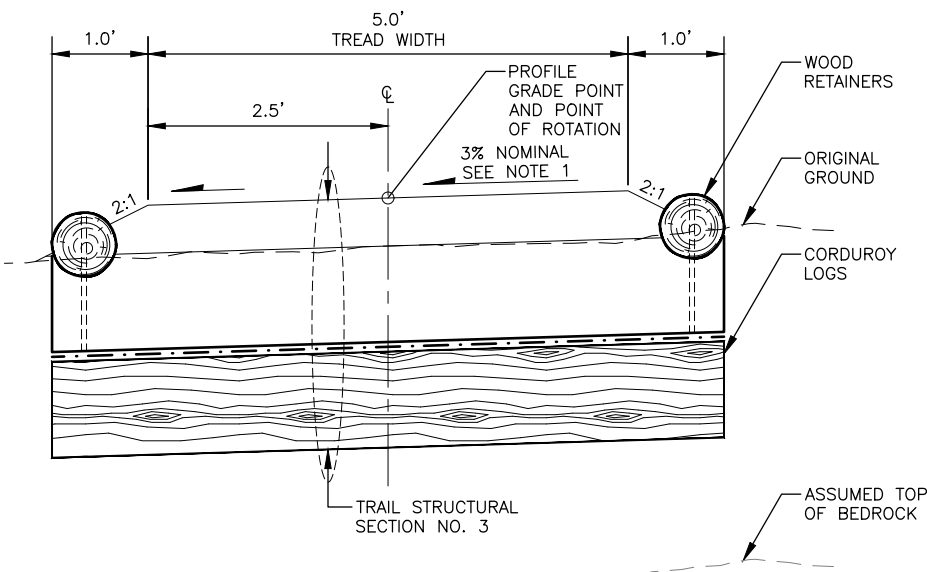
RAISED TRAIL (RT)

SEE TABLES



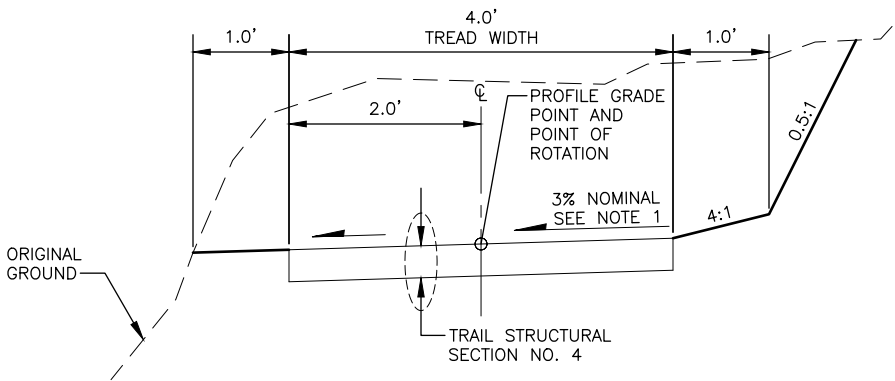
RAISED TRAIL WITH SELECTED MATERIAL (RT W/SM)

SEE TABLES



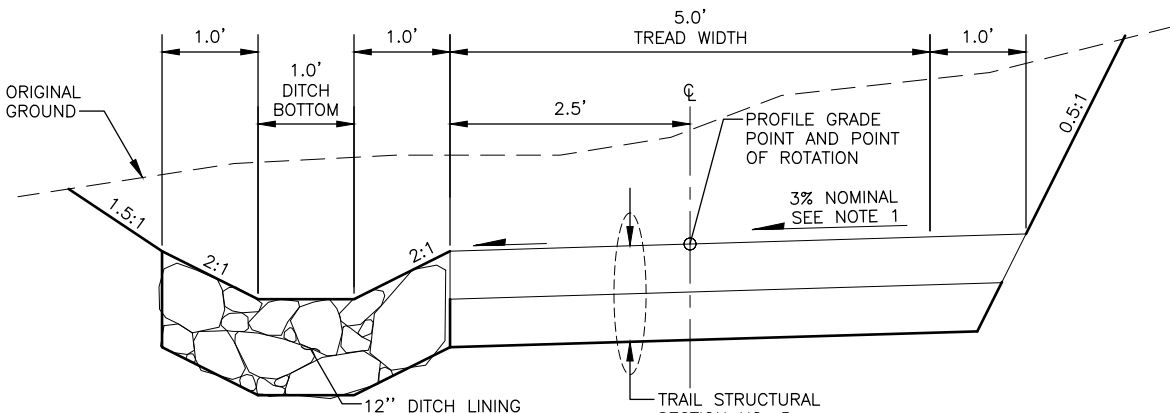
RAISED TRAIL WITH CORDUROY (RT W/C)

SEE TABLES



EXCAVATED TRAIL IN ROCK (ET I/R)

SEE TABLES

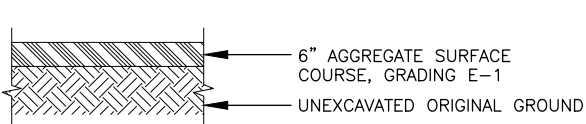


EXCAVATED TRAIL (ET)

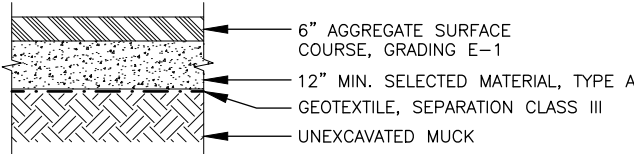
SEE TABLES

NOTES:

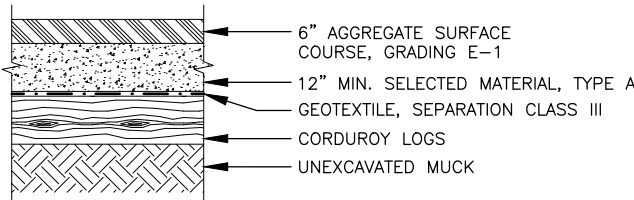
- TRAIL CROSS SLOPE SHALL BE 3% NOMINAL, 5% MAXIMUM. SLOPE TRAIL TOWARD SIDE WITH LOWER ADJACENT TERRAIN. CHANGE CROSS SLOPE OVER FIVE FEET. DECREASE TRAIL CROSS SLOPE TO 2% MAXIMUM FOR CLASS IV – NEW TRAIL CONSTRUCTED IN COMPLIANCE WITH 2015 ARCHITECTURAL BARRIER’S ACT.
- PLACE SELECTED MATERIAL IN 4” LIFTS, COMPACTING EACH LIFT WITH 3 PASSES OF A PLATE COMPACTOR. PLACE AGGREGATE SURFACE COURSE IN 3” LIFTS, COMPACTING EACH LIFT WITH 3 PASSES OF A PLATE COMPACTOR.
- DISPOSE OF MAXIMUM 4” VEGETATIVE MAT OR MUCK ALONG FORESLOPES OF TRAIL SURFACE COURSE WITHOUT CONTINUOUS DITCHES. DISPOSE OF CLEARING AND GRUBBING DEBRIS WITH WOOD PARTICLES LESS THAN 2” IN DIAMETER ALONG BACKSLOPES OF TRAIL CUTS WITHOUT CONTINUOUS DITCHES. LINE CONTINUOUS DITCHES WITH 12” THICKNESS OF WELL-GRADED SHOT ROCK LESS THAN 12” IN DIAMETER.
- RAISED TRAIL SHALL BE CONSTRUCTED IN DRY SEGMENTS WITH MINIMAL OVERBURDEN. REMOVE EXISTING GEOTEXTILE AND SPREAD EXISTING ROCK SURFACE COURSE IN AN EVEN LAYER PRIOR TO PLACING AGGREGATE SURFACE COURSE. REMOVE ALL ROOTS EXTENDING MORE THAN 4” ABOVE ORIGINAL GROUND. INCREASE DEPTH OF AGGREGATE SURFACE COURSE IN ORDER TO ACHIEVE MINIMUM 4” COVER OVER ALL REMAINING ROOTS.
- RAISED TRAIL WITH SELECTED MATERIAL SHALL BE CONSTRUCTED IN SEGMENTS WITH UP TO 2’ OF OVERBURDEN, CONSISTENT WITH FORESTED AREAS. GRUB AND EXCAVATE MUCK A MINIMUM 12” BELOW ORIGINAL GROUND PRIOR TO PLACING GEOTEXTILE. DECREASE EXCAVATION DEPTH AS NECESSARY WHEN ENCOUNTERING SHALLOW BEDROCK, MAINTAINING A MINIMUM OF 6” SELECTED MATERIAL. MAINTAIN GEOTEXTILE OVER SECTIONS OF SHALLOW BEDROCK LESS THAN 10’ LONG.
- RAISED TRAIL WITH CORDUROY SHALL BE CONSTRUCTED IN SEGMENTS WITH MORE THAN 2’ OF OVERBURDEN, CONSISTENT WITH OPEN WETLAND AREAS. GRUB AND EXCAVATE MUCK A MINIMUM 18” BELOW ORIGINAL GROUND PRIOR TO PLACING CORDUROY. CORDUROY SHALL CONSIST OF 8–12” DIAMETER LOGS, SOURCED FROM PROJECT CLEARING ACTIVITIES, AND CUT TO FIT TRENCH WIDTH. LOGS SHALL BE SOUND, FREE OF ANY ROT, LIMBED FLUSH, FREE OF ANY PROTRUSIONS THAT WOULD PENETRATE GEOTEXTILE, AND STRAIGHT. PLACE LOGS PERPENDICULAR TO THE TRAIL, IN CONTACT WITH ADJACENT LOGS, AND WITH NO GAPS BETWEEN LOGS GREATER THAN 2”. WORK LOGS INTO UNEXCAVATED MUCK TO ESTABLISH FIRM SUBGRADE AT LEAST 12” BELOW ORIGINAL GROUND. PLACE ADDITIONAL COURSES OF LOGS AS NECESSARY. USE EXCAVATED MUCK TO FILL IN GAPS BETWEEN LOGS AND COURSES PRIOR TO PLACING GEOTEXTILE. PRIOR TO PLACING AGGREGATE SURFACE COURSE, INSTALL WOOD RETAINERS, EMBEDDING APPROXIMATELY 1/3 OF LOG DIAMETER BELOW TOP OF SELECTED MATERIAL. WOOD RETAINERS SHALL CONSIST OF 8–12” DIAMETER LOGS, SOURCED FROM PROJECT CLEARING ACTIVITIES, MINIMUM 8’ LENGTHS. LOGS SHALL BE SOUND, FREE OF ANY ROT, LIMBED FLUSH, STRAIGHT, AND WITH MINIMAL MARKING OR DEFACEMENT. PLACE LOGS PARALLEL TO AND ON BOTH SIDES OF THE TRAIL EXCAVATION, ANCHORING WITH NO. 5 REBAR AS SHOWN EVERY 36”.
- EXCAVATED TRAIL SHALL BE CONSTRUCTED WHERE TRAIL FINISHED GRADE IS CUT BELOW ORIGINAL GROUND TO FLATTEN STEEP DESCENTS, GENERALLY IN SEGMENTS WITH LESS THAN 2’ OF OVERBURDEN. WHERE BEDROCK IS MORE THAN 18” BELOW FINISH GRADE, GRUB AND EXCAVATE MUCK A MINIMUM 12” BELOW ORIGINAL GROUND AND PLACE GEOTEXTILE. DECREASE EXCAVATION DEPTH AS NECESSARY WHEN BEDROCK IS LESS THAN 18” BELOW FINISH GRADE, EXCAVATE BEDROCK AS NEEDED TO MAINTAIN A MINIMUM OF 6” SELECTED MATERIAL. MAINTAIN GEOTEXTILE OVER SECTIONS OF SHALLOW BEDROCK LESS THAN 10’ LONG.



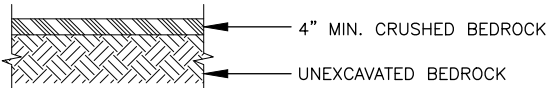
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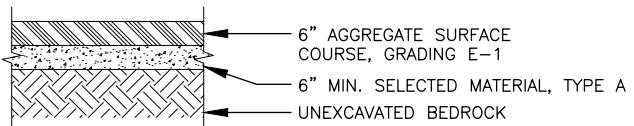
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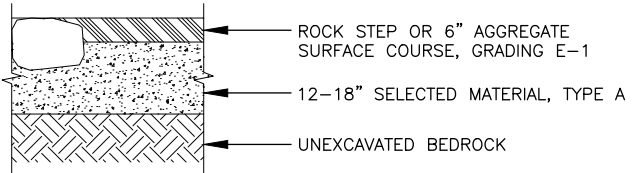
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TRAIL STRUCTURAL SECTION NO. 4



TRAIL STRUCTURAL SECTION NO. 5



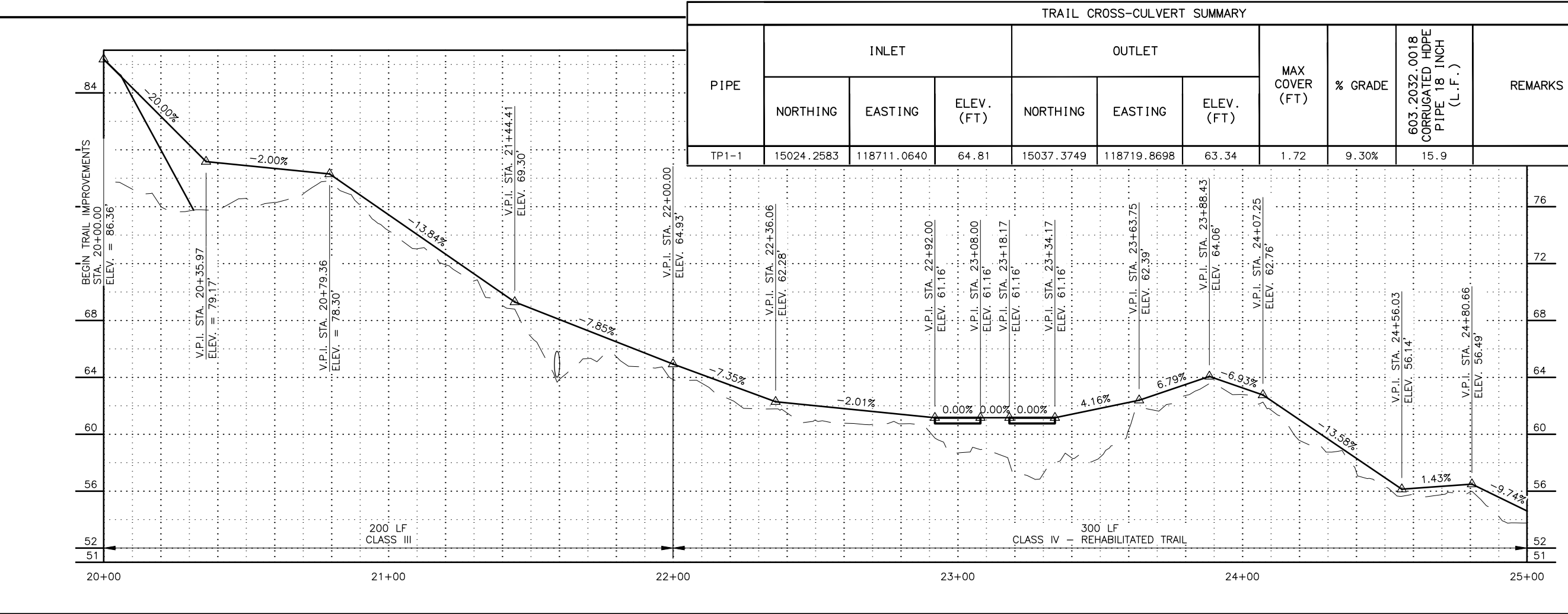
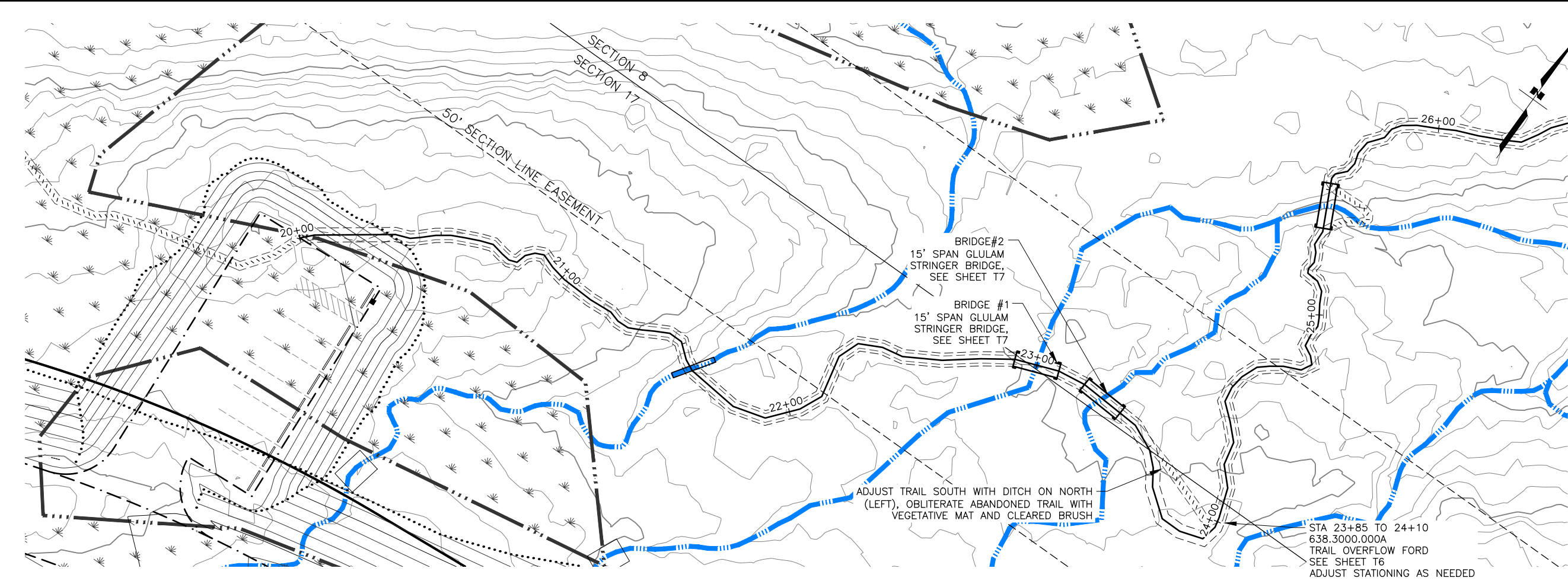
TRAIL STRUCTURAL SECTION NO. 6



CRW ENGINEERING GROUP, LLC
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(907) 562-3252
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SHOTGUN COVE ROAD EXTENSION
MILE 2.0 TO 4.5**

TRAIL TYPICAL SECTIONS



TRAIL CROSS-CULVERT SUMMARY										
PIPE	INLET			OUTLET			MAX COVER (FT)	% GRADE	603.2032.0018 CORRUGATED HDPE PIPE 18 INCH (L.F.)	REMARKS
	NORTHING	EASTING	ELEV. (FT)	NORTHING	EASTING	ELEV. (FT)				
TP1-1	15024.2583	118711.0640	64.81	15037.3749	118719.8698	63.34	1.72	9.30%	15.9	

SHEET NO.
T8

TOTAL SHEETS
T13

STATE
ALASKA

YEAR
2021

PROJECT DESIGNATION
XXXX(XXX)/XXXXXXXXXX

NO.
DATE

REVISION

NO.
DATE

REVISION

NO.
DATE

REVISION


Colin M. Singleton
CE-124820
REGISTERED PROFESSIONAL ENGINEER

CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5**
**WATERFALL TRAIL
STA 20+00 TO 25+00**

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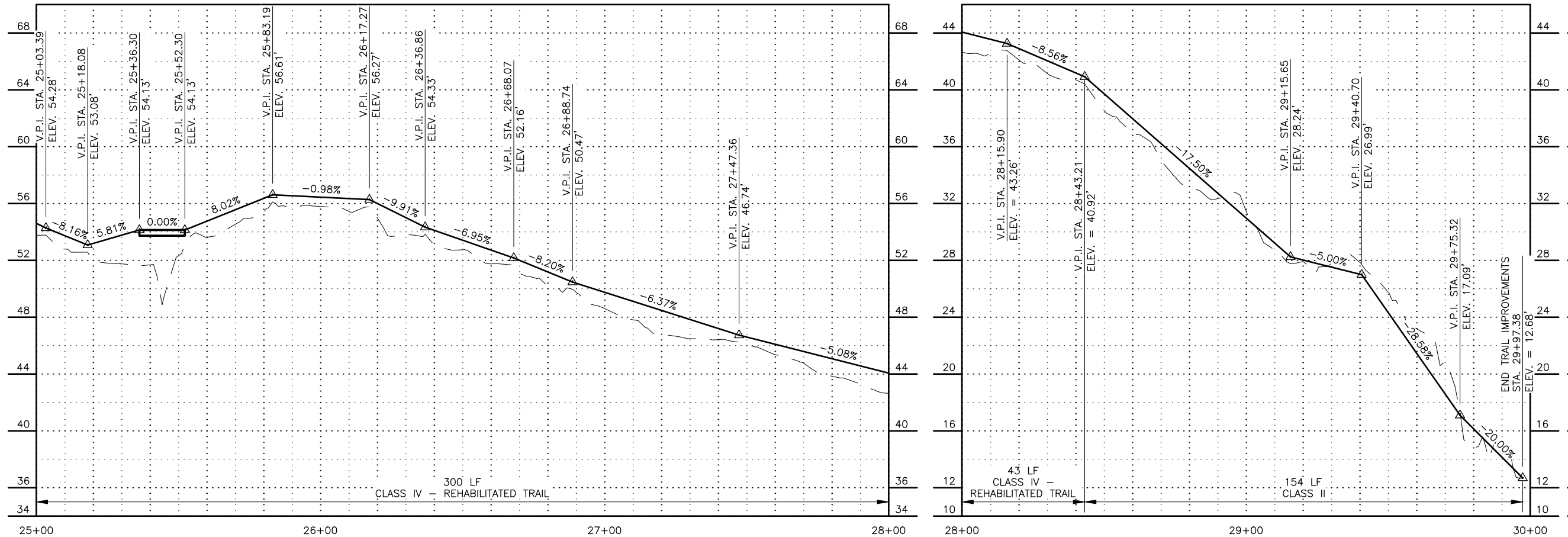
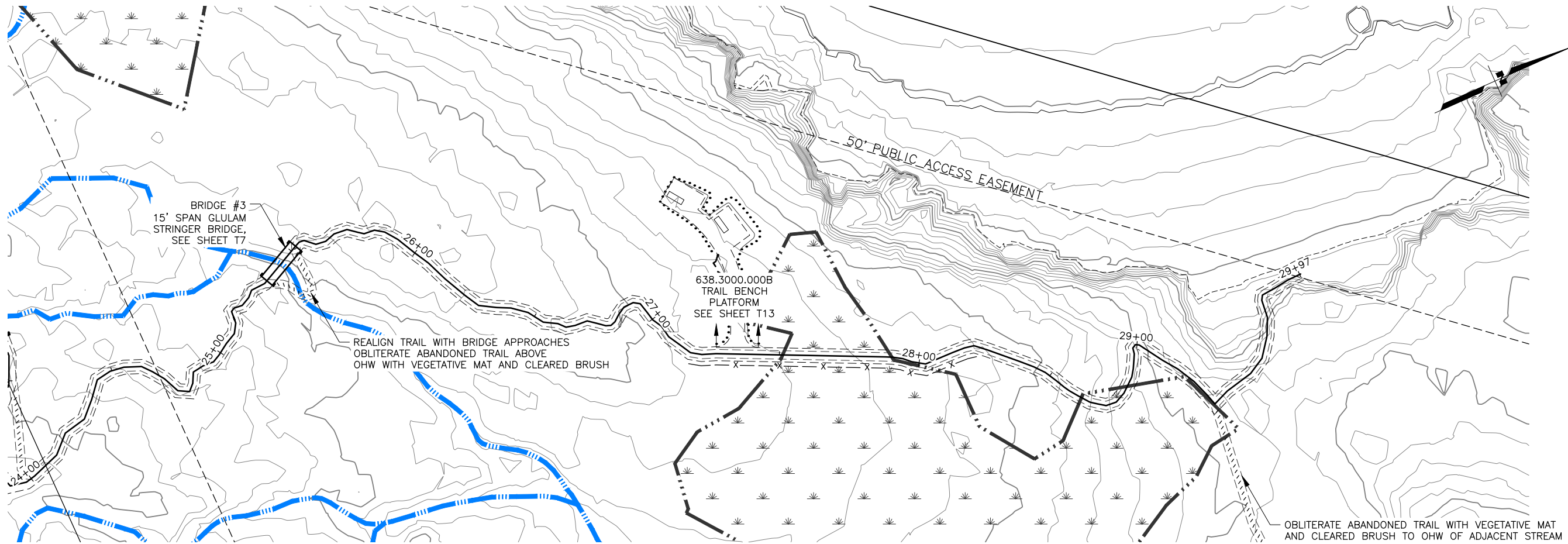
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DESIGNED BY
CHECKED BY
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SCALE

DATE
8/3/2022 4:16 PM

TIME



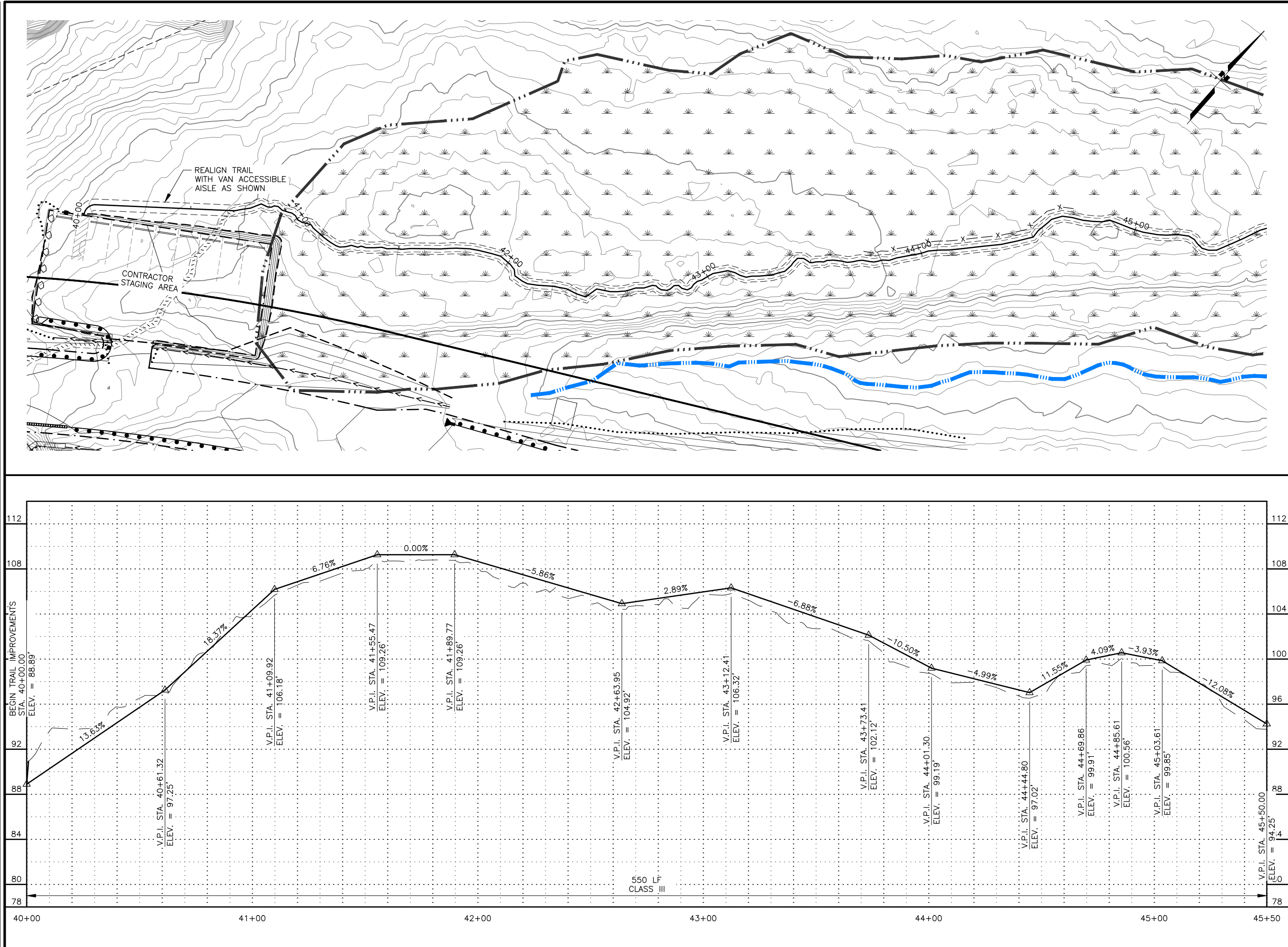
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PROJECT DESIGNATION			
XXXX(XXX)/XXXXXXXXXX			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
WATERFALL TRAIL
STA 25+00 TO 30+05

DRAWING LOCATION	DATE	TIME	SCALE	DESIGNED BY
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SHEET NO.		TOTAL SHEETS			
T10		T13			
STATE		YEAR			
ALASKA		2022			
PROJECT DESIGNATION					
XXXX(XXX)/ XXXXXXXXXXXX					
NO.	REVISION				
DATE					
NO.				REVISION	
DATE					
NO.	REVISION				
DATE					
NO.			REVISION		
DATE					



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
LAGOON TRAIL
STA 40+00 TO 45+00

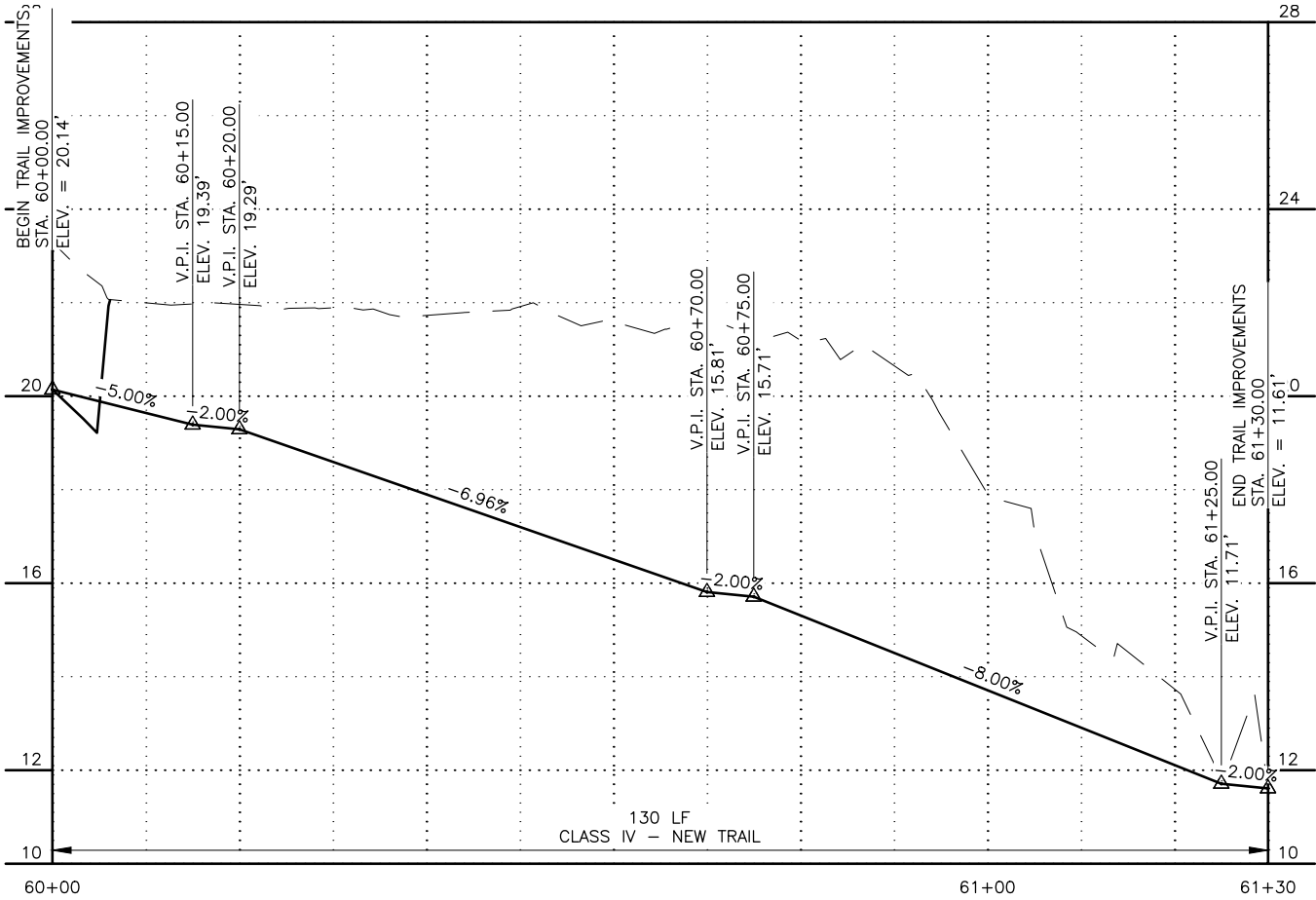
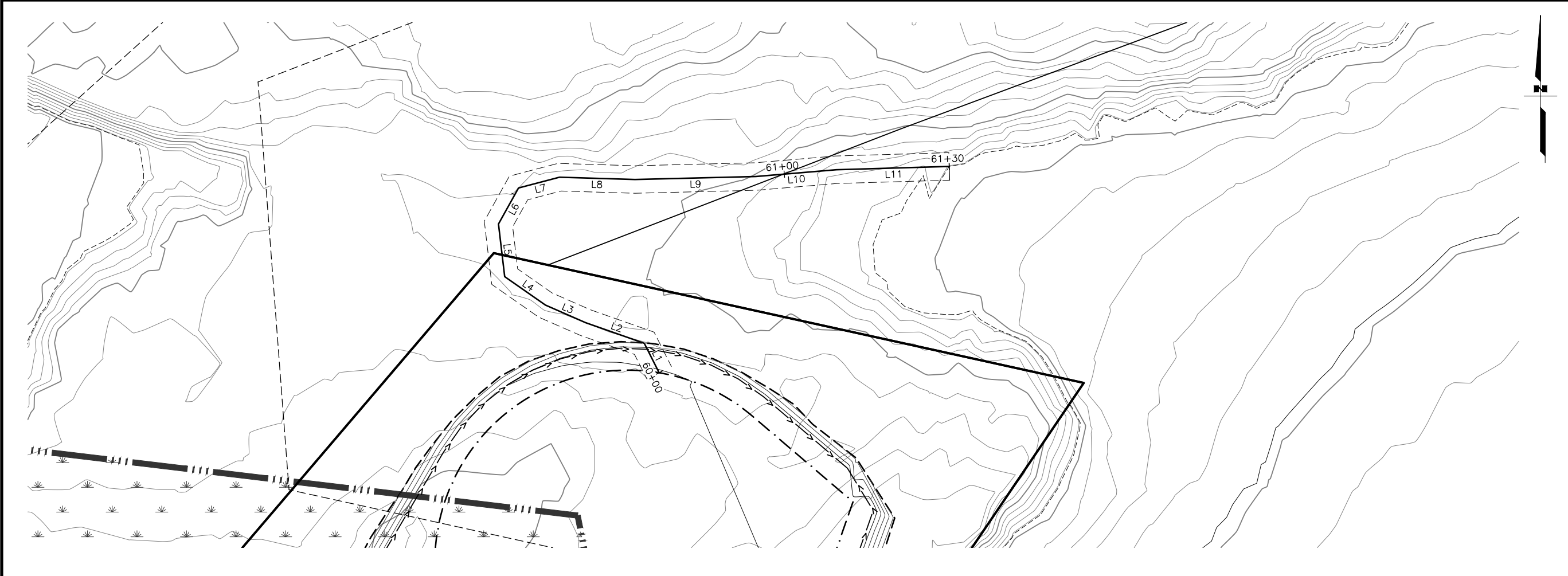
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SCALE

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TIME

DRAWING LOCATION
J:\JOBS\DATA\20403.02 SHOTGUN COVE ROAD\00 CADD\01 WORKING SET\01 CIVIL\02 DESIGN\20403.02 TRAIL PLAN AND PROFILE.DWG



LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	6.00'	N26° 43' 12.29"W
L2	11.29'	N70° 38' 46.62"W
L3	7.97'	N66° 21' 21.37"W
L4	9.04'	N55° 04' 04.47"W
L5	9.63'	N06° 43' 43.57"W
L6	7.49'	N29° 04' 04.89"E
L7	7.70'	N75° 16' 46.31"E
L8	13.72'	S88° 16' 03.54"E
L9	21.94'	N88° 35' 27.25"E
L10	14.71'	N85° 11' 14.78"E
L11	20.51'	N88° 19' 05.91"E

SHEET NO.
T12

STATE
ALASKA

TOTAL SHEETS
T13

YEAR
2022

PROJECT DESIGNATION
XXXX(XXX)/XXXXXXXXXX

NO.
DATE

REVISION

NO.
DATE

REVISION

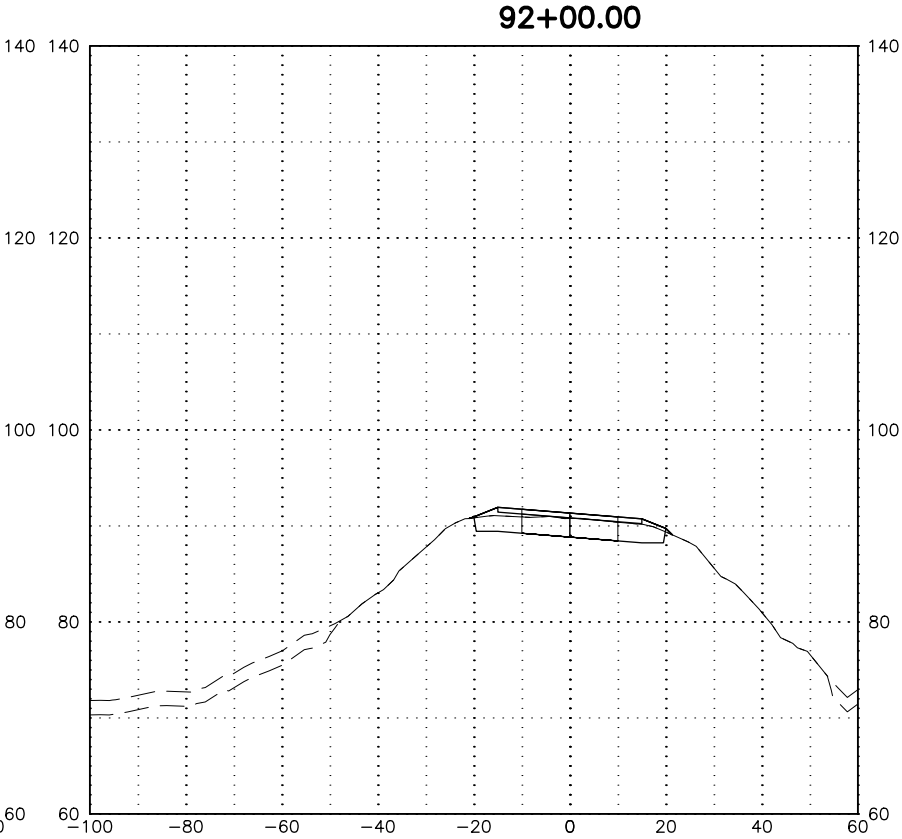
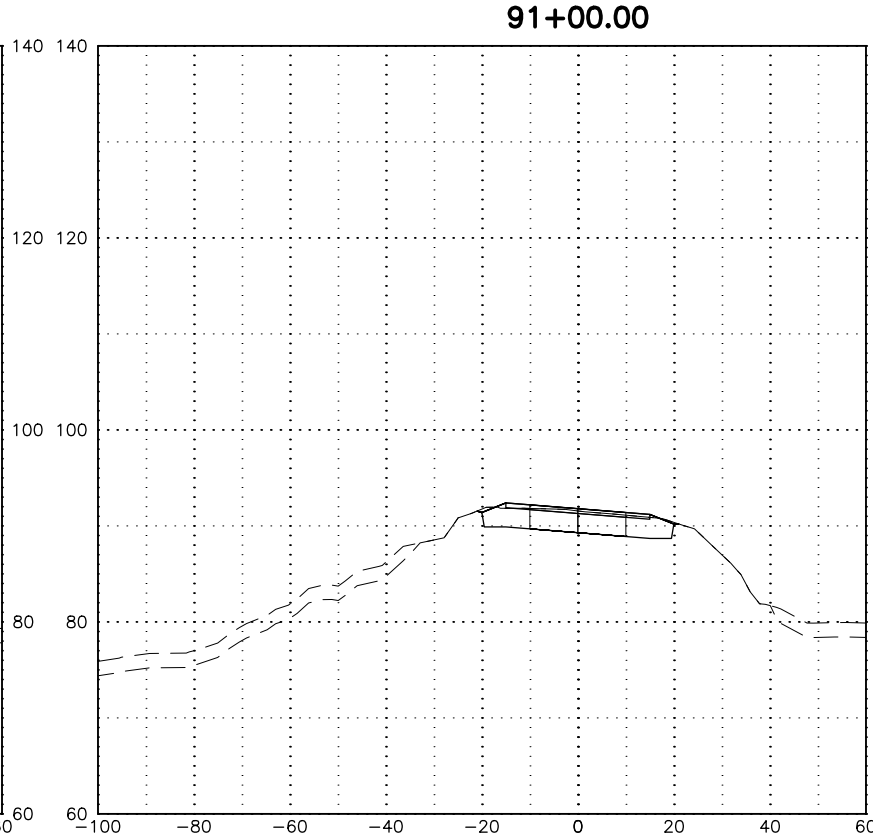
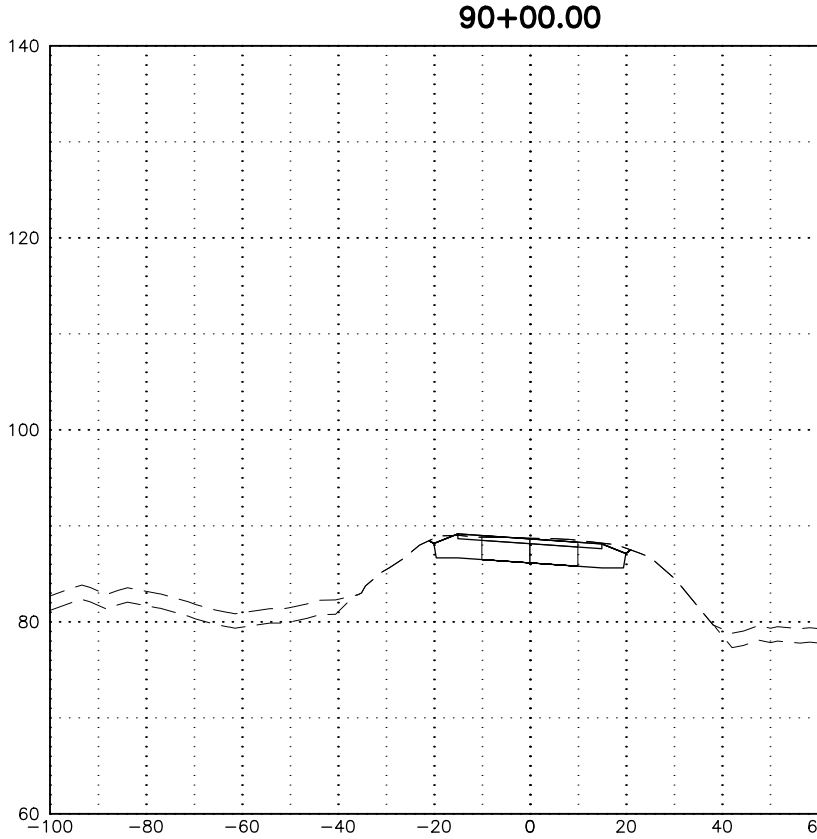
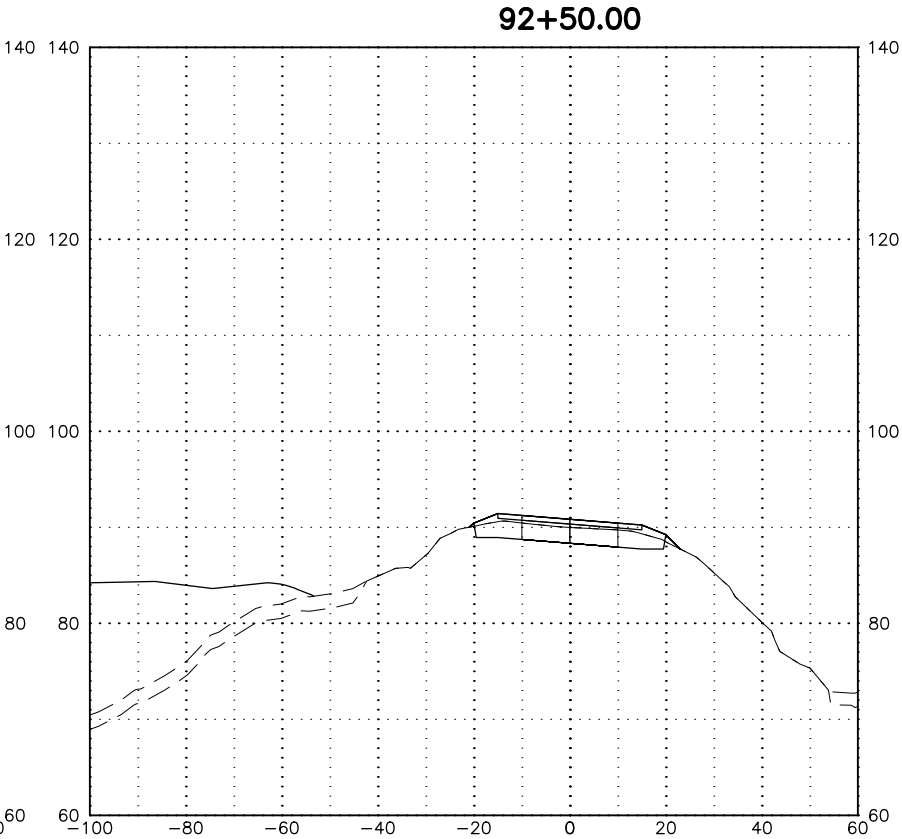
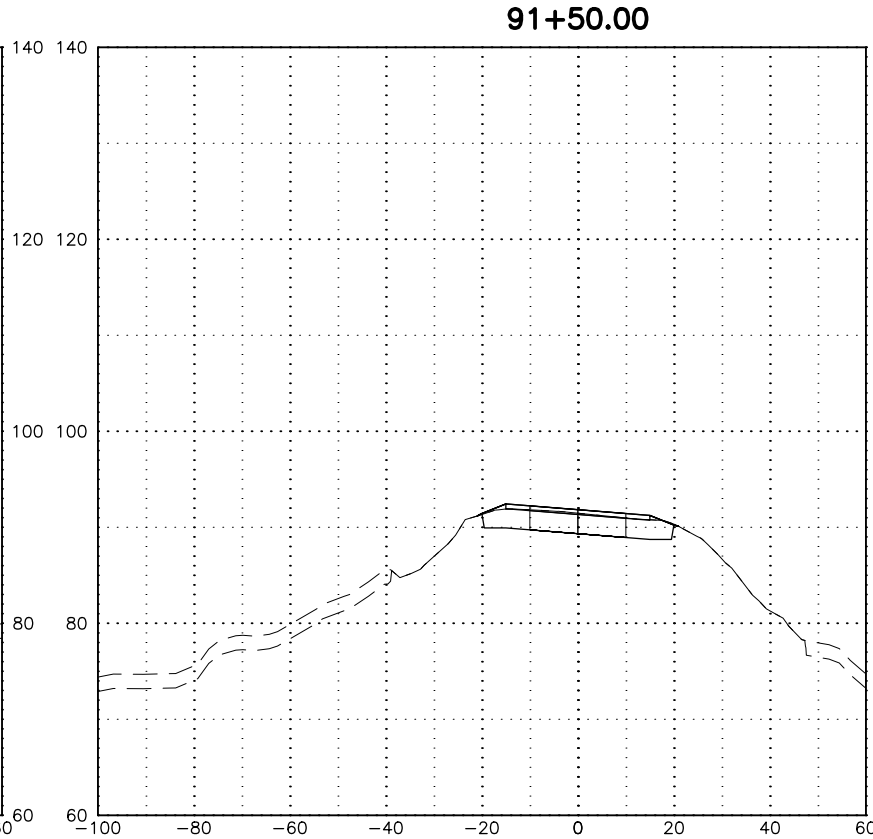
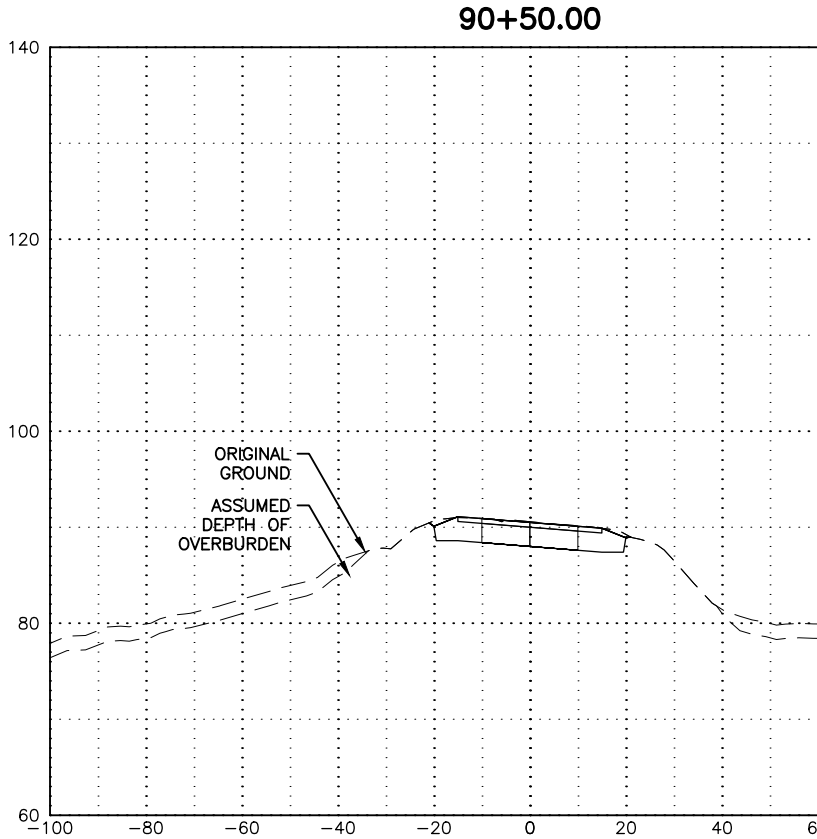
NO.
DATE

REVISION

STATE OF ALASKA
49TH
REGISTERED PROFESSIONAL ENGINEER
Colin M. Singleton
CE-124820

CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD., SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
KAYAK TRAIL
STA 60+00 TO 61+30



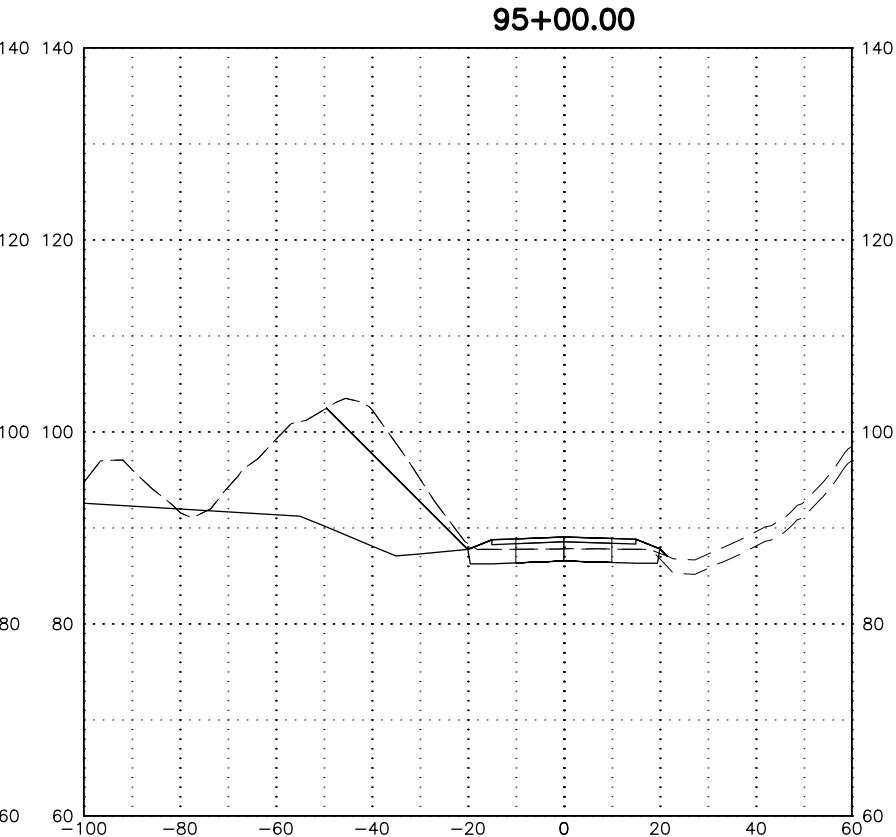
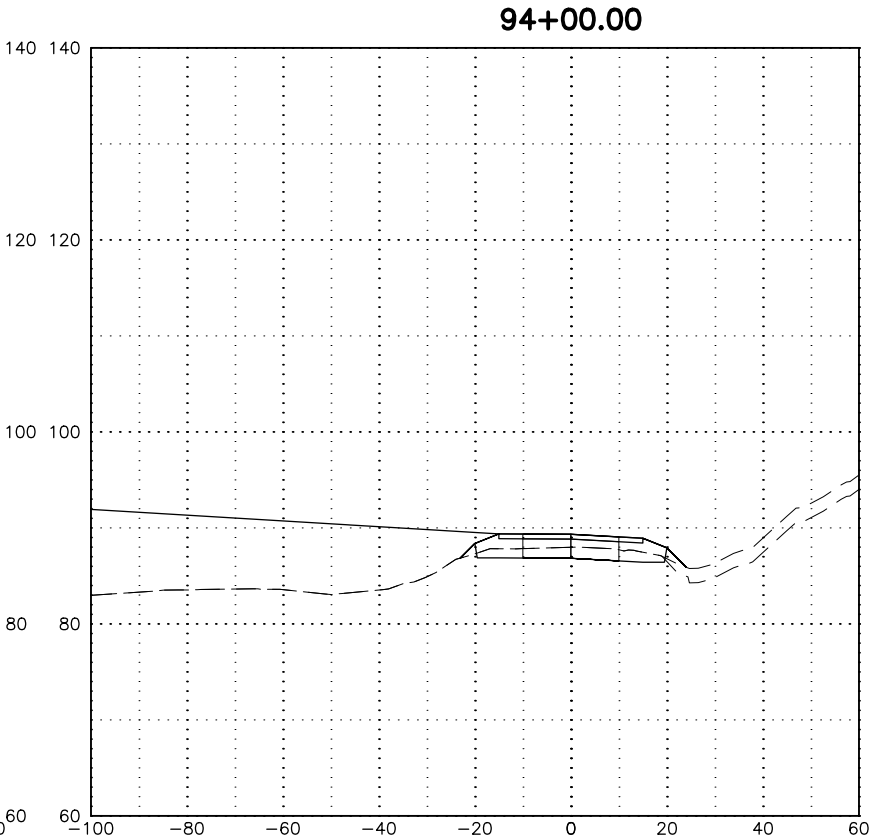
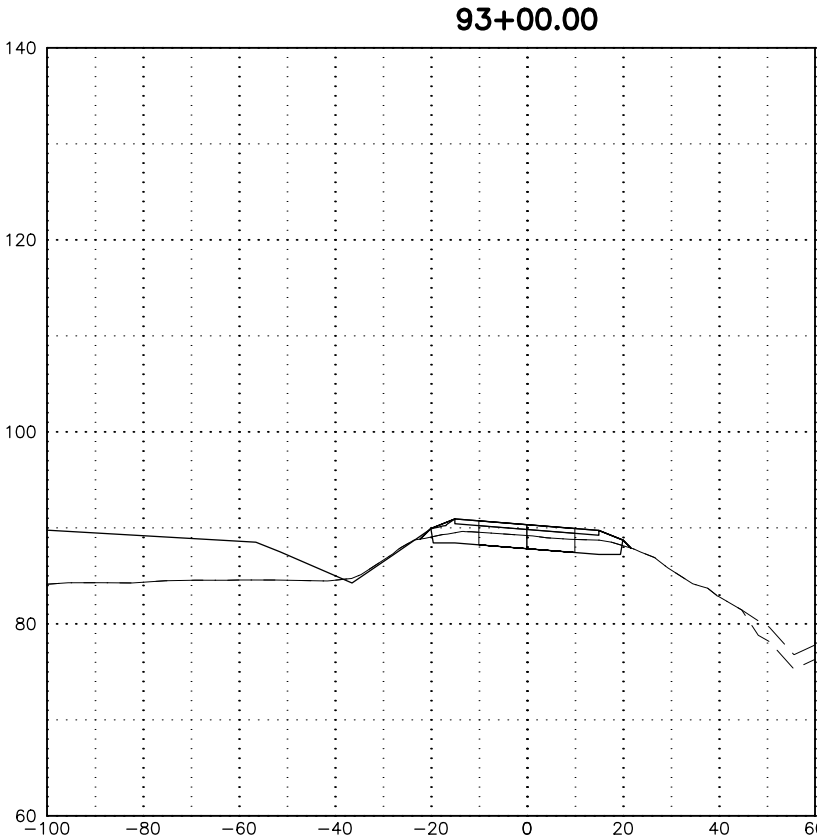
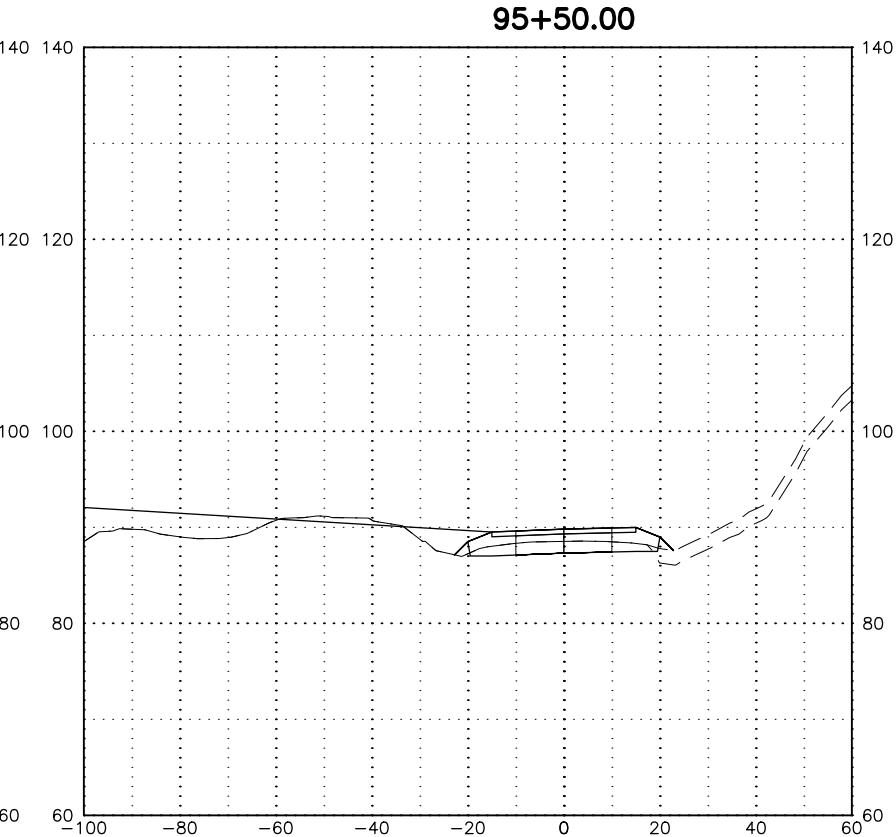
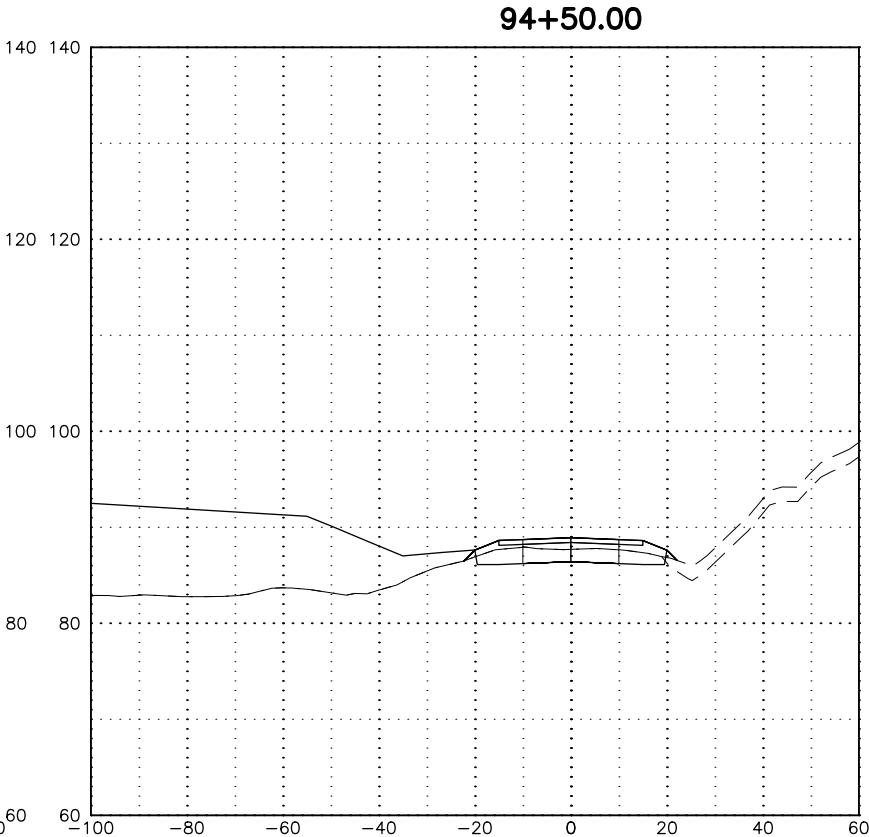
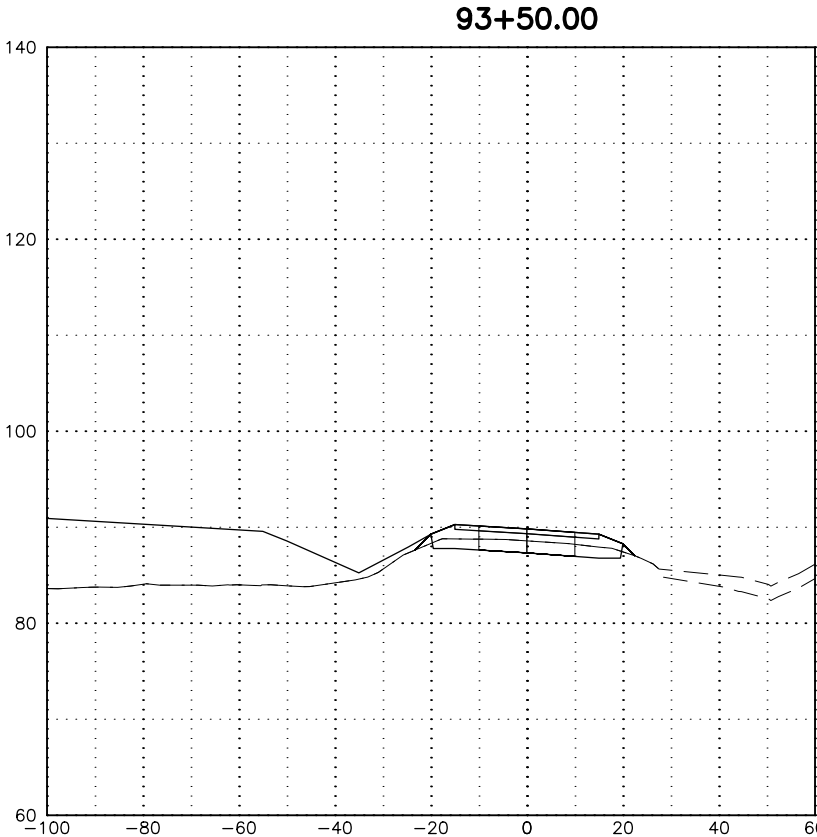
SHEET NO.	TOTAL SHEETS
X1	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



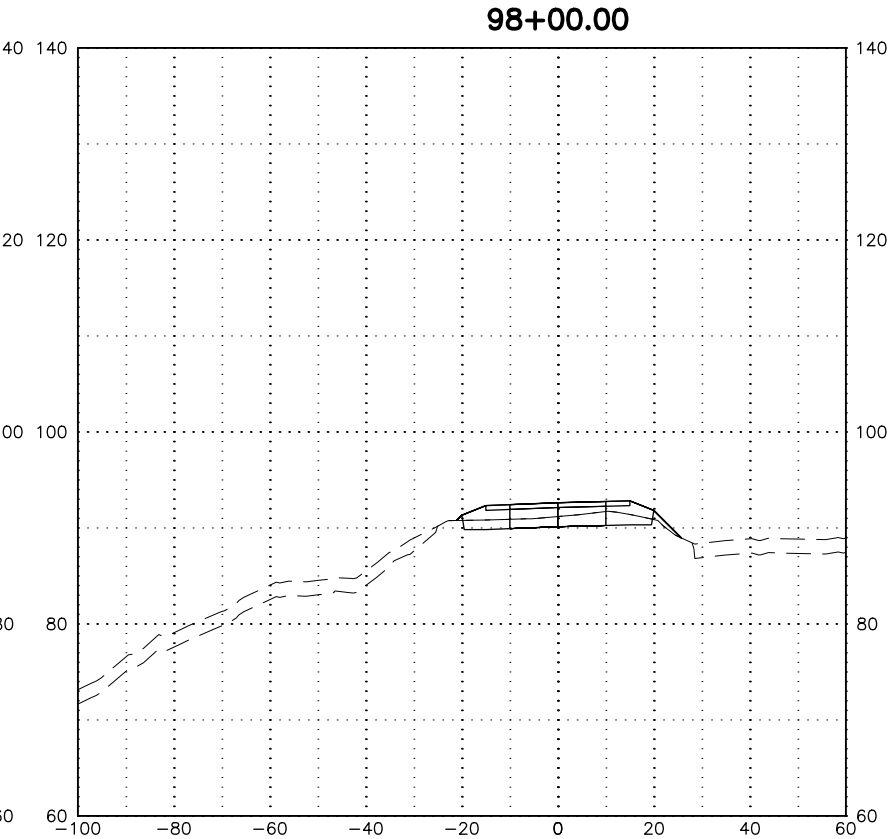
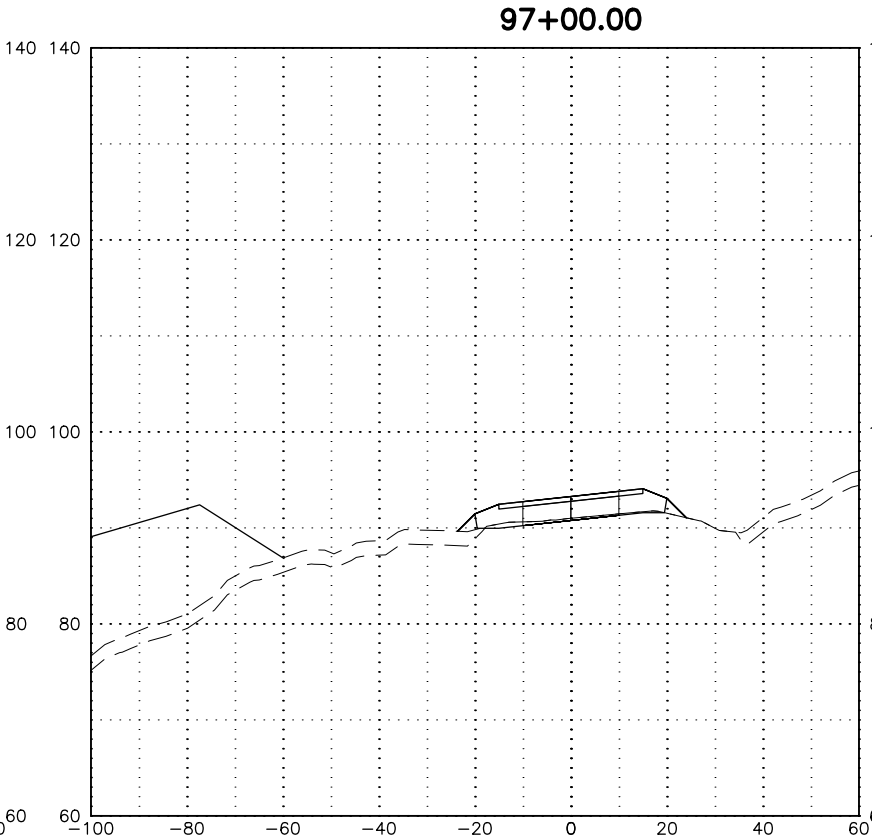
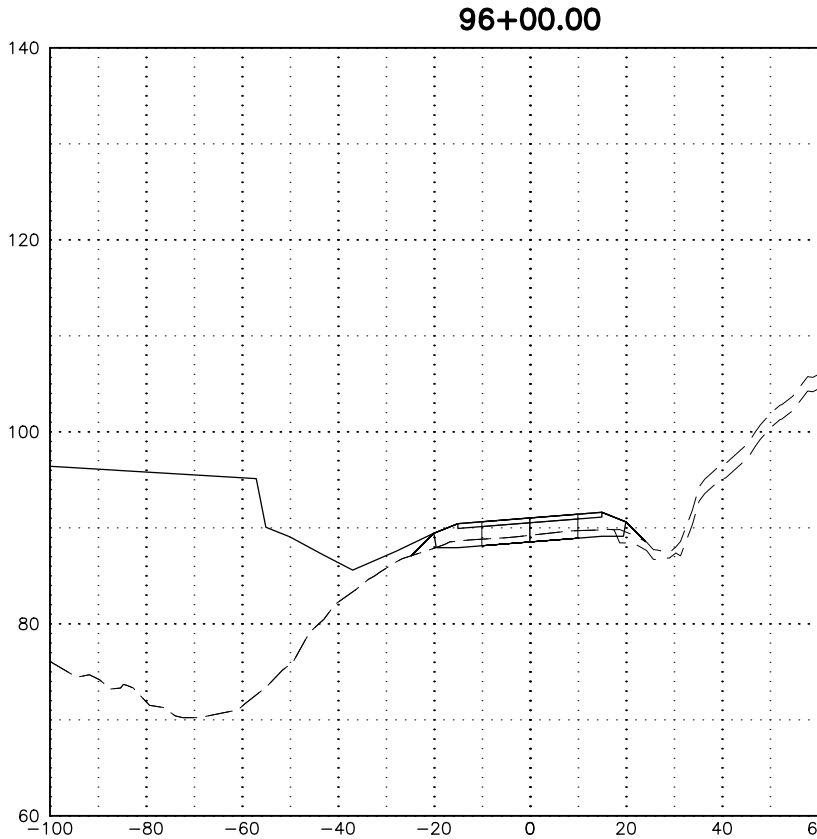
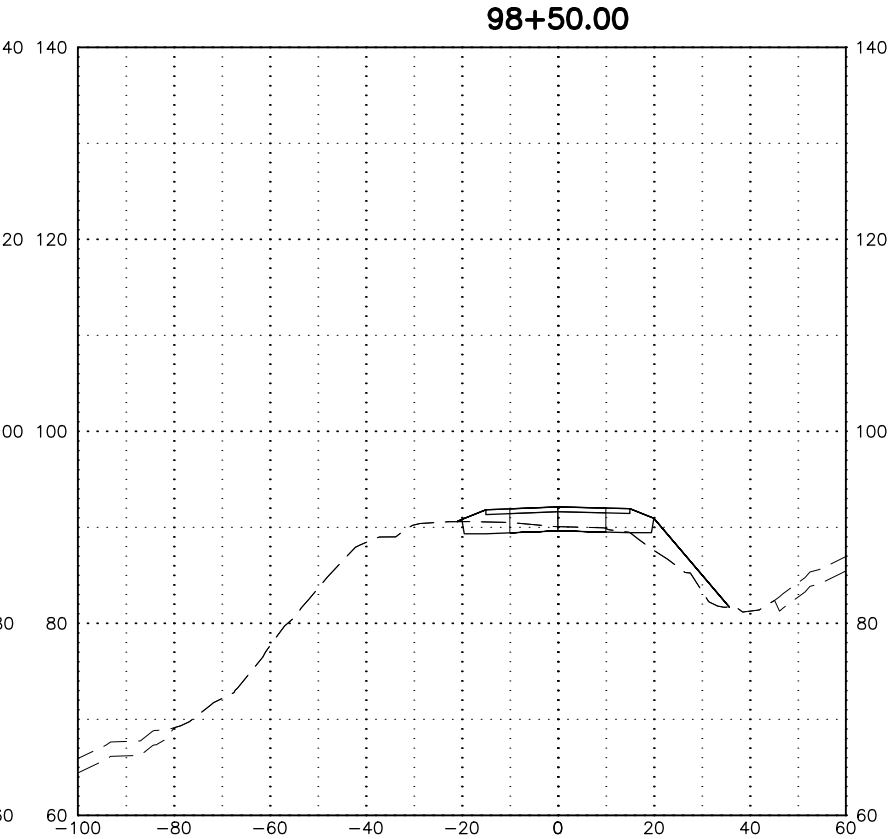
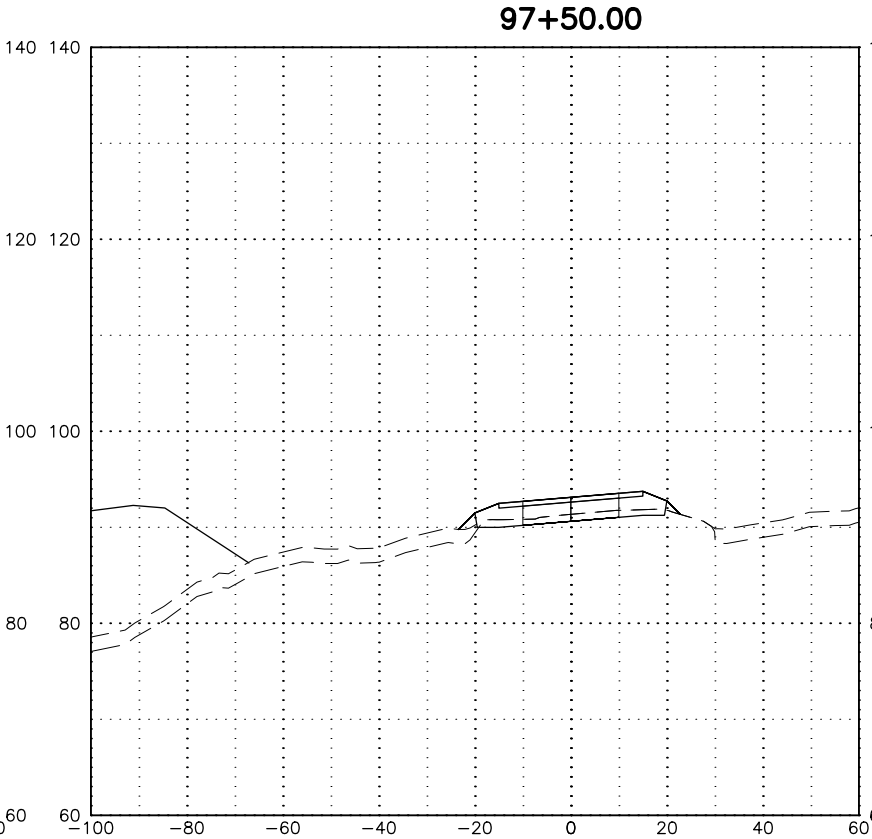
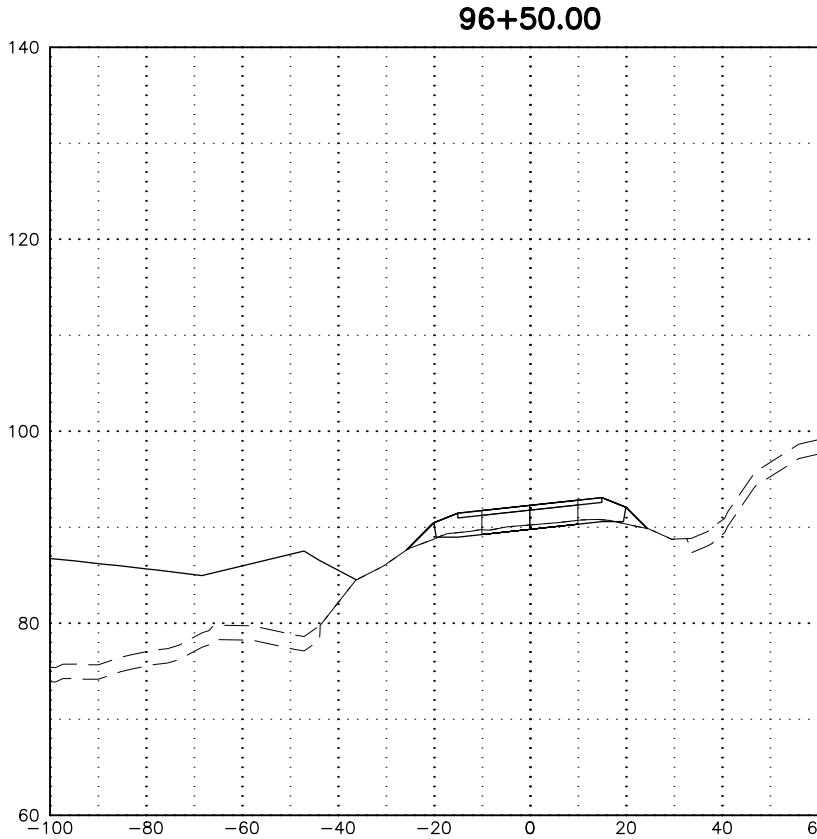
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X2	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

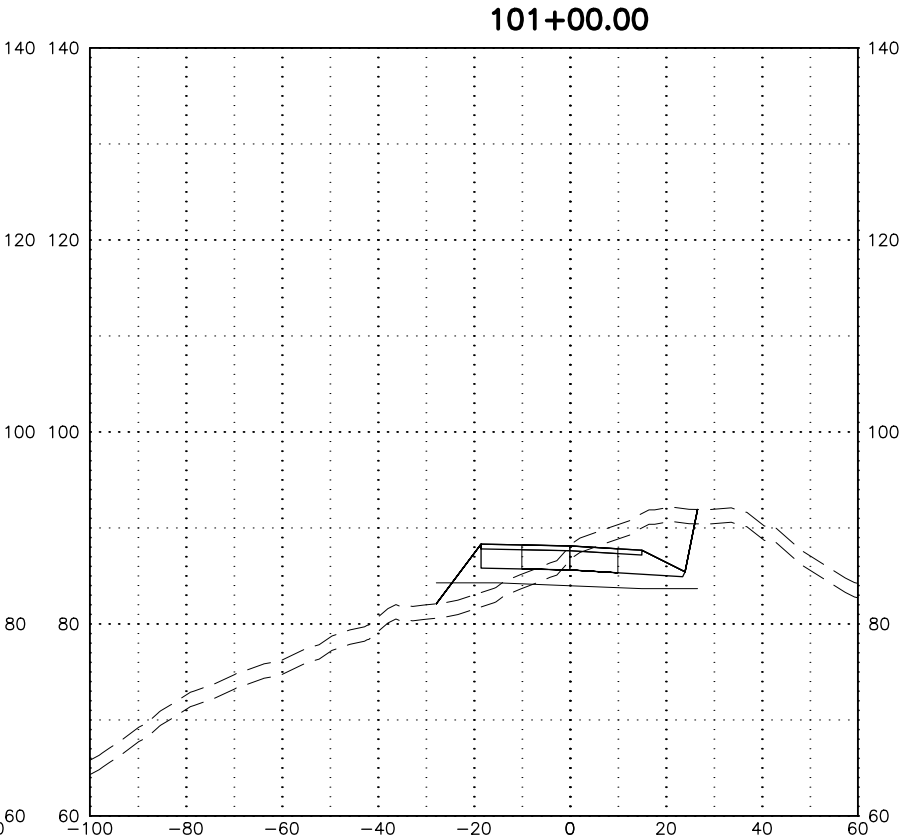
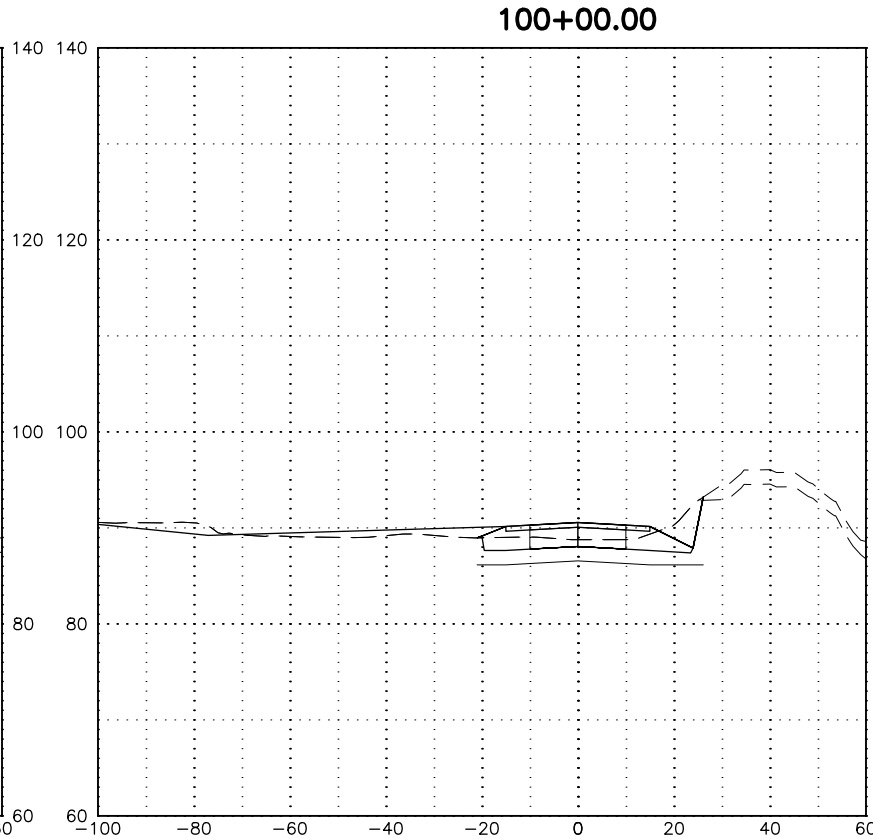
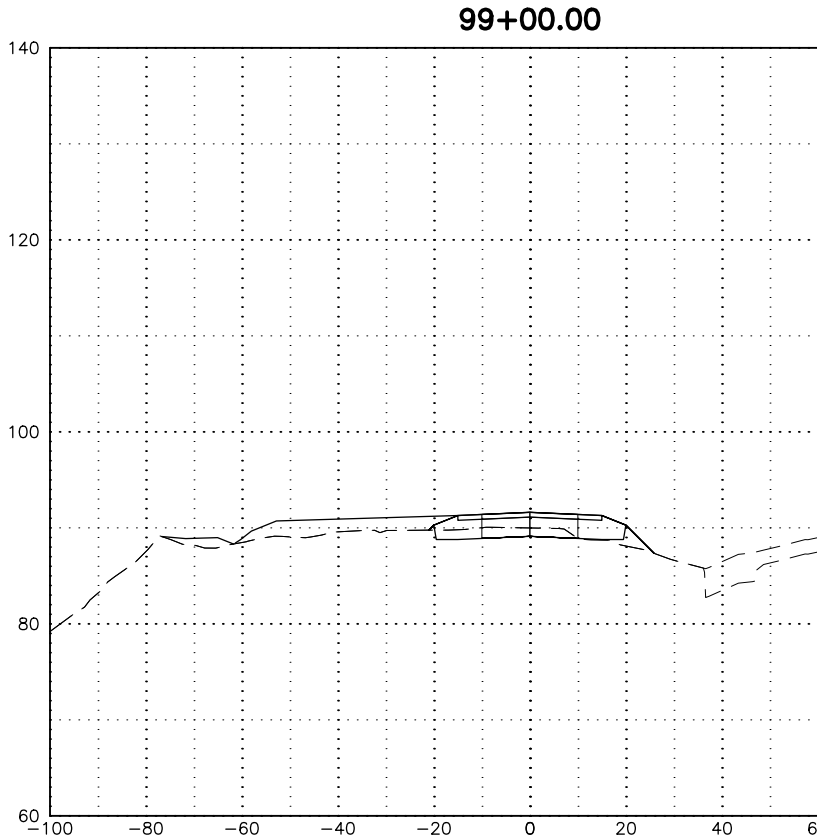
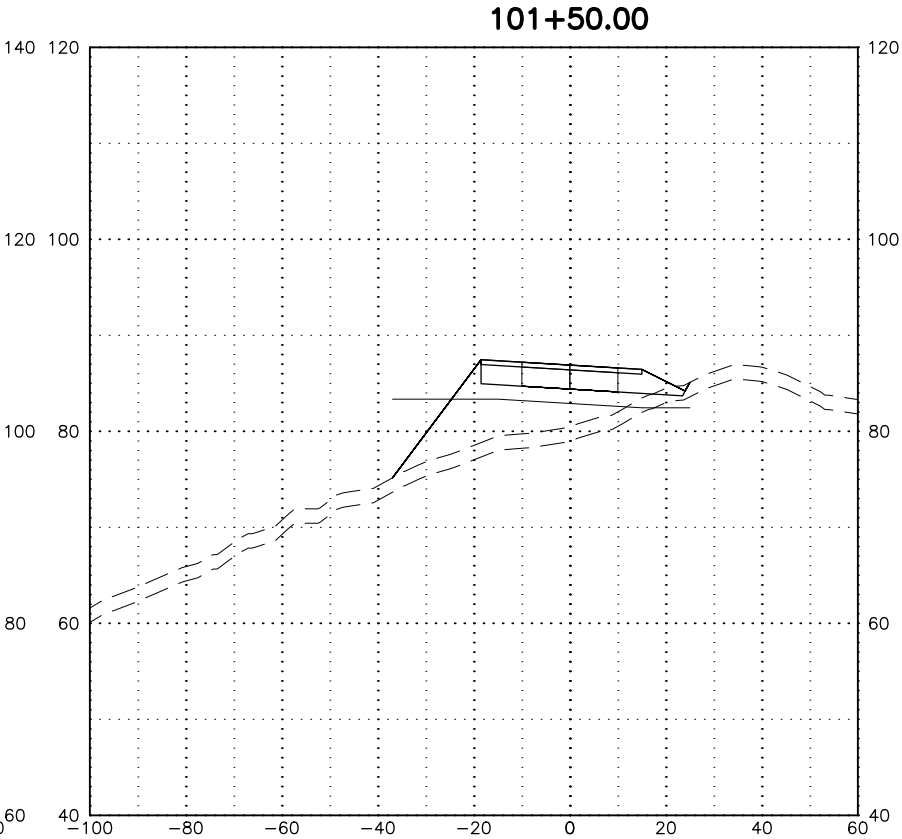
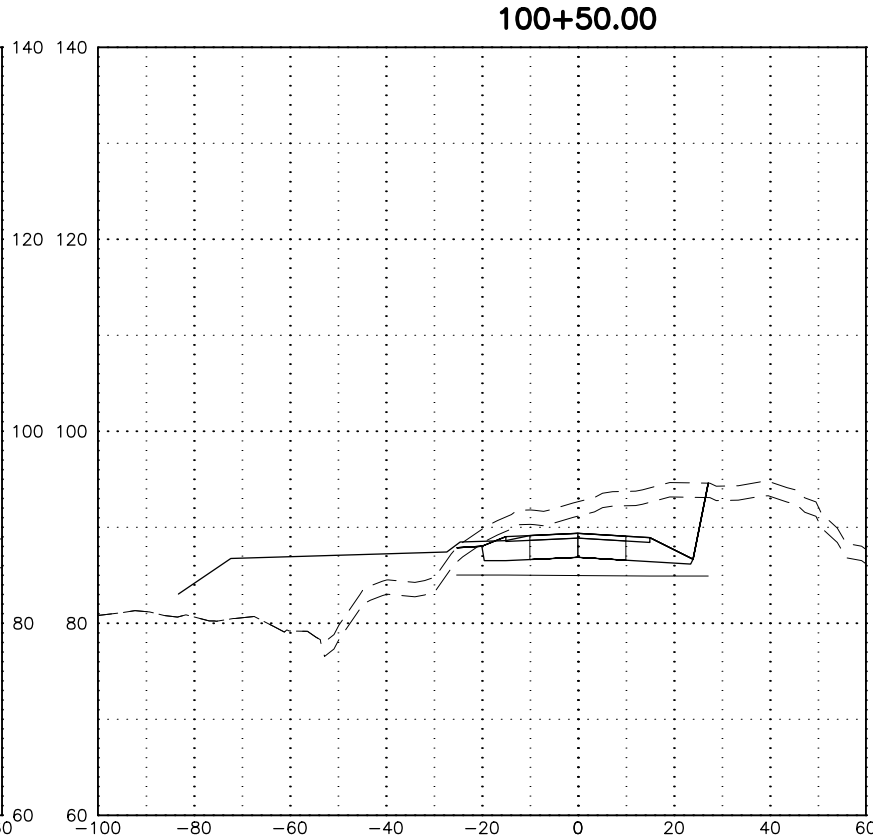
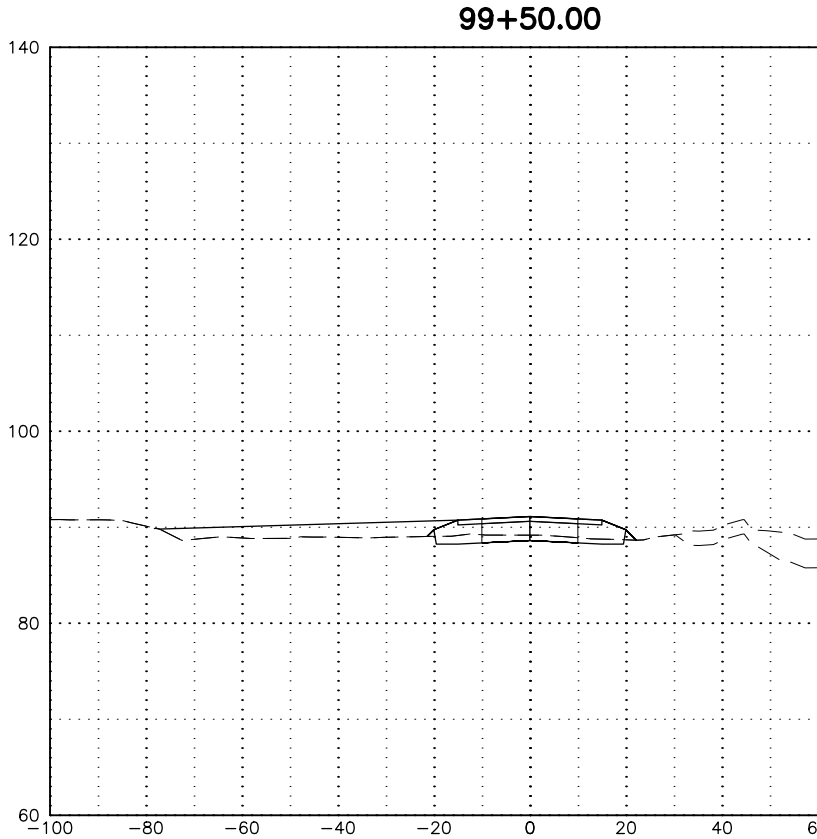


CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE





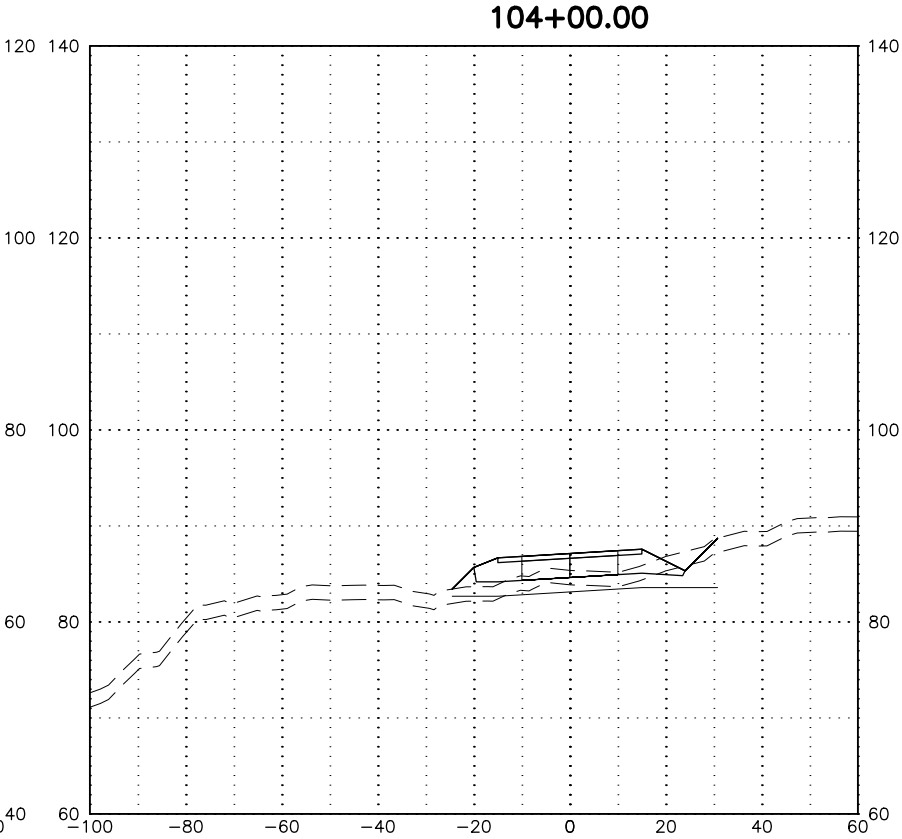
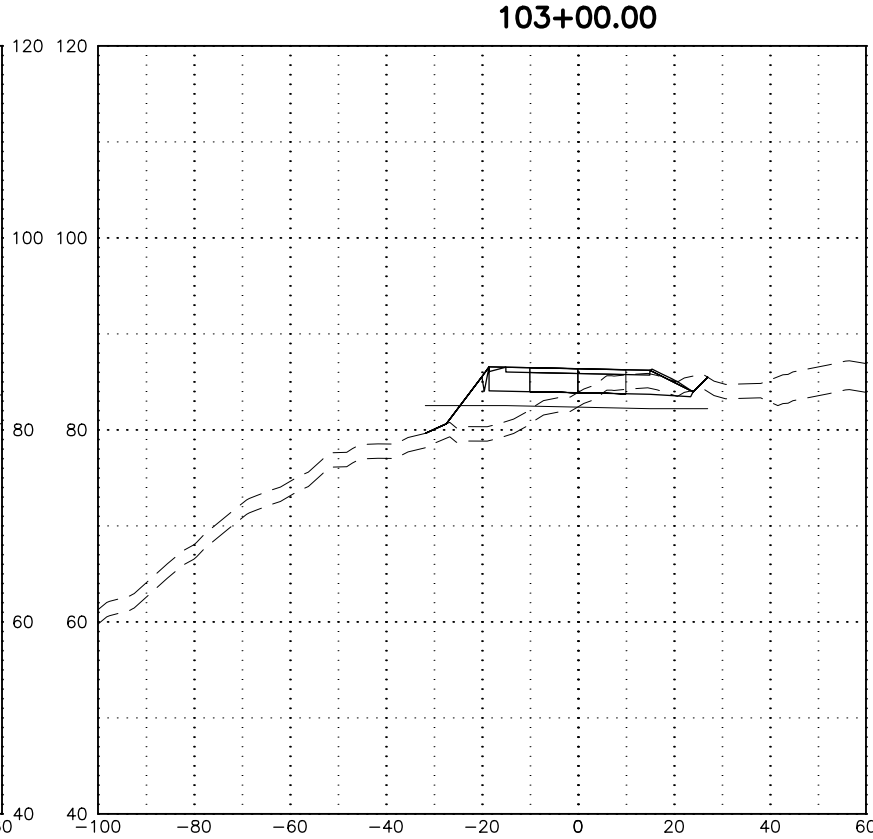
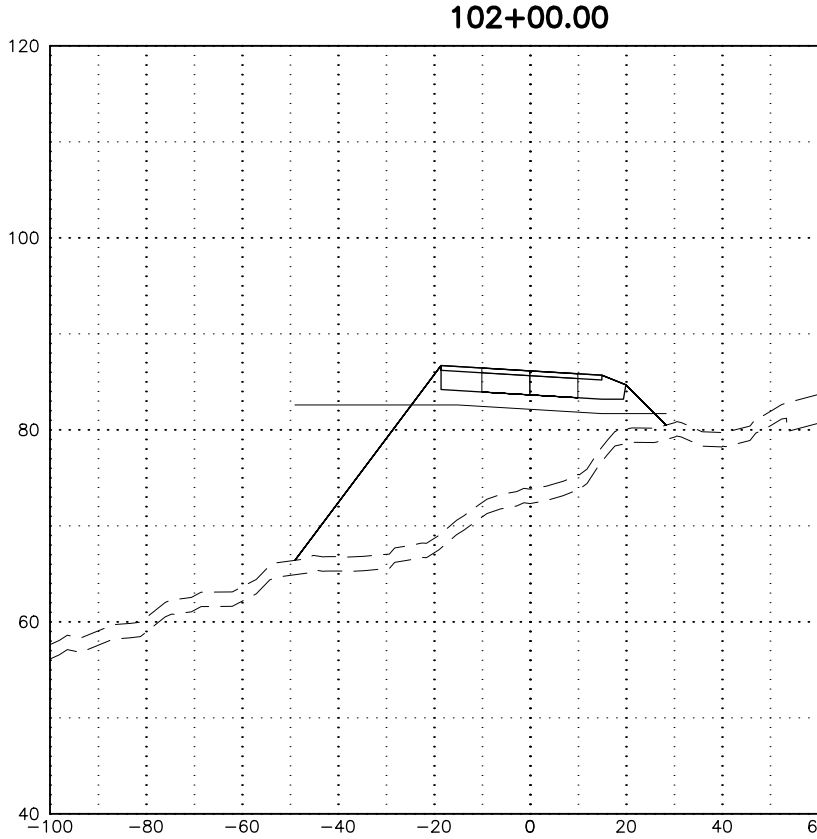
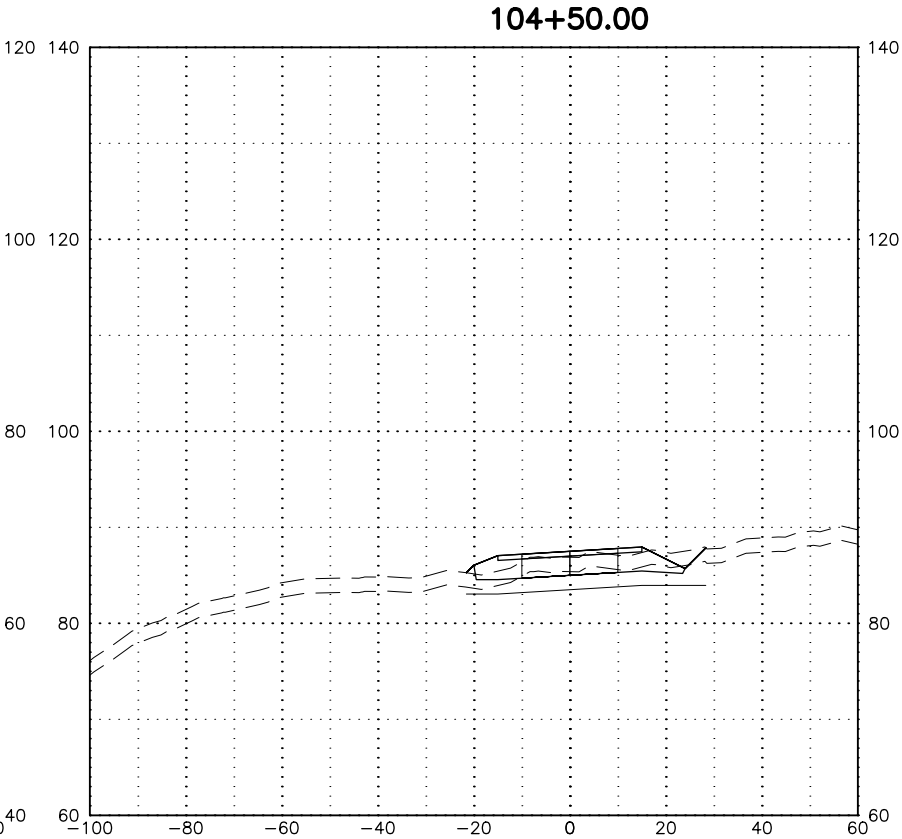
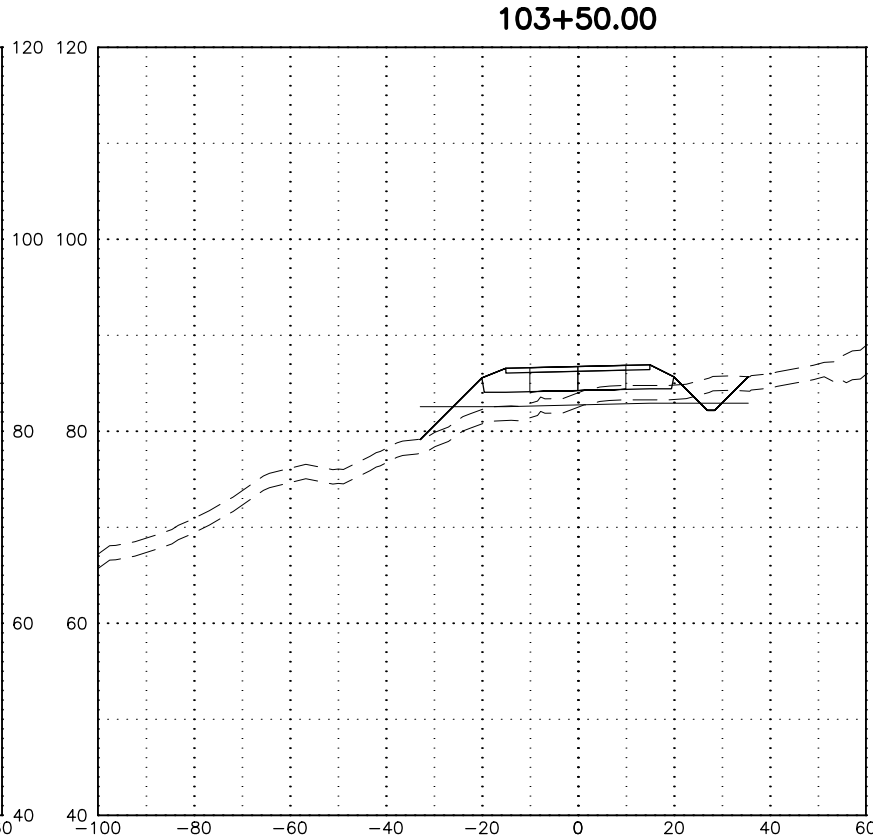
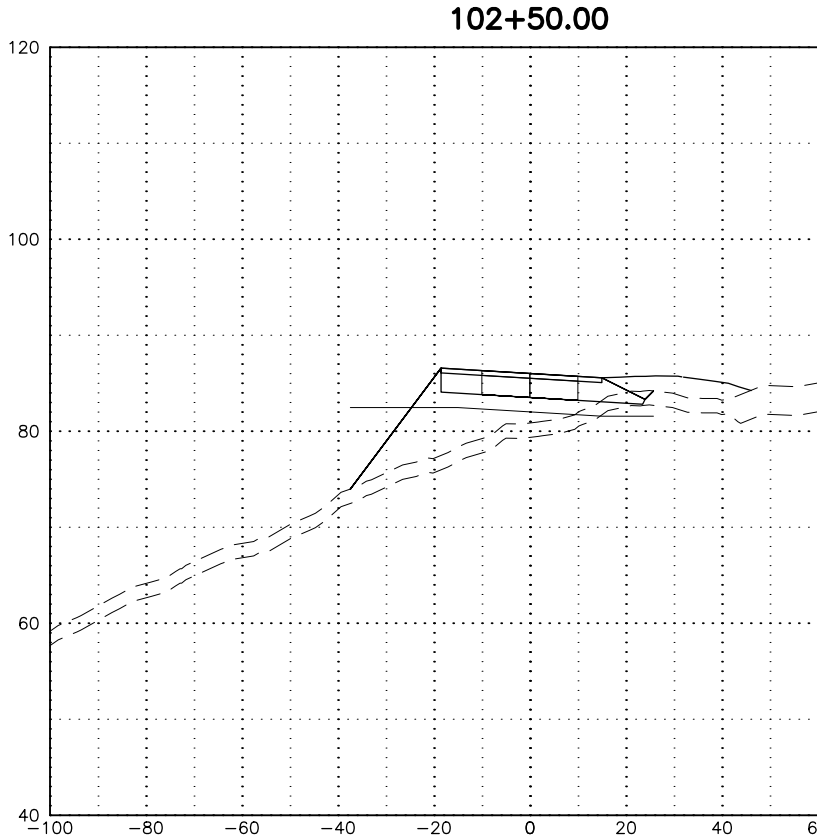
SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



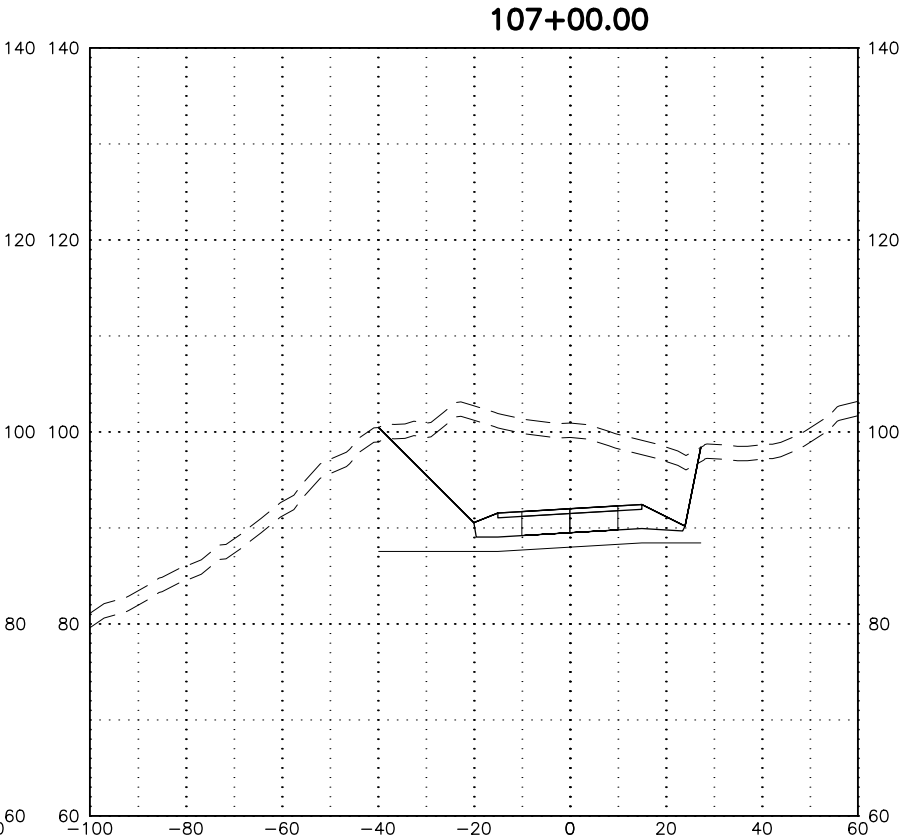
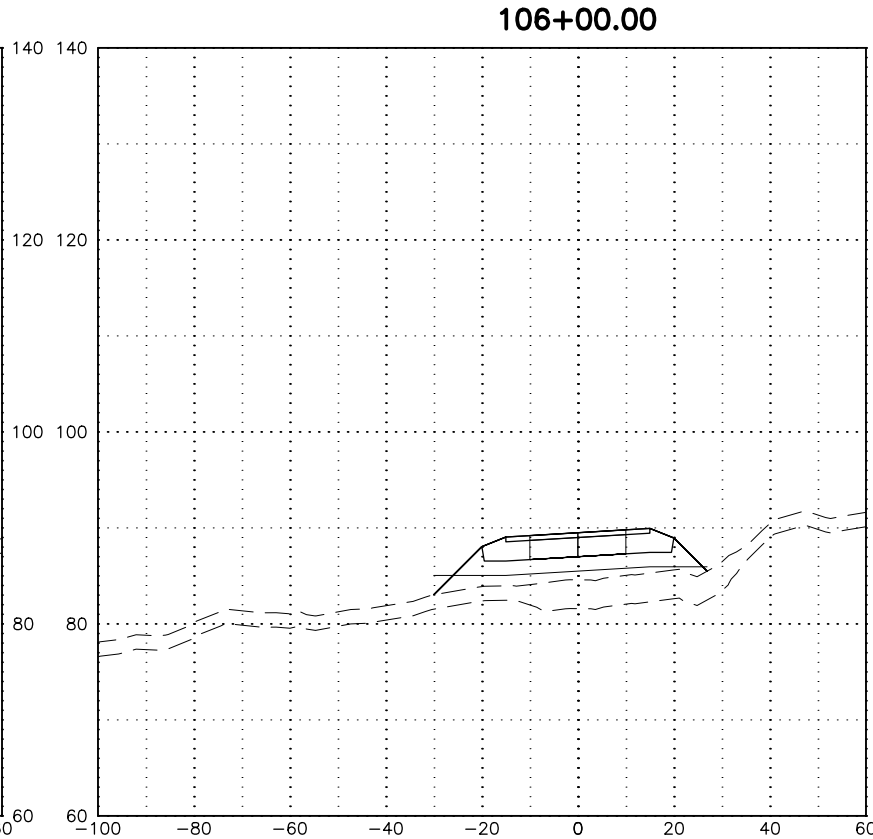
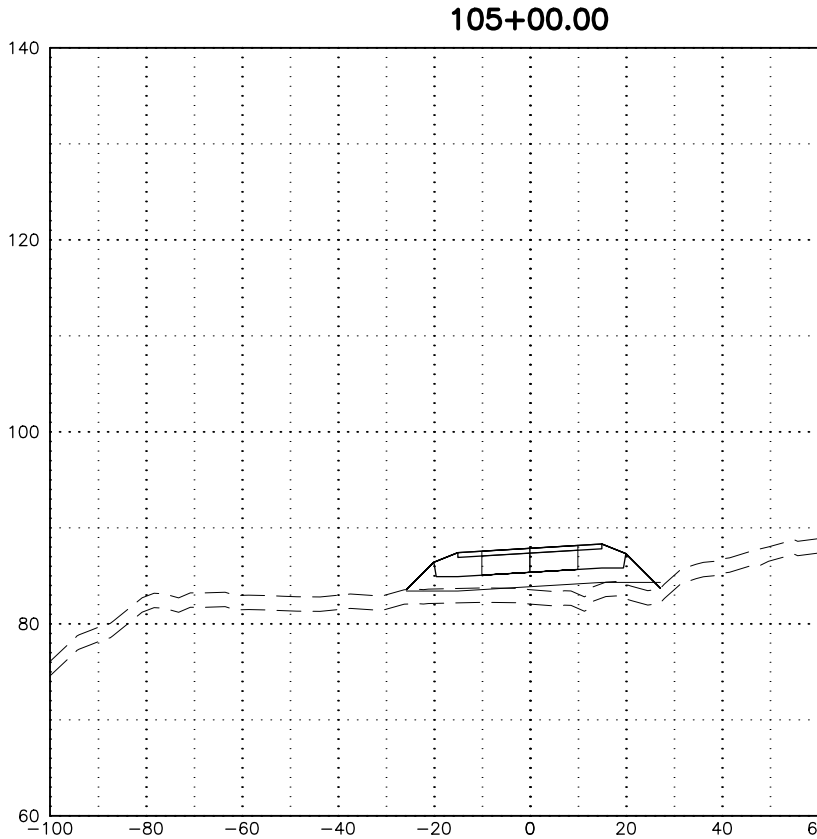
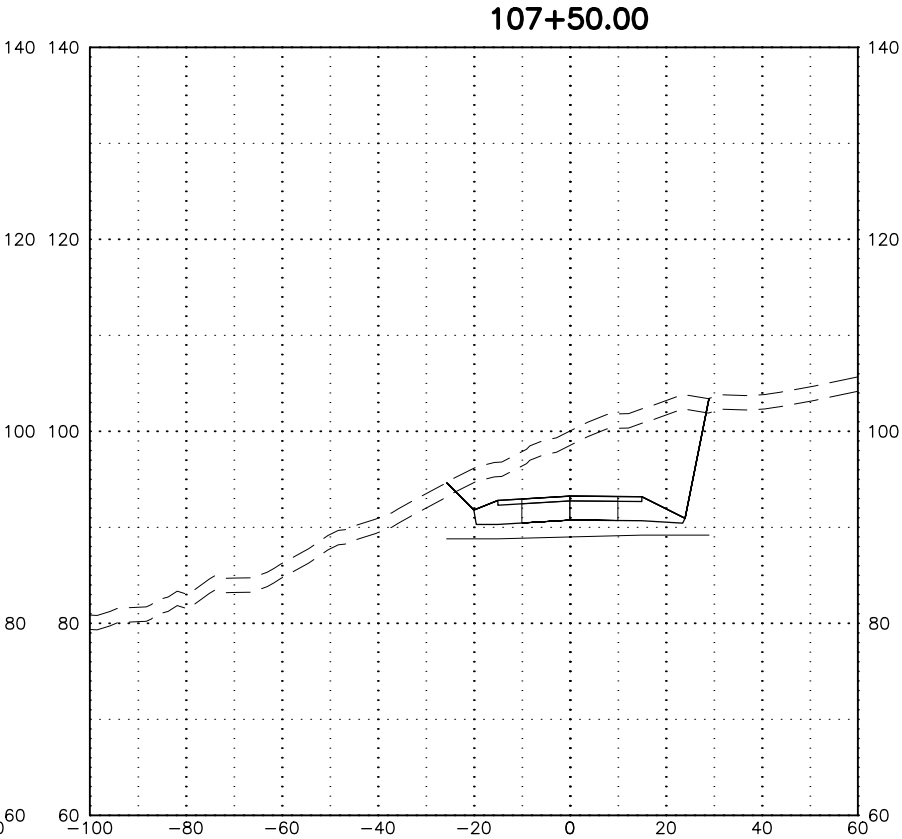
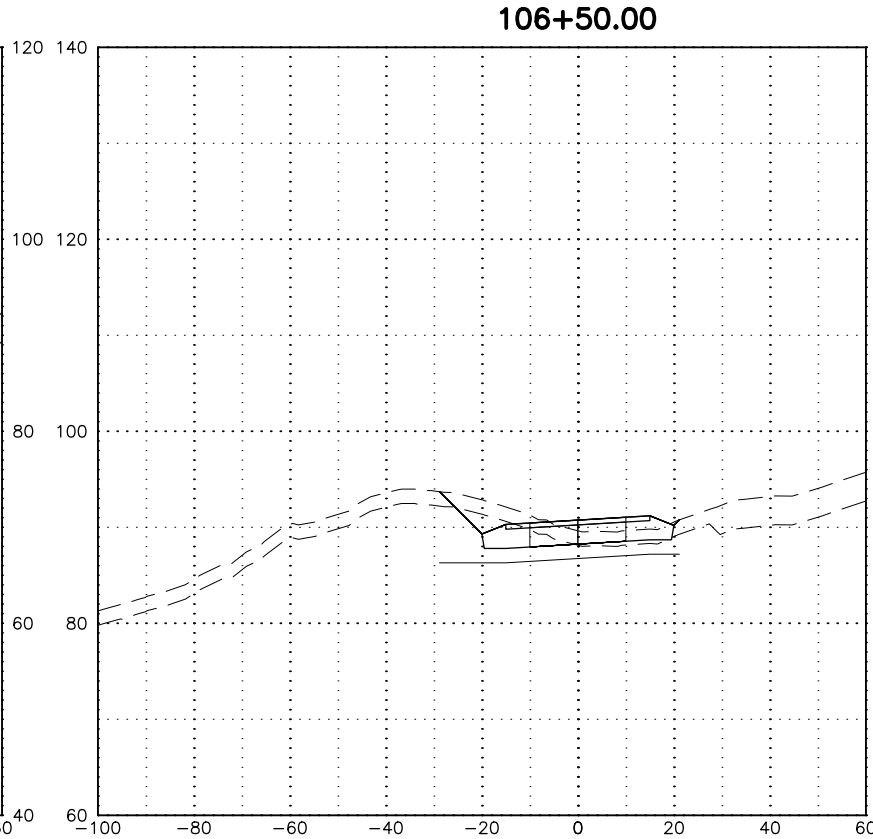
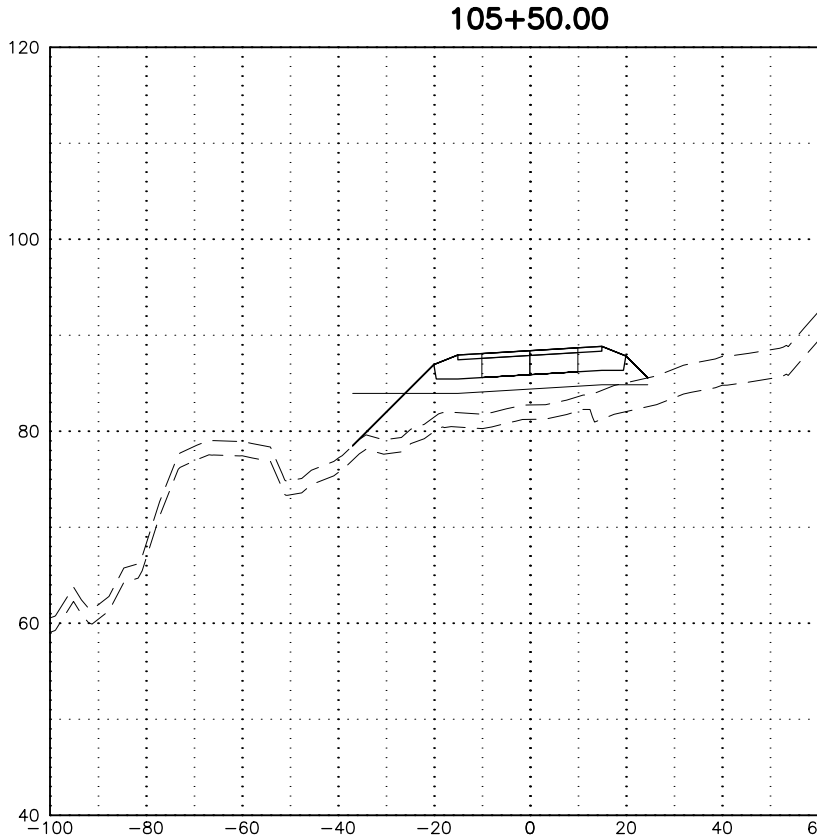
SHEET NO.	TOTAL SHEETS
X5	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



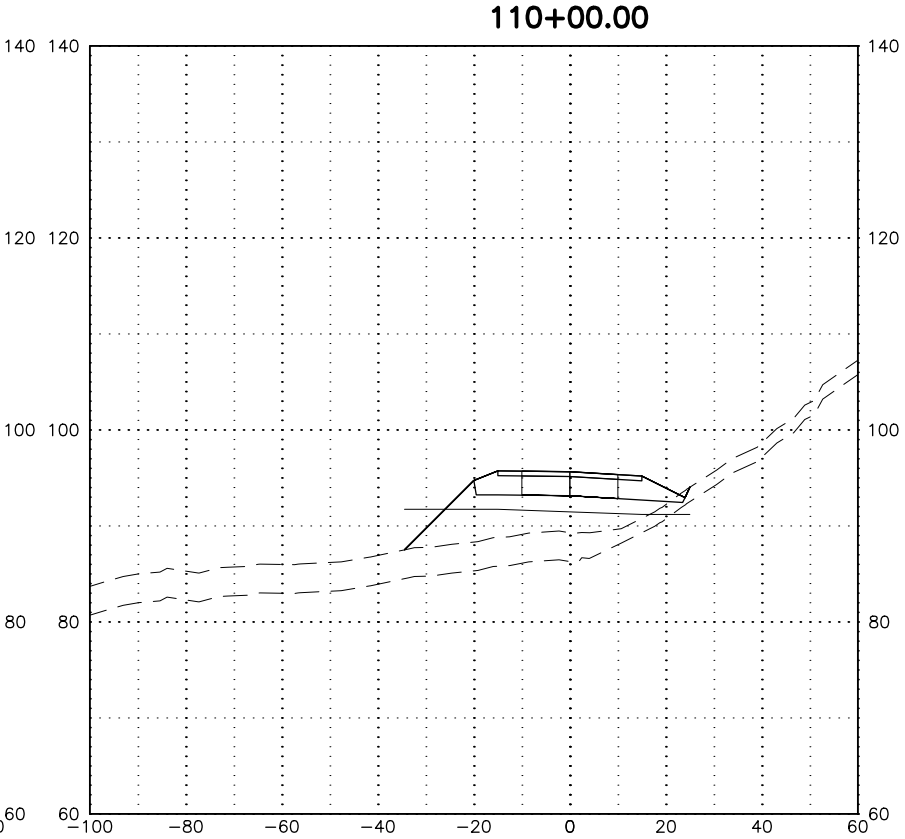
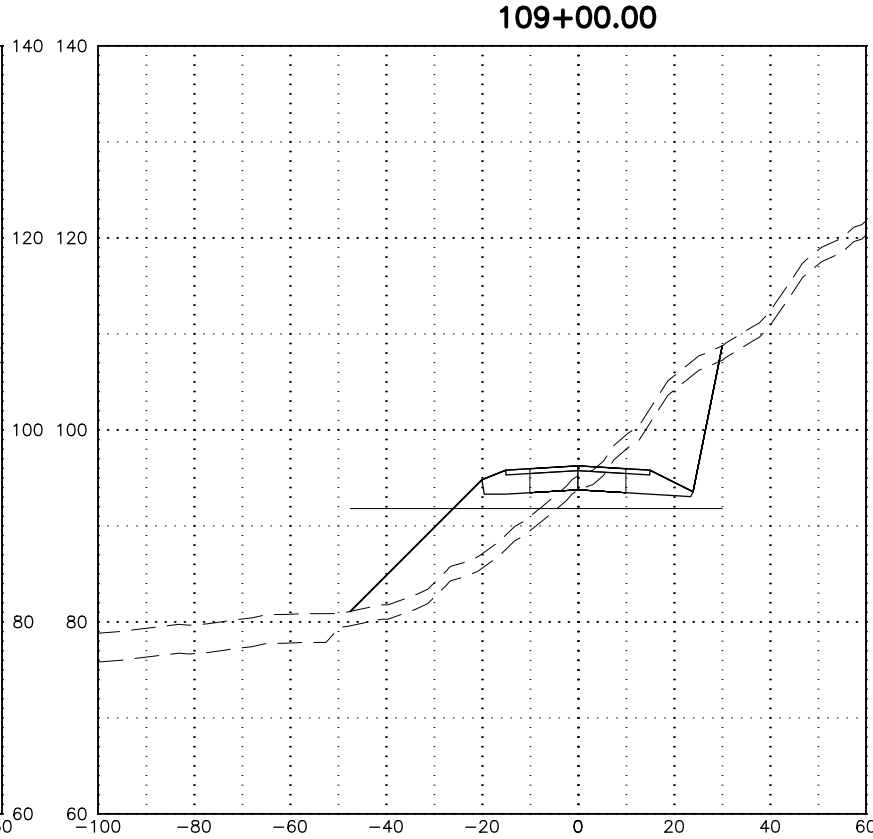
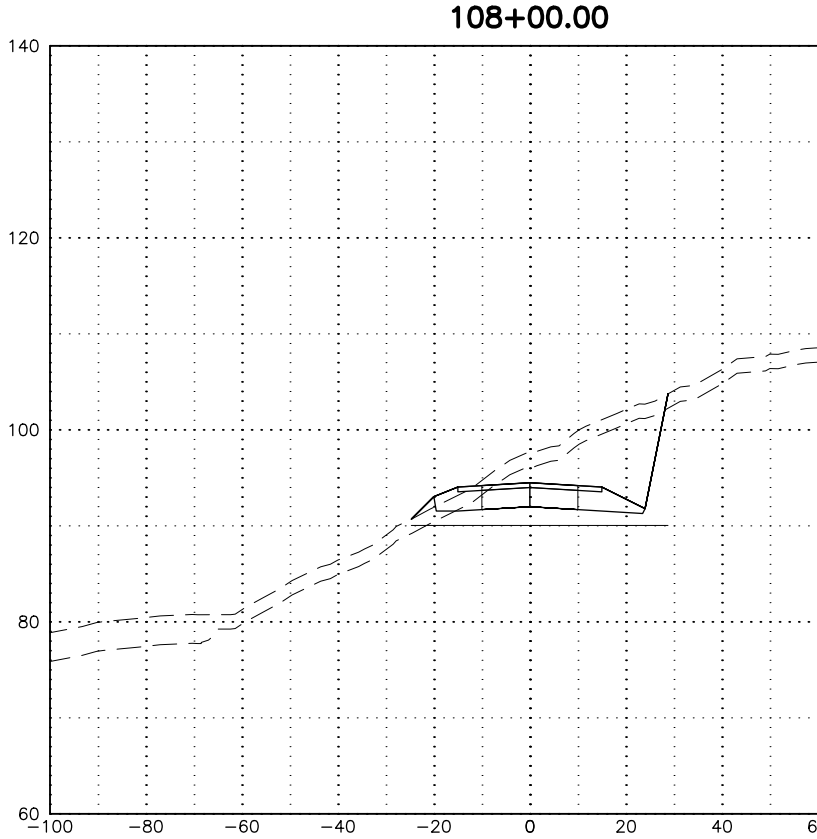
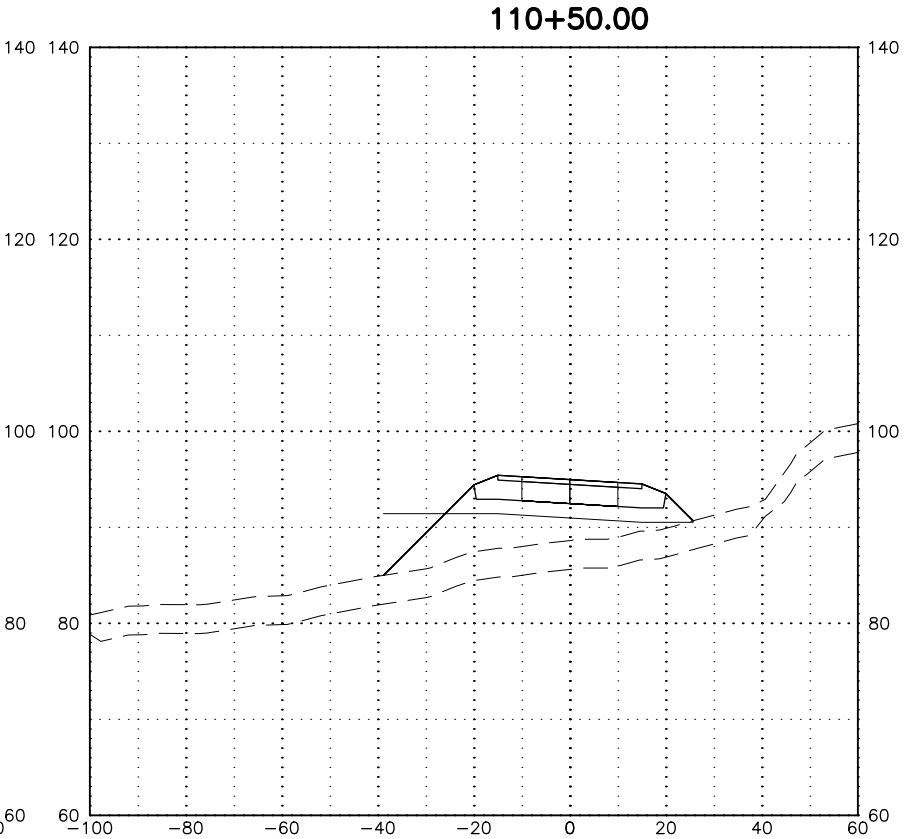
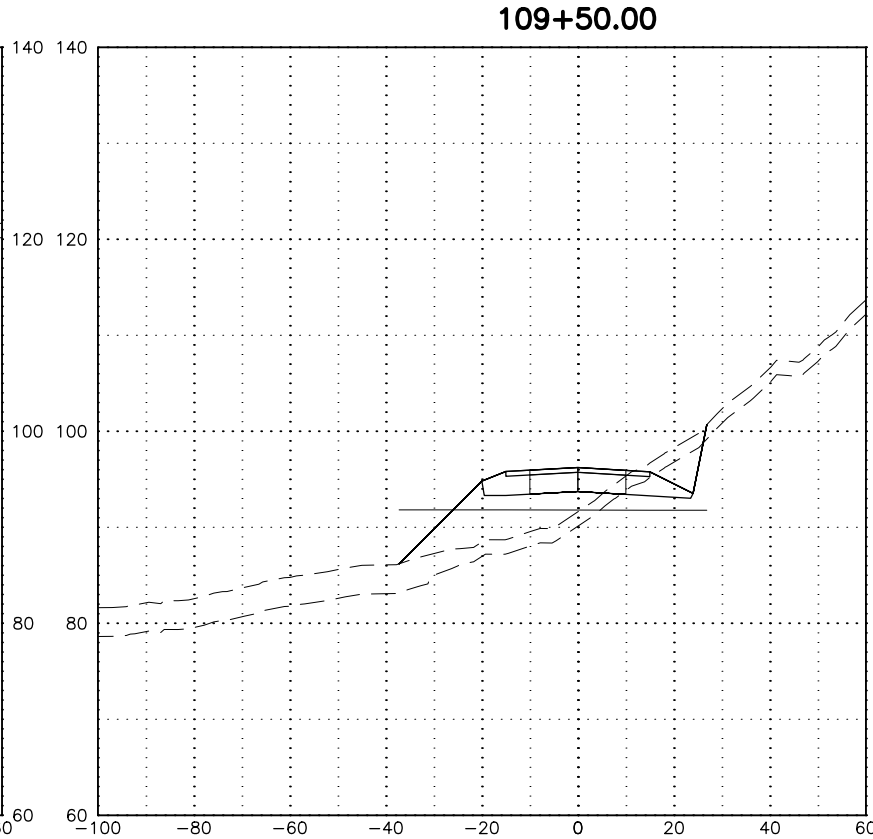
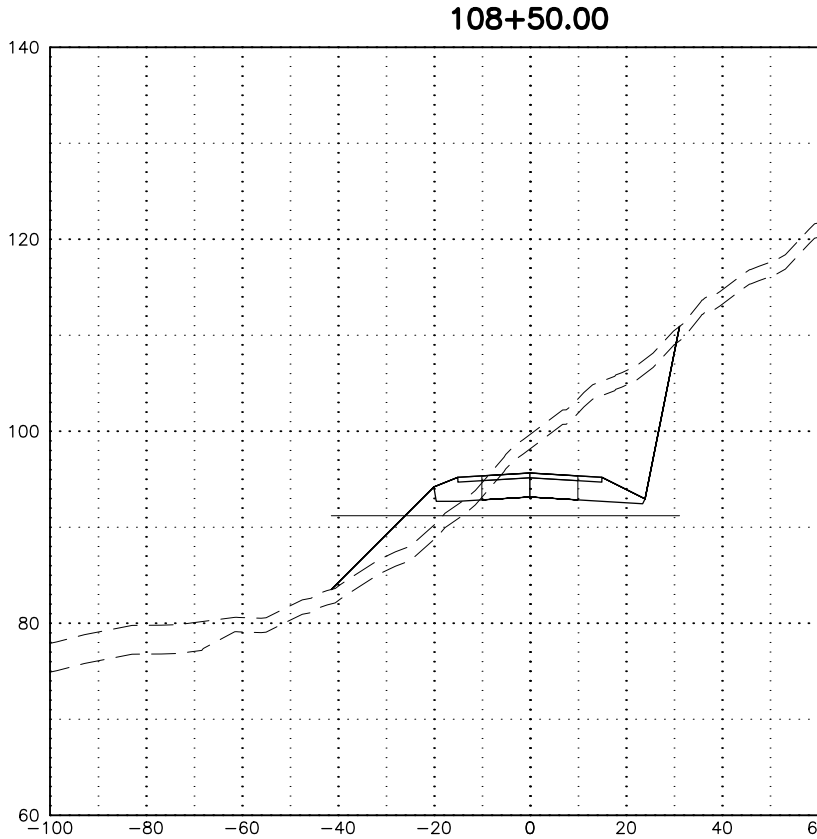
SHEET NO.	TOTAL SHEETS
X6	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



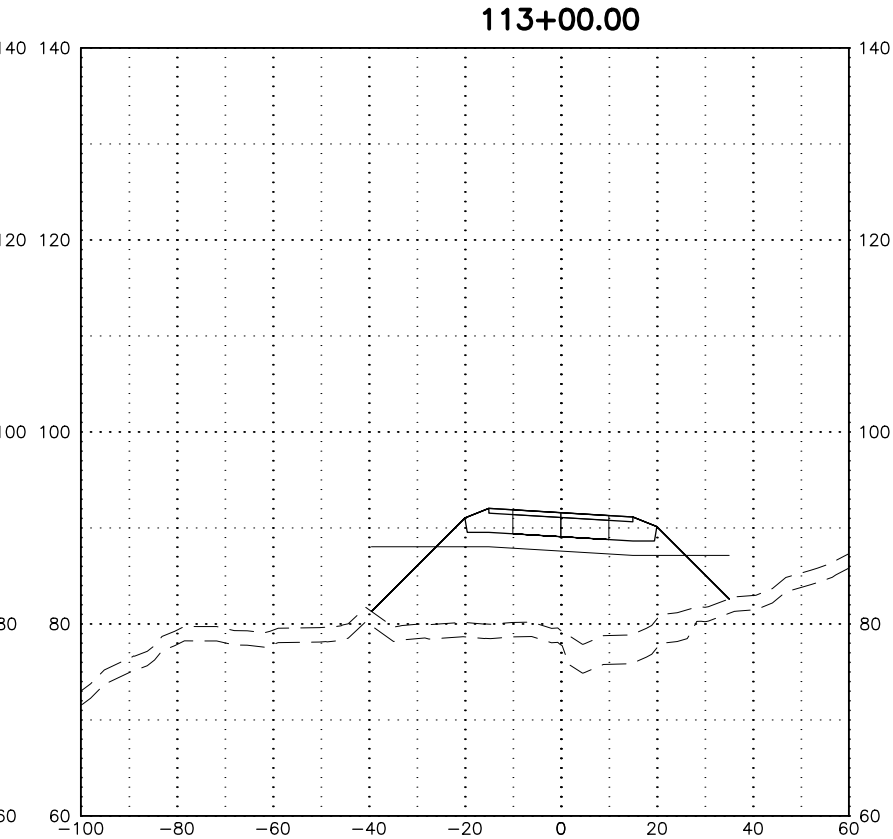
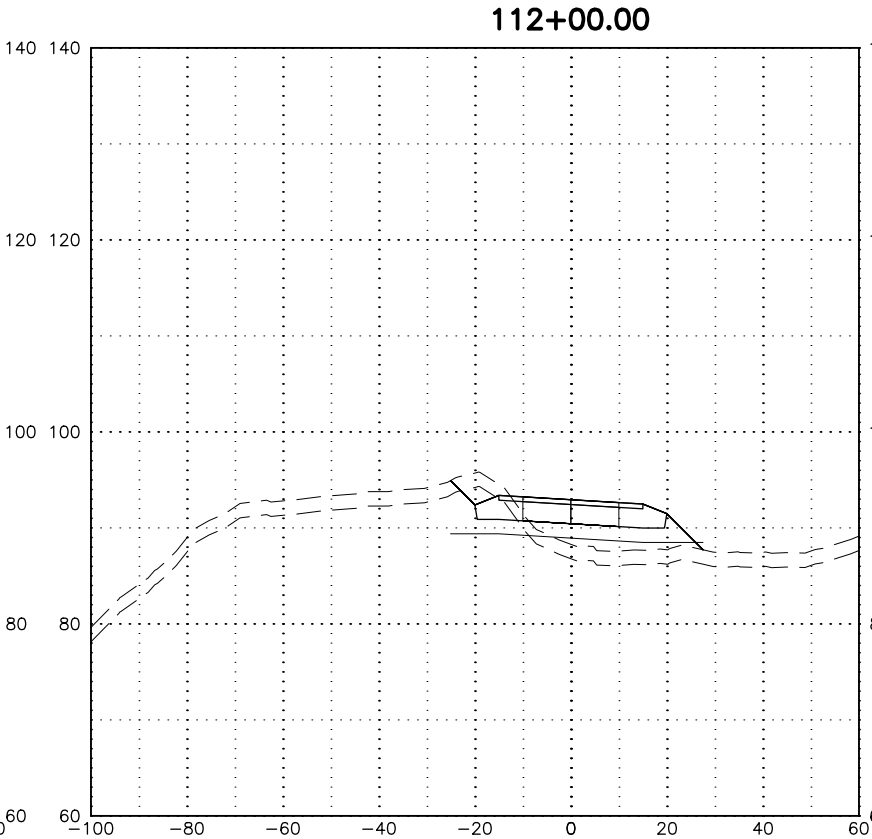
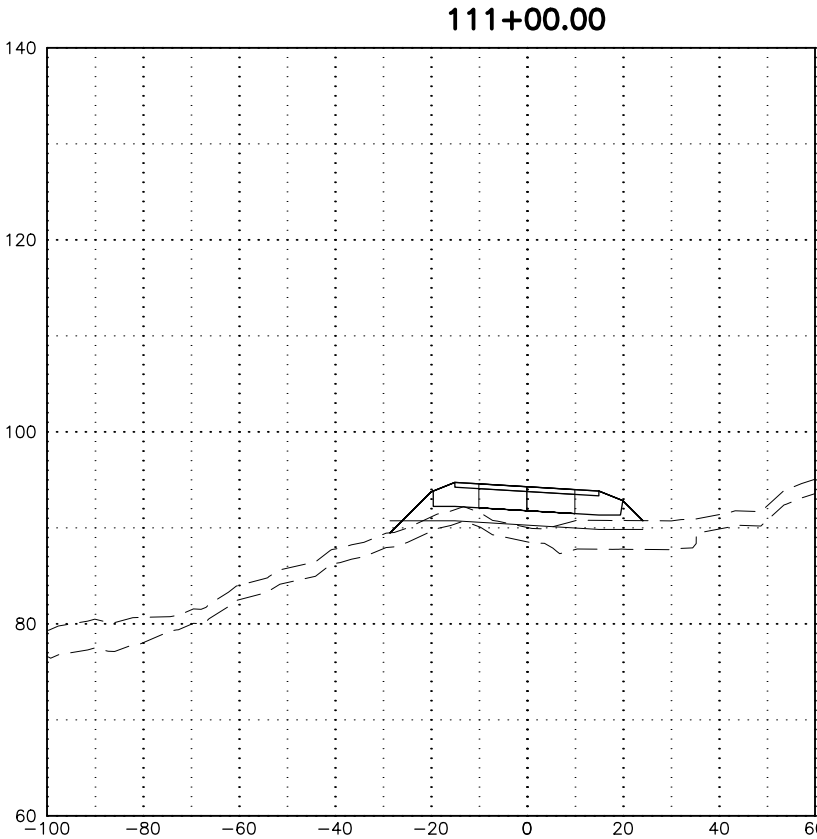
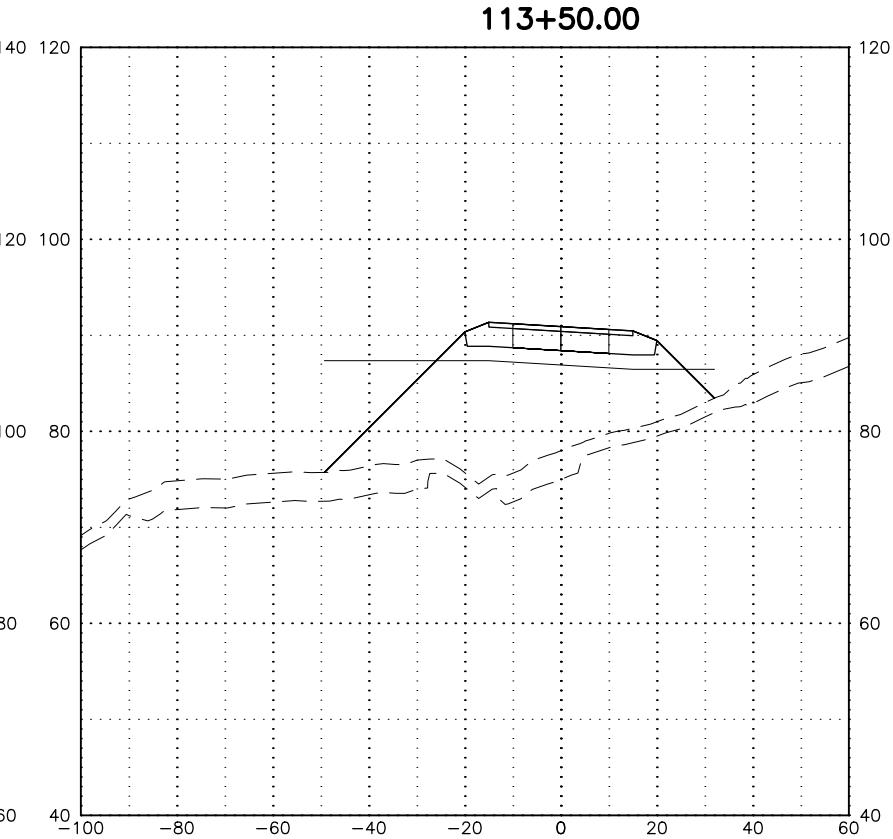
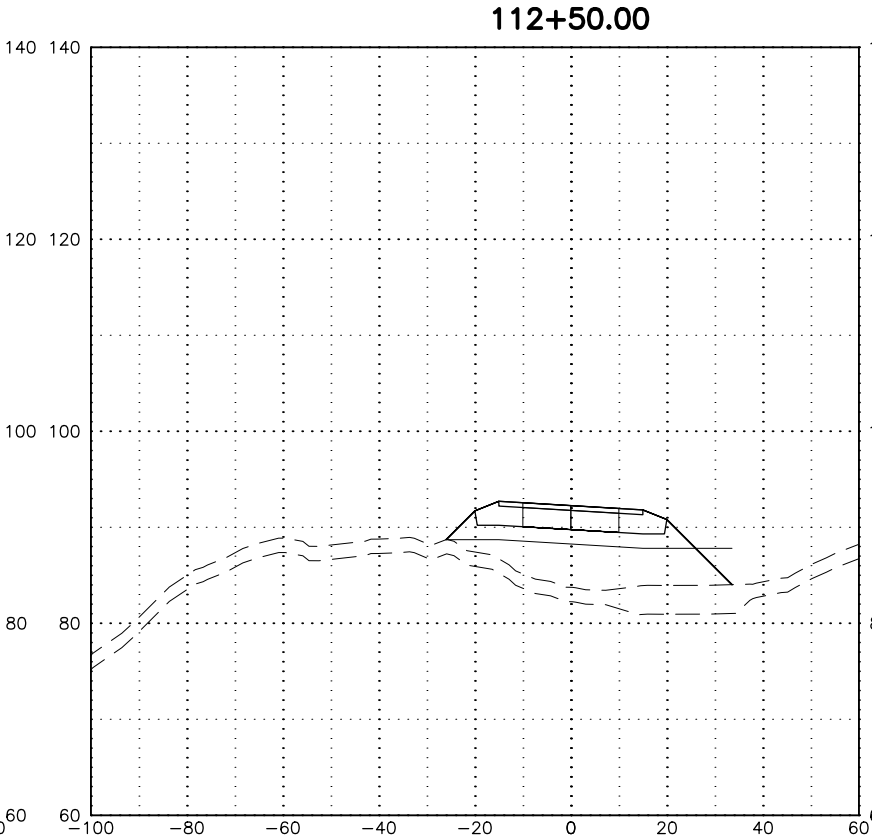
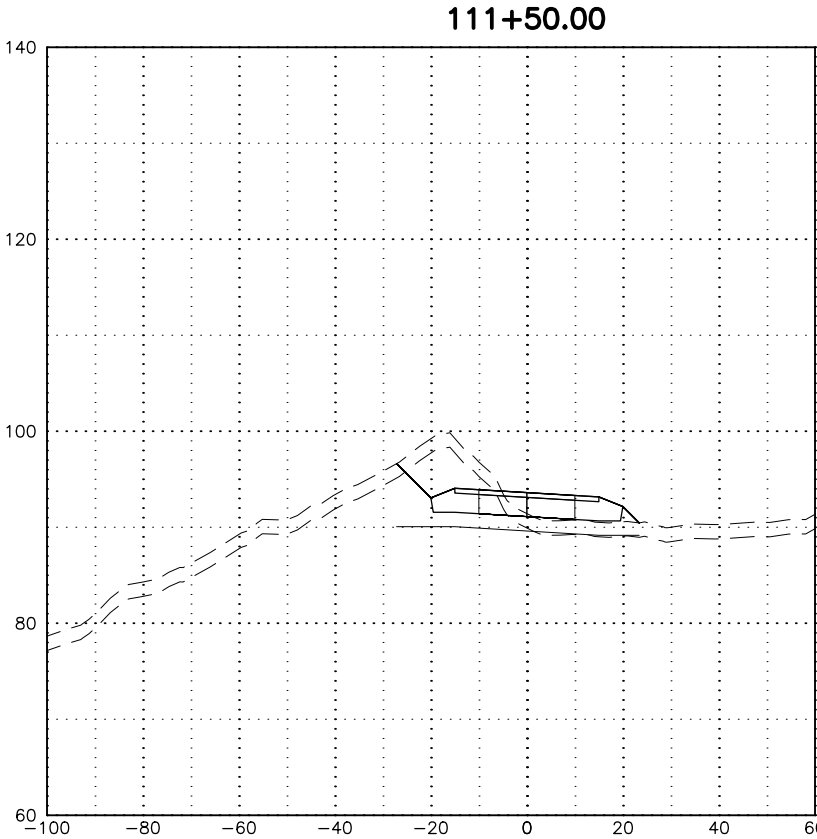
SHEET NO.	TOTAL SHEETS
X7	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



SHEET NO.	TOTAL SHEETS
X8	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

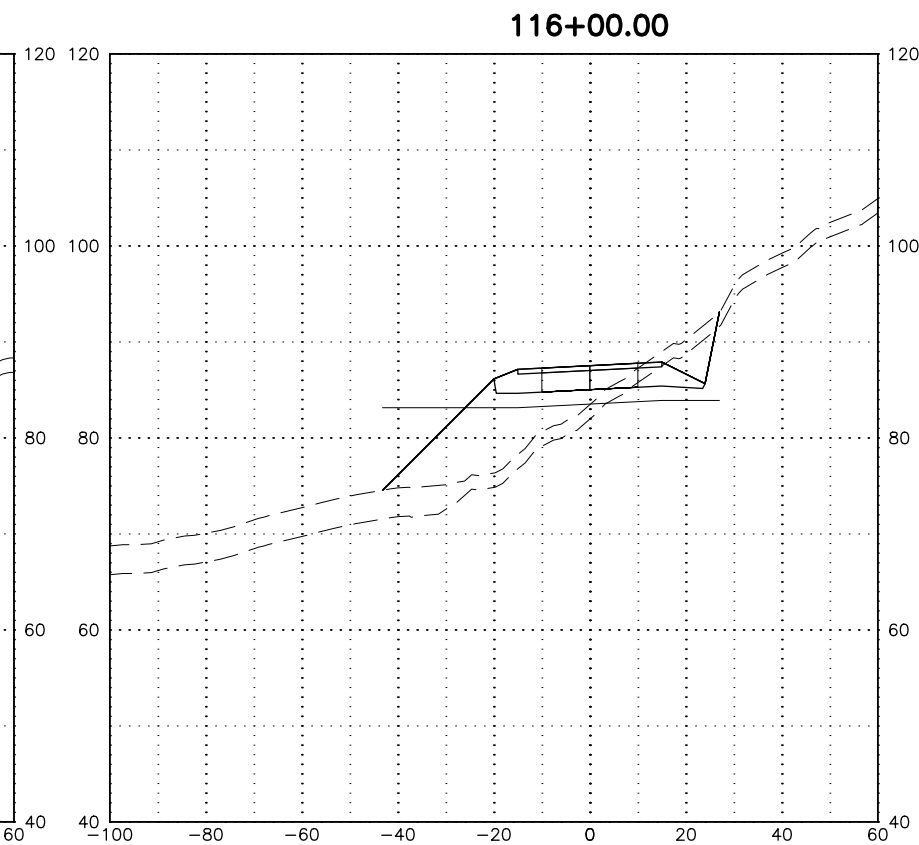
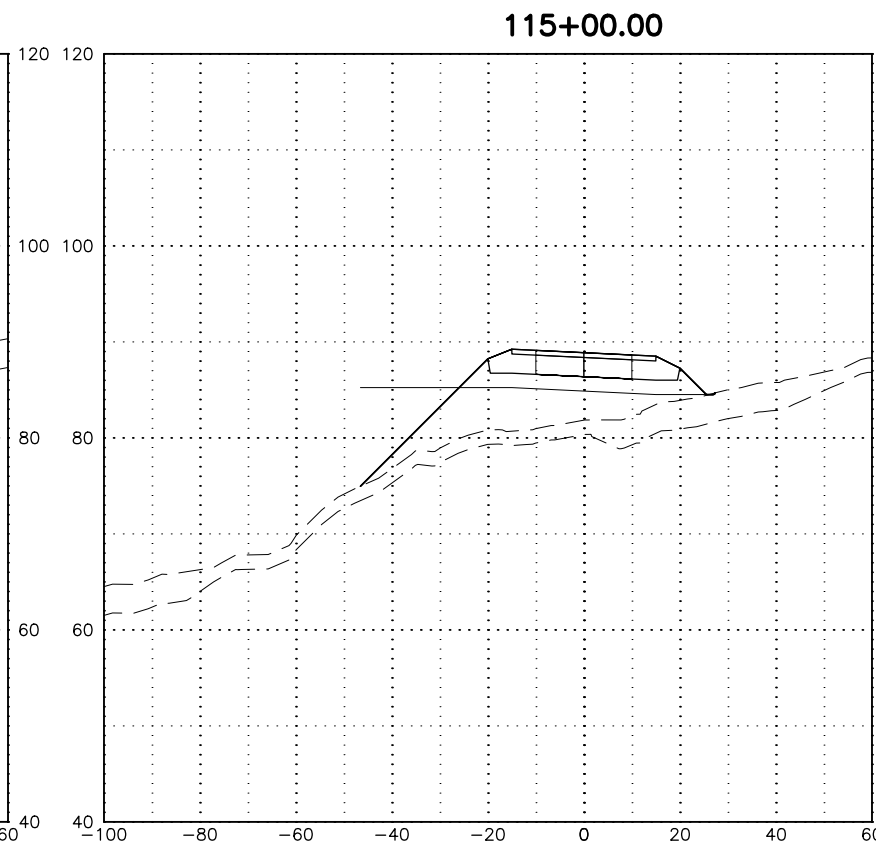
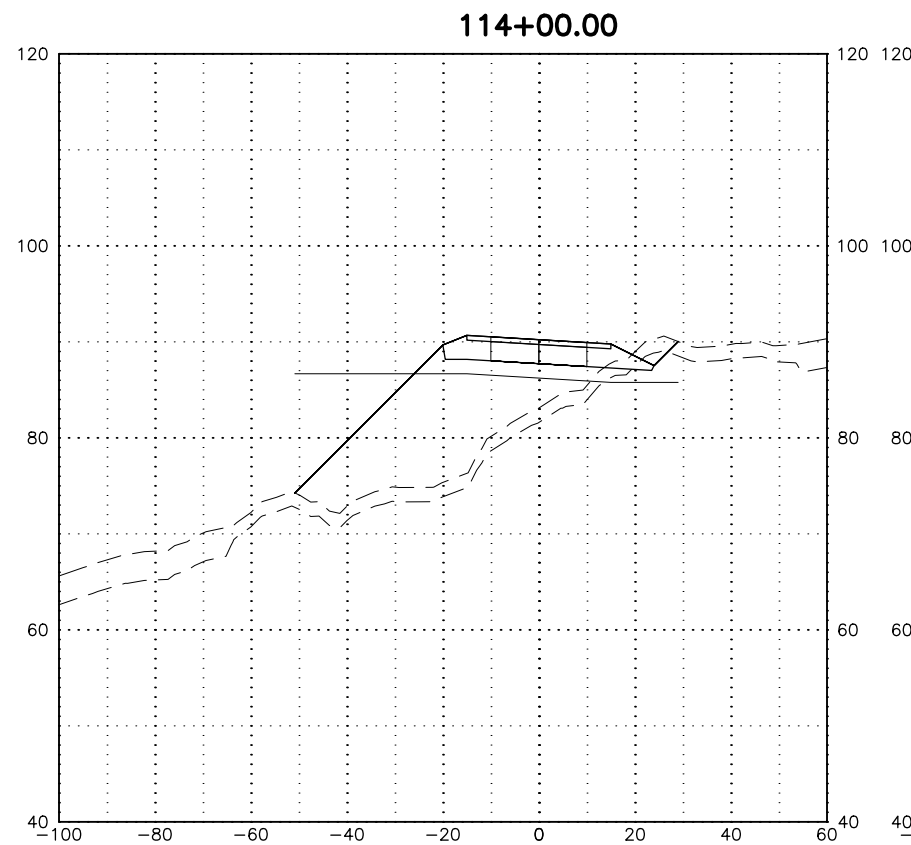
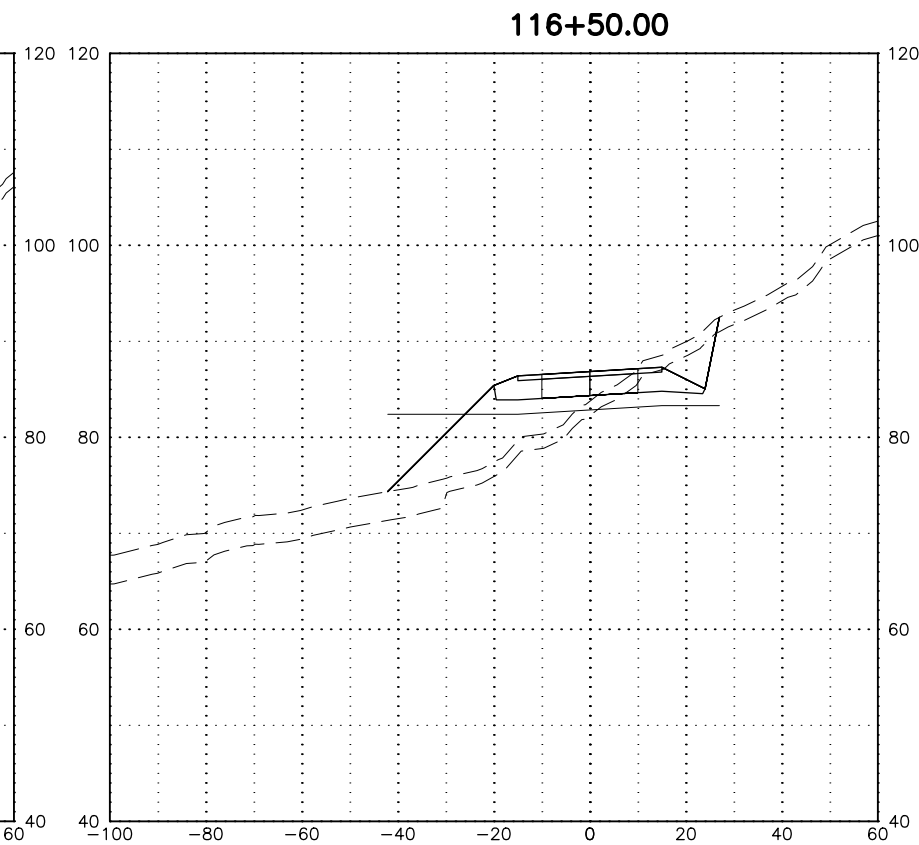
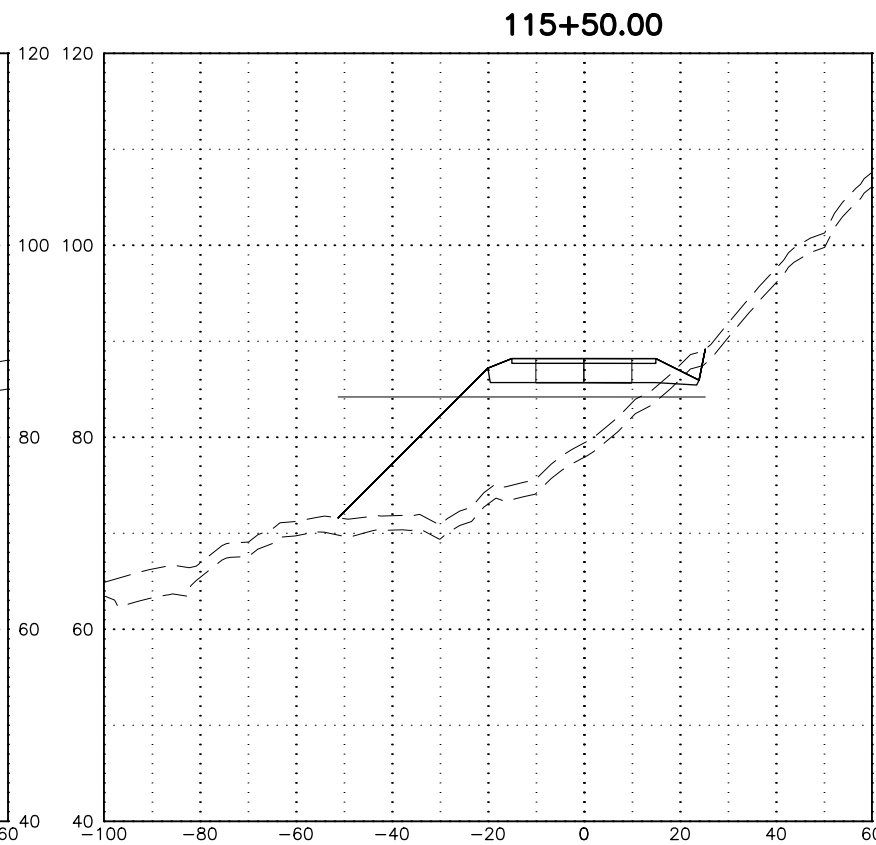
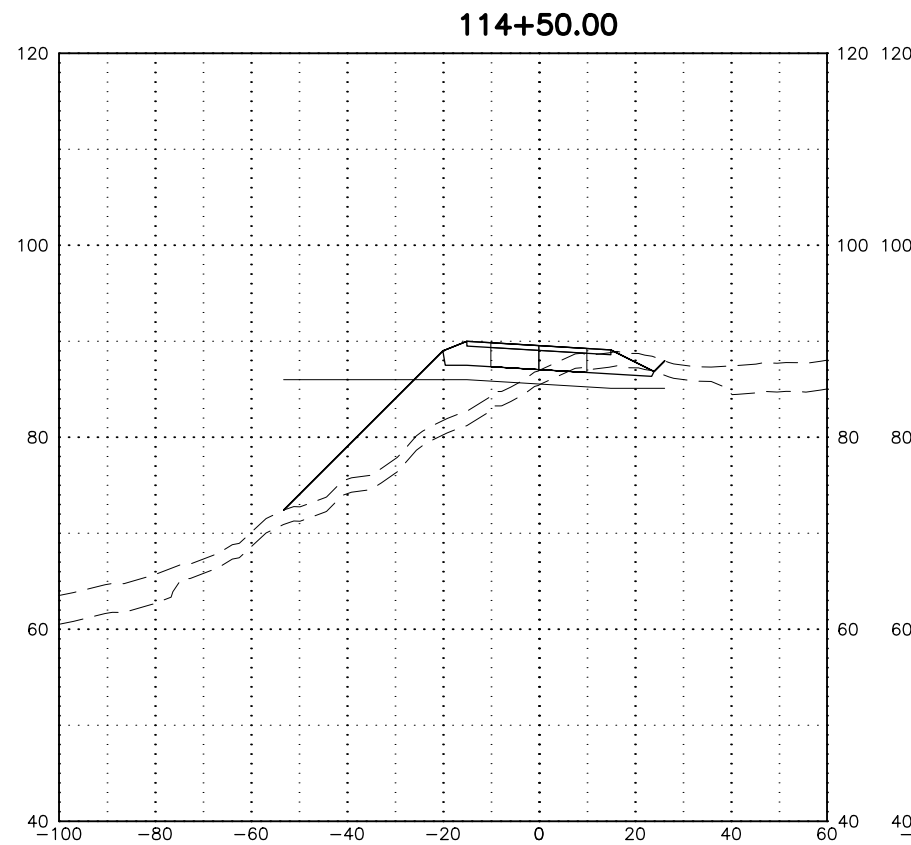
CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE

DRAWING LOCATION		DATE	TIME	DESIGNED BY
J:\JOESDATA\20403.02 SHOTGUN COVE ROAD\00 CADD\01 WORKING SET\01 CIVIL\02 DESIGN\20403.02 CROSS SECTIONS - MAINLINE.DWG		4/27/2022	11:23 AM	CHECKED BY
				DRAFTED BY



SHEET NO.	TOTAL SHEETS
X9	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



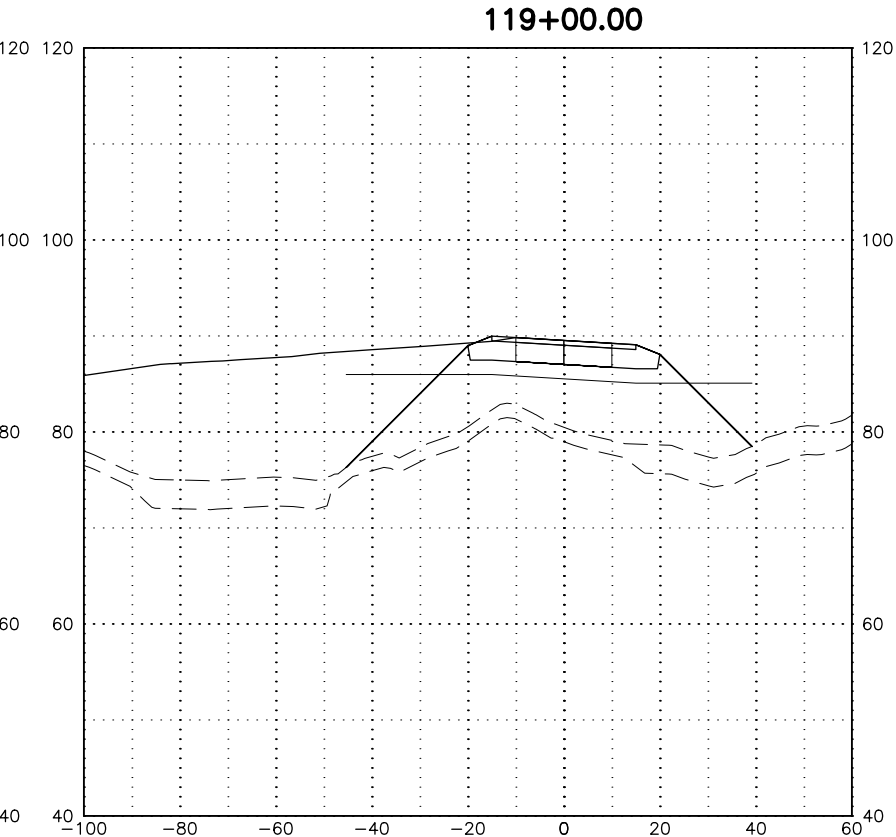
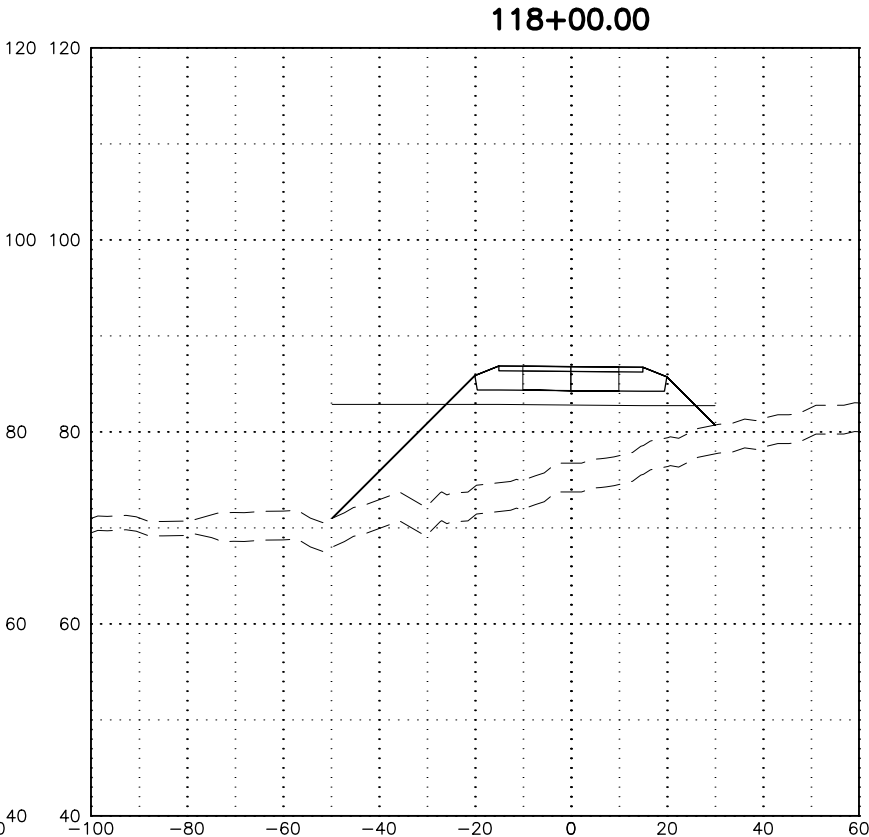
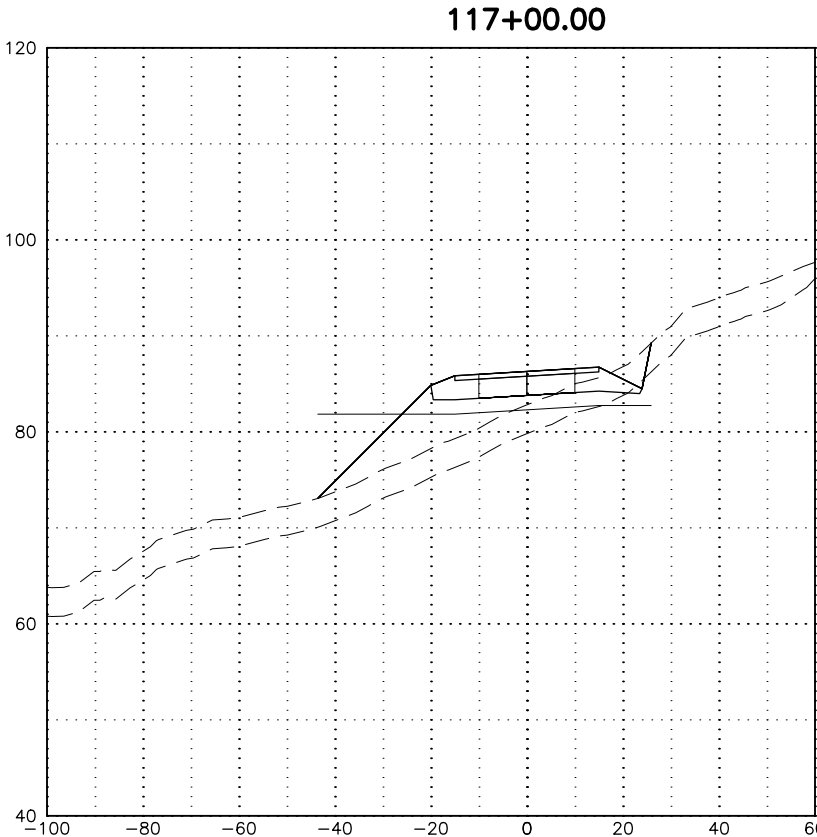
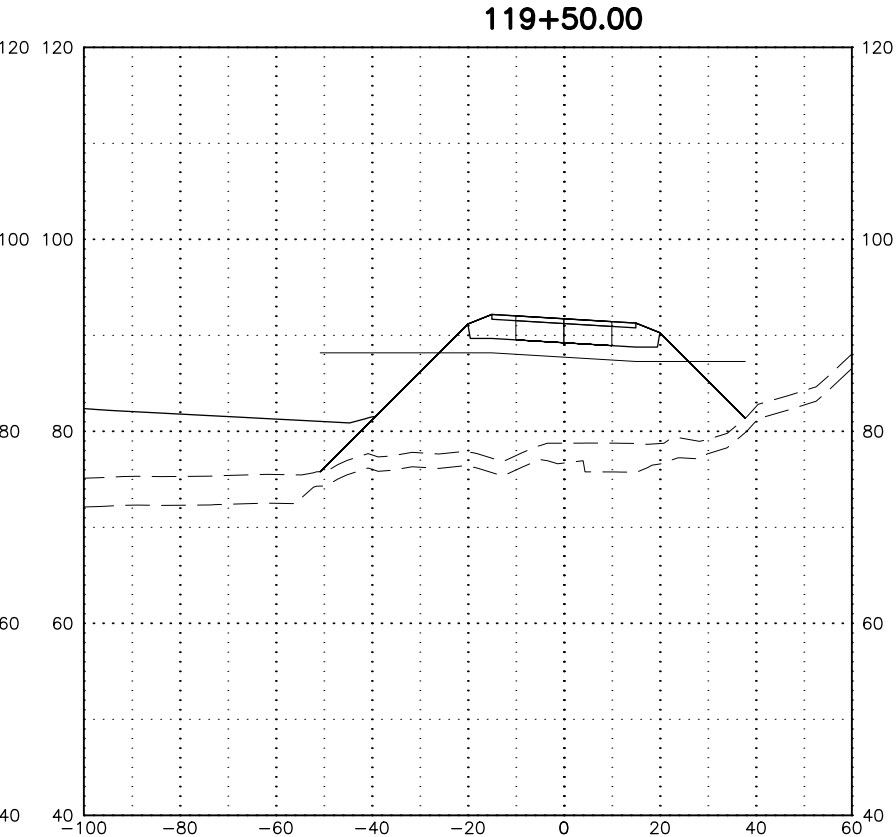
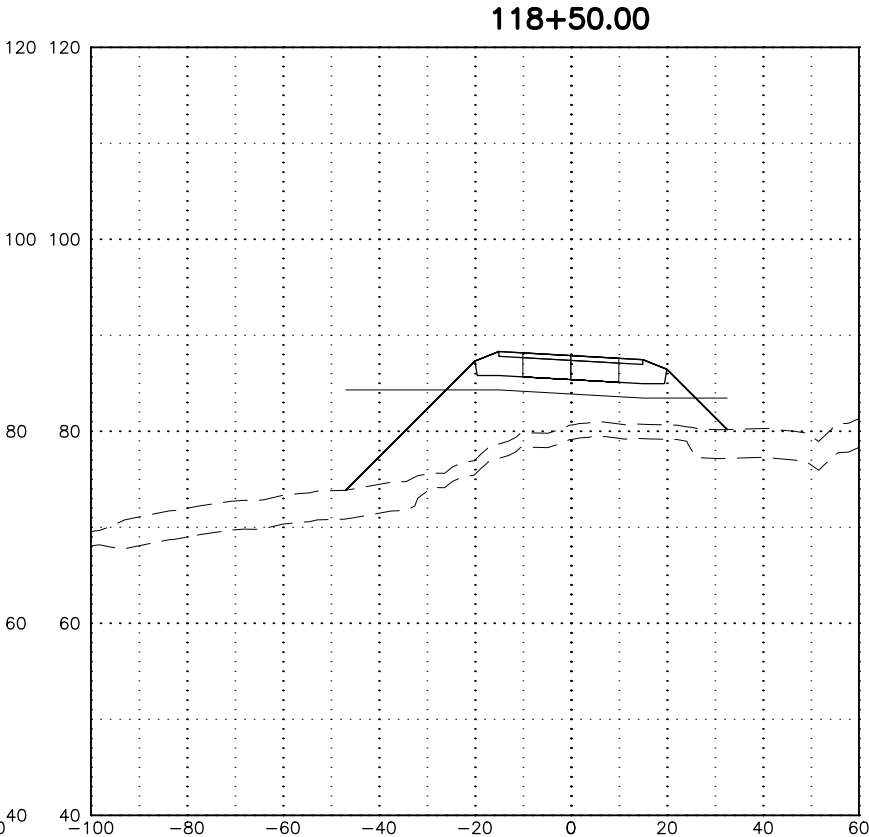
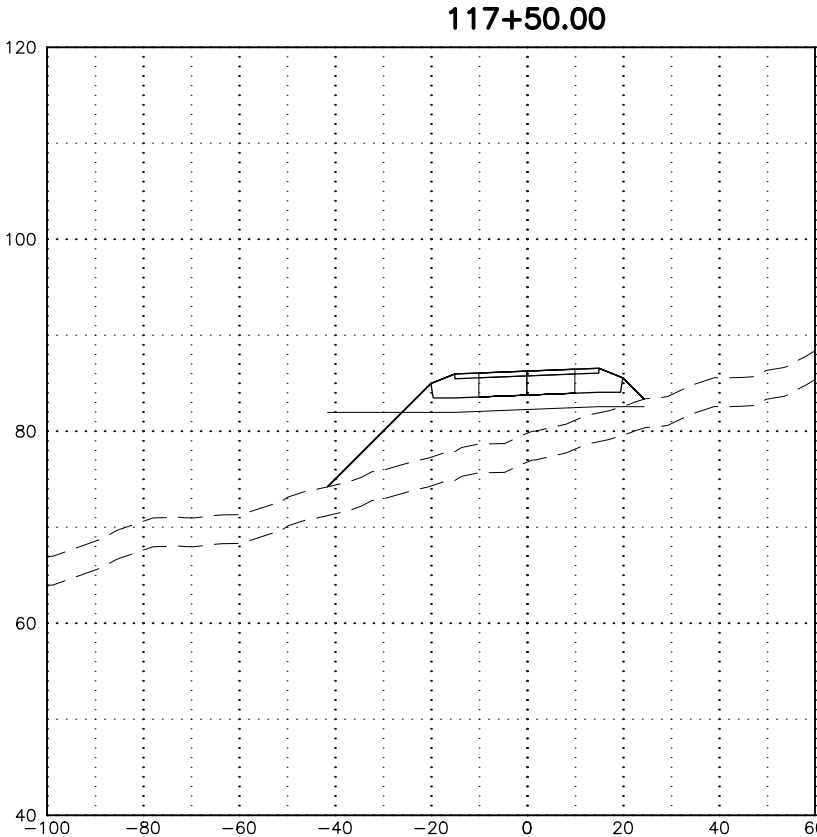
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



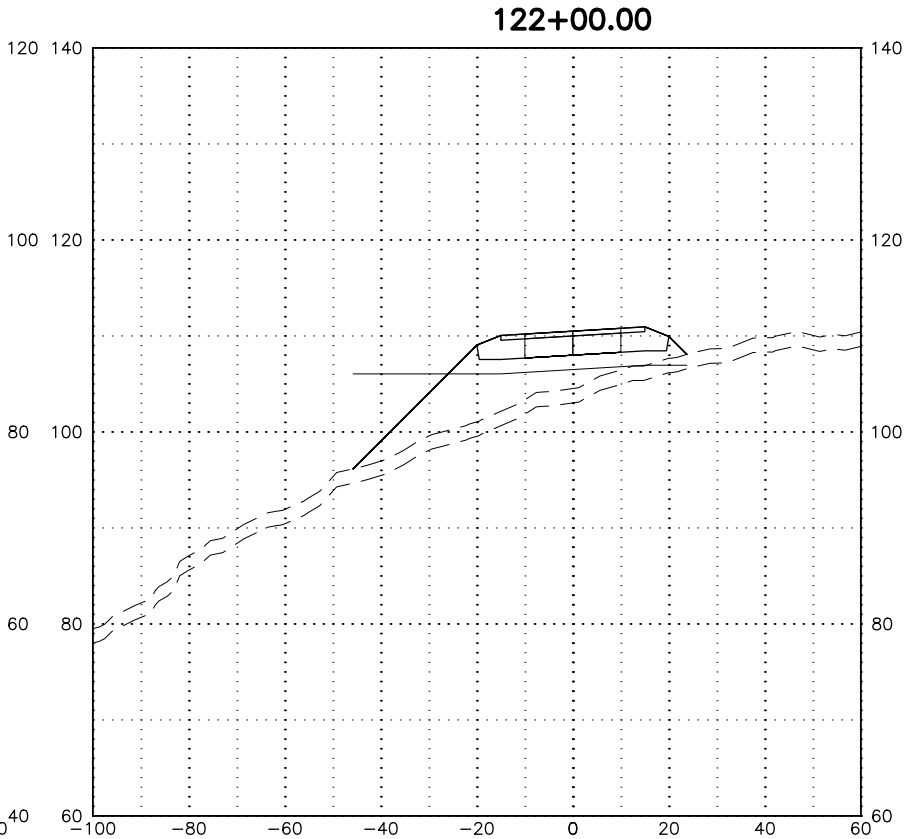
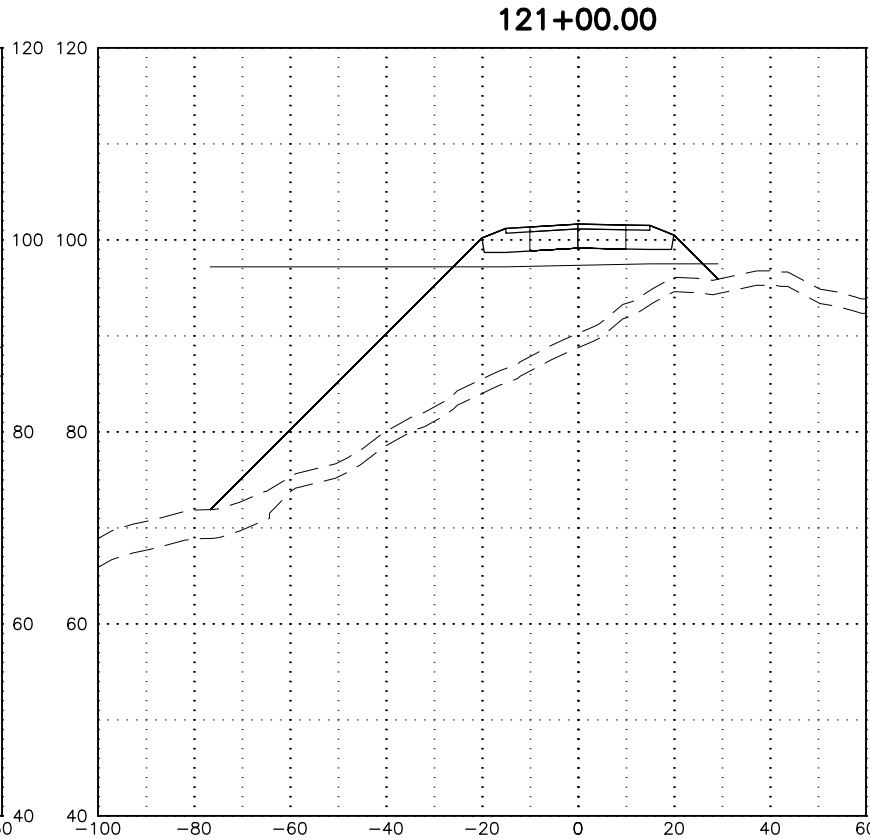
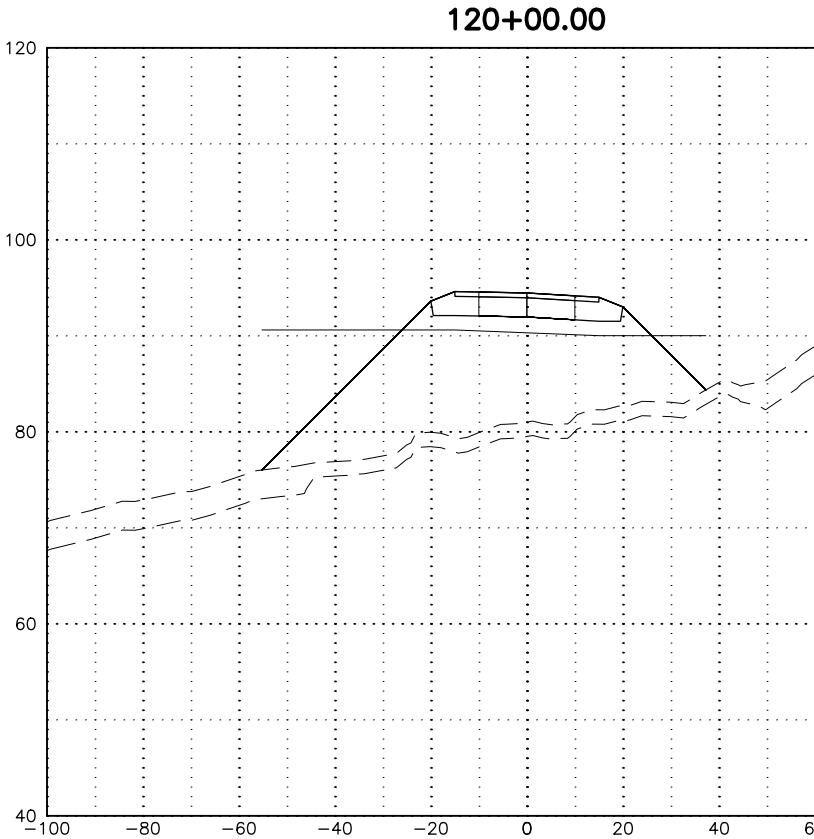
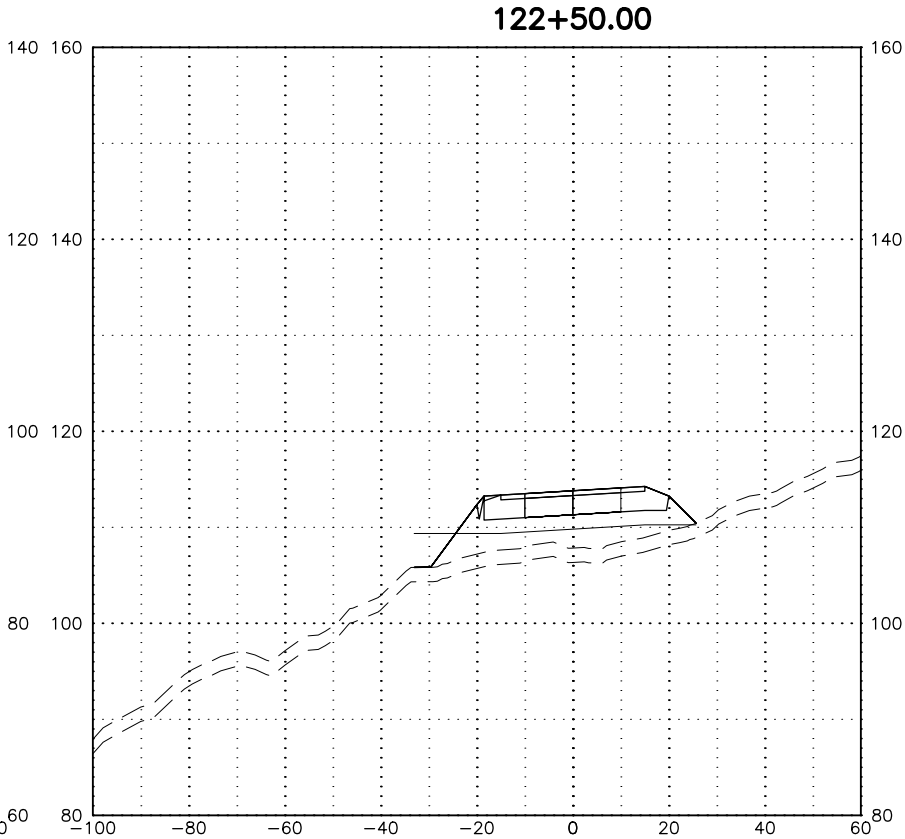
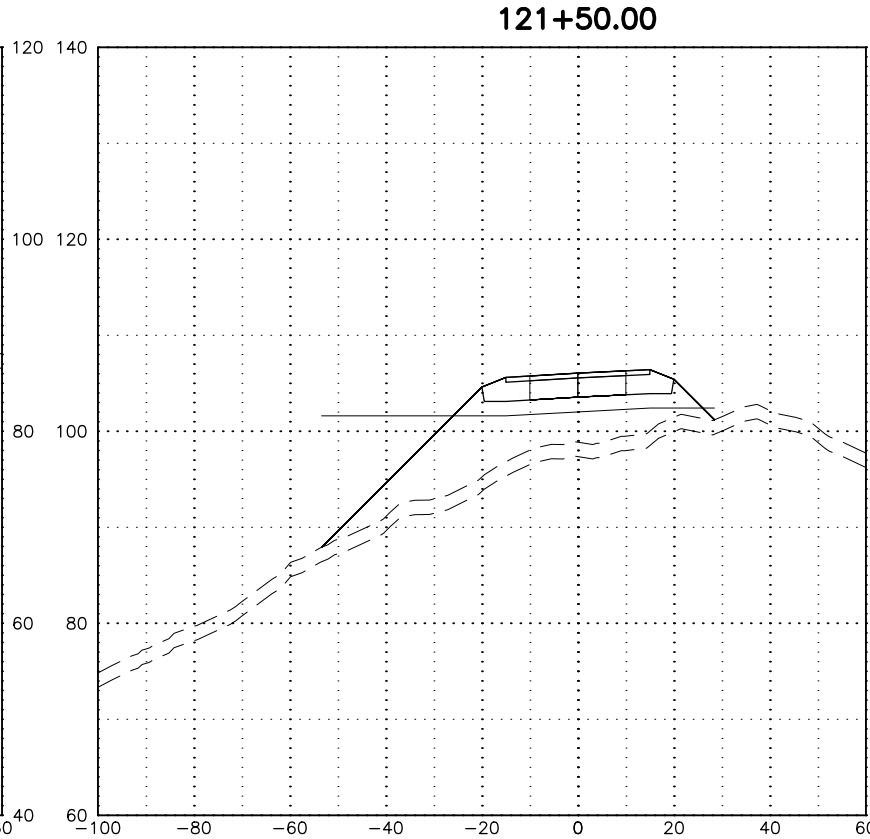
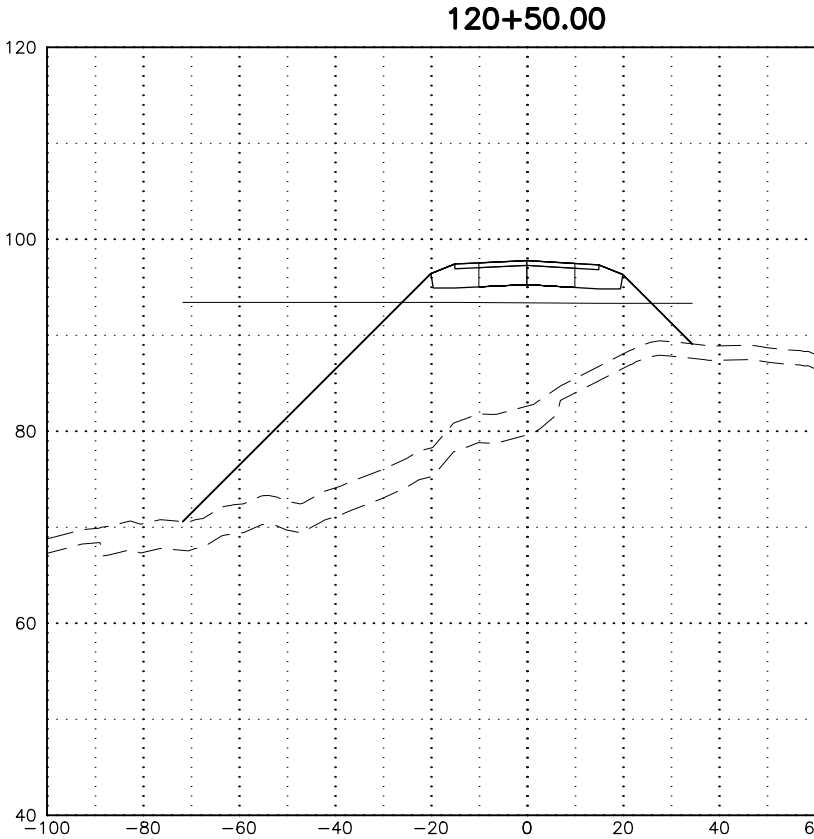
SHEET NO.	TOTAL SHEETS
X10	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



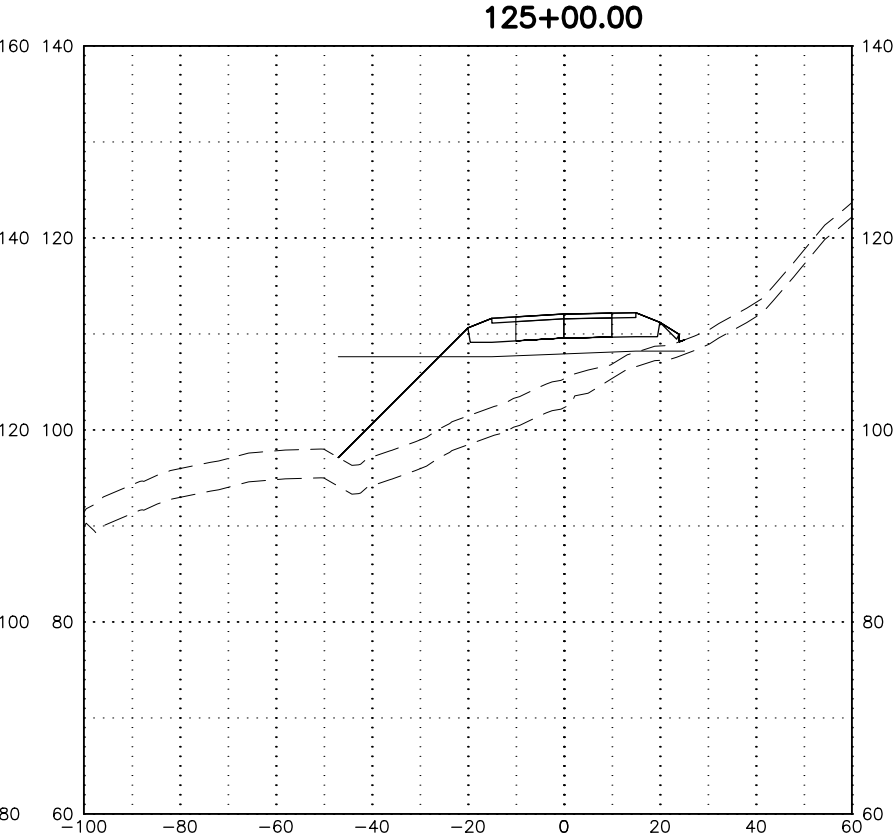
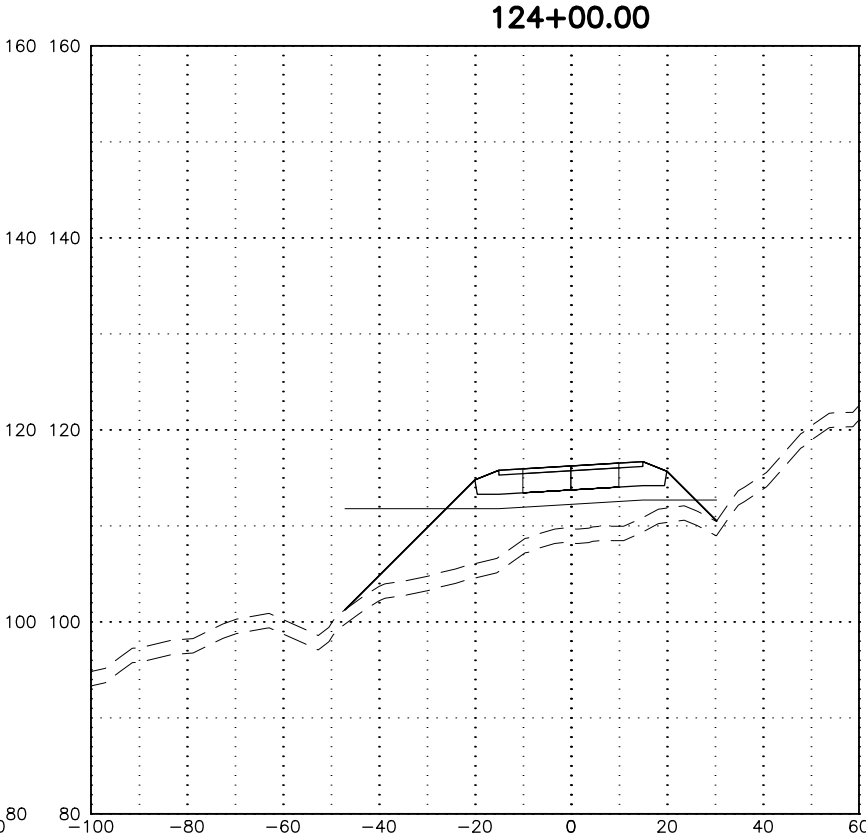
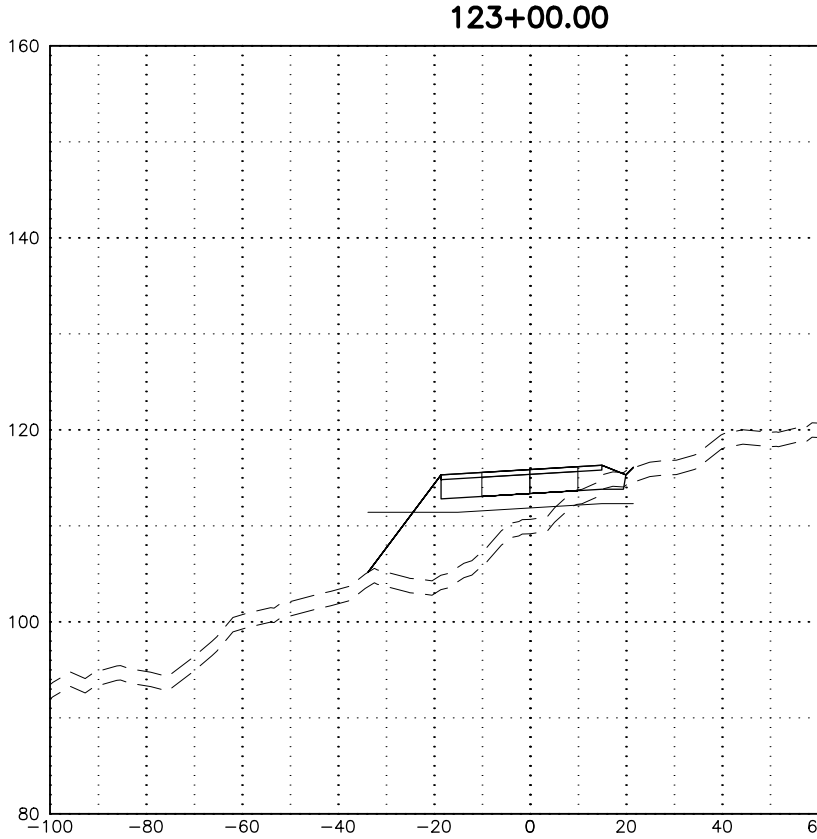
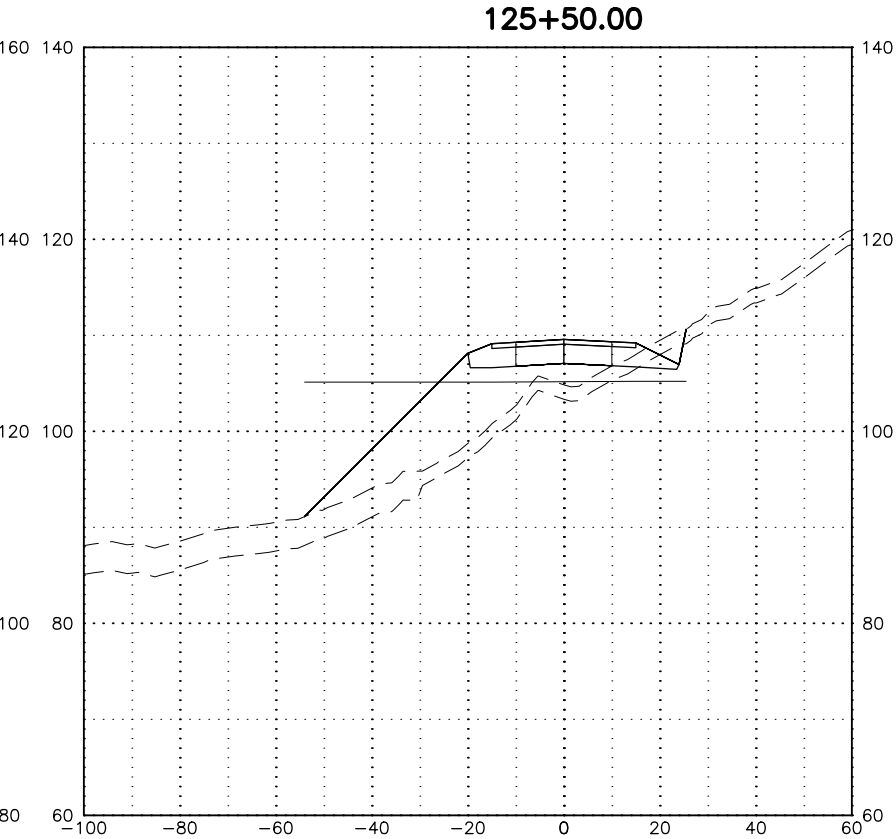
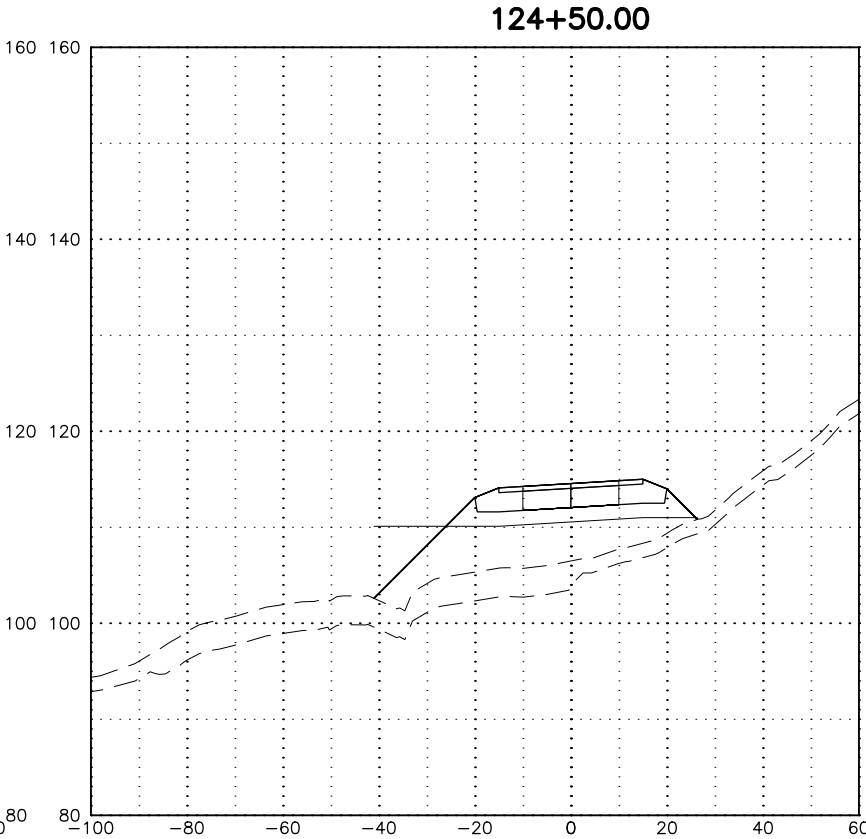
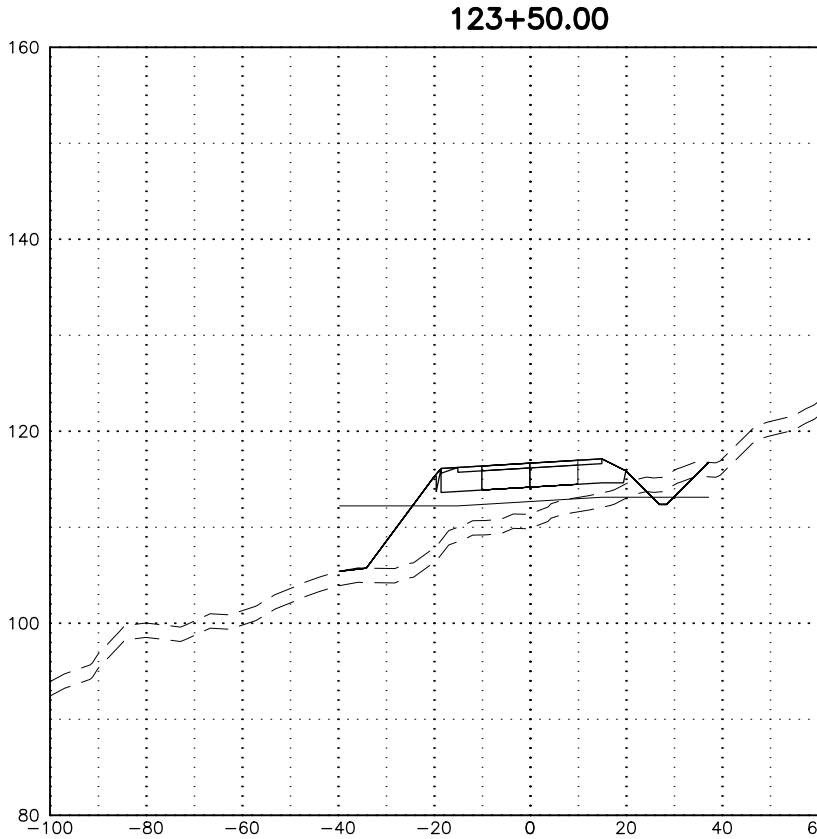
SHEET NO.	TOTAL SHEETS
X11	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



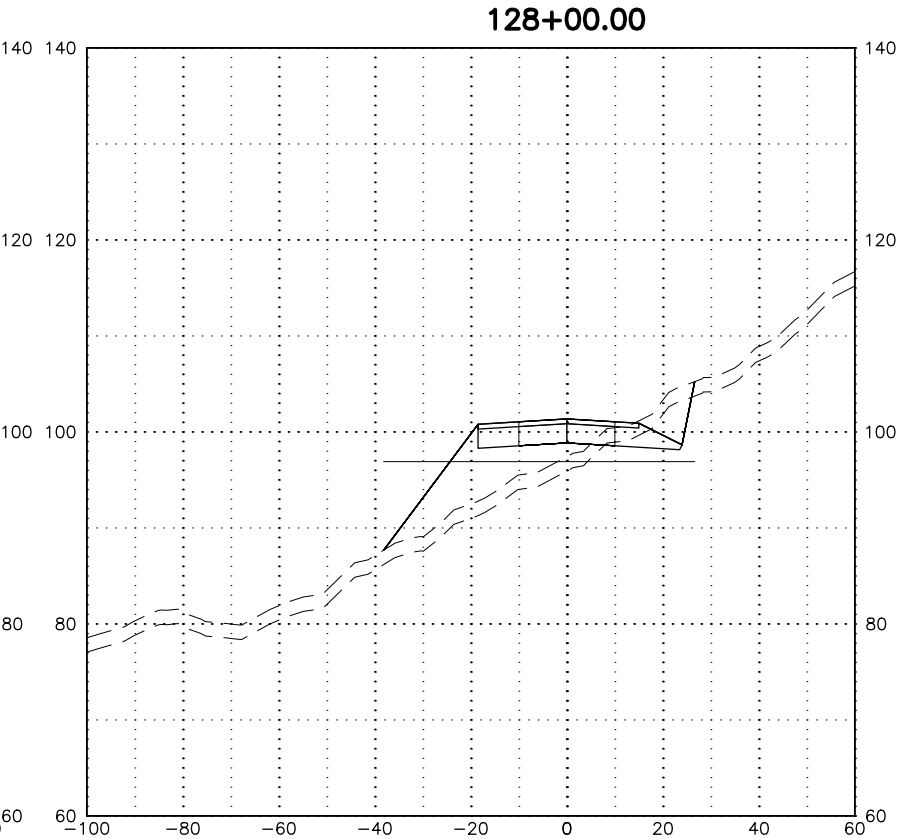
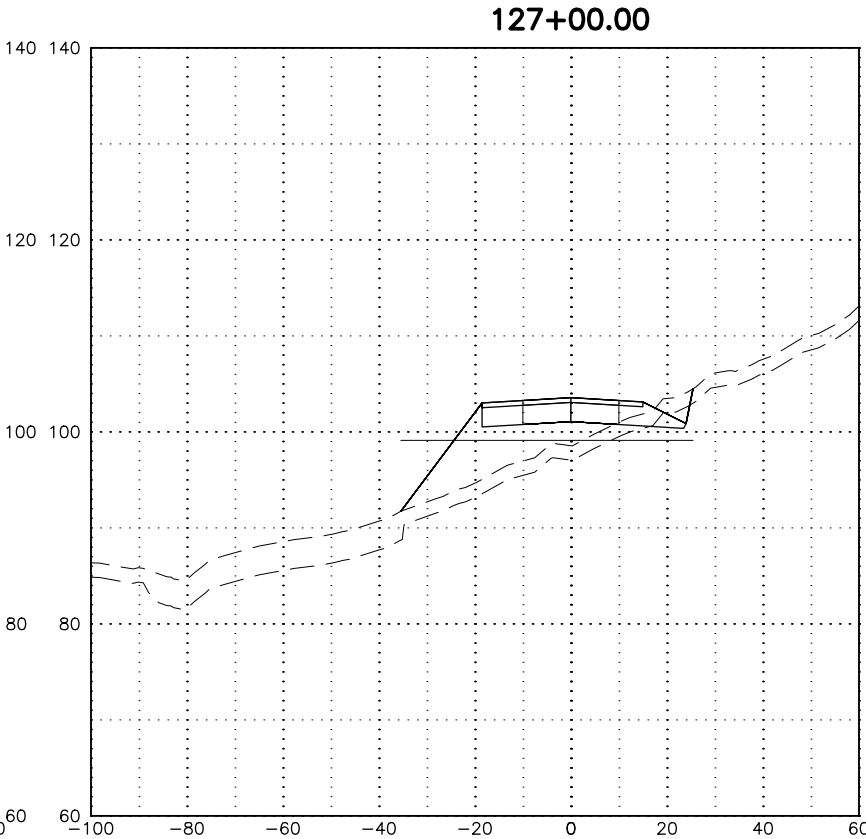
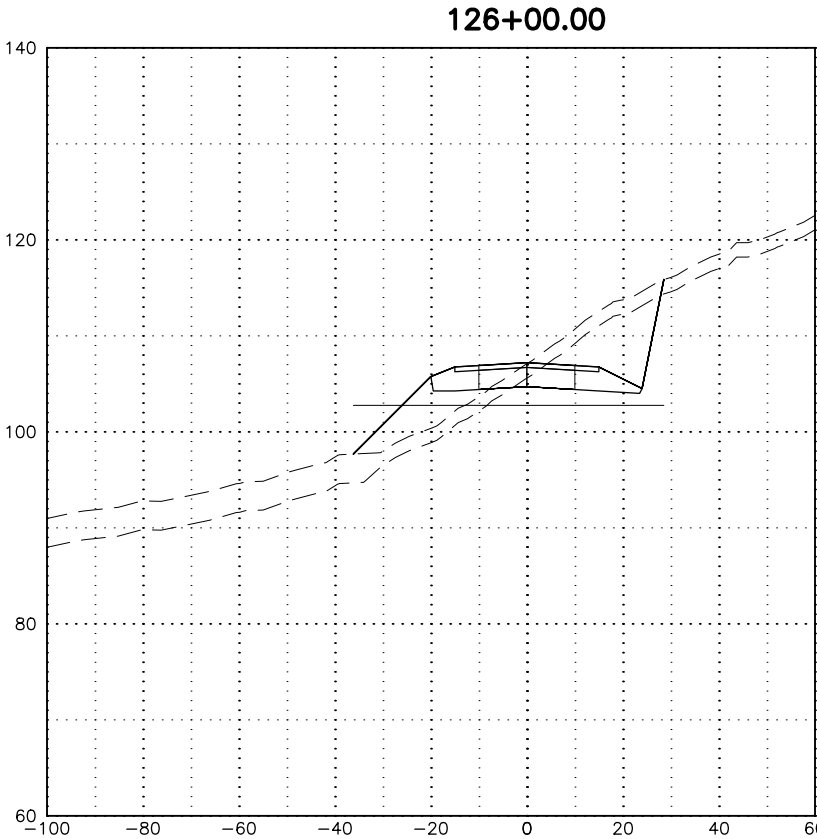
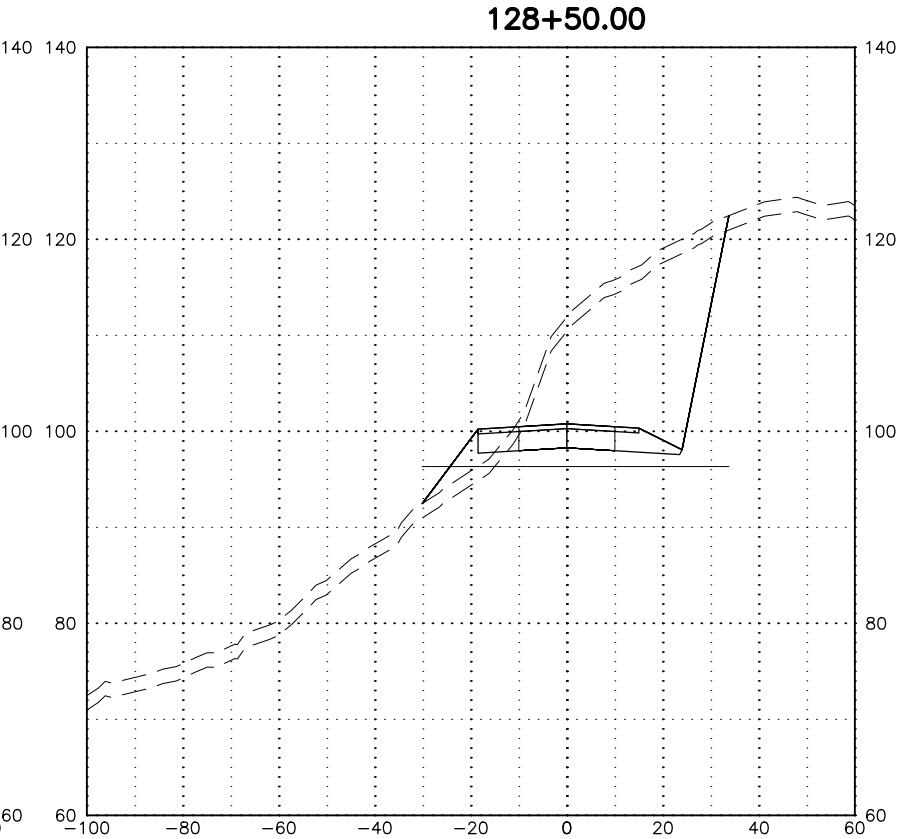
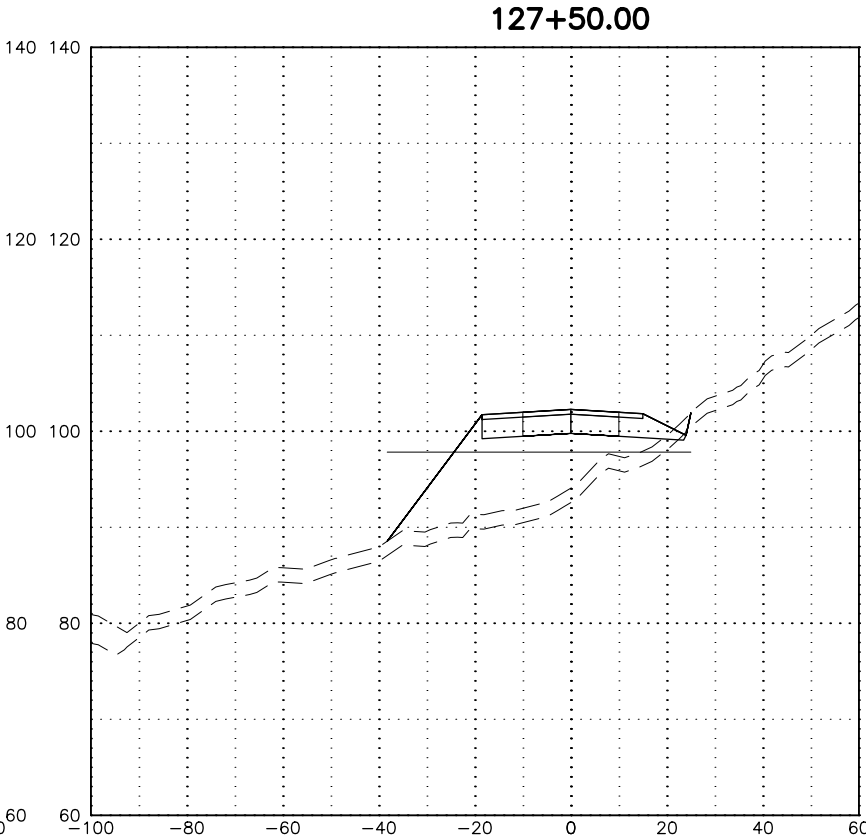
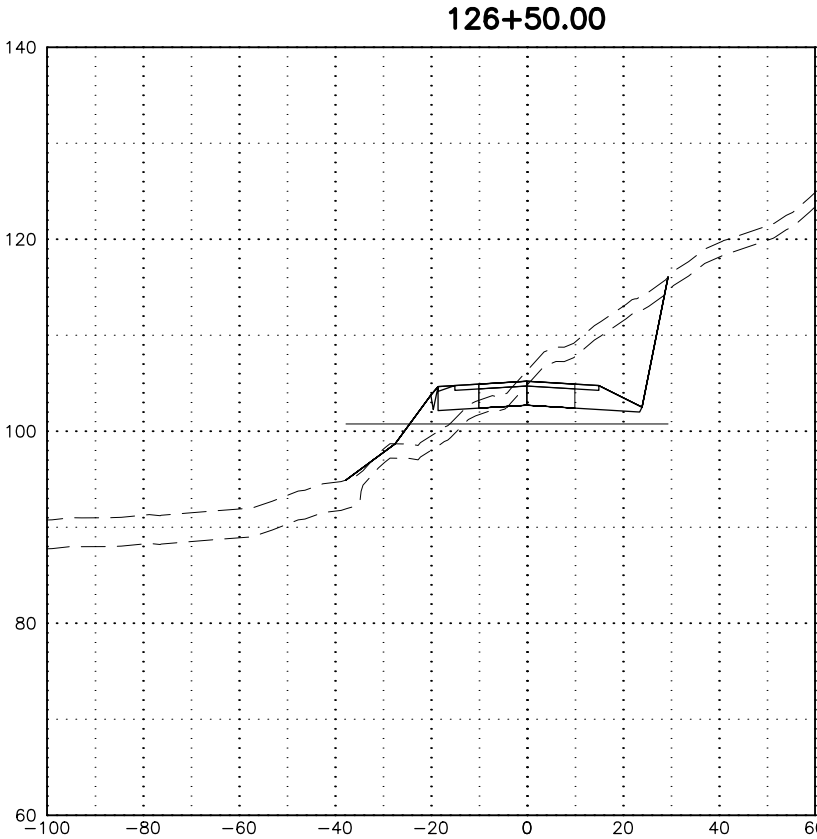
SHEET NO.	TOTAL SHEETS
X12	X94
STATE	YEAR
ALASKA	2022
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NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

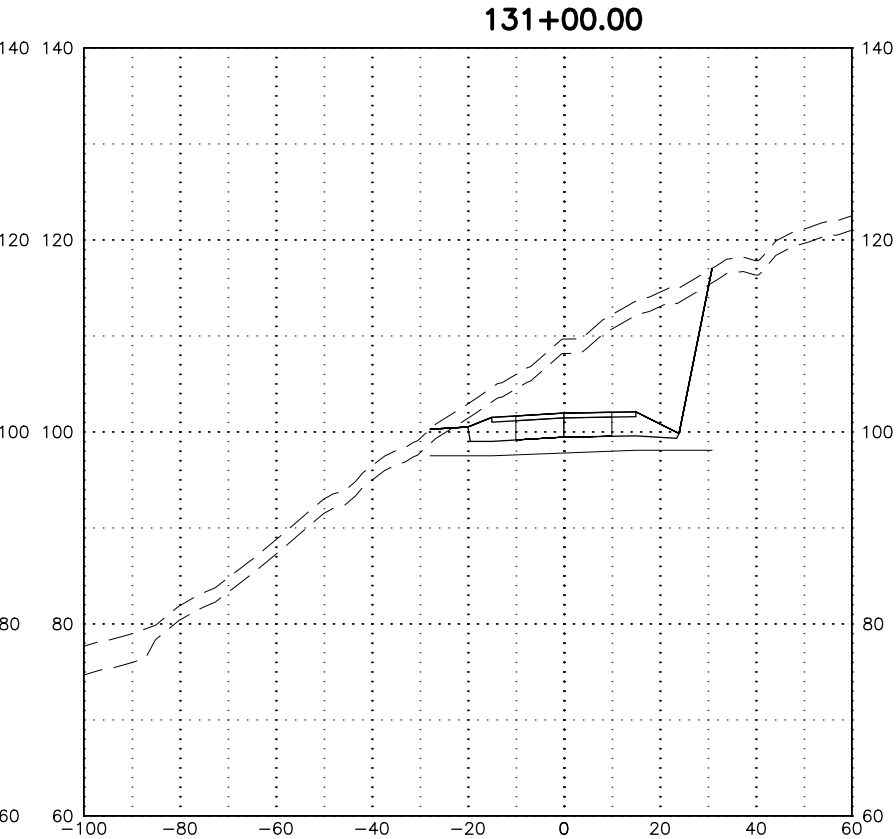
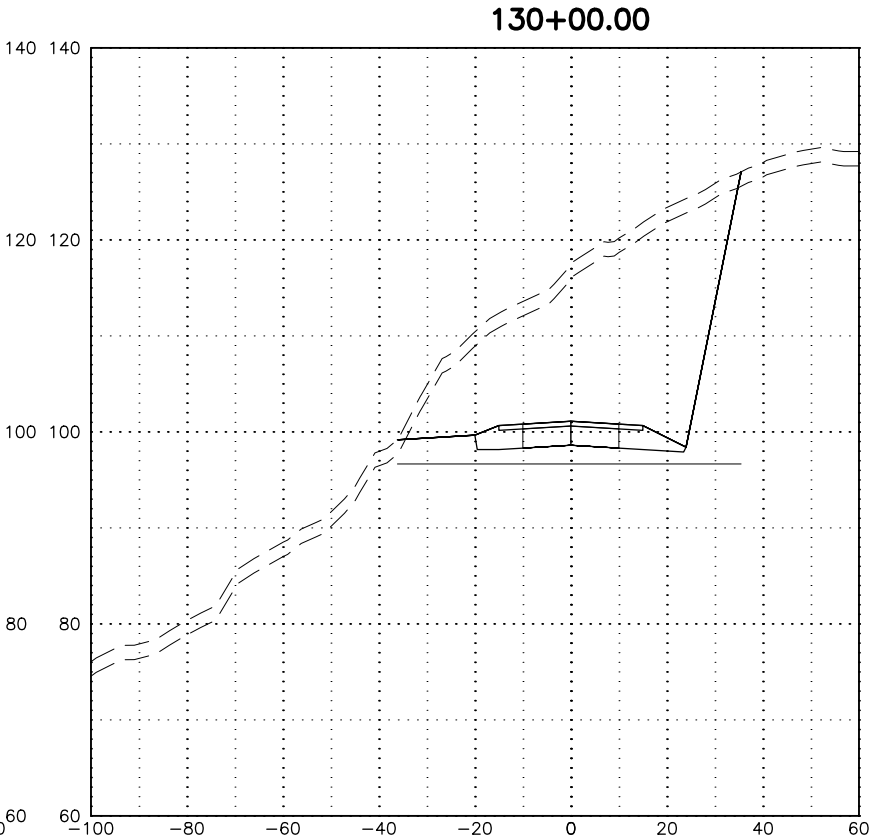
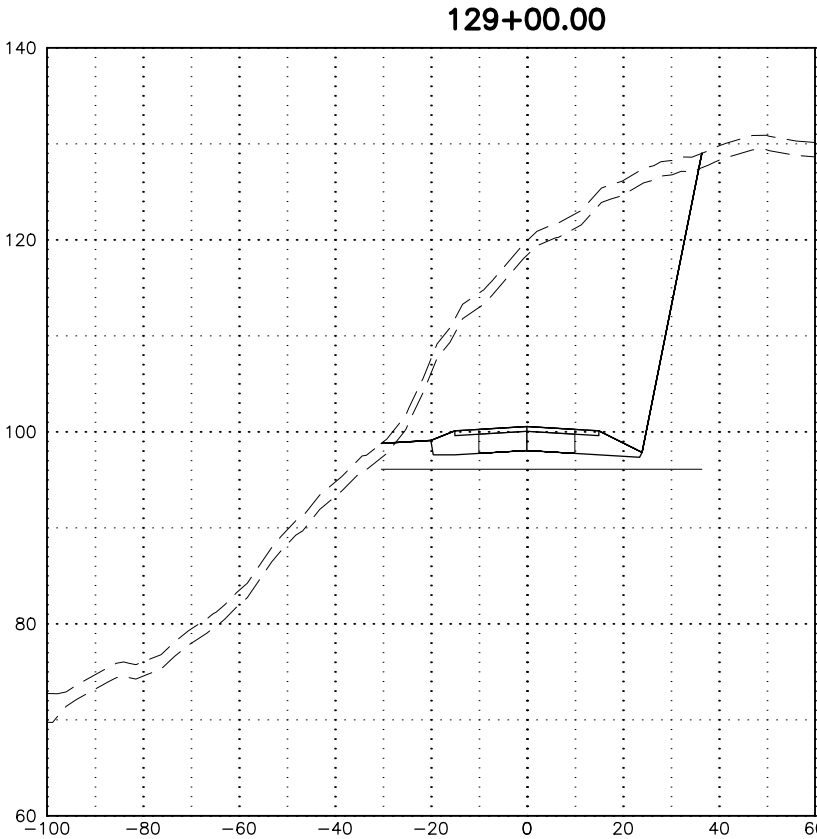
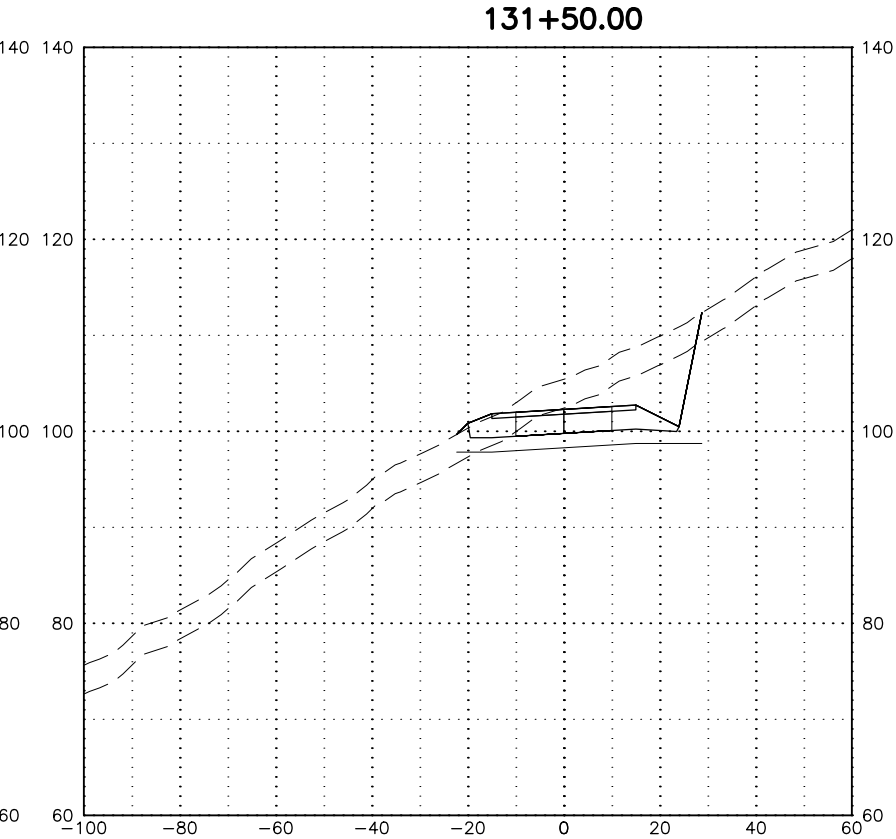
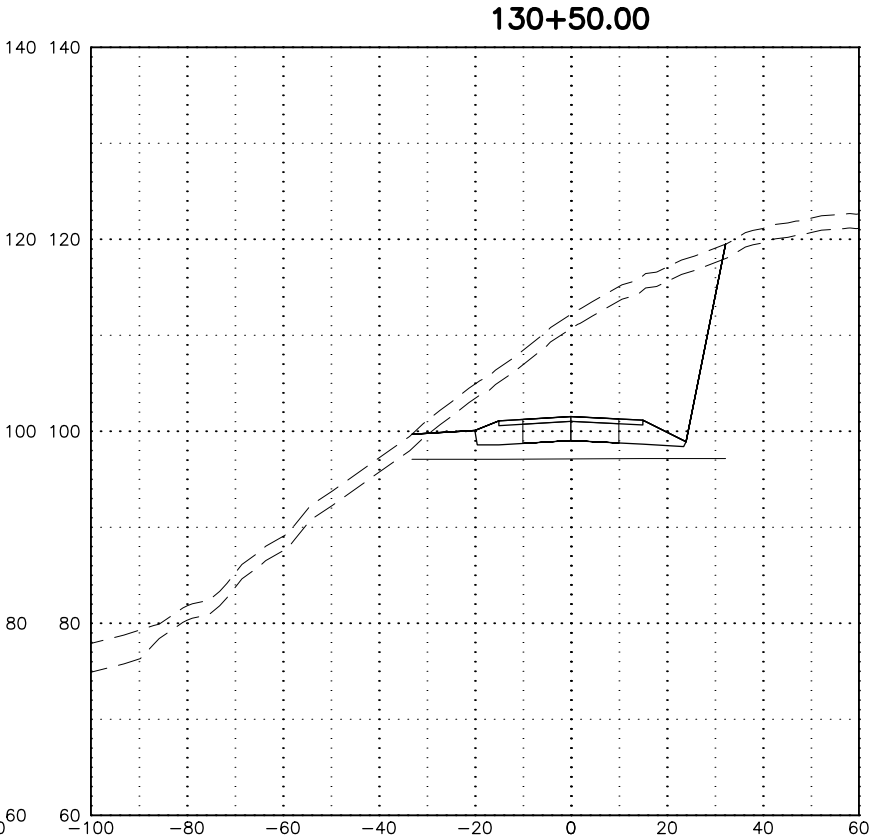
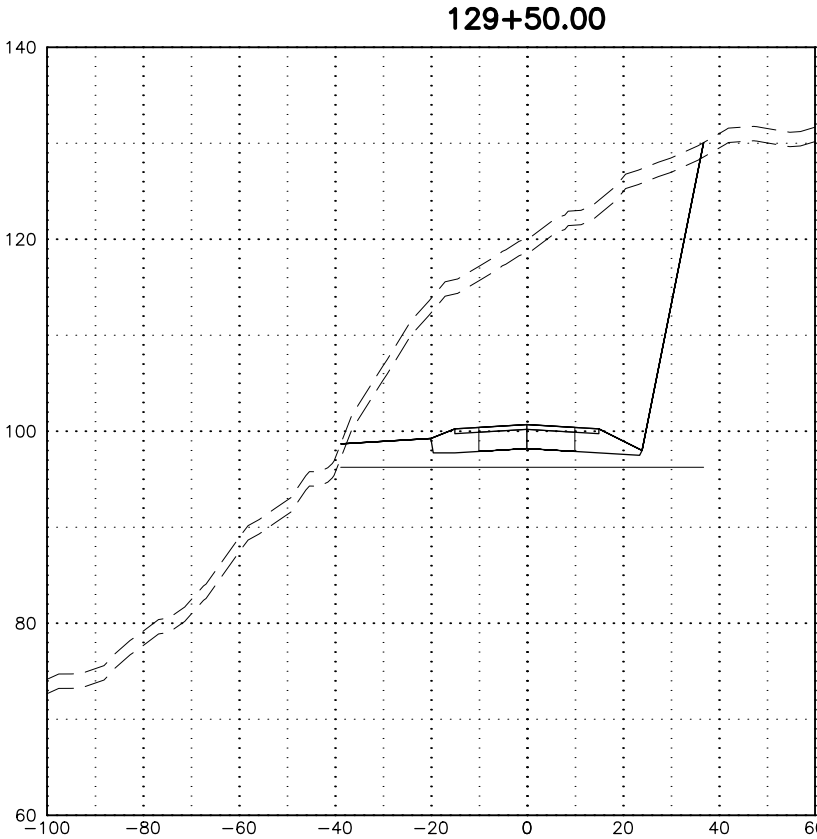


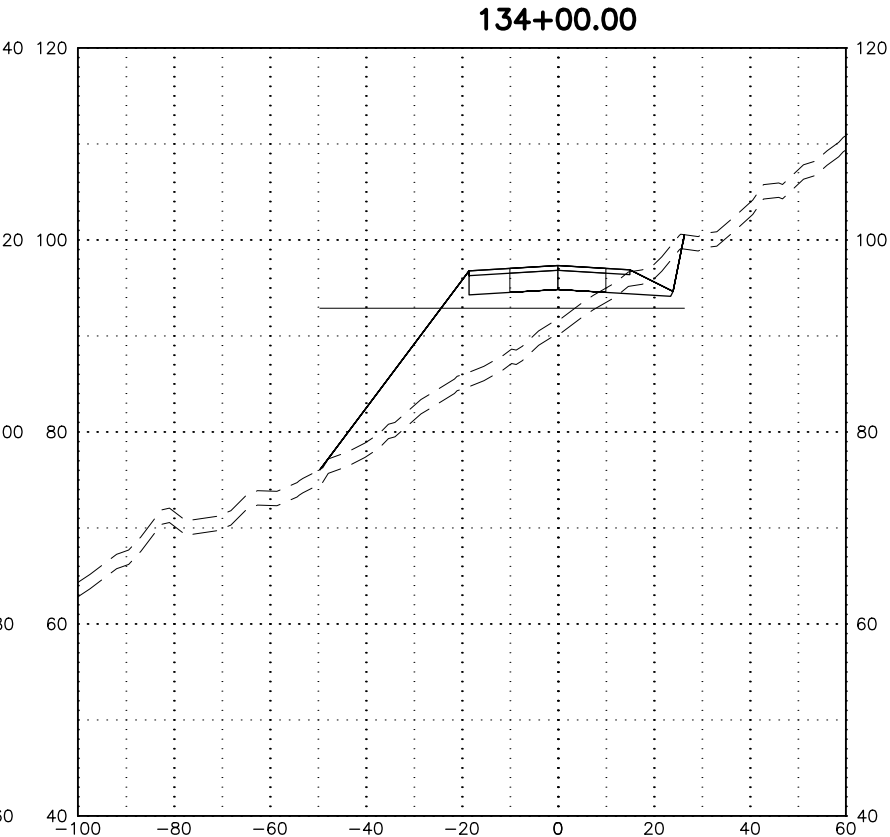
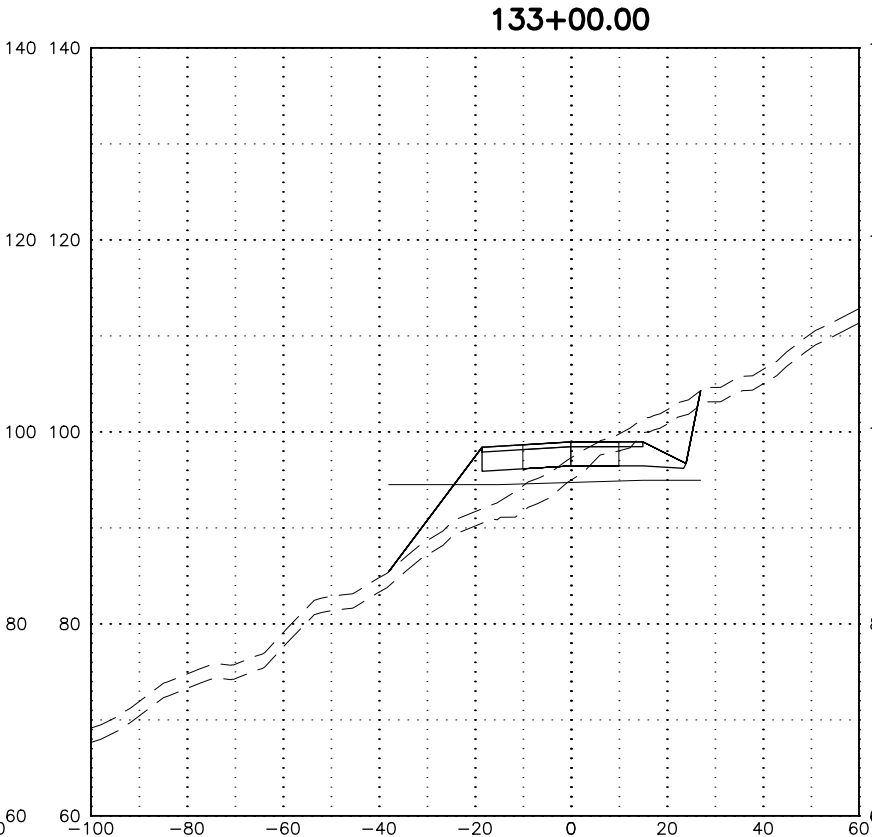
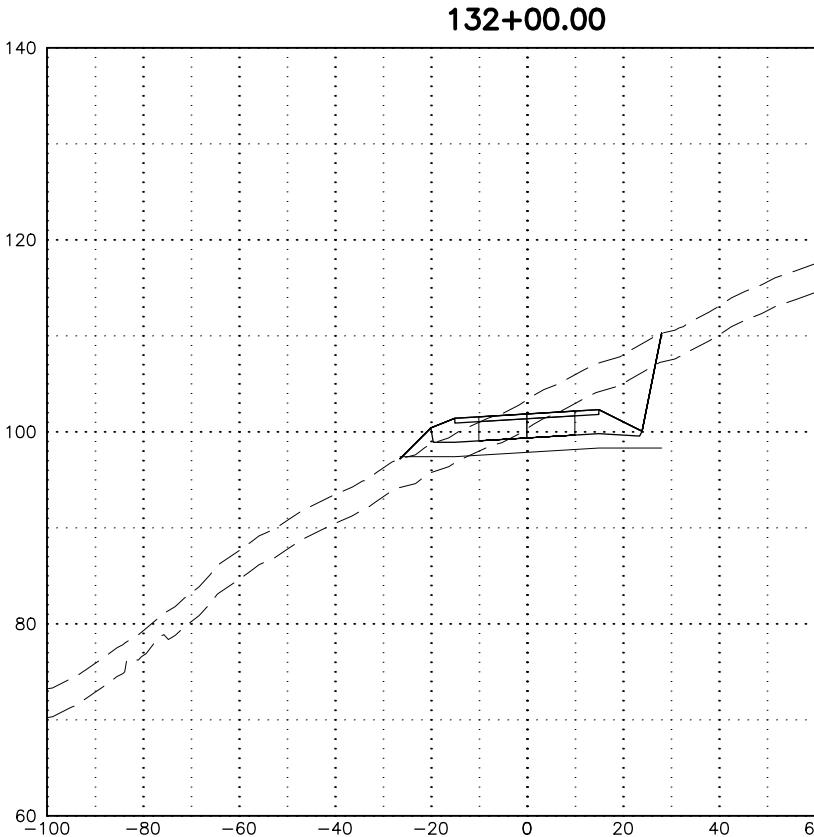
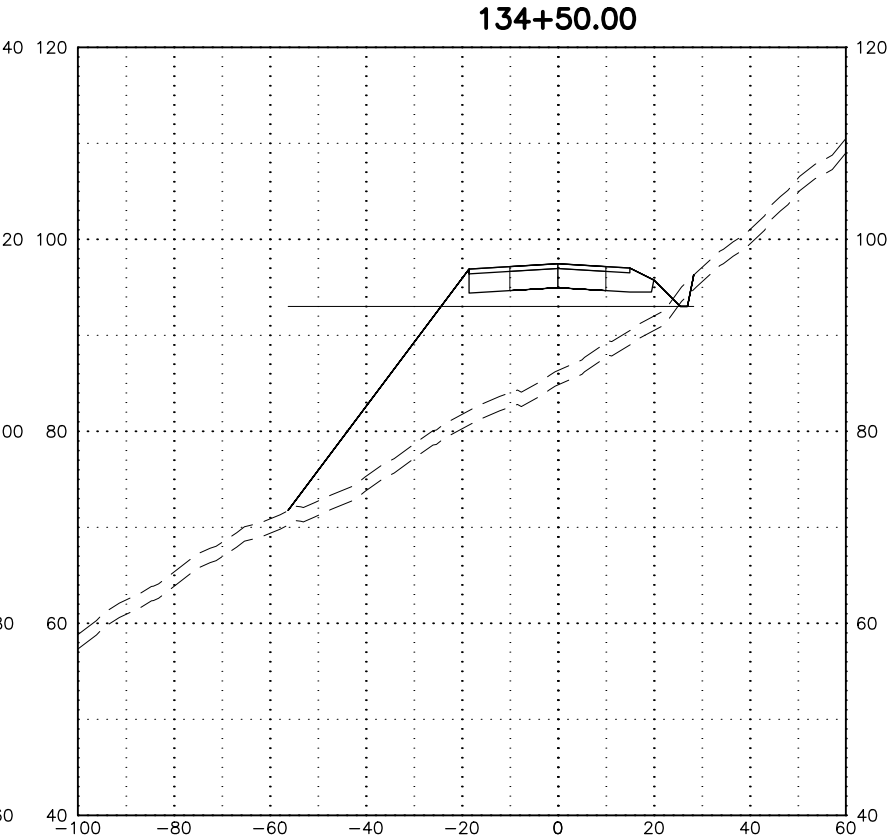
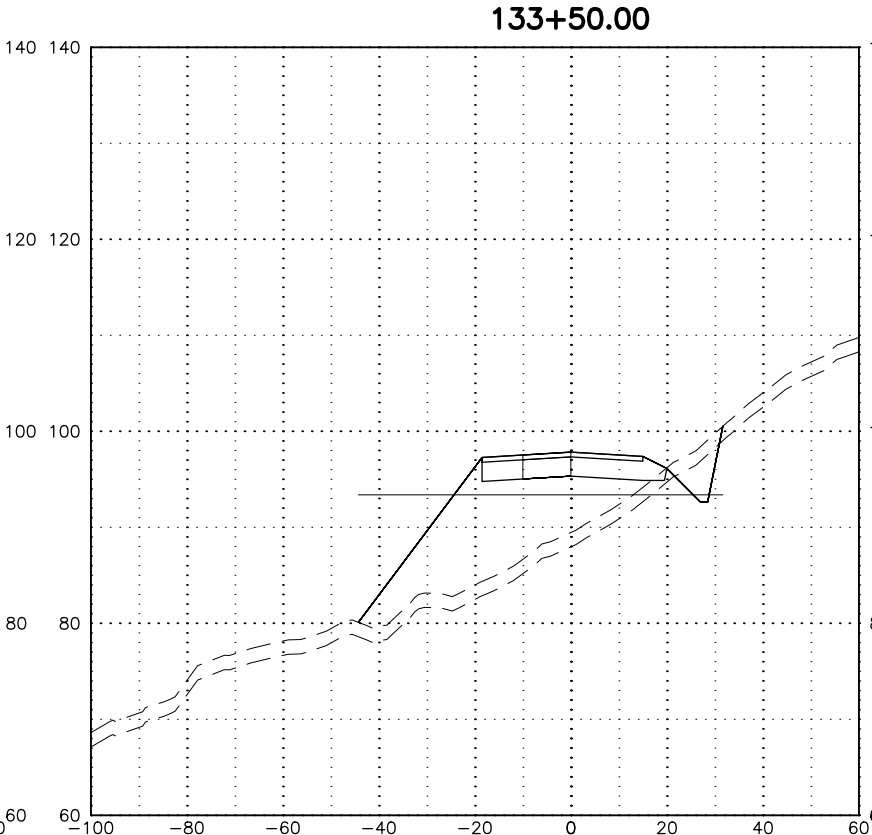
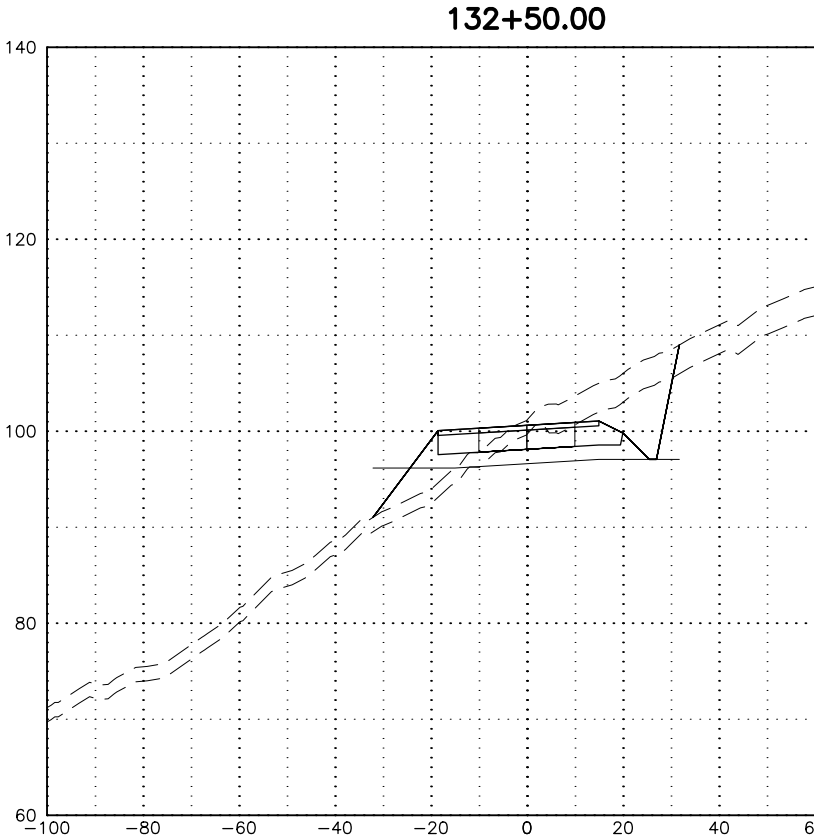
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE







SHEET NO.	TOTAL SHEETS
X15	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

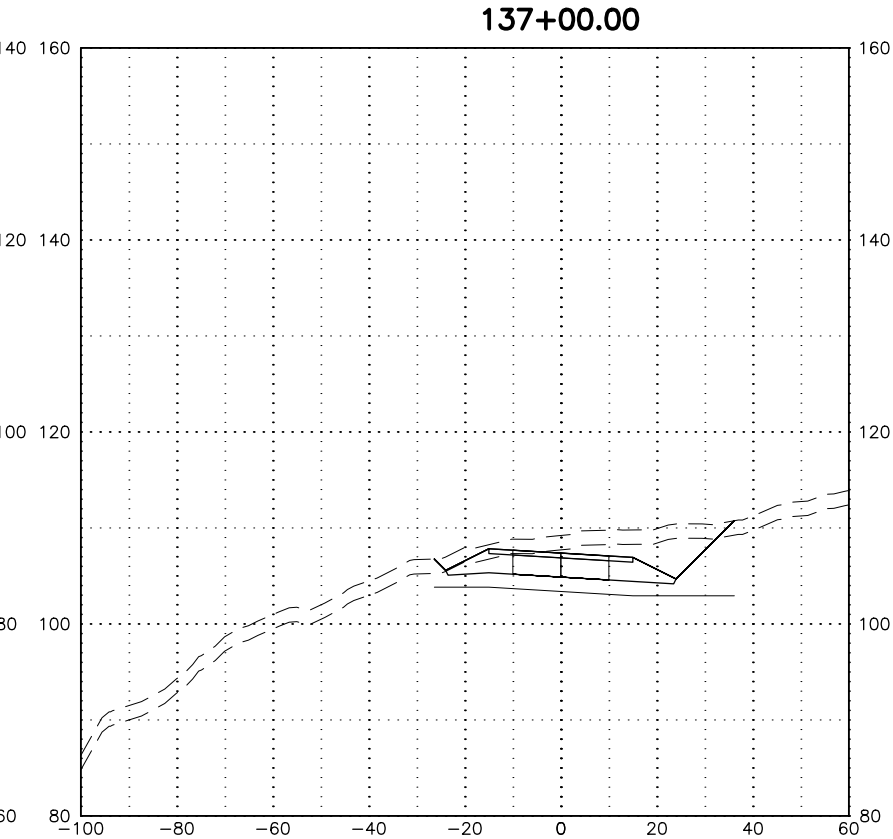
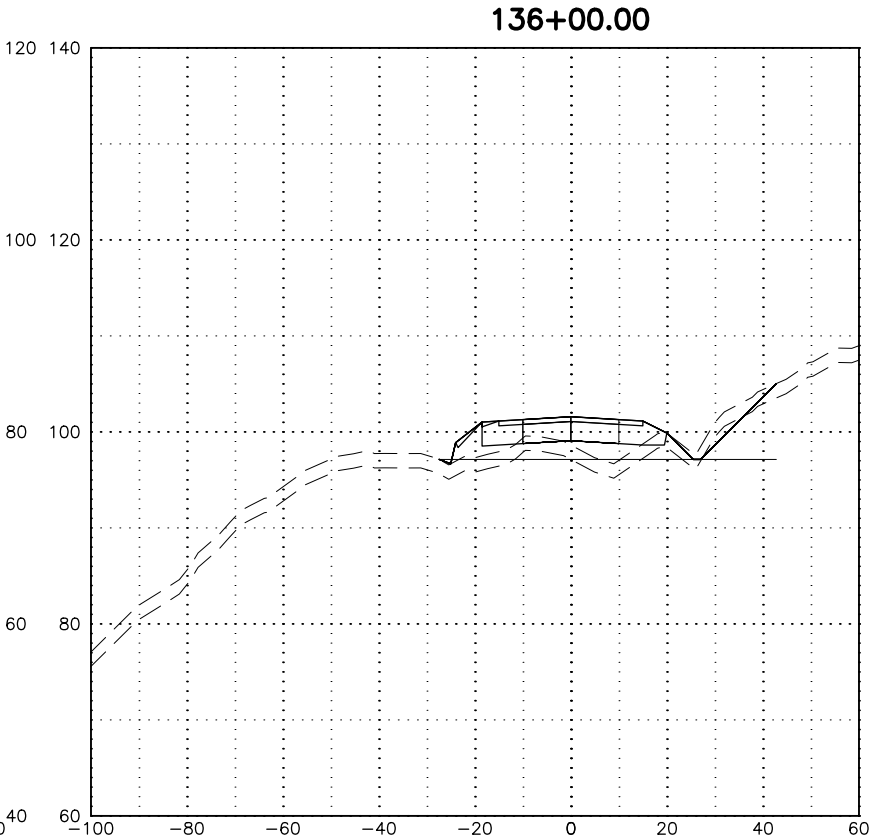
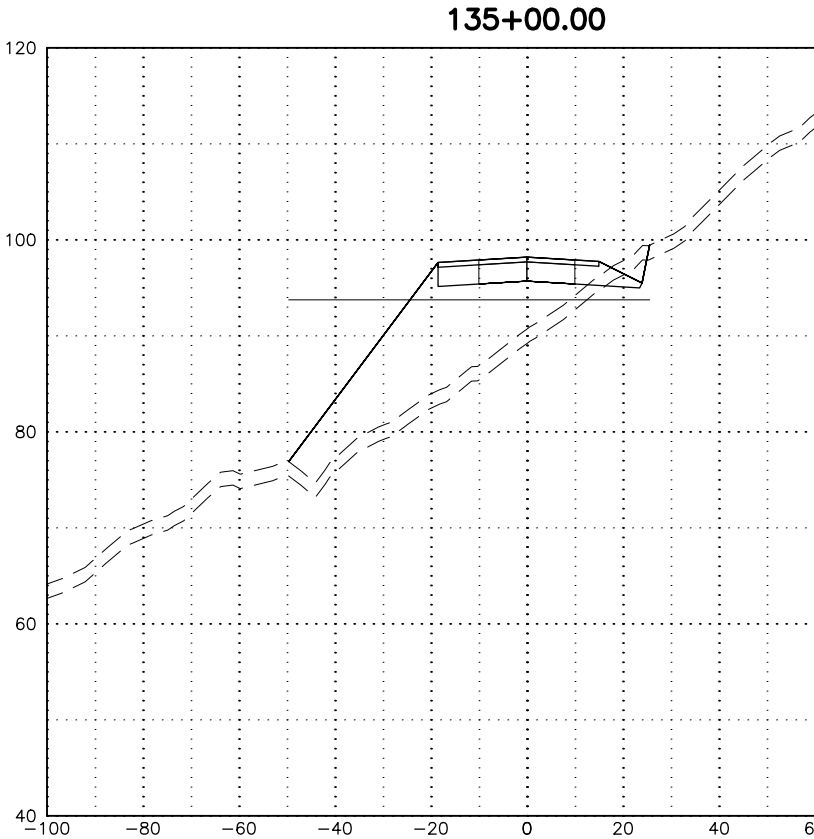
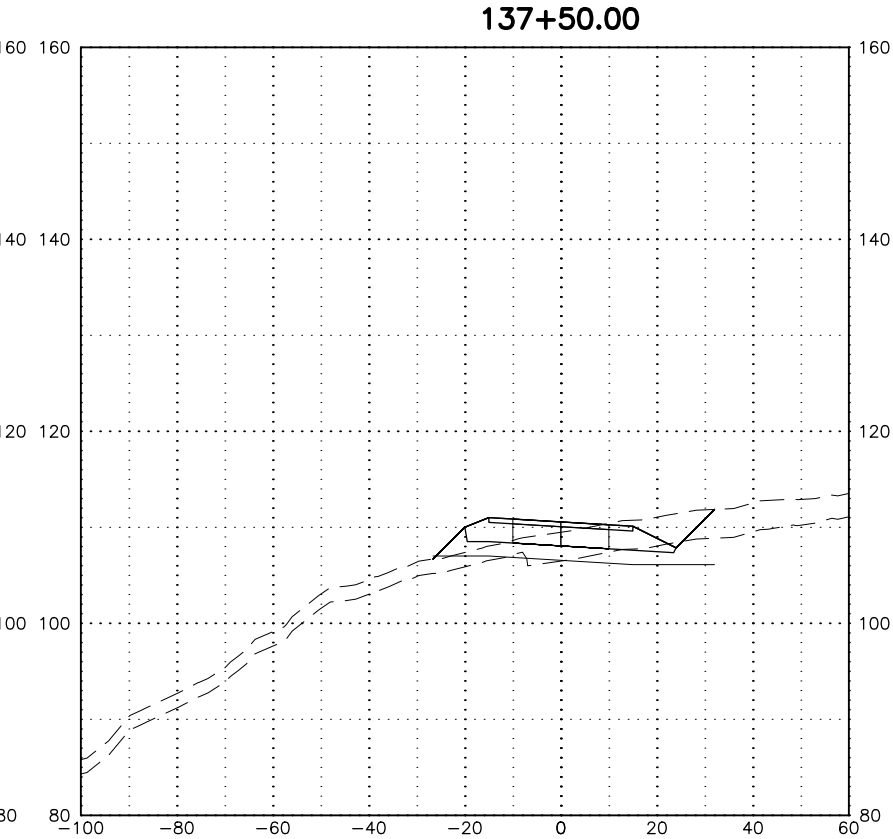
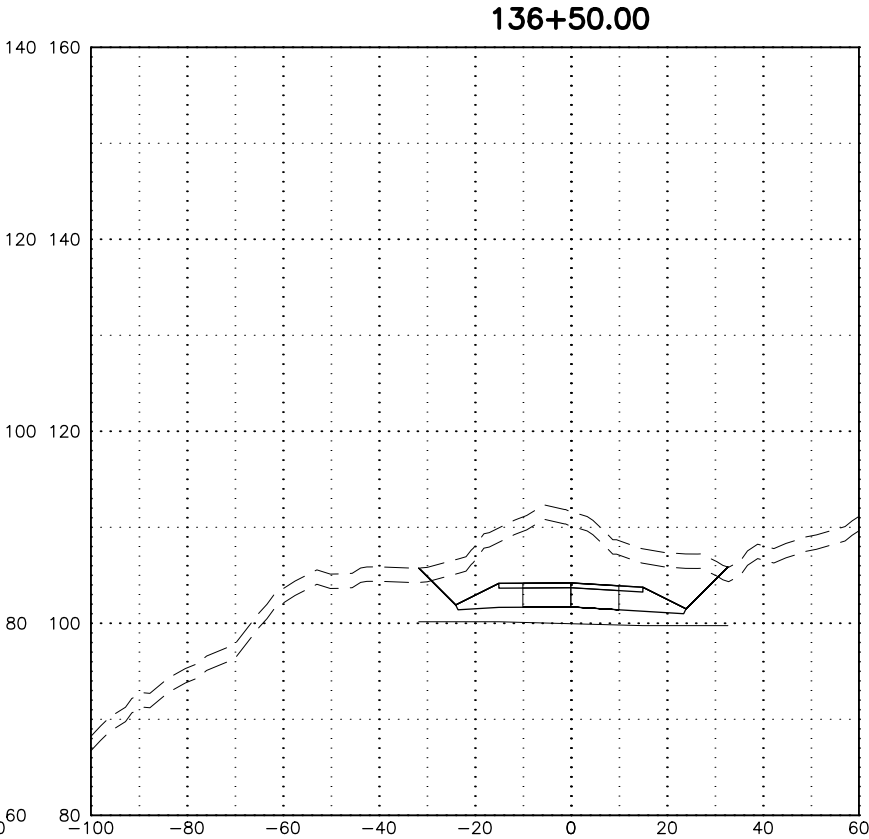
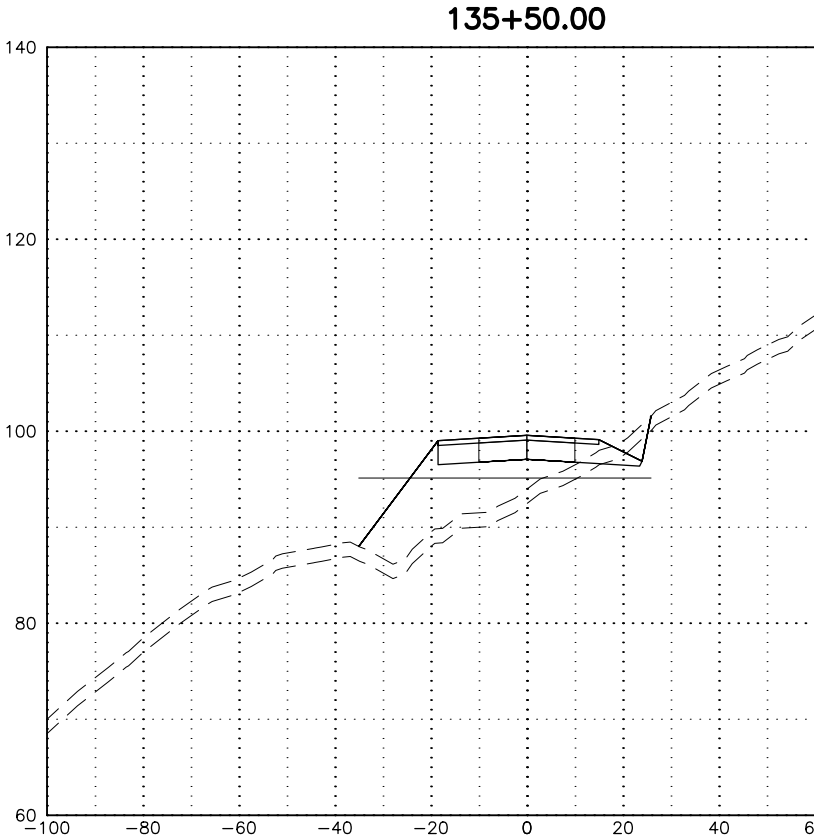
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD., SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

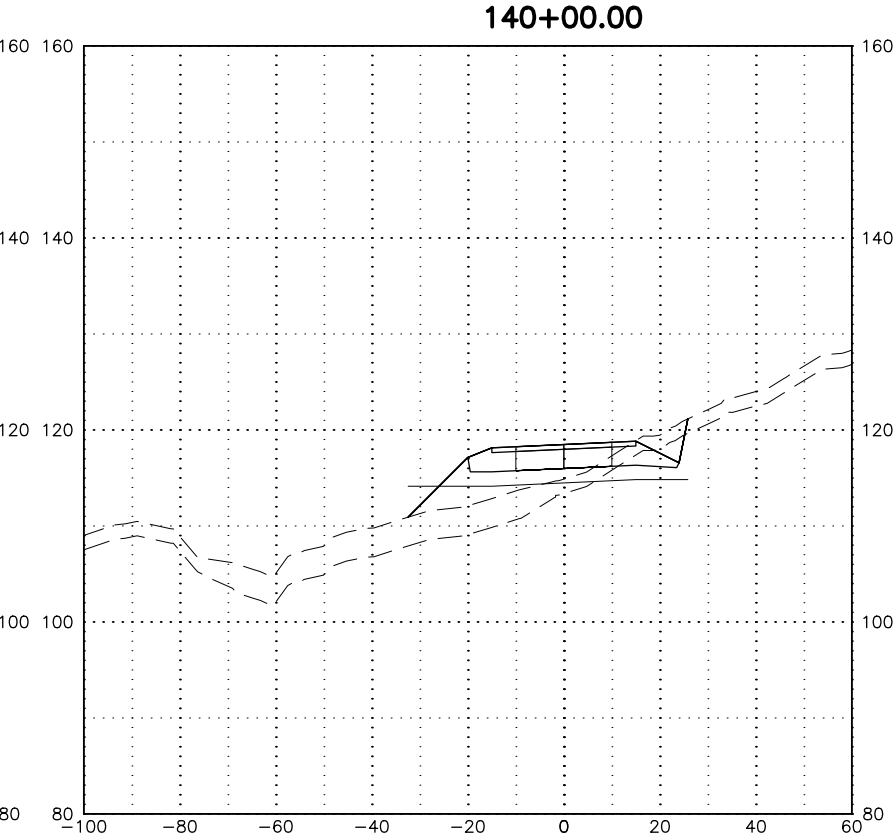
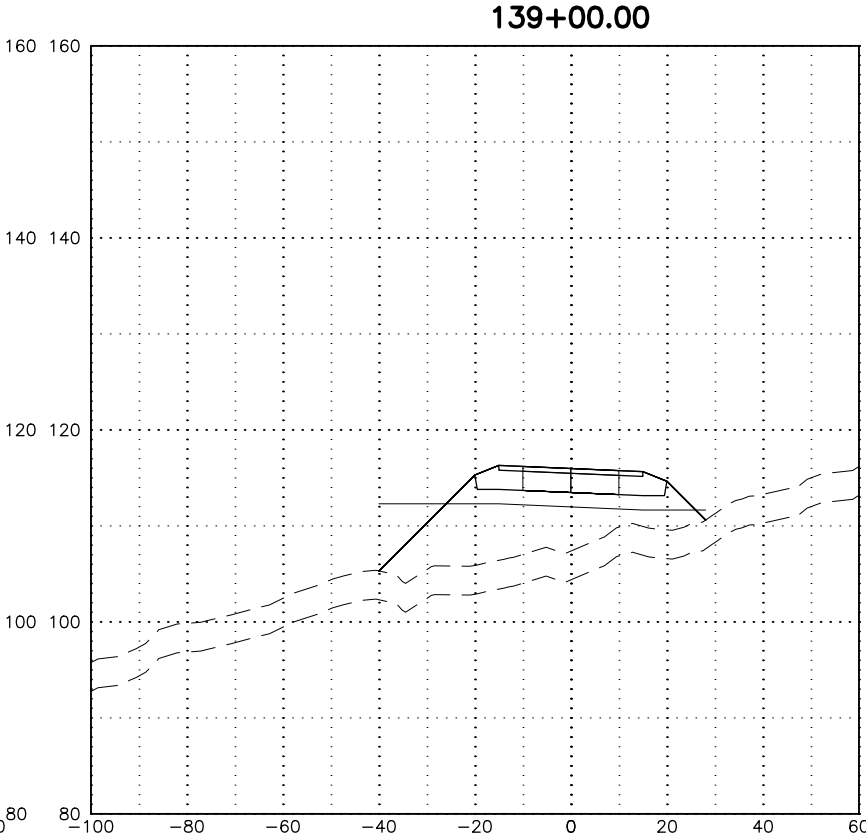
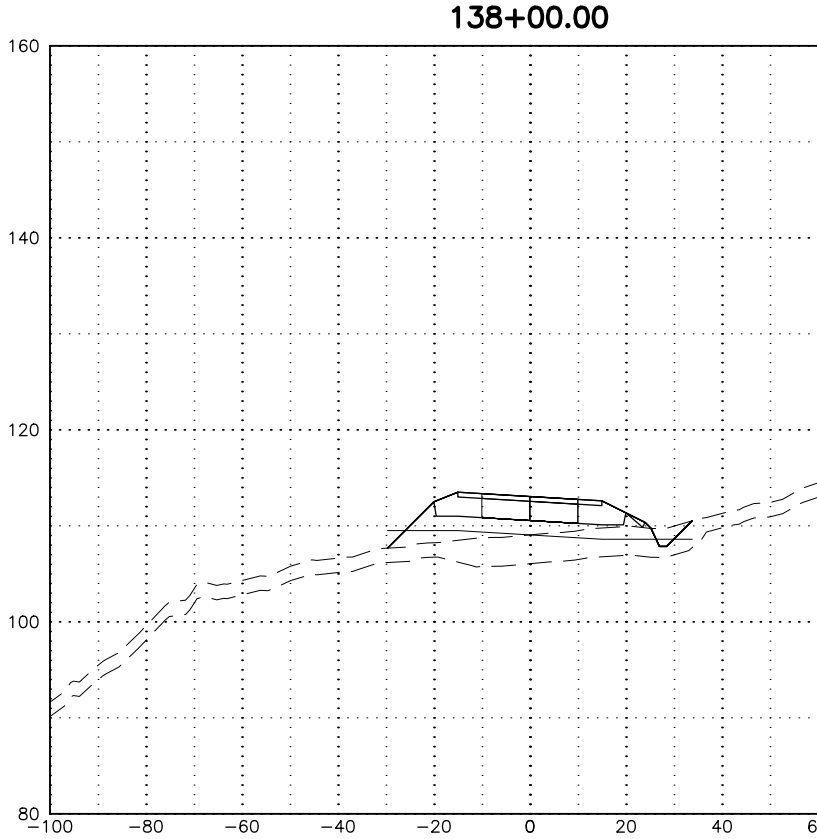
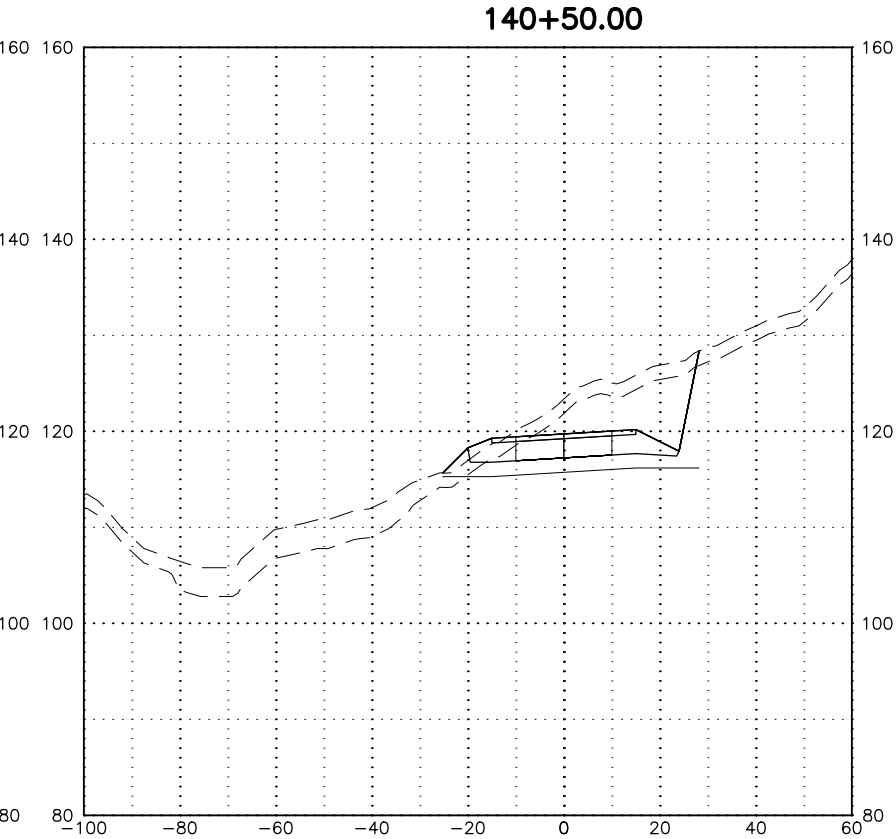
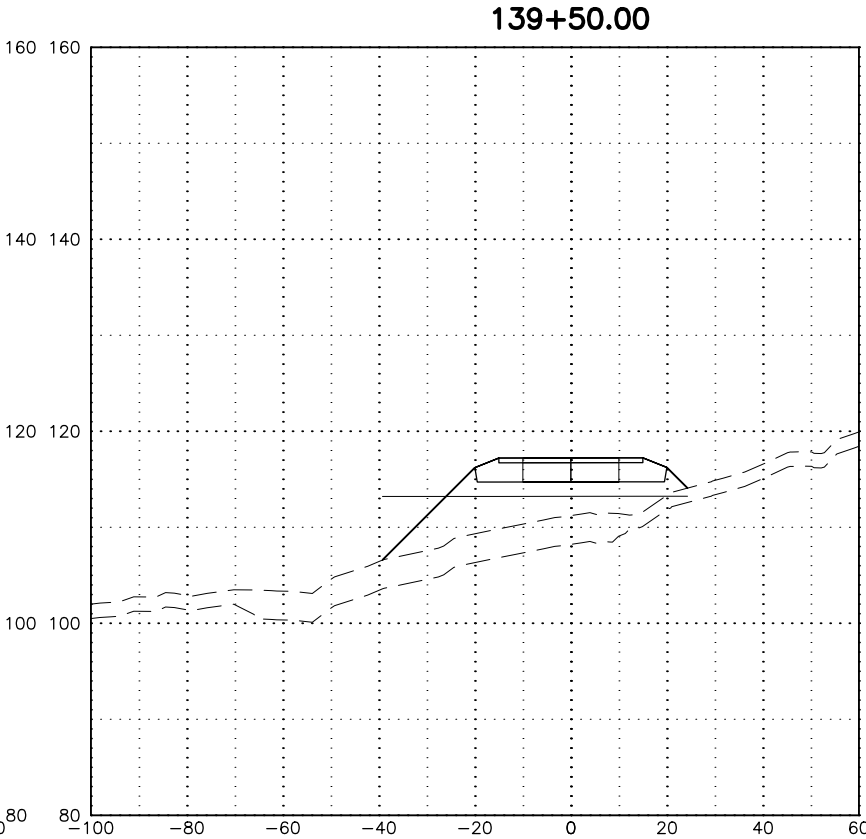
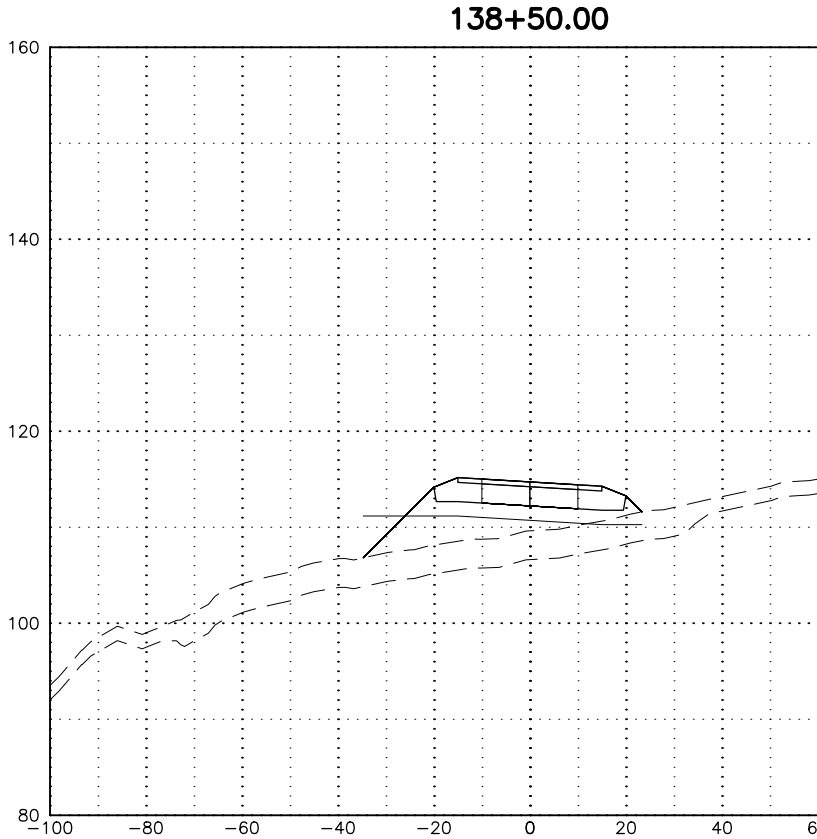
CITY OF WHITTIER

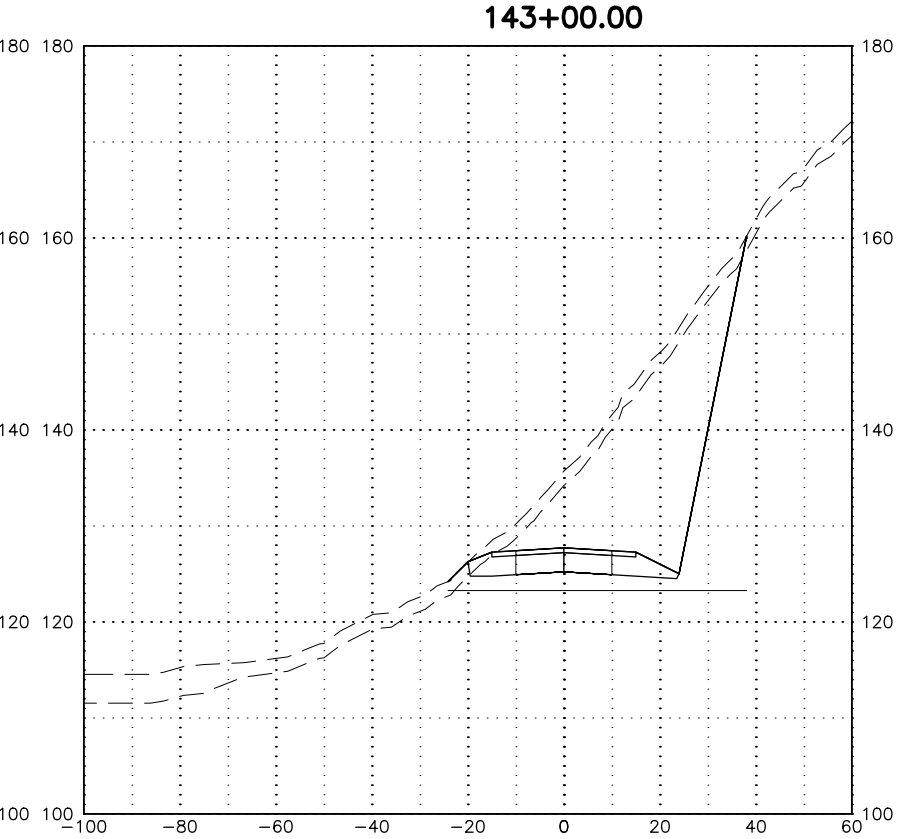
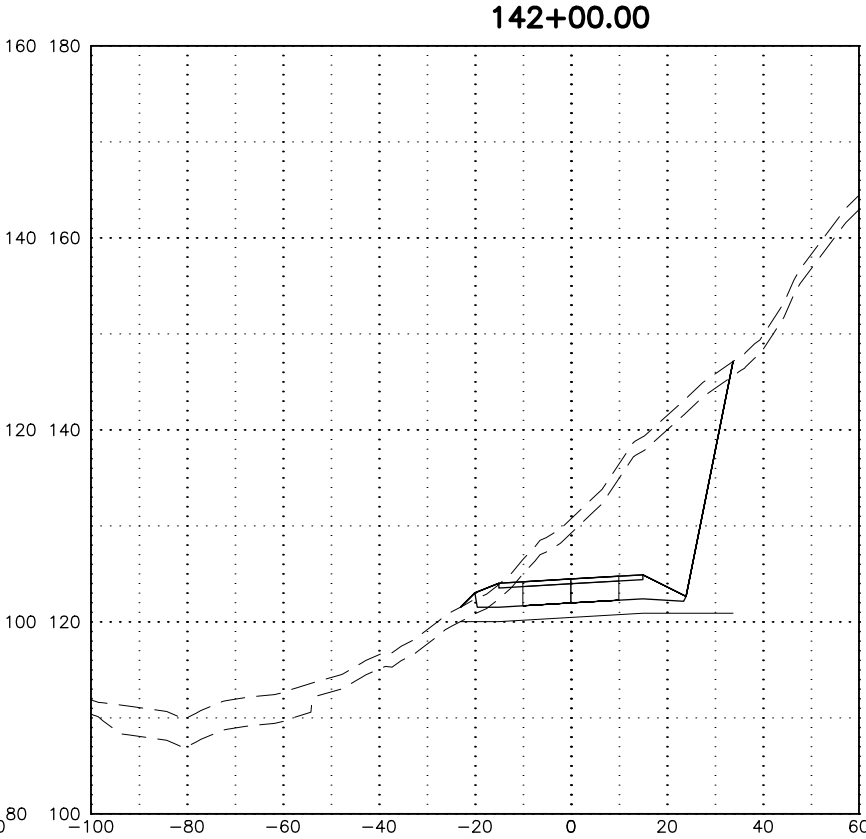
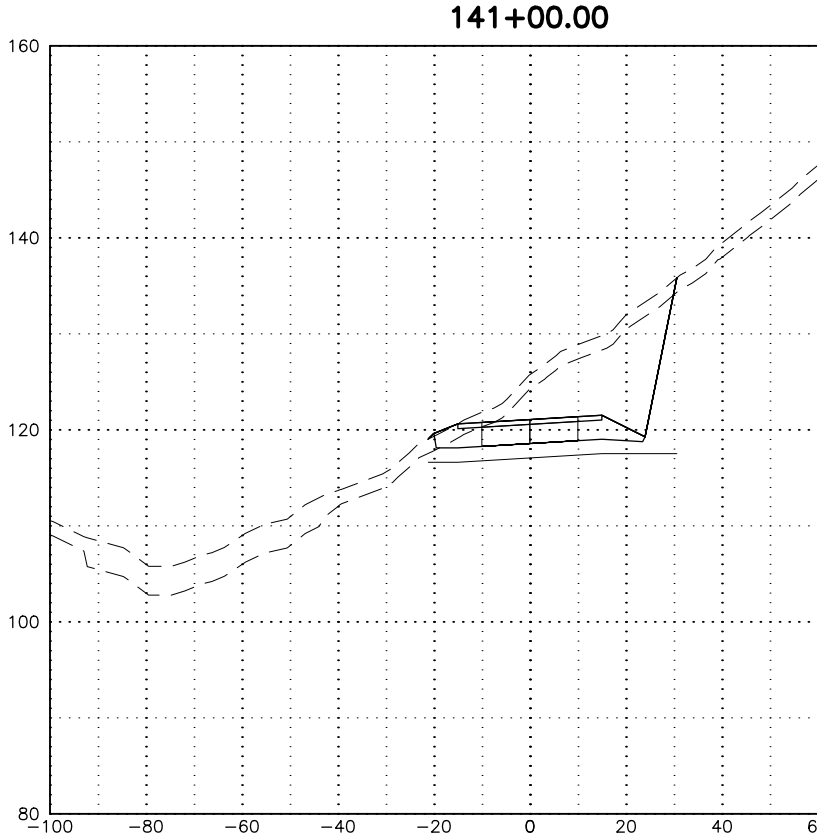
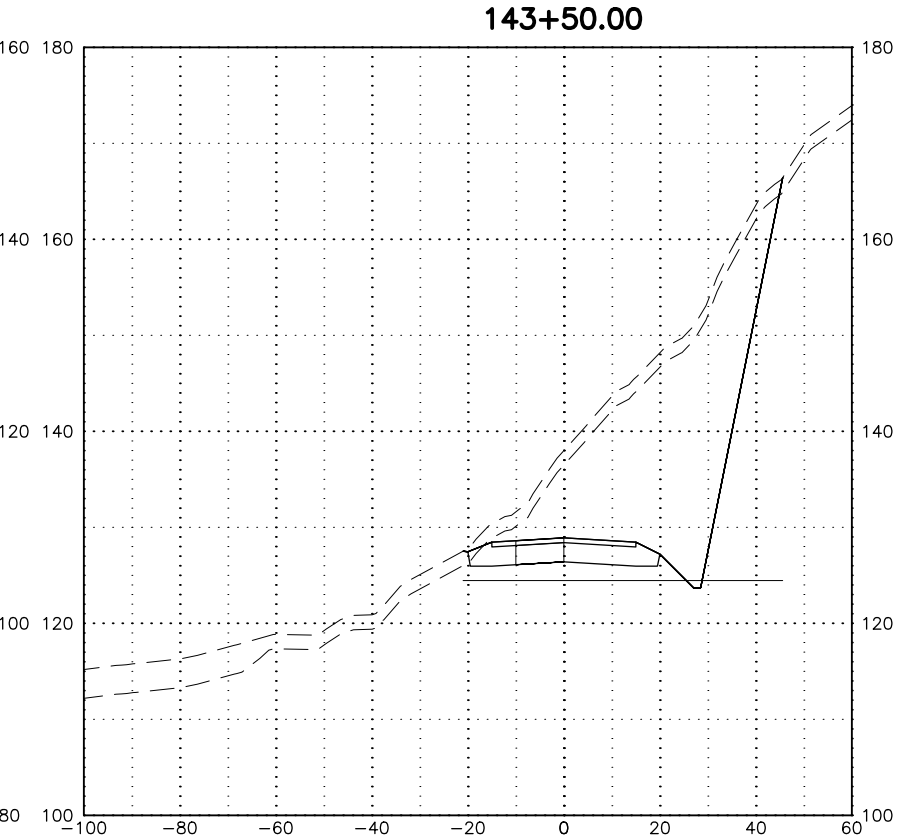
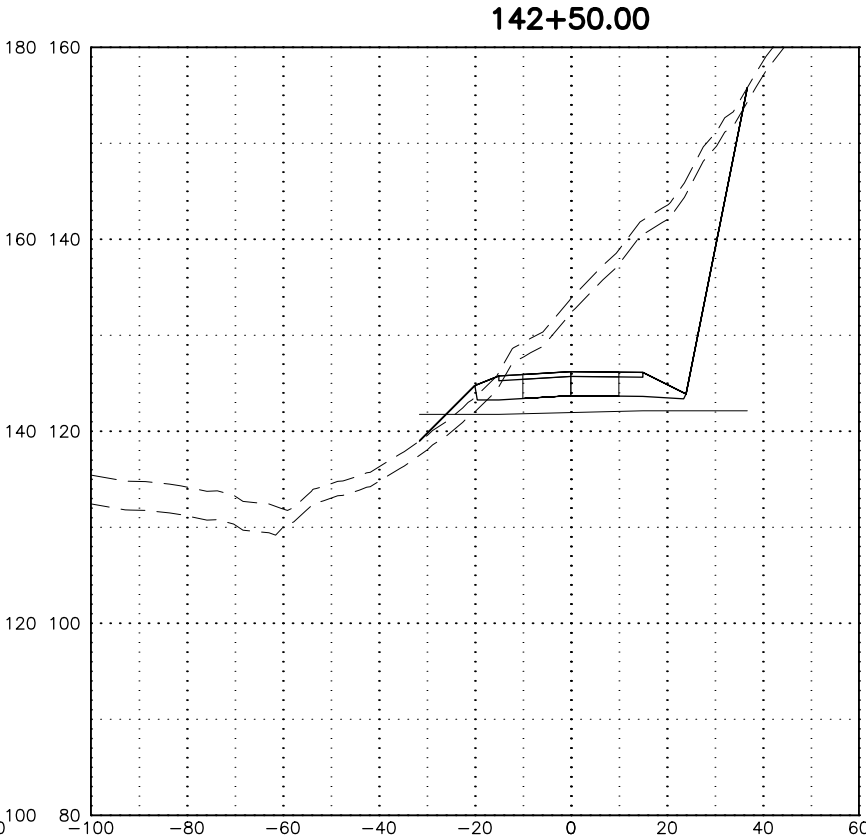
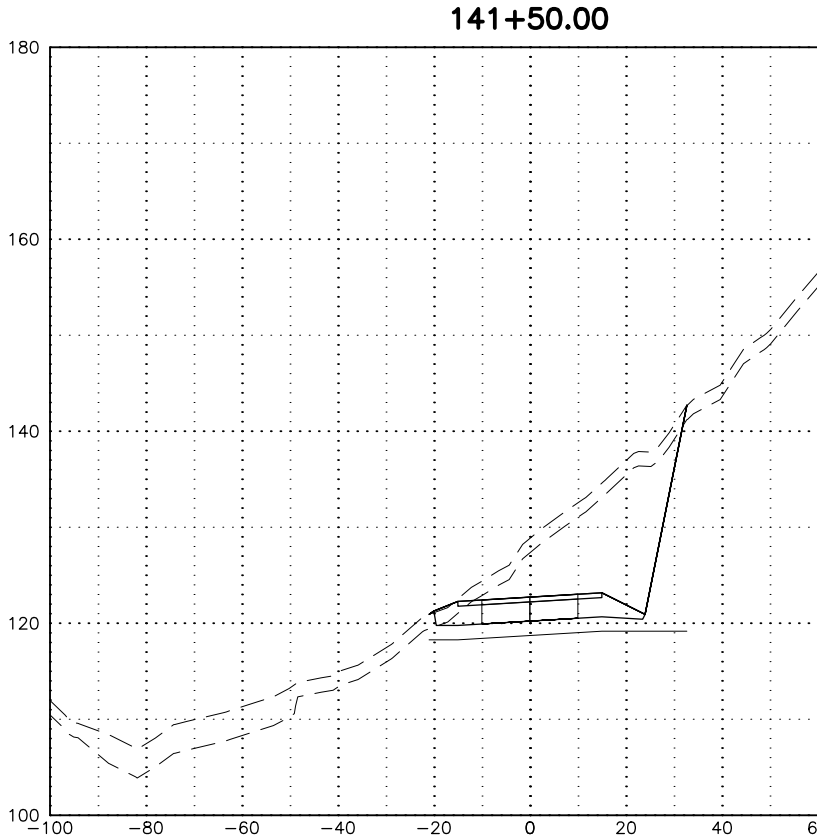
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE







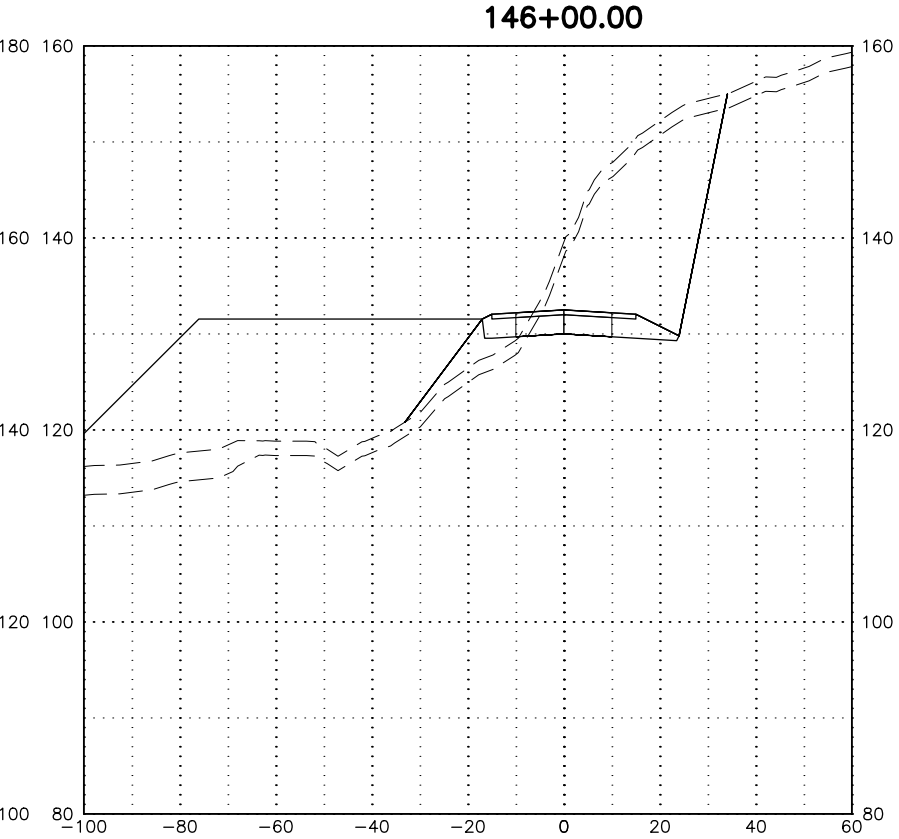
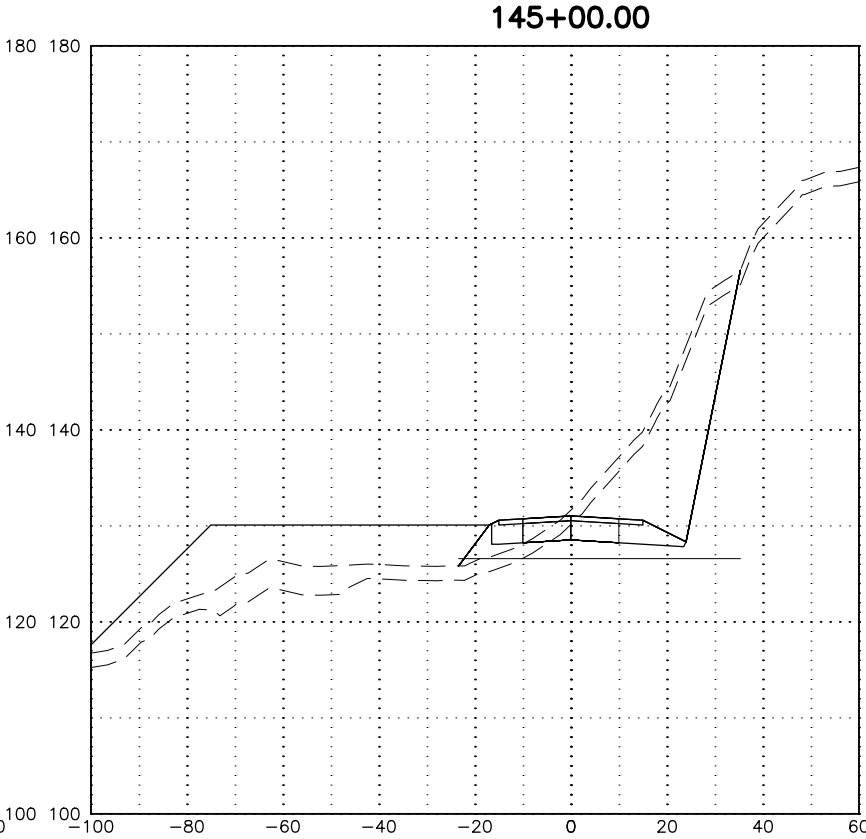
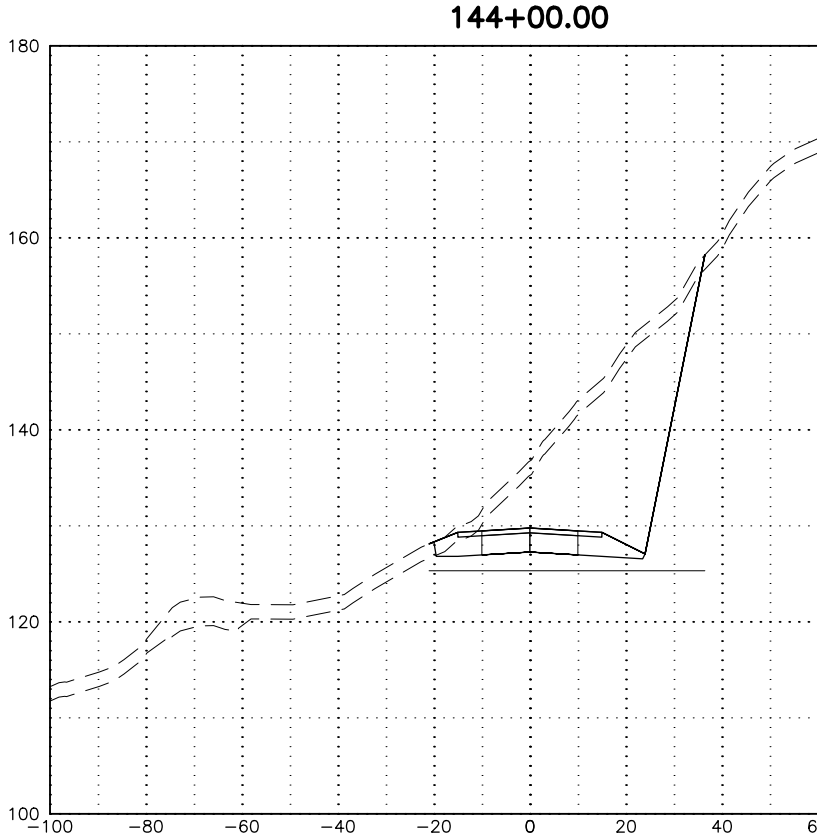
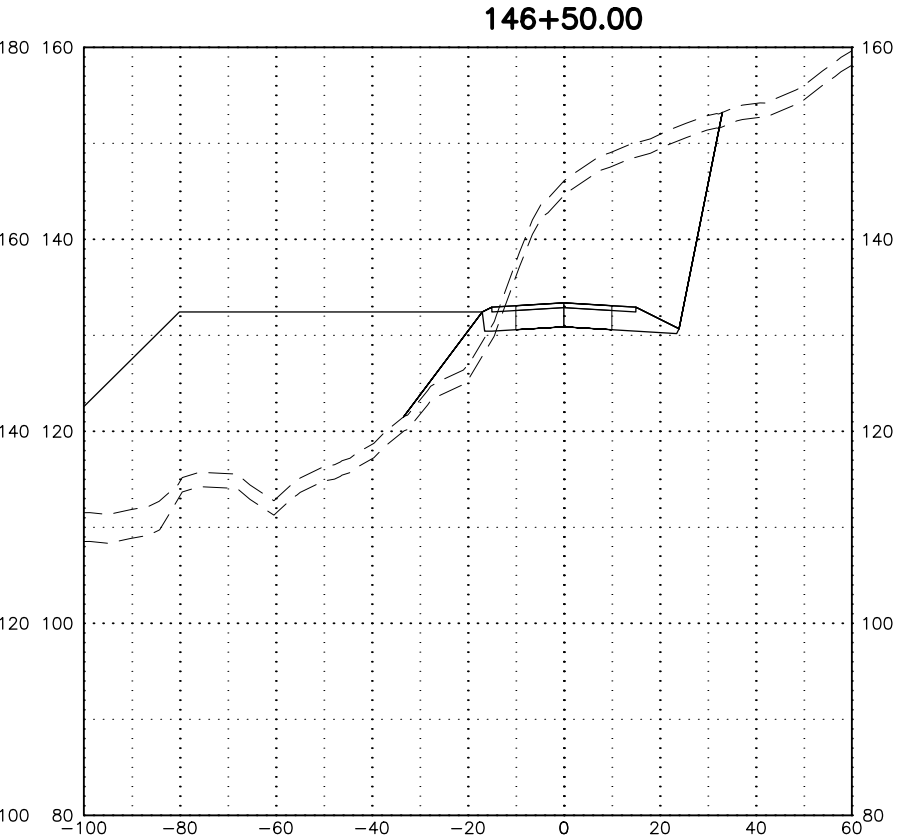
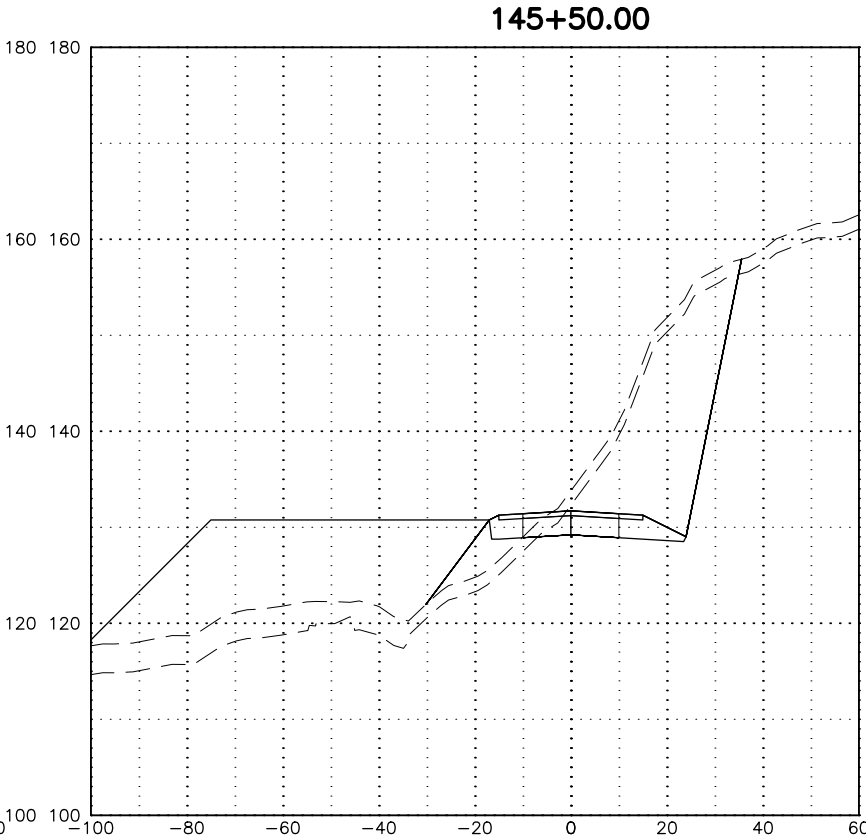
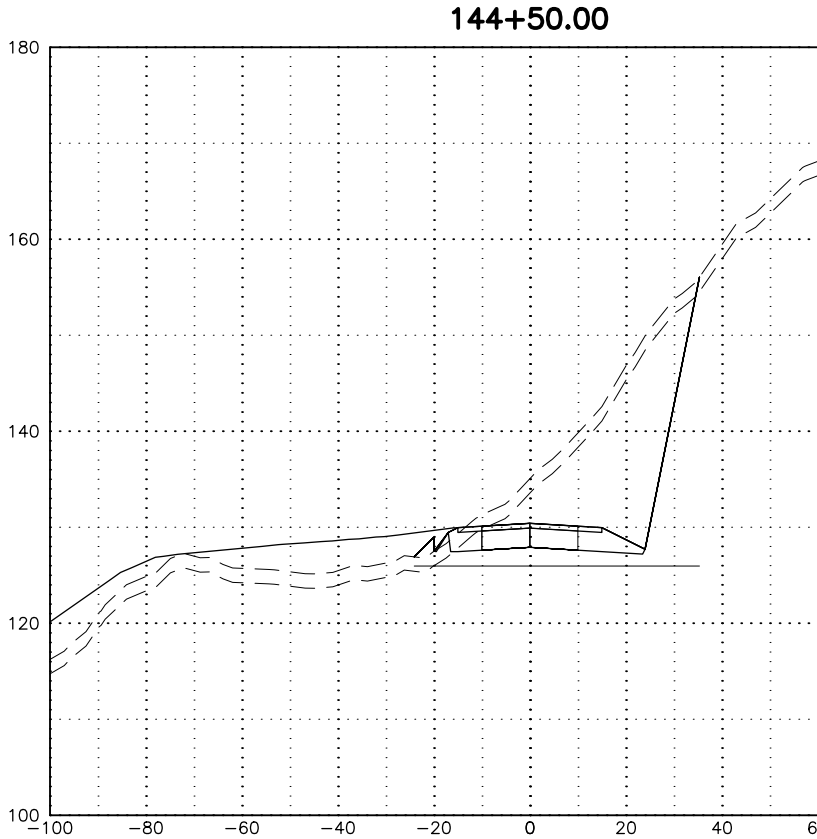
SHEET NO.	TOTAL SHEETS
X18	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

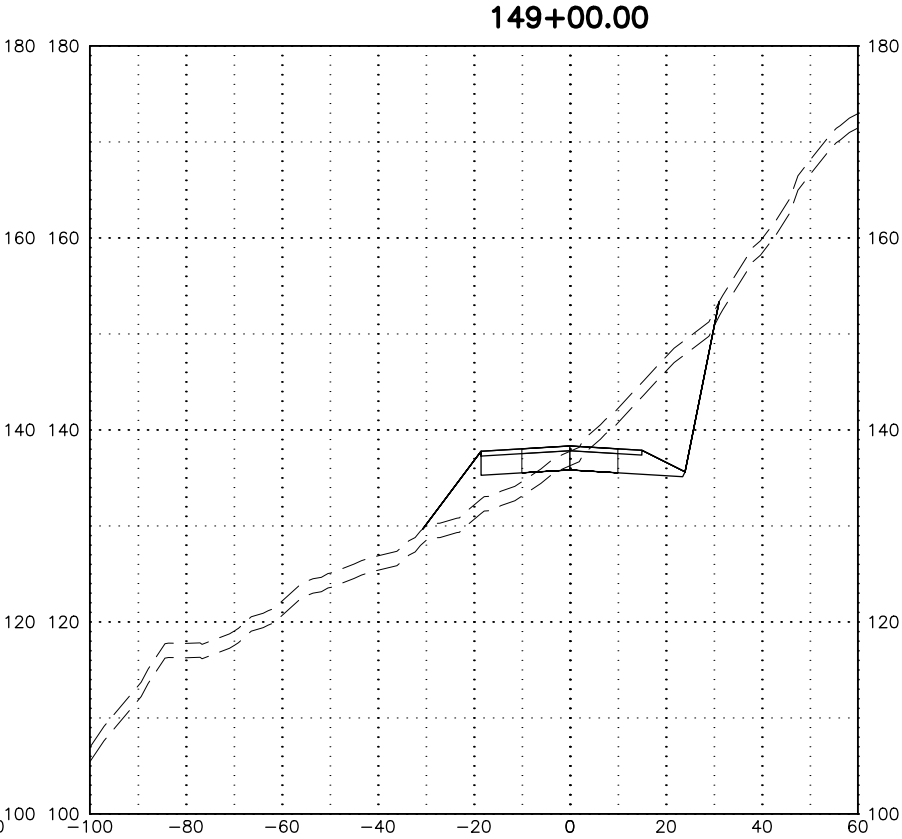
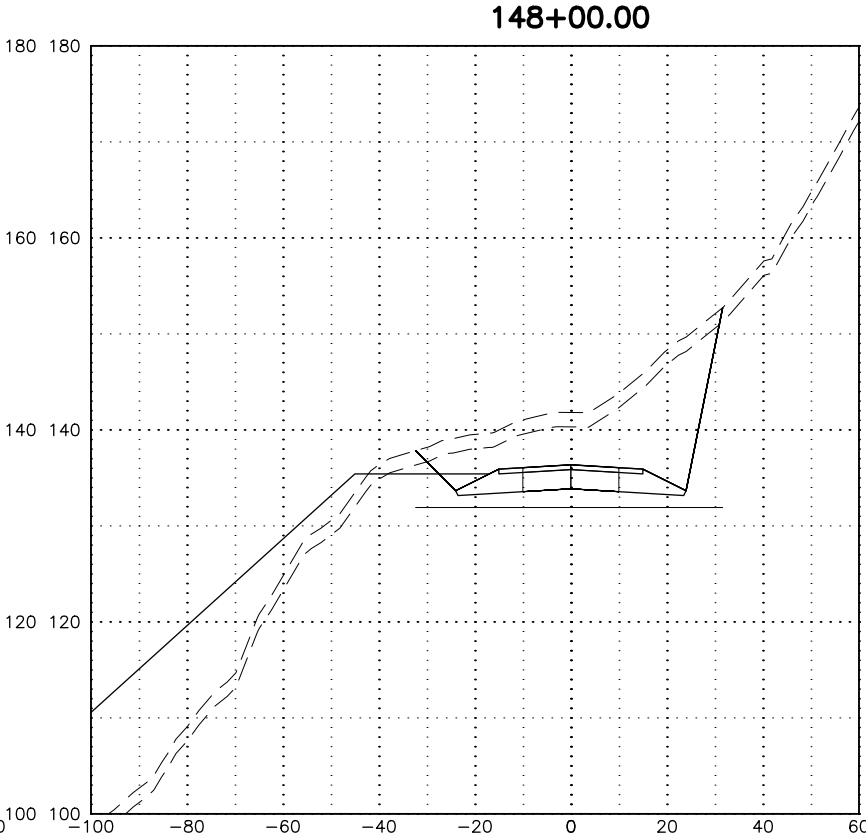
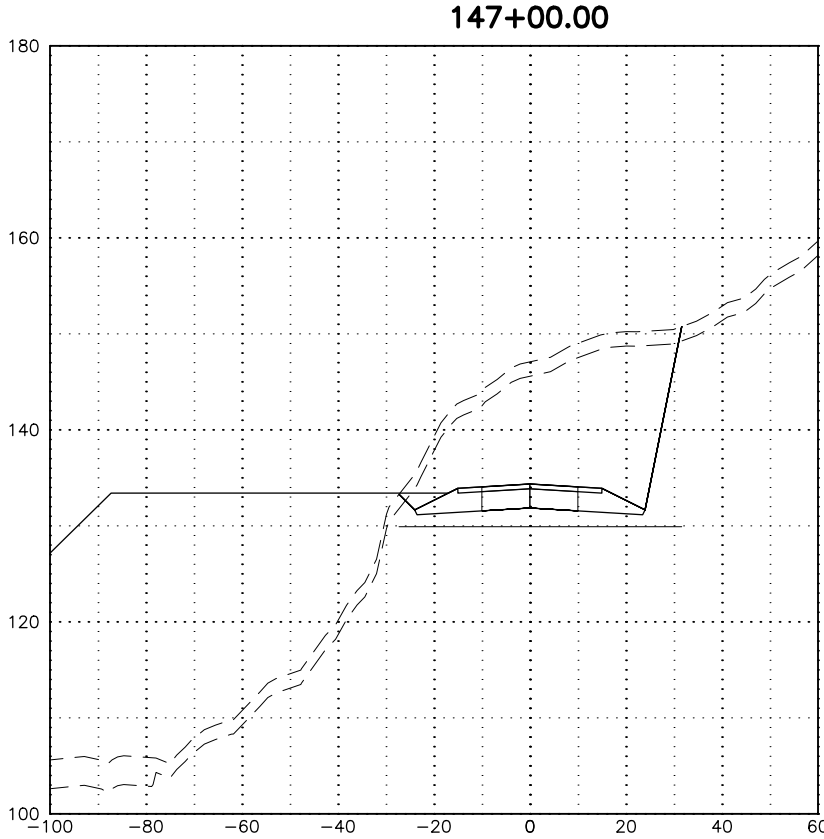
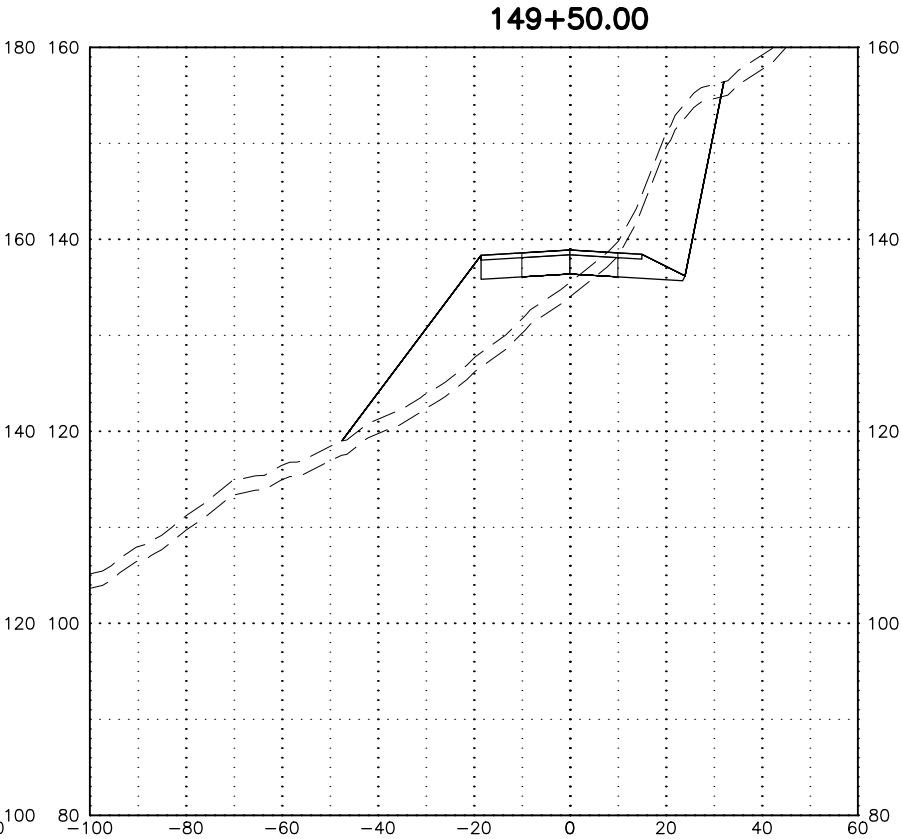
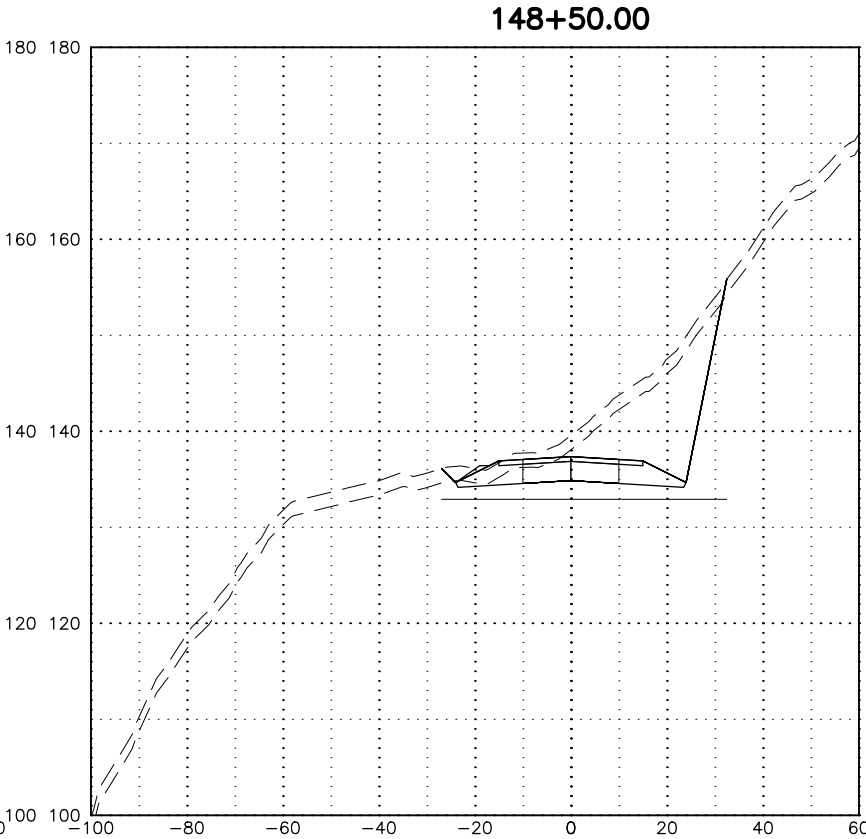
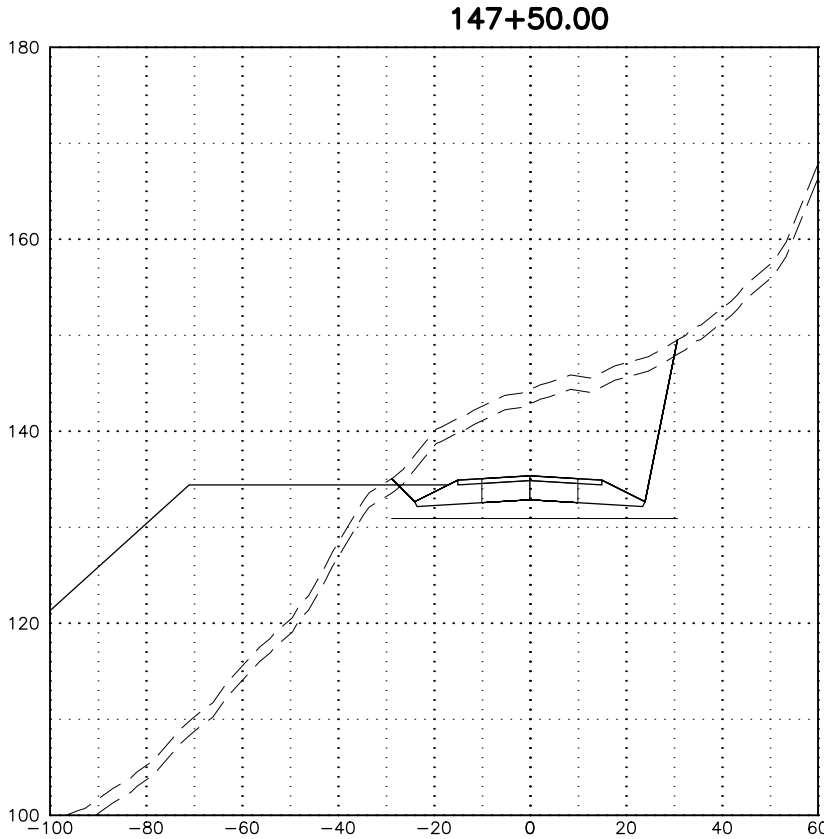


CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE





SHEET NO.	TOTAL SHEETS
X20	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

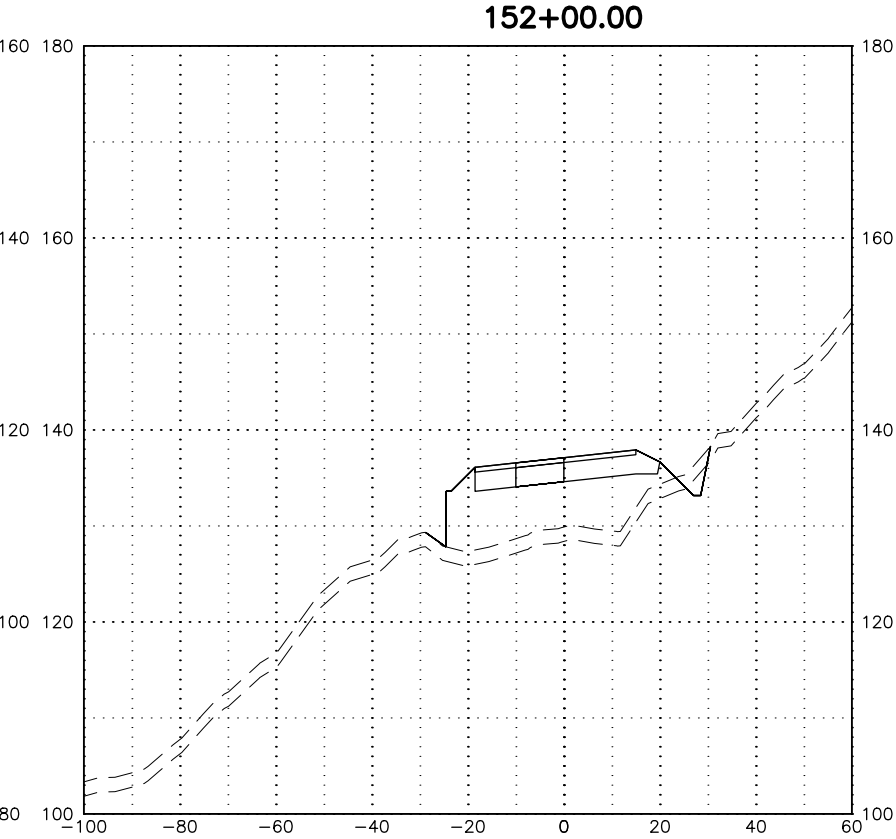
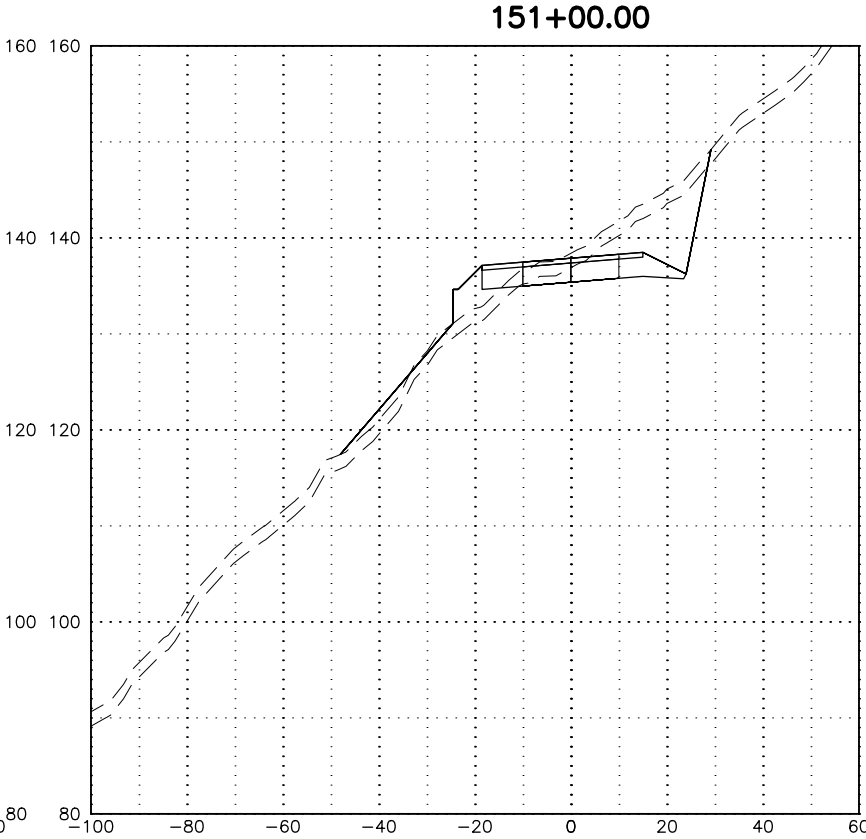
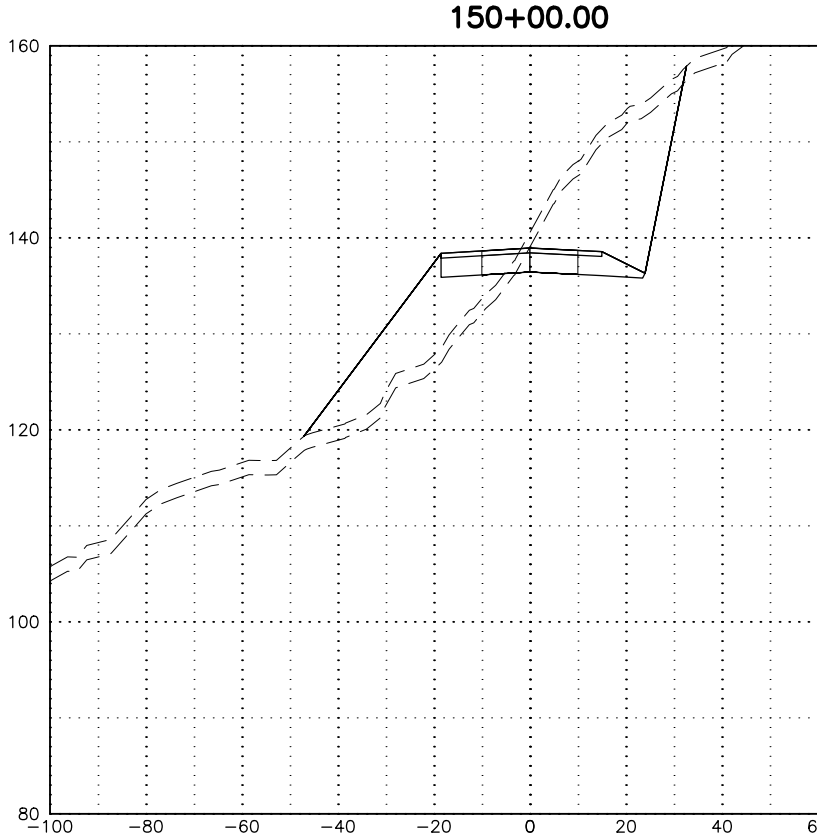
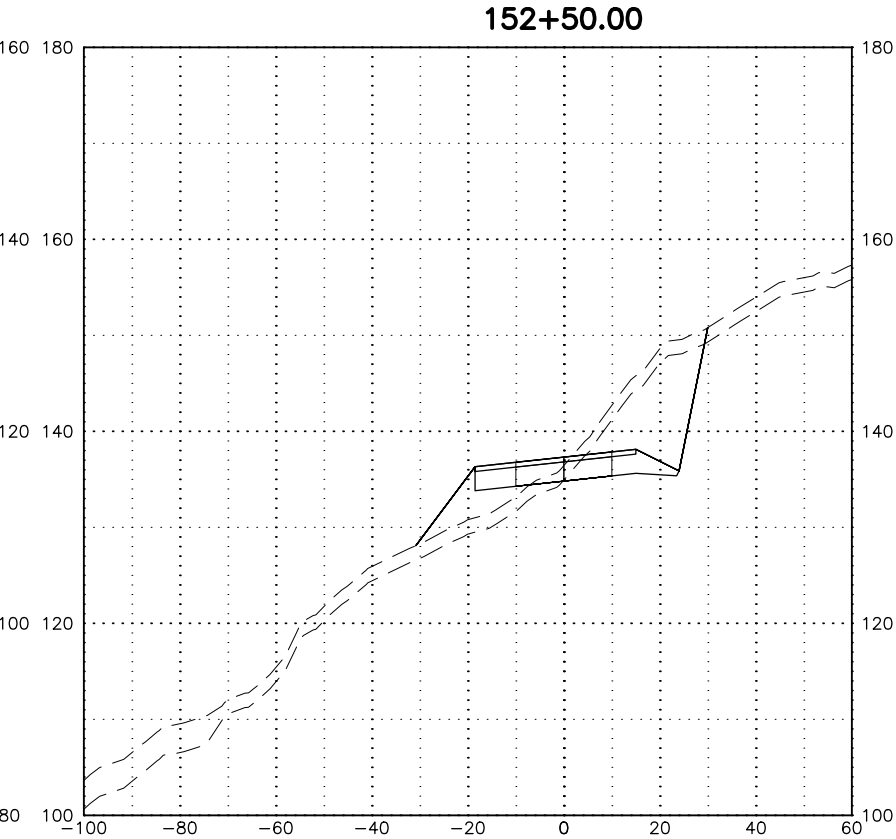
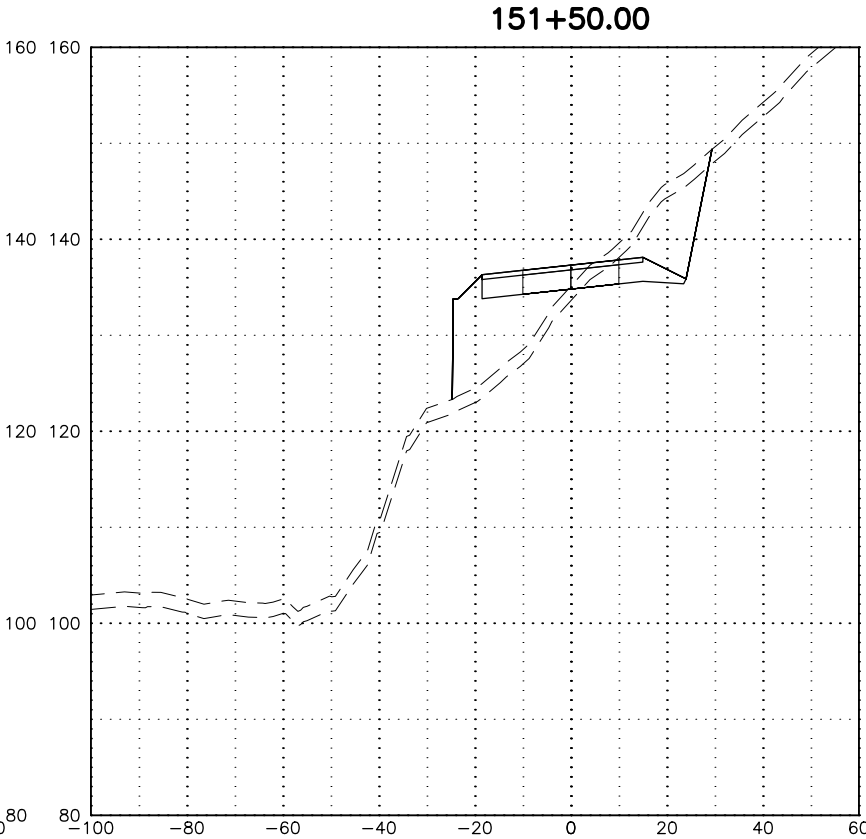
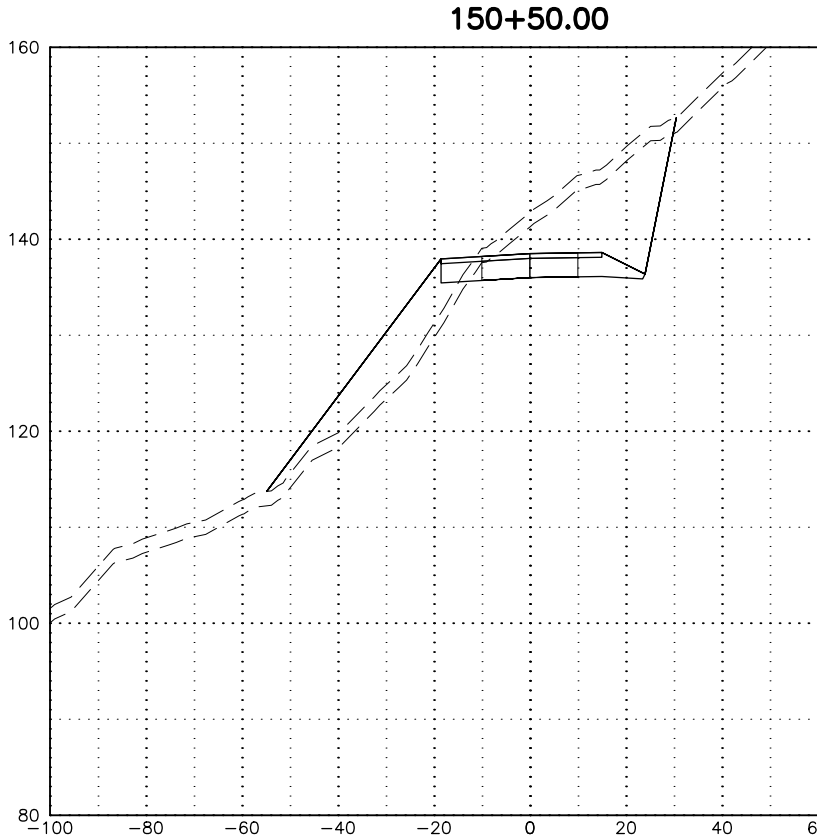
MAINLINE

DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE

DATE
4/27/2022 11:25 AM

DRAWING LOCATION
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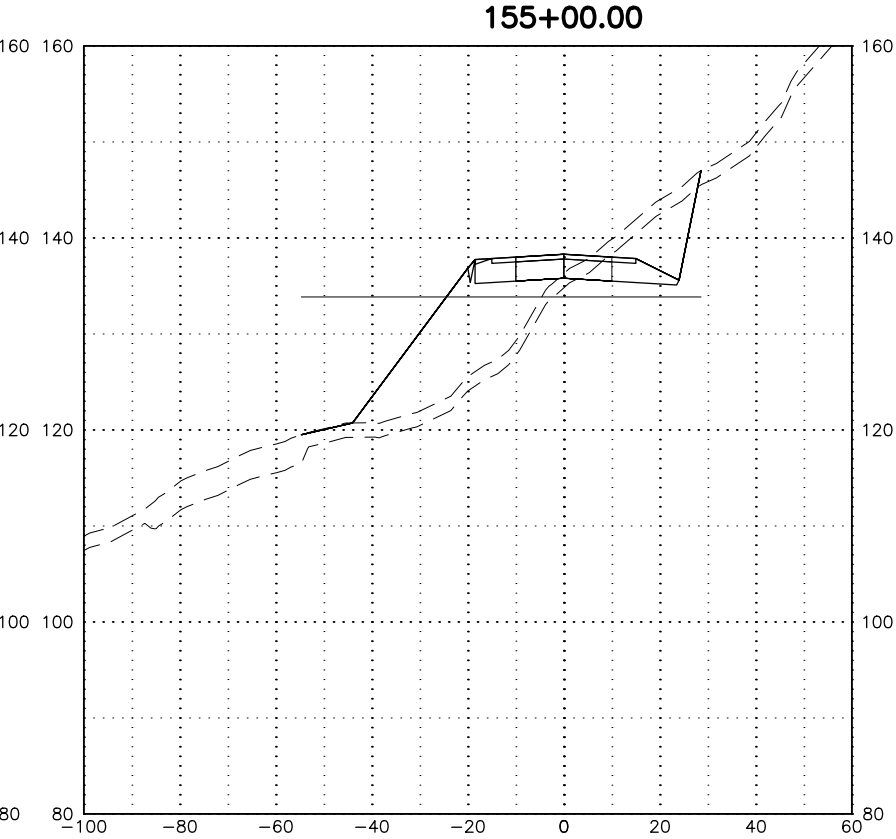
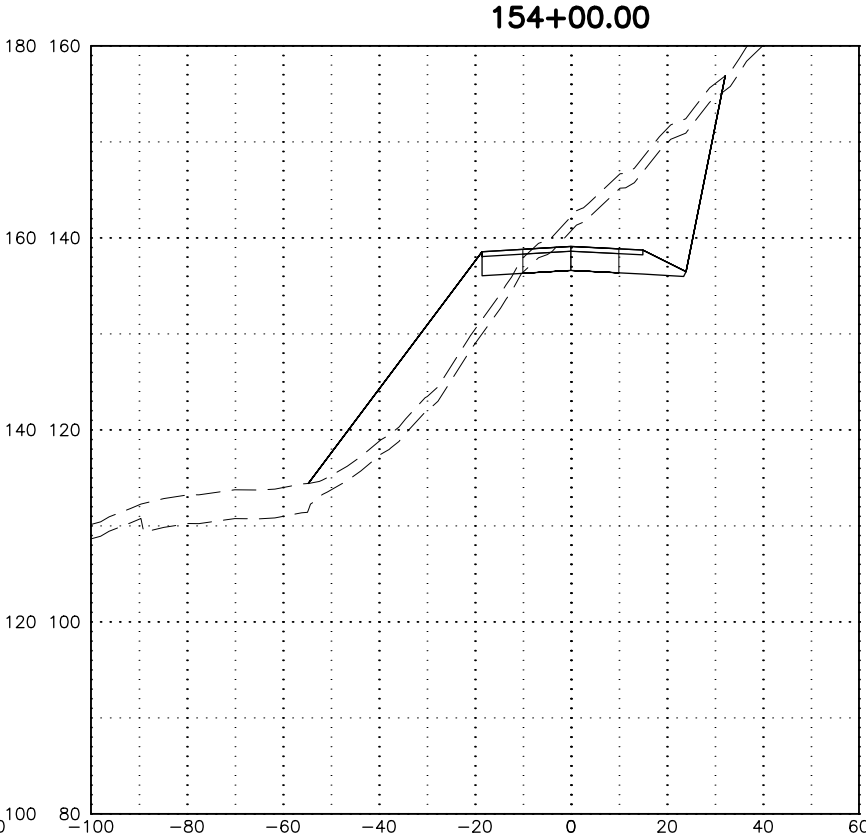
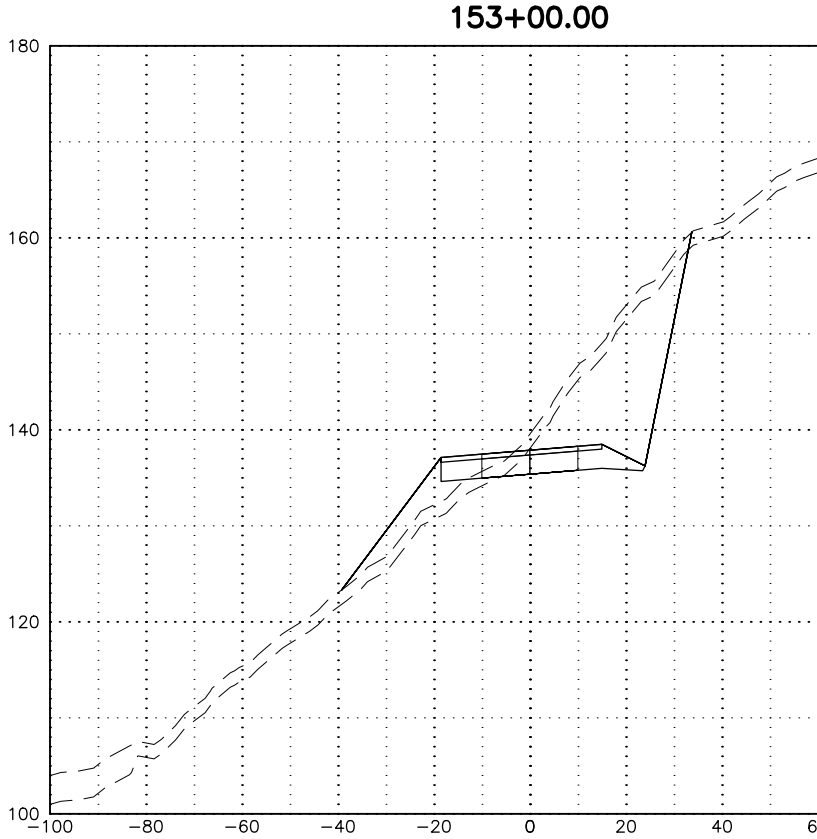
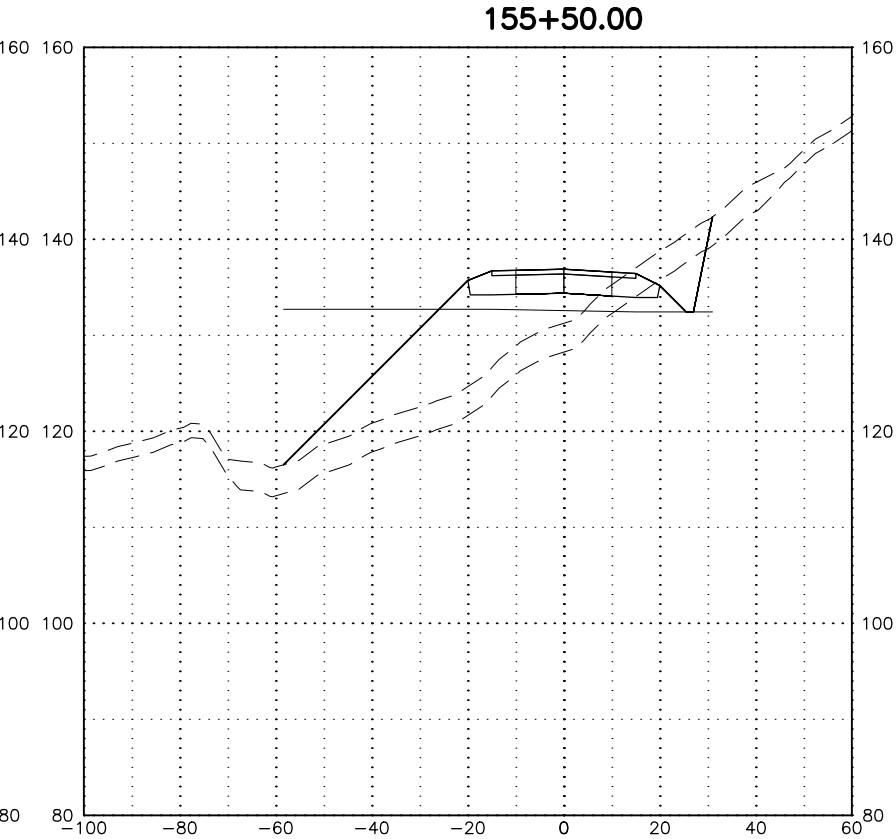
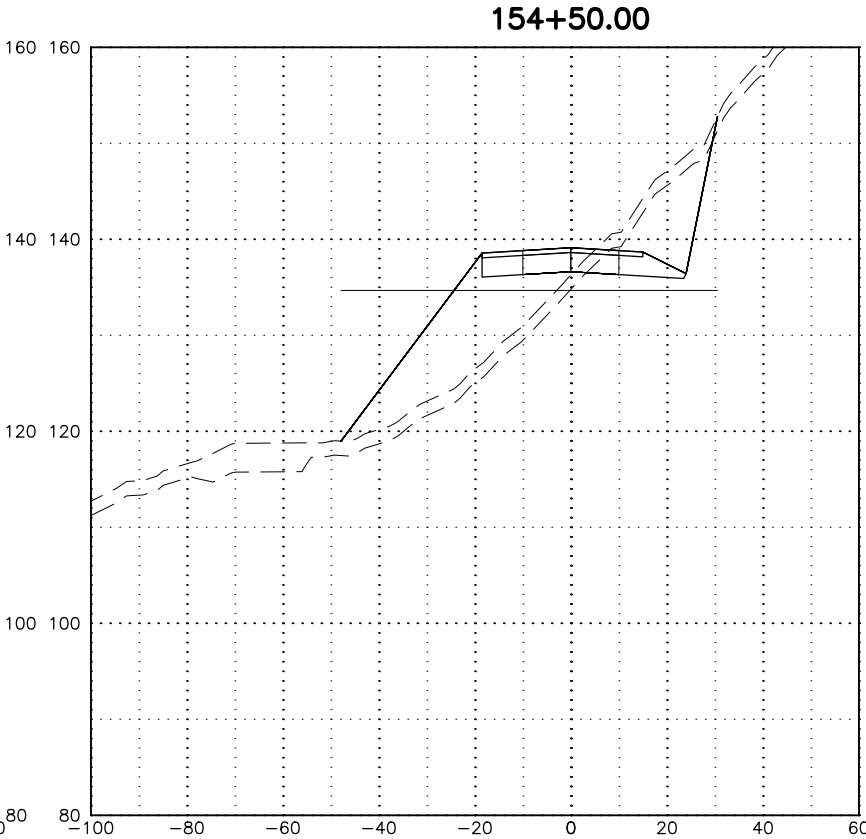
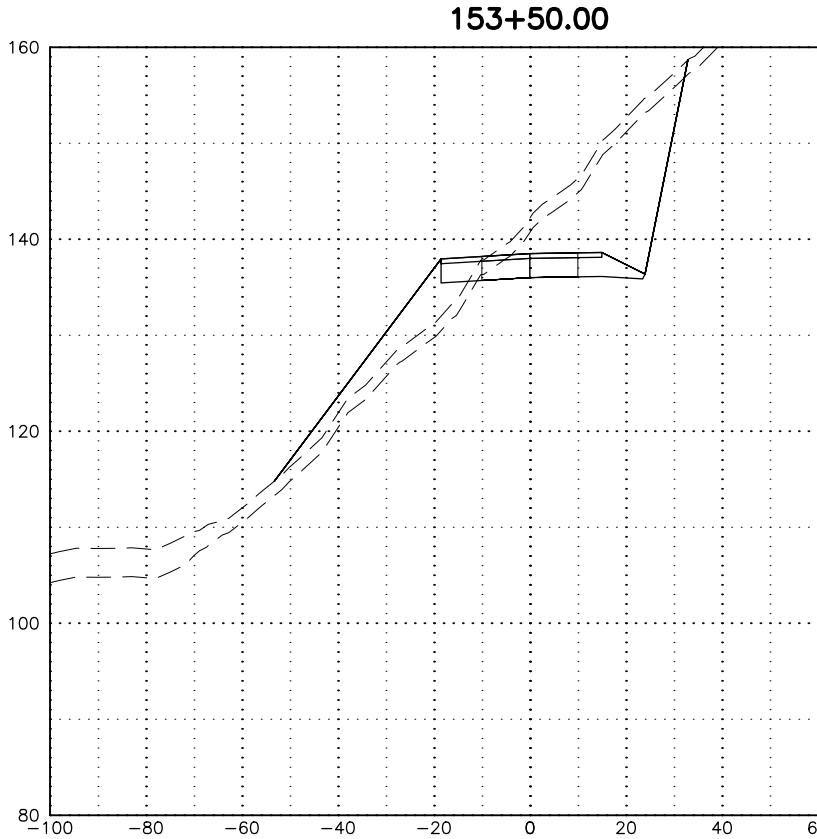
SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



SHEET NO.	TOTAL SHEETS
X22	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

★ 49TH ★

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

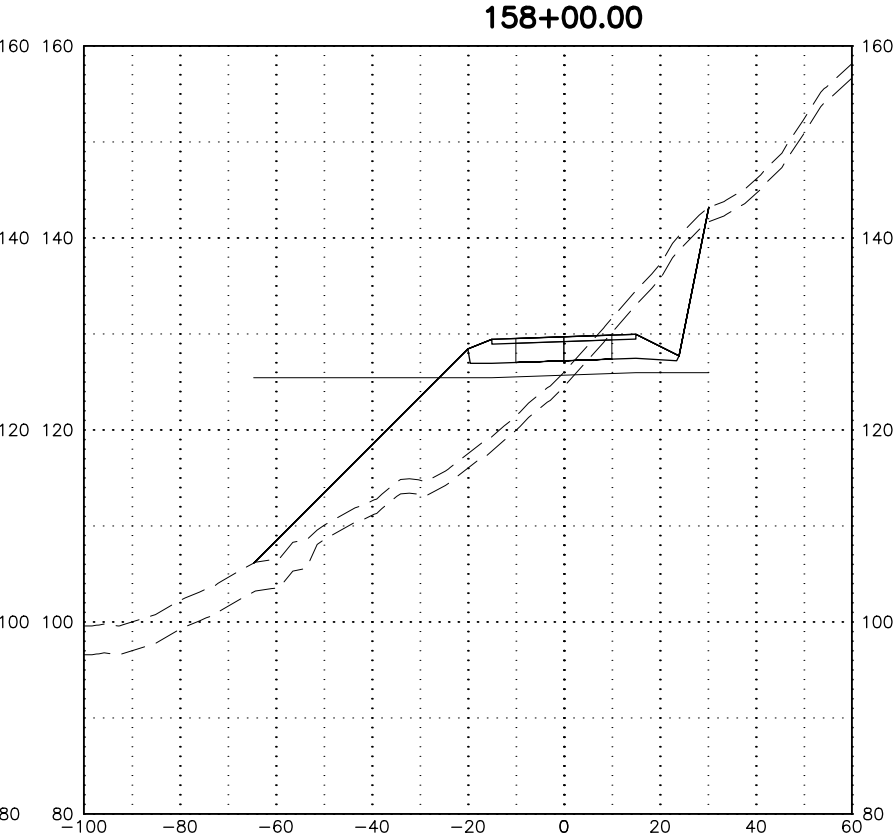
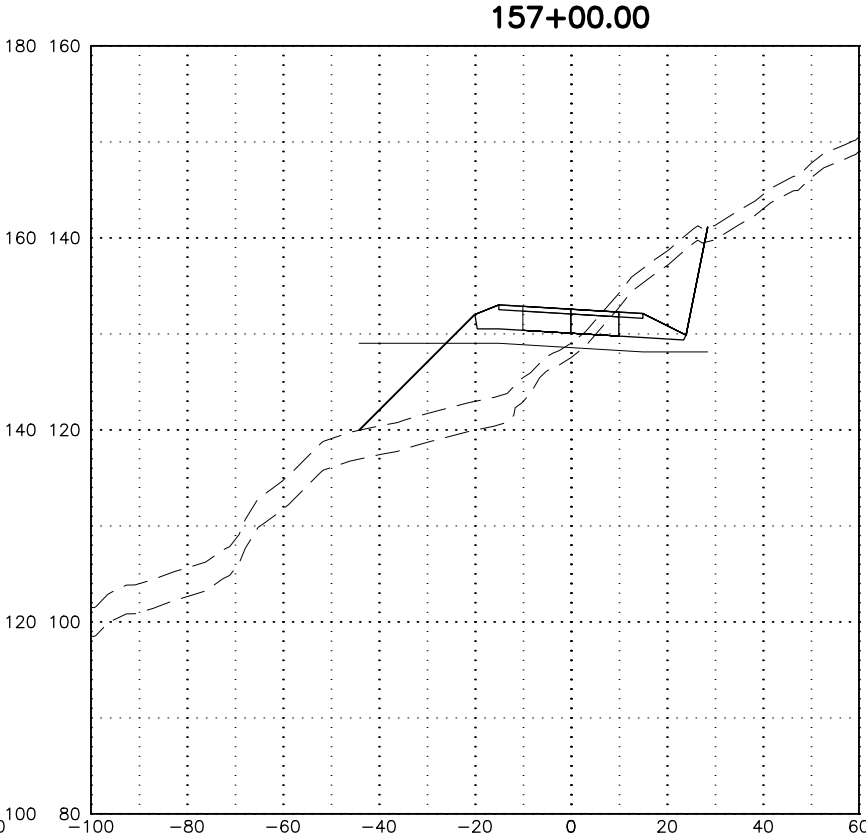
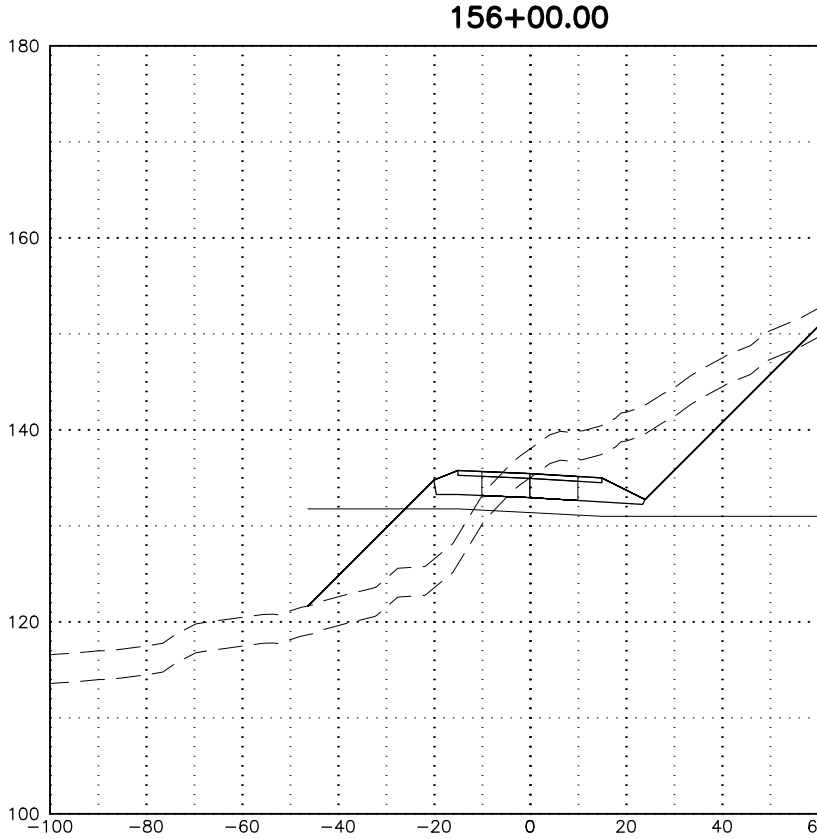
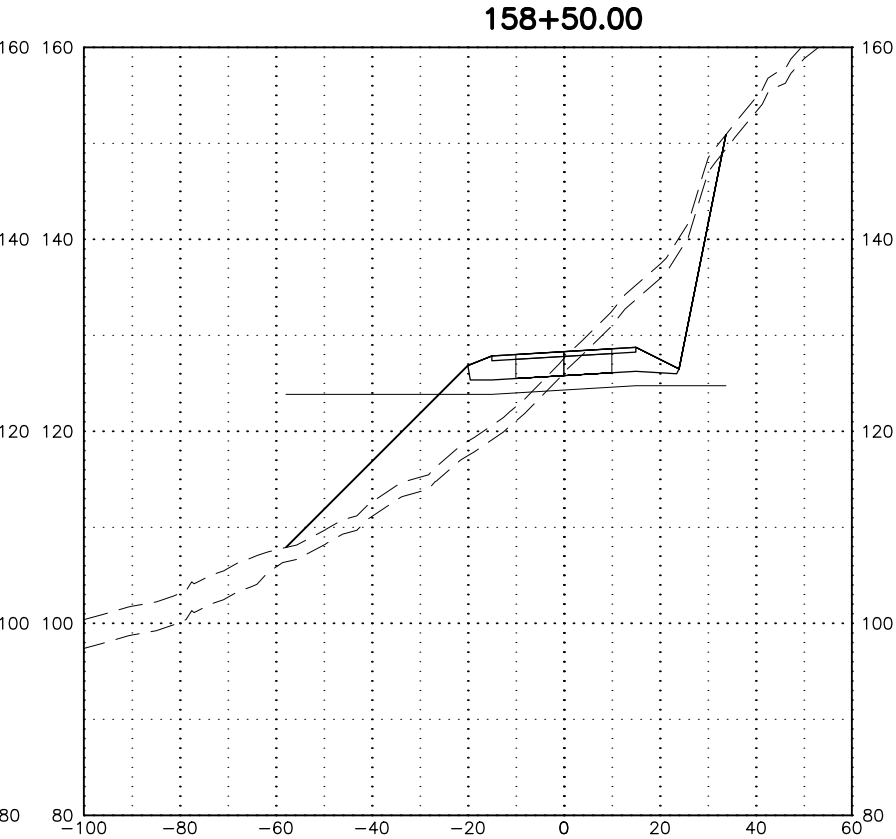
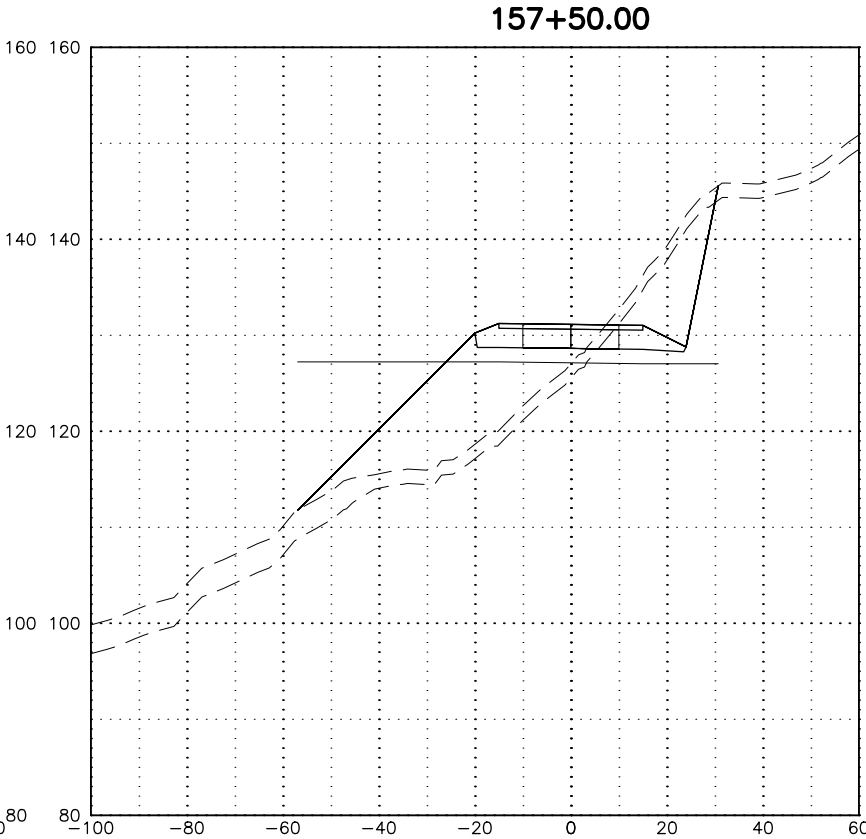
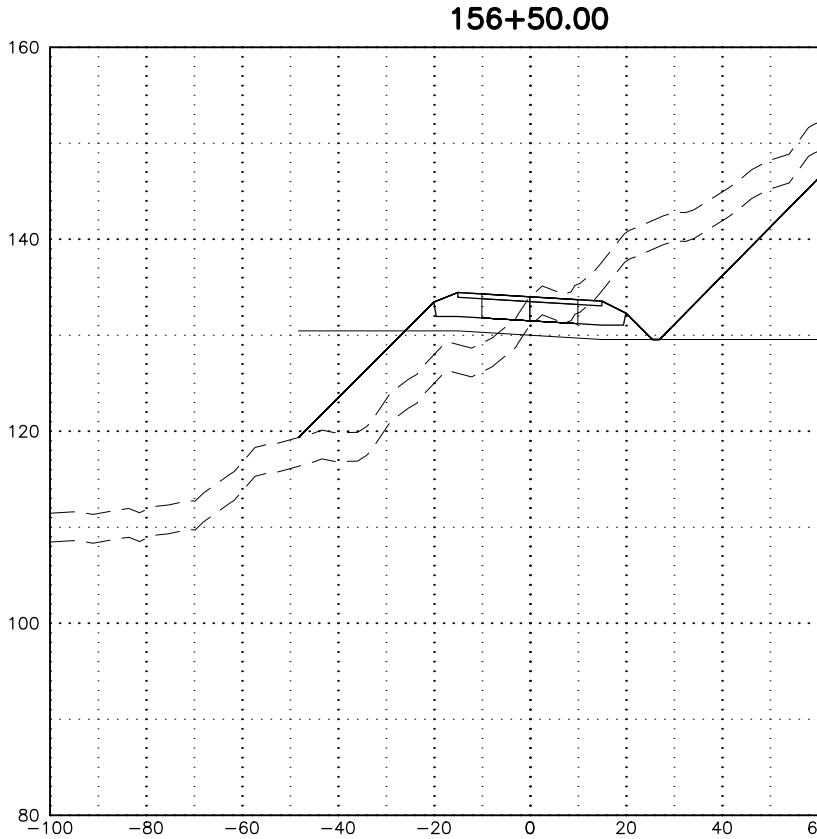
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



SHEET NO.	TOTAL SHEETS
X23	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

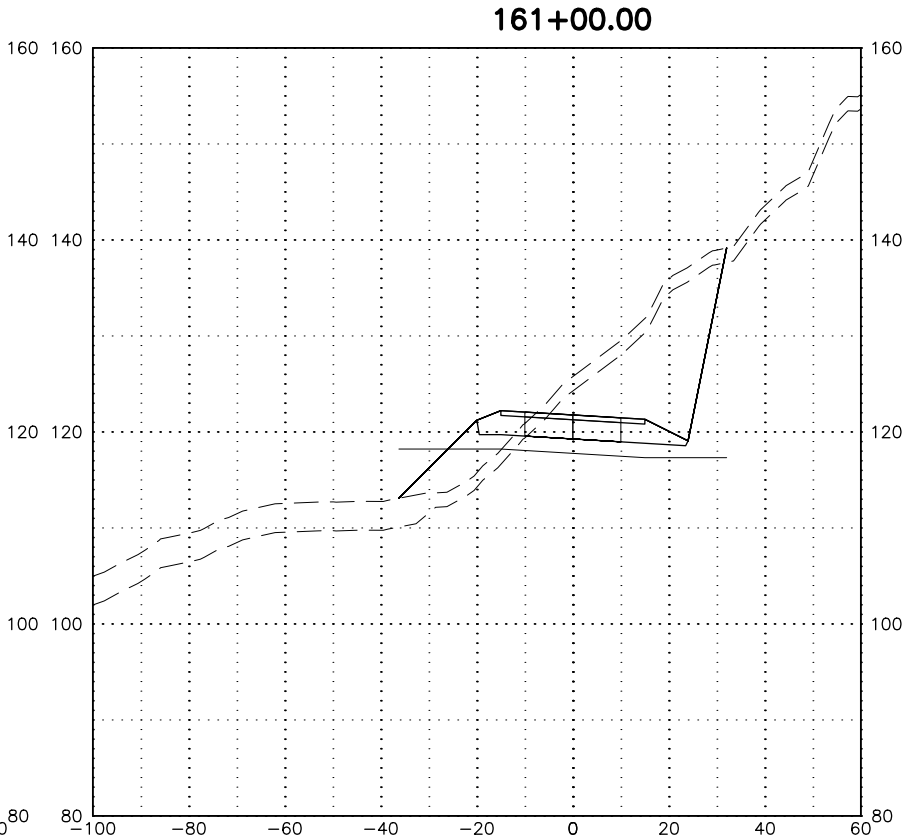
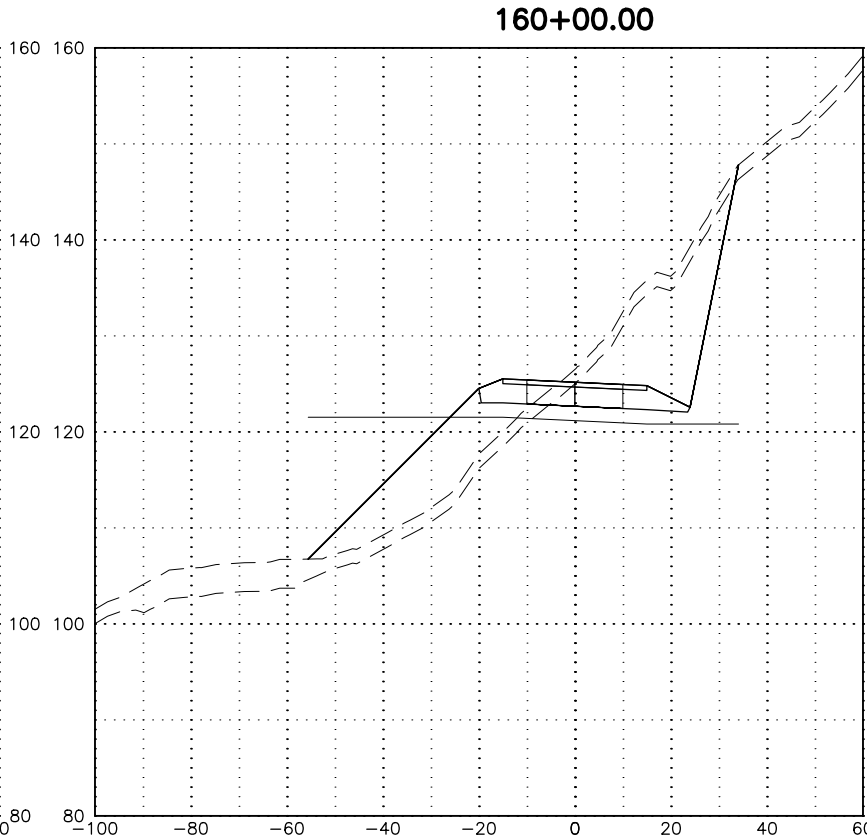
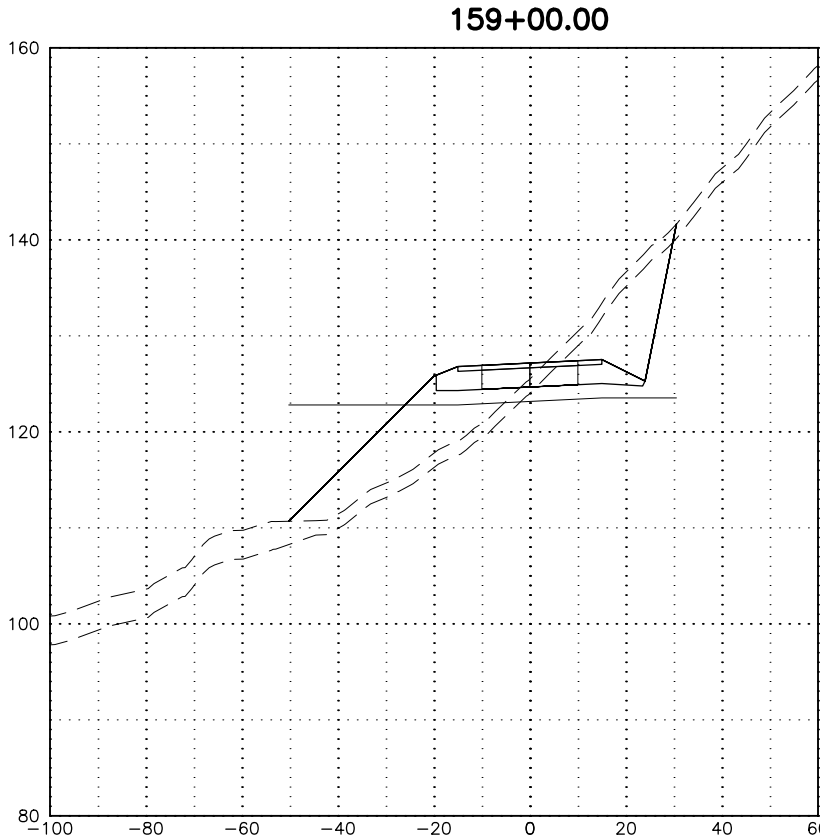
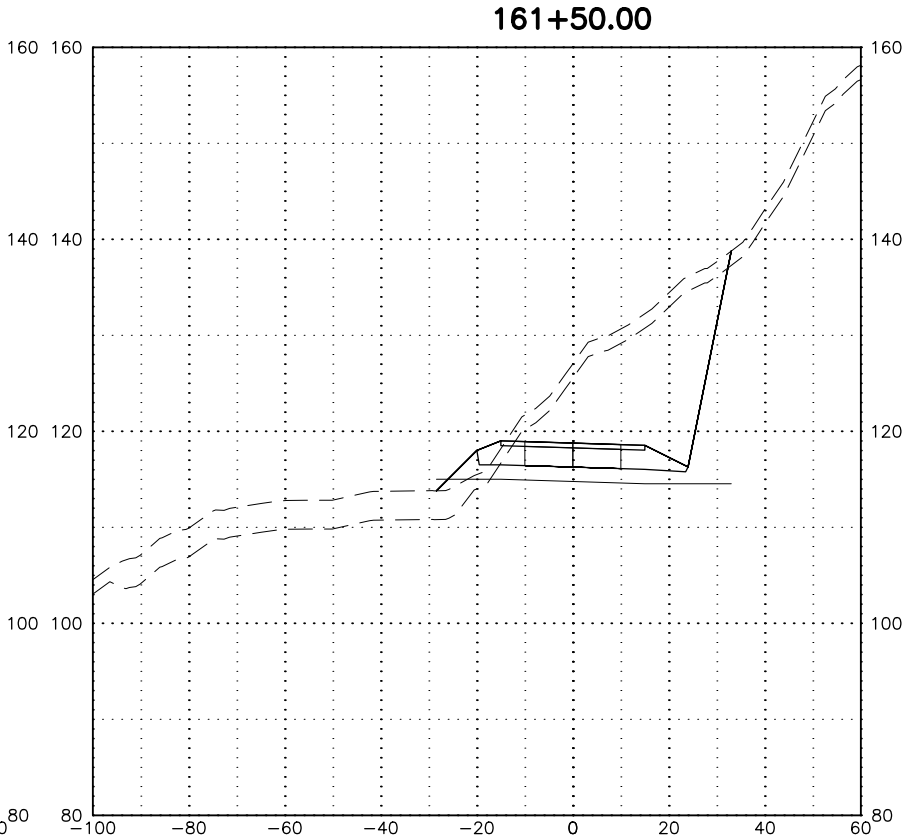
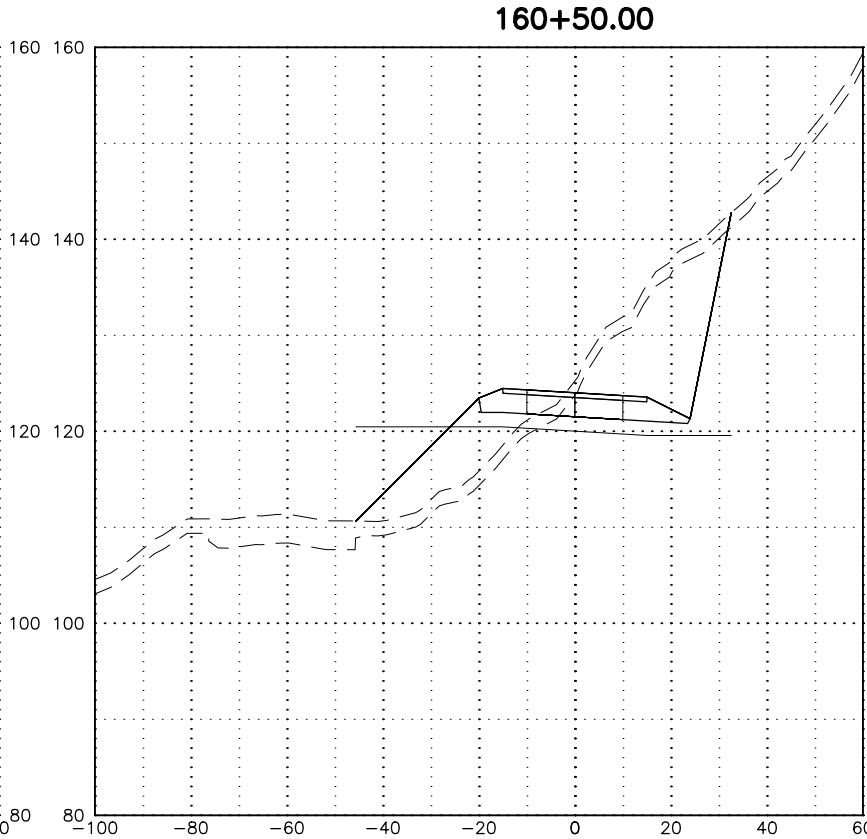
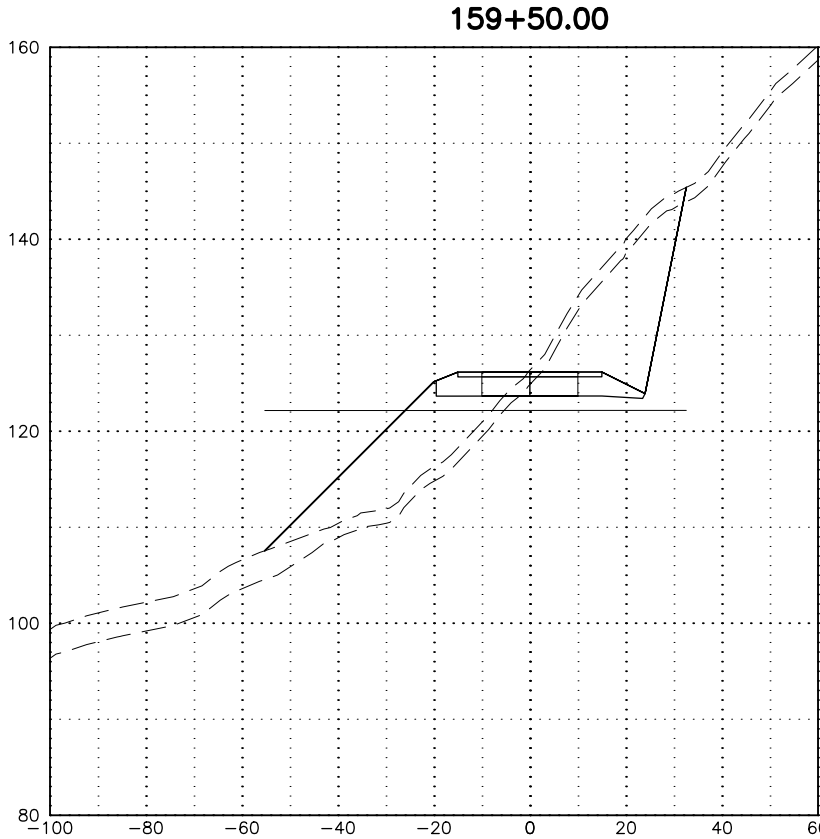
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

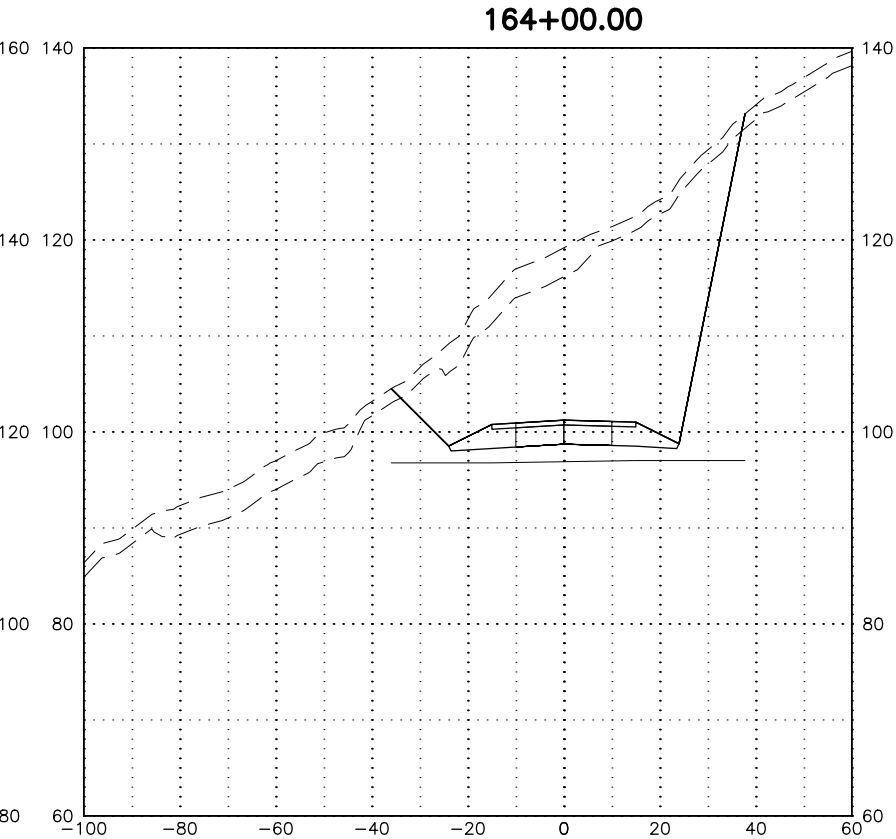
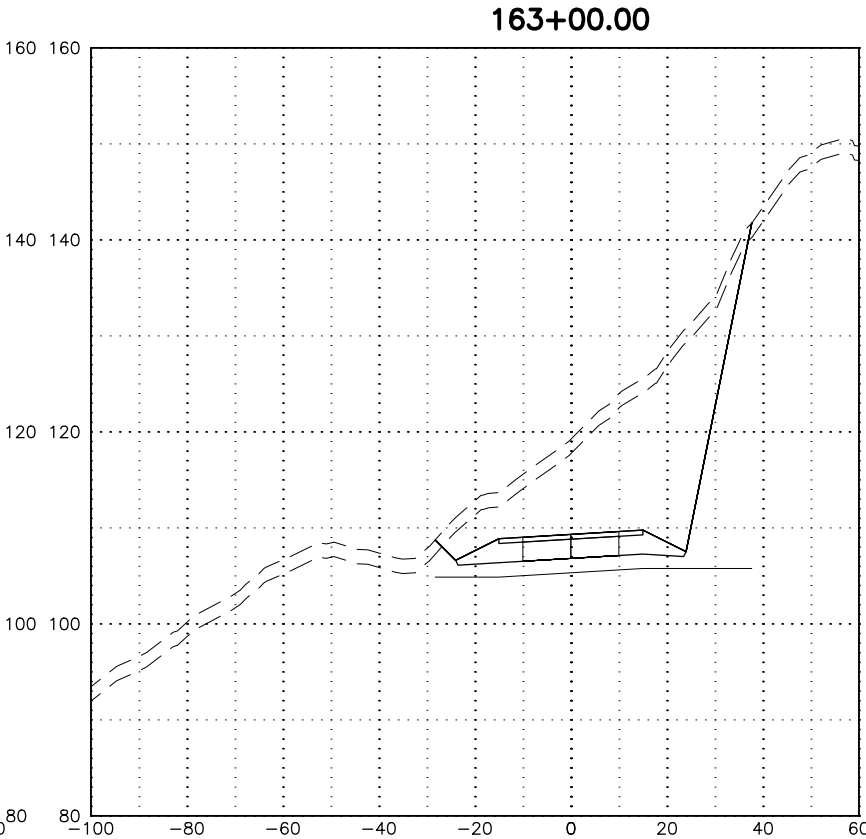
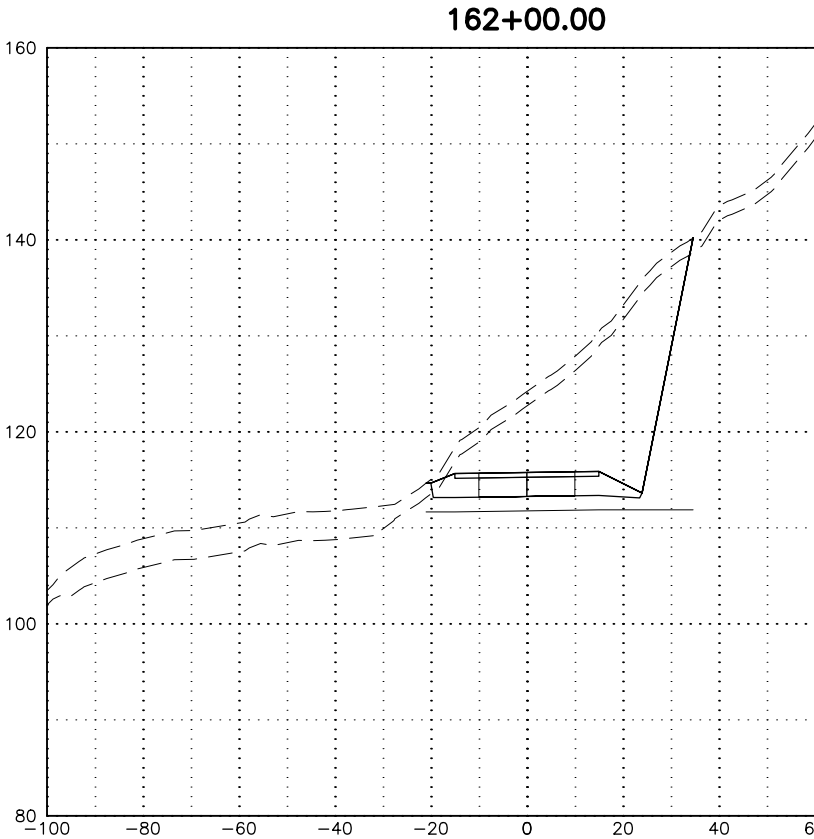
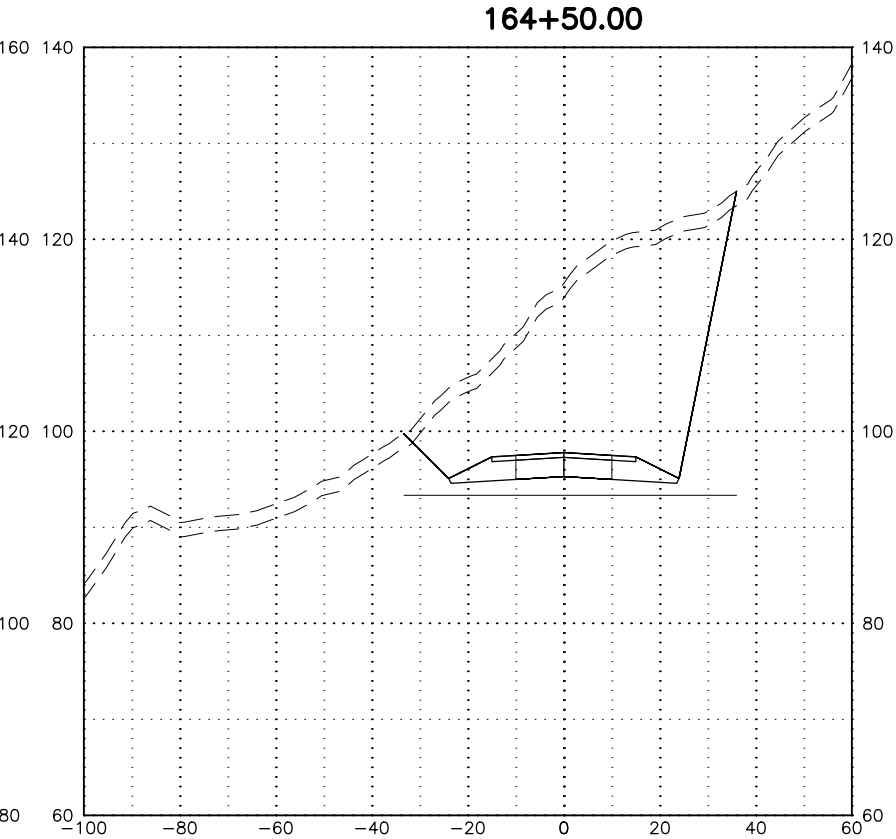
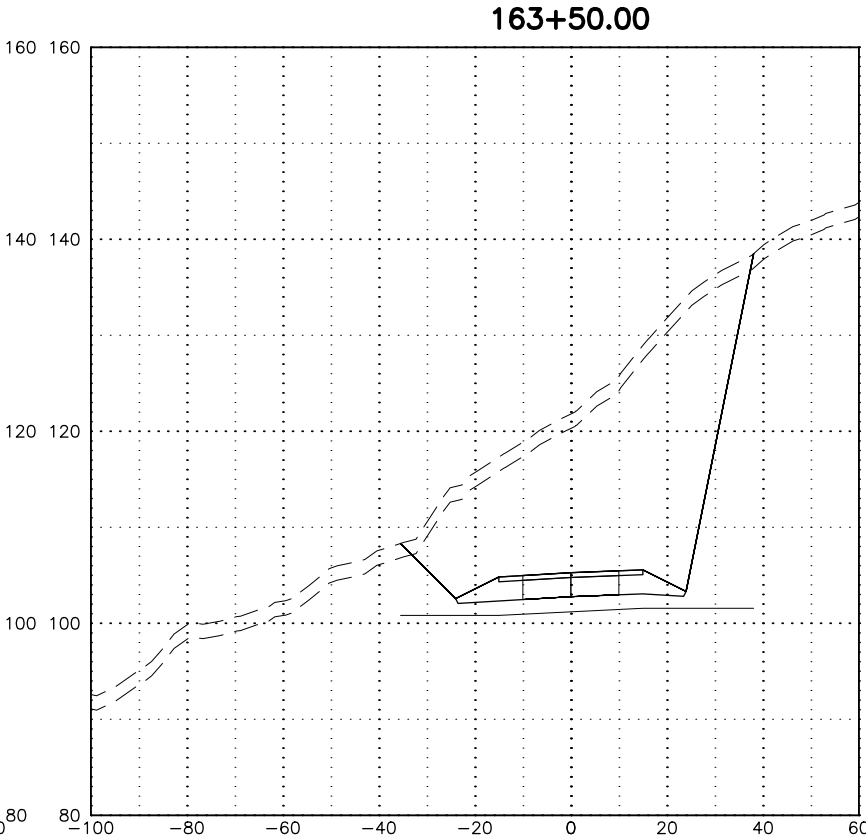
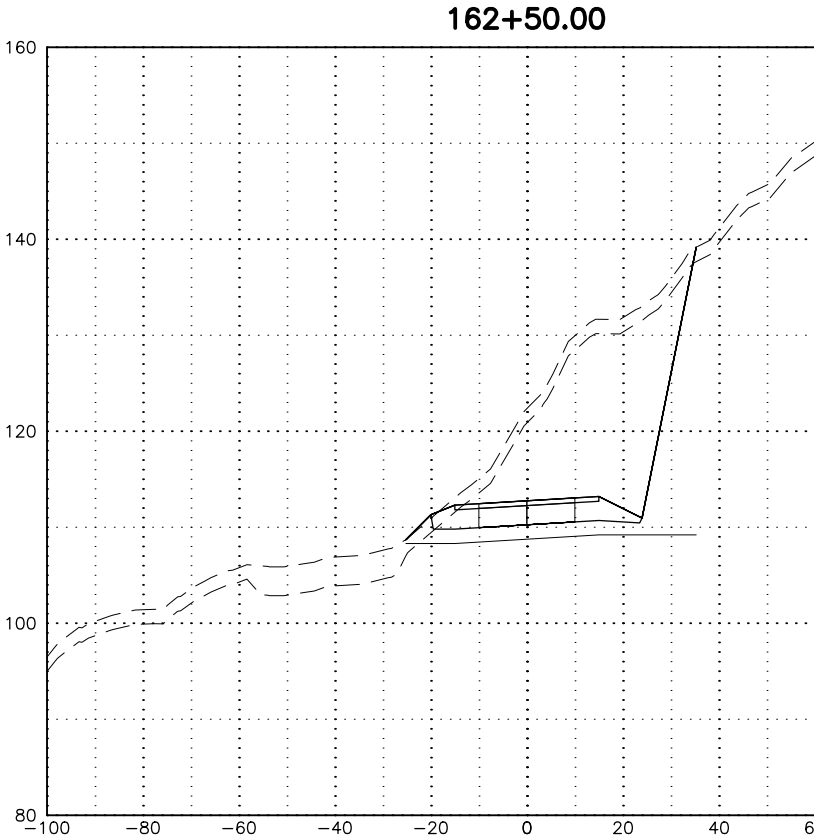
CITY OF WHITTIER

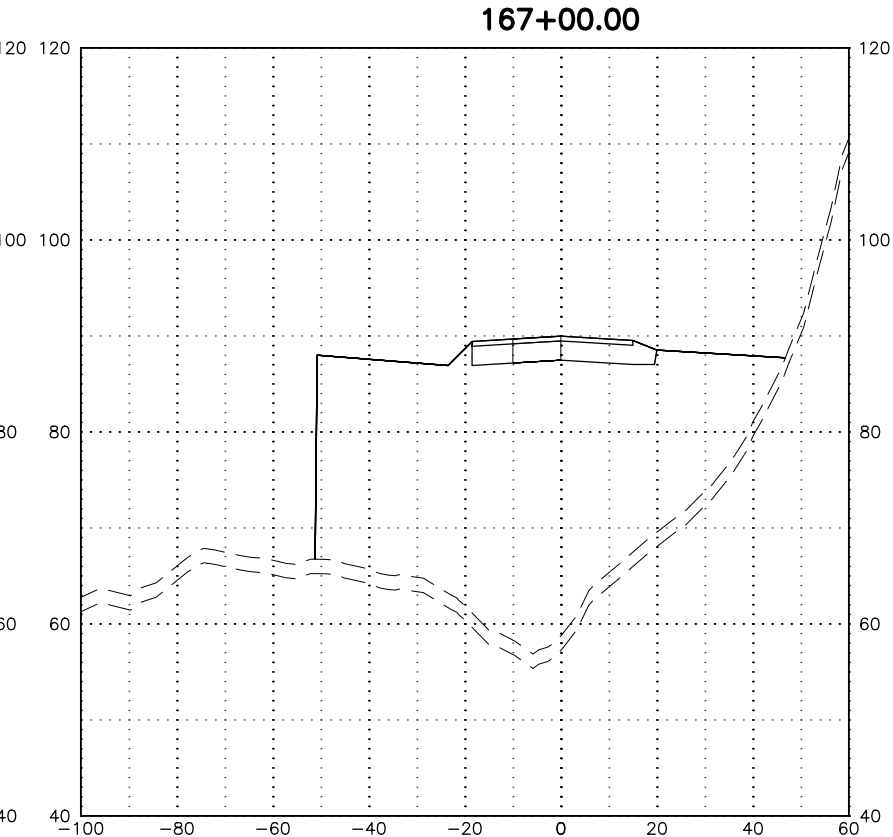
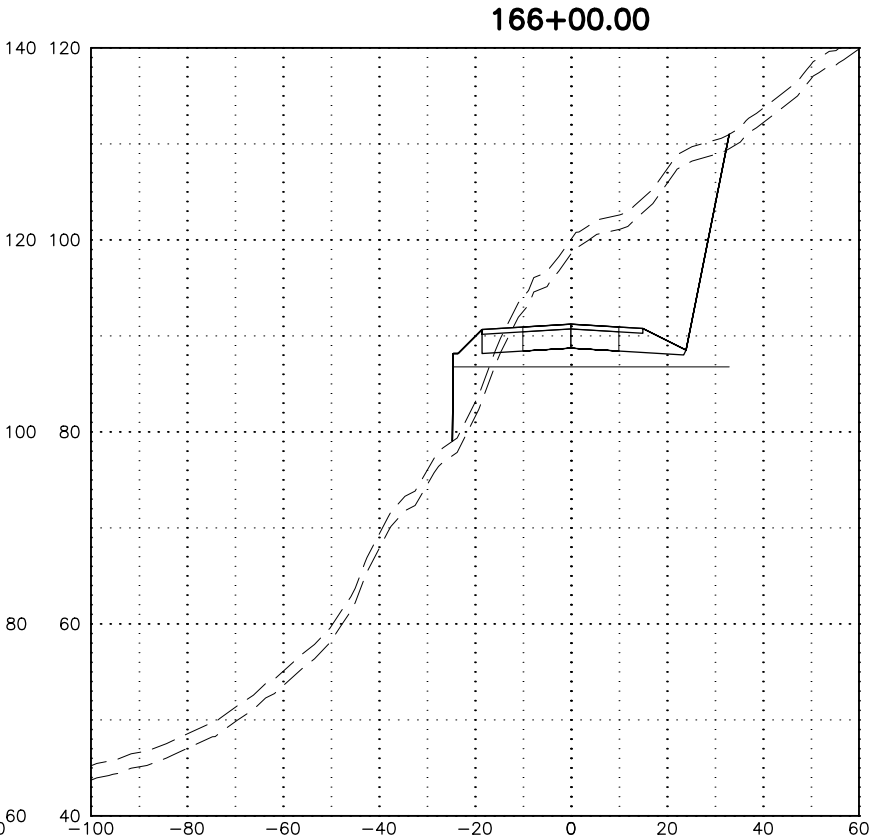
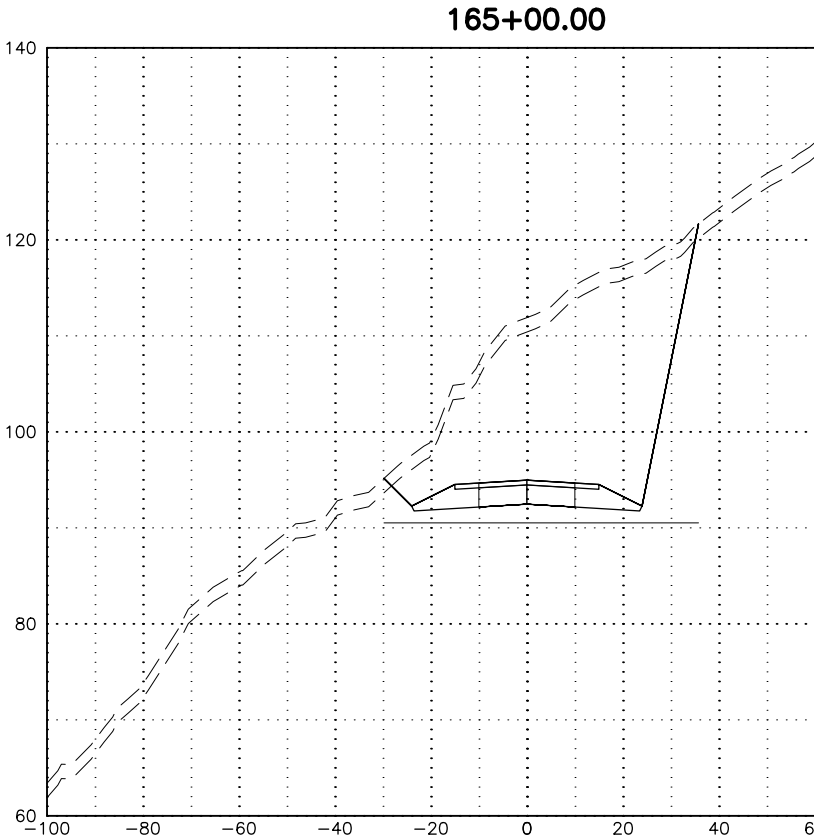
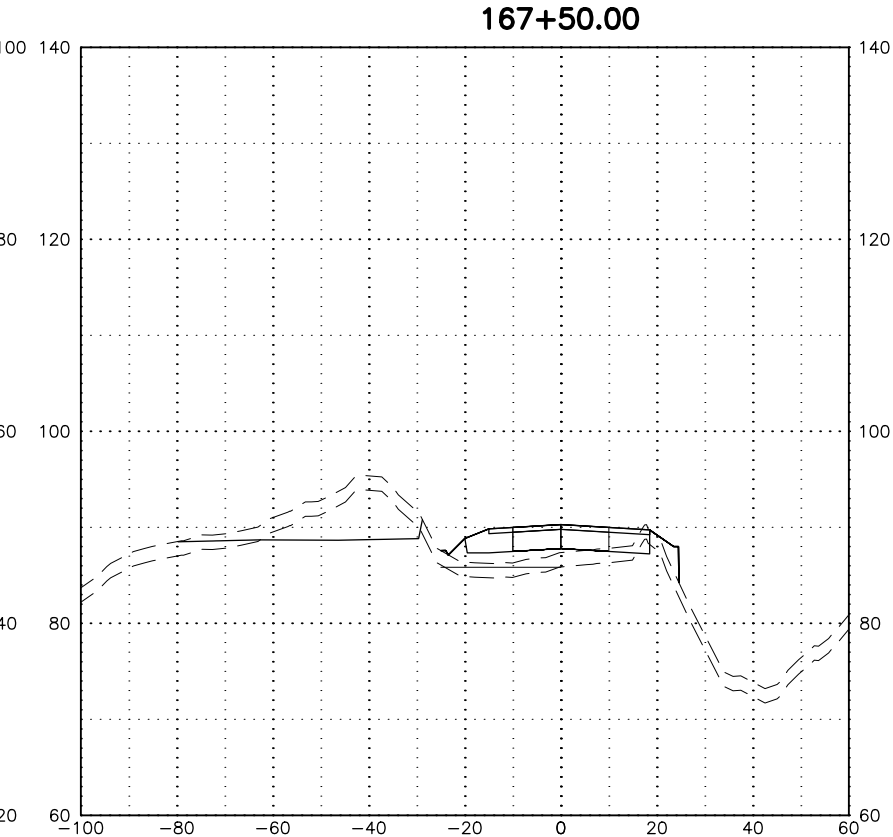
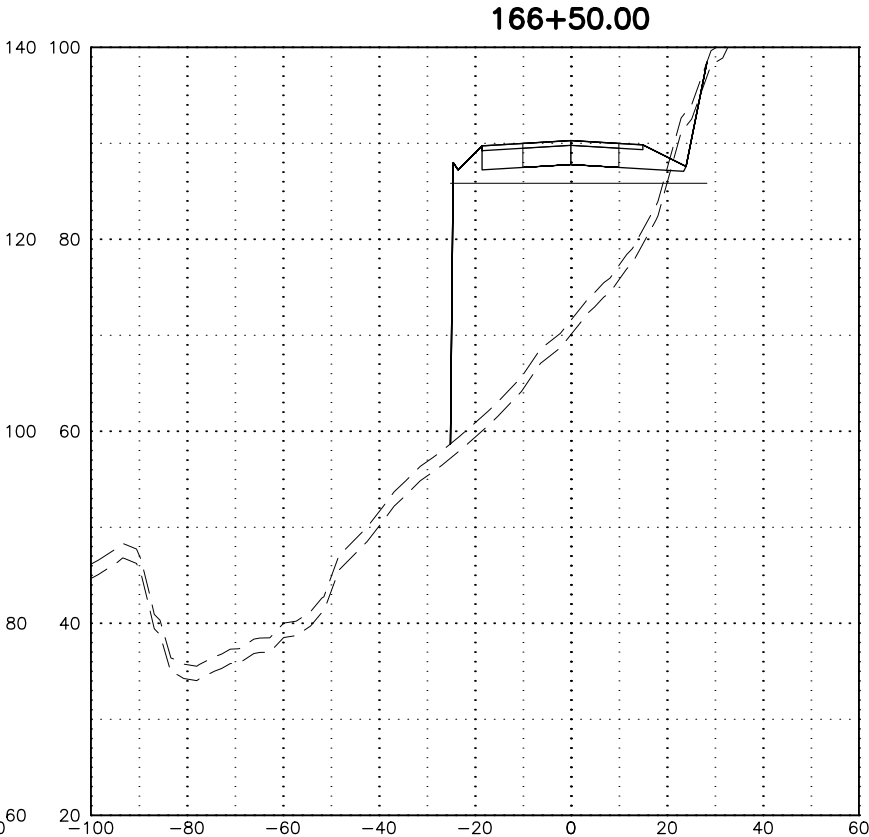
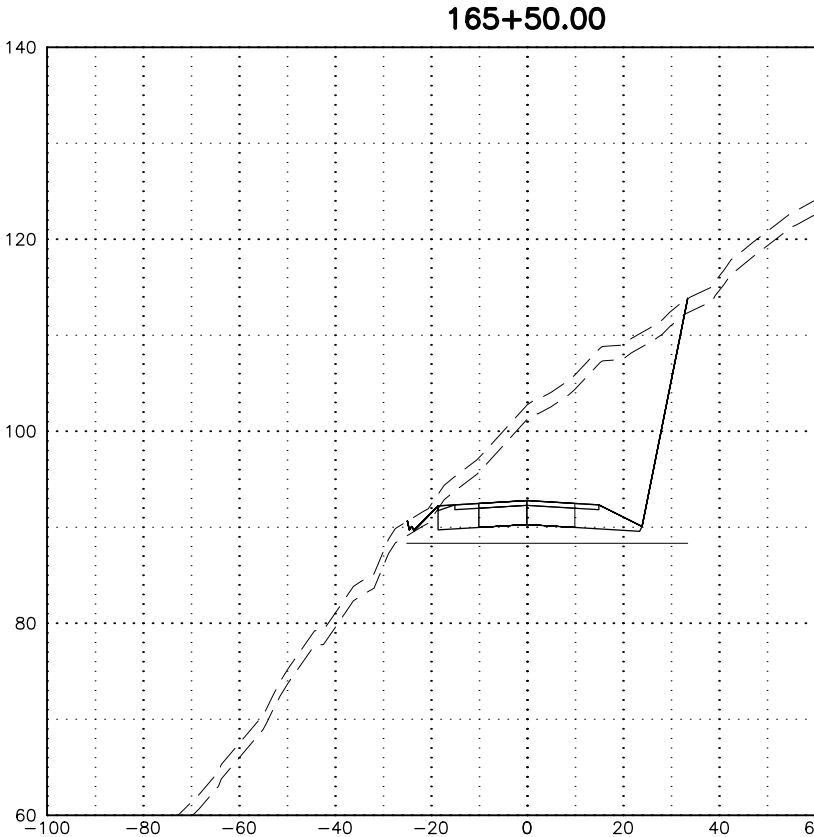
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

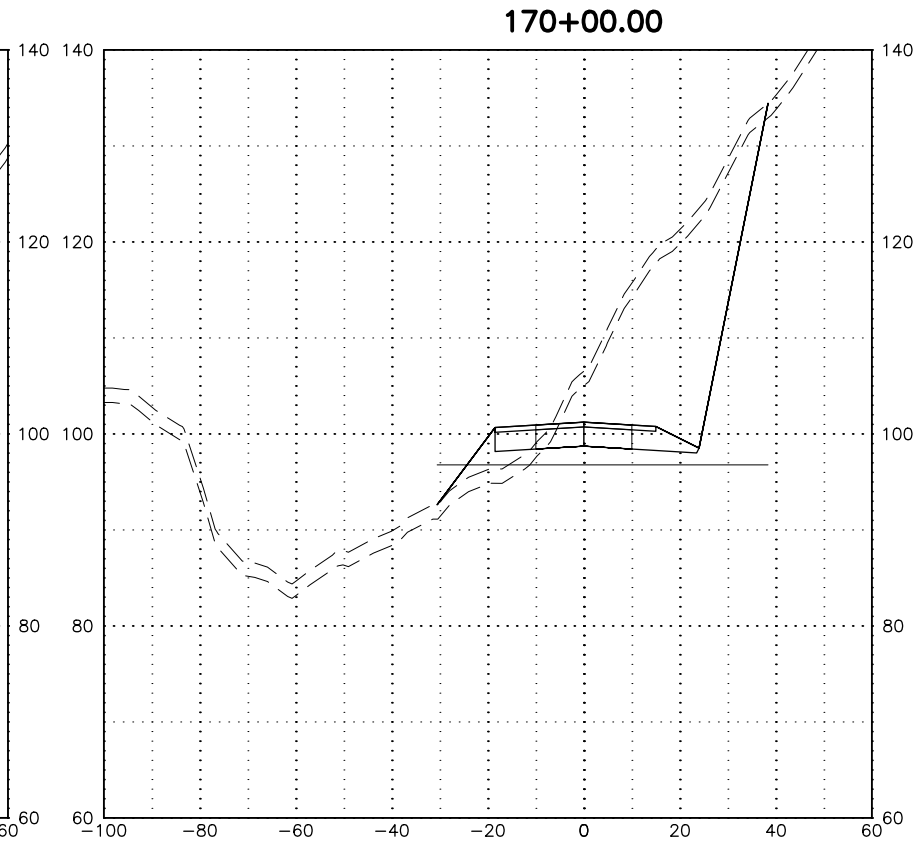
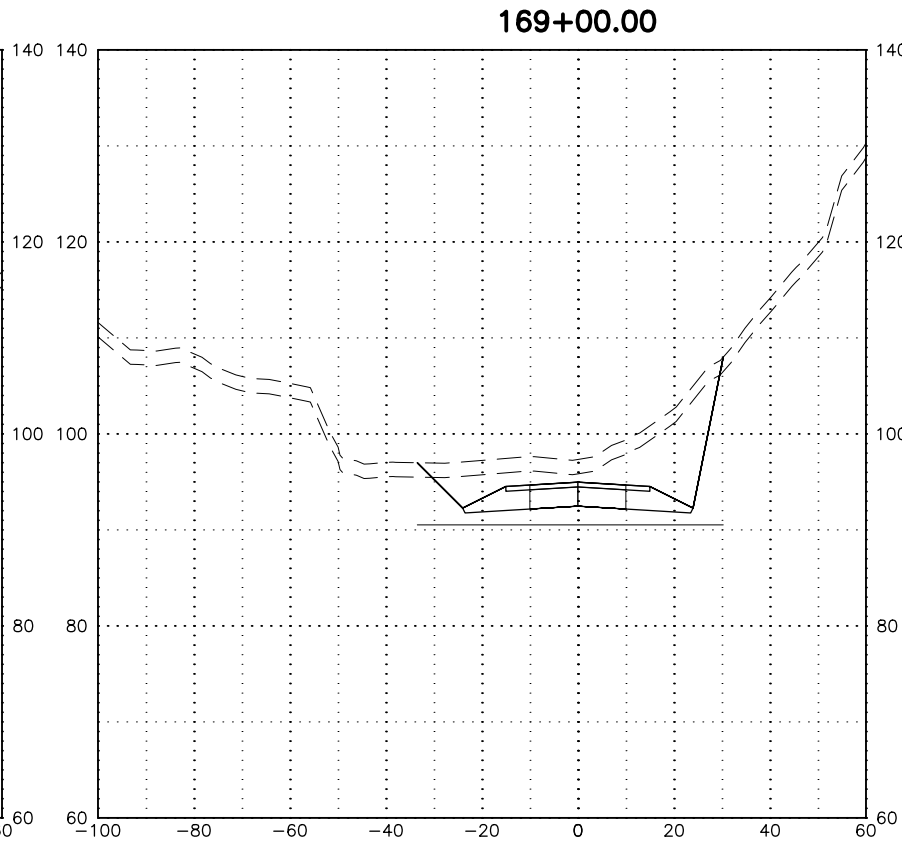
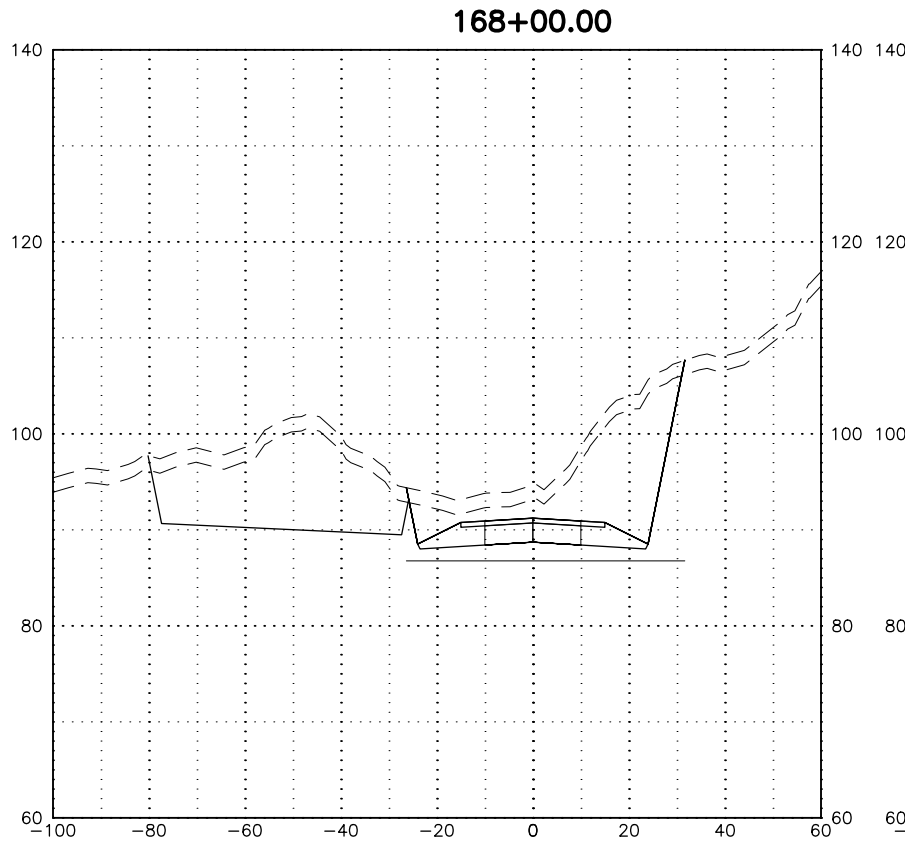
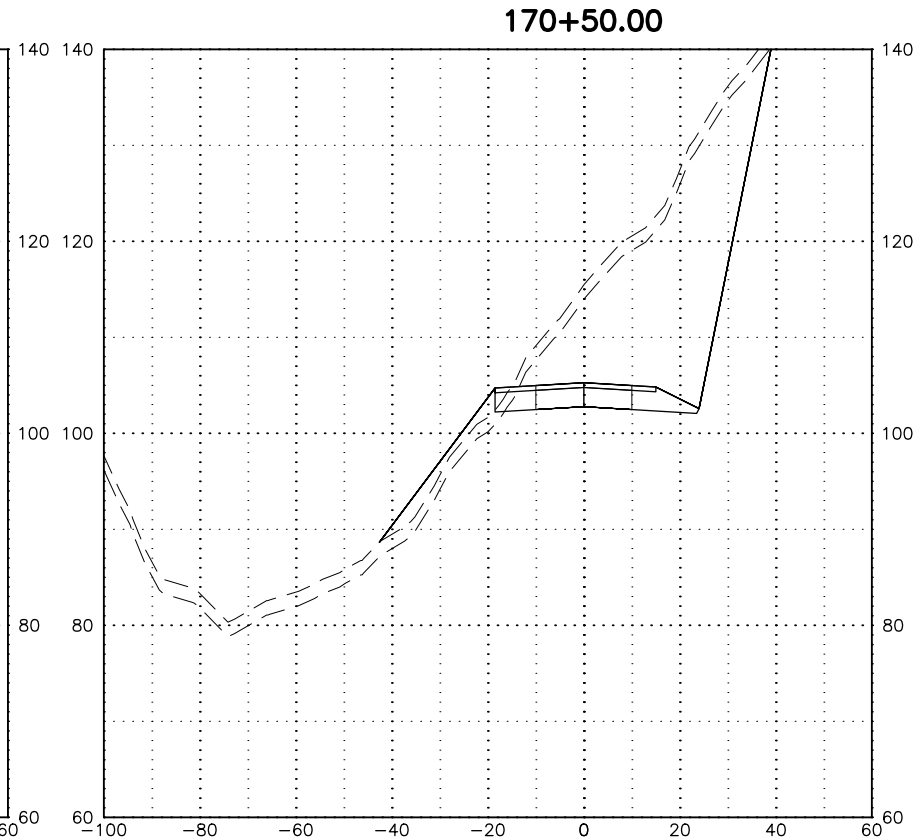
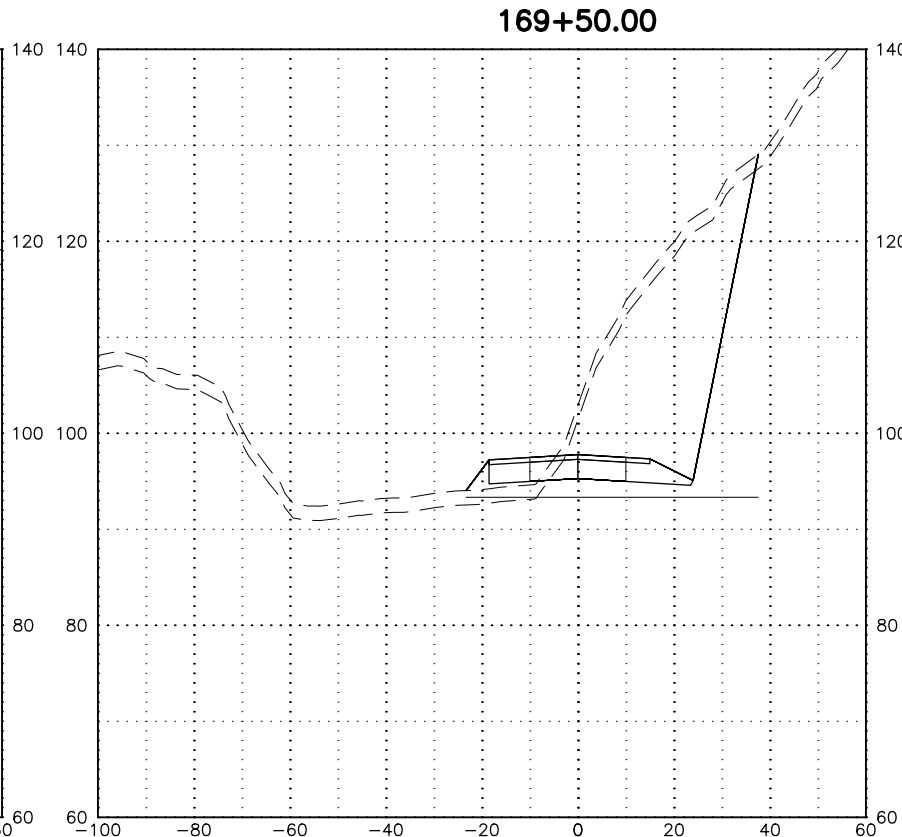
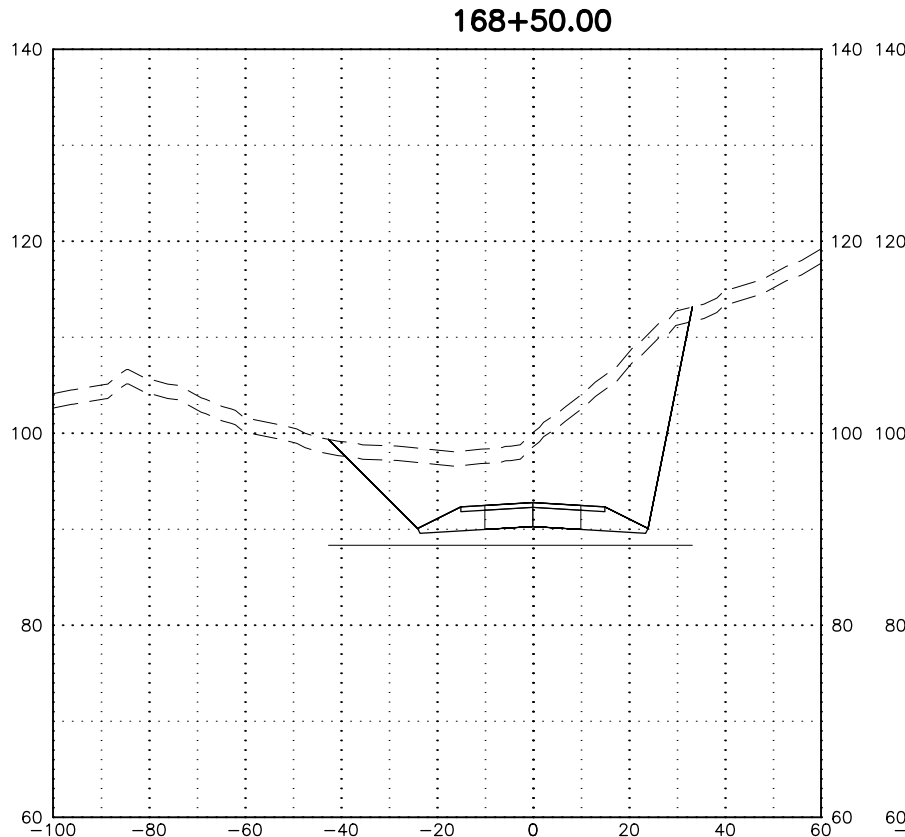
MAINLINE







DRAWING LOCATION	DATE	TIME	SCALE
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			DESIGNED BY
			CHECKED BY
			DRAFTED BY



SHEET NO.	TOTAL SHEETS
X27	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



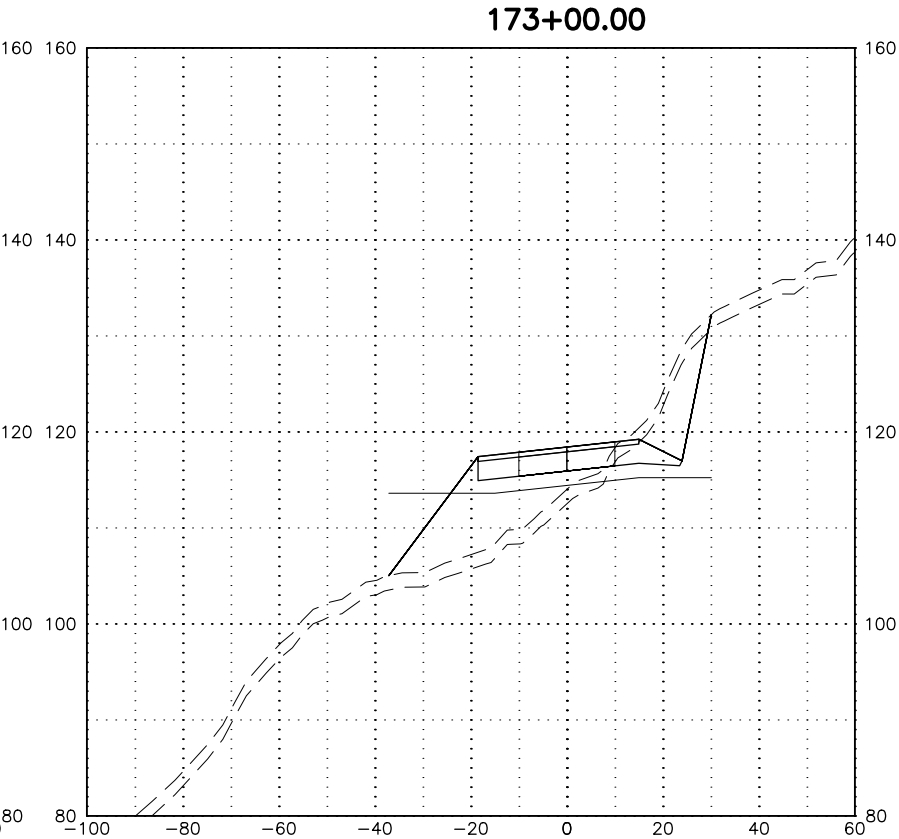
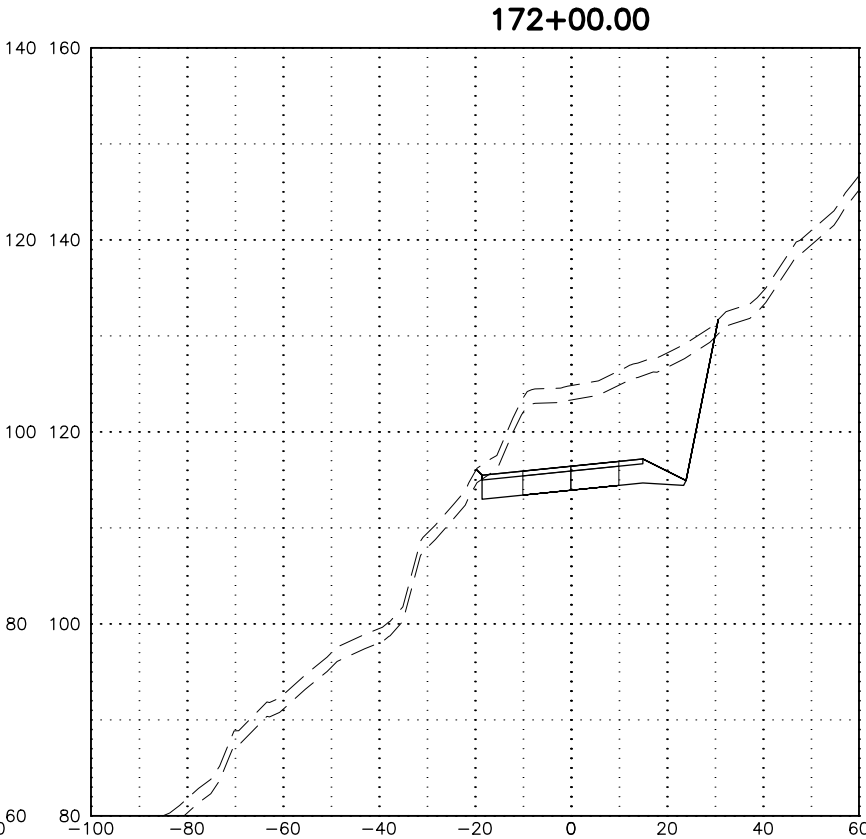
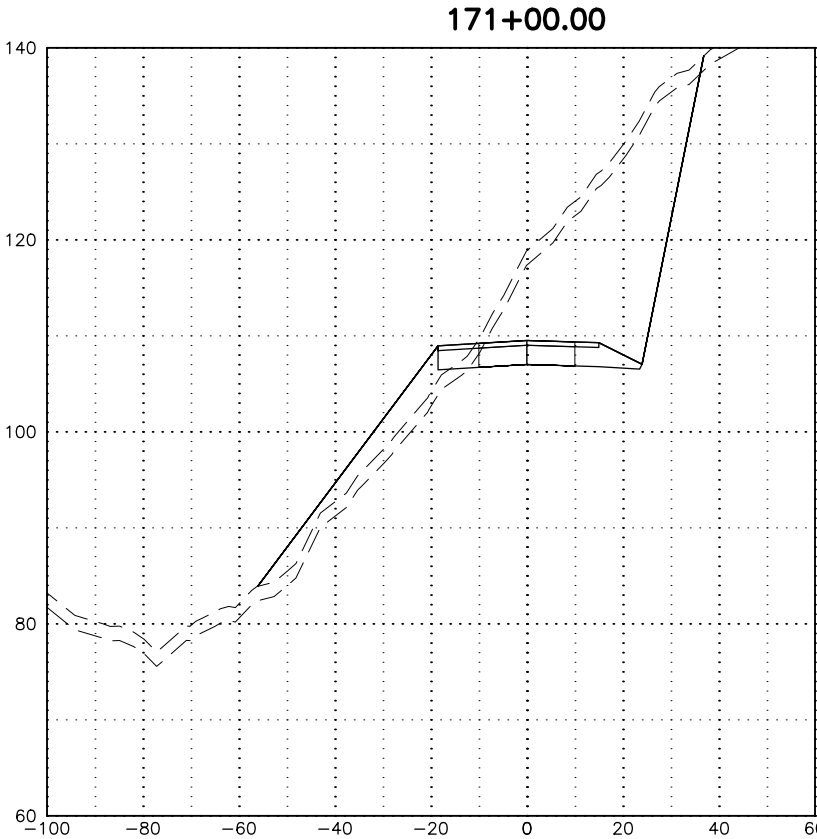
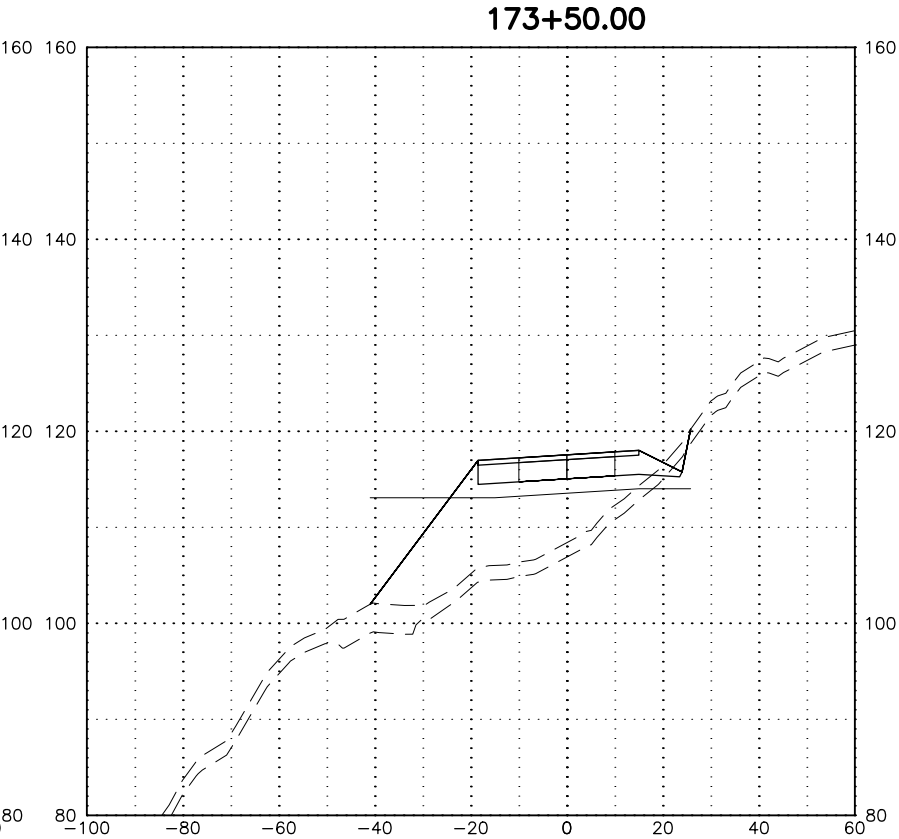
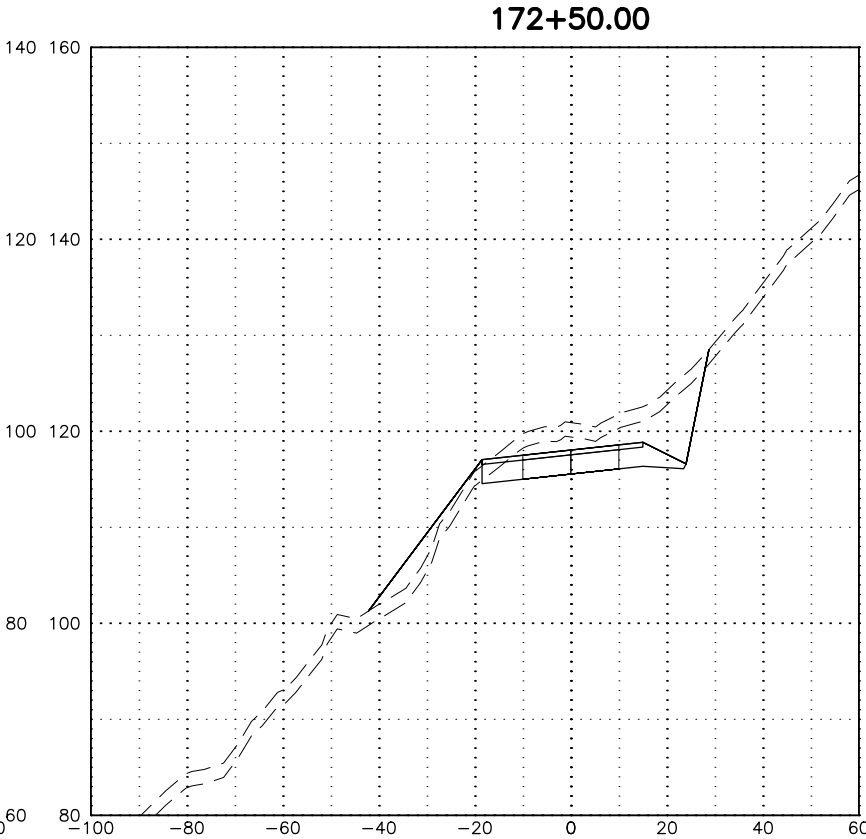
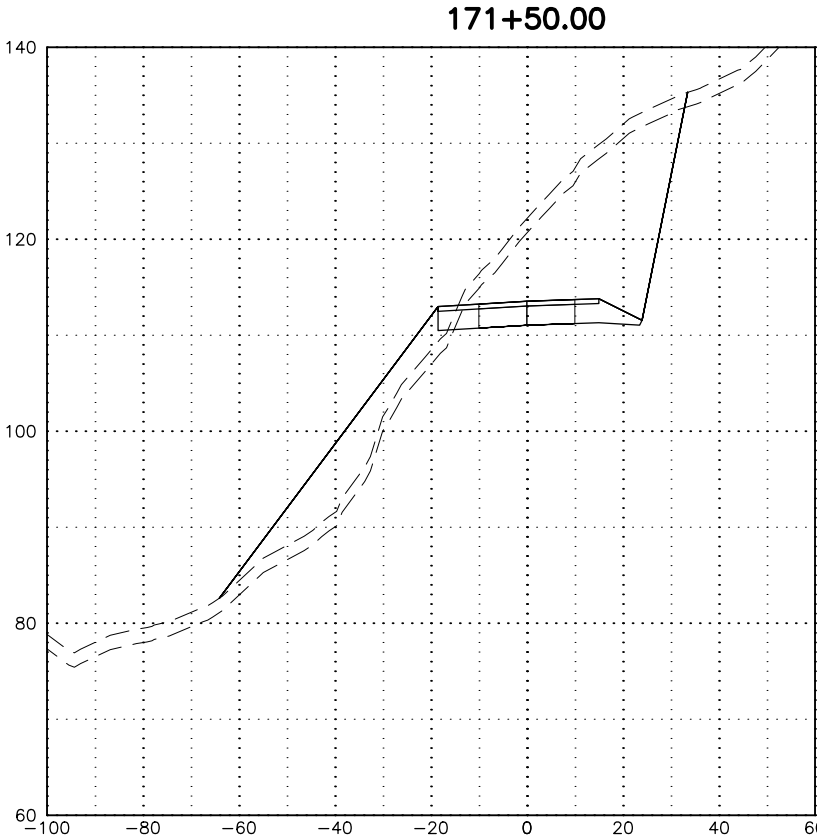
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



SHEET NO.	TOTAL SHEETS
X28	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

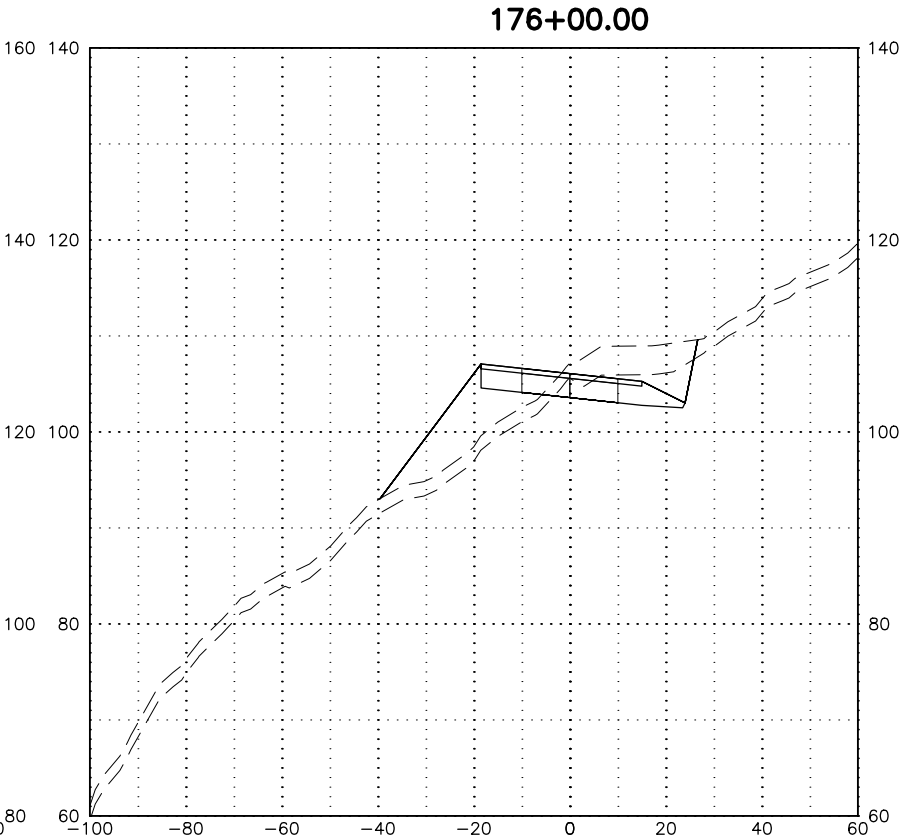
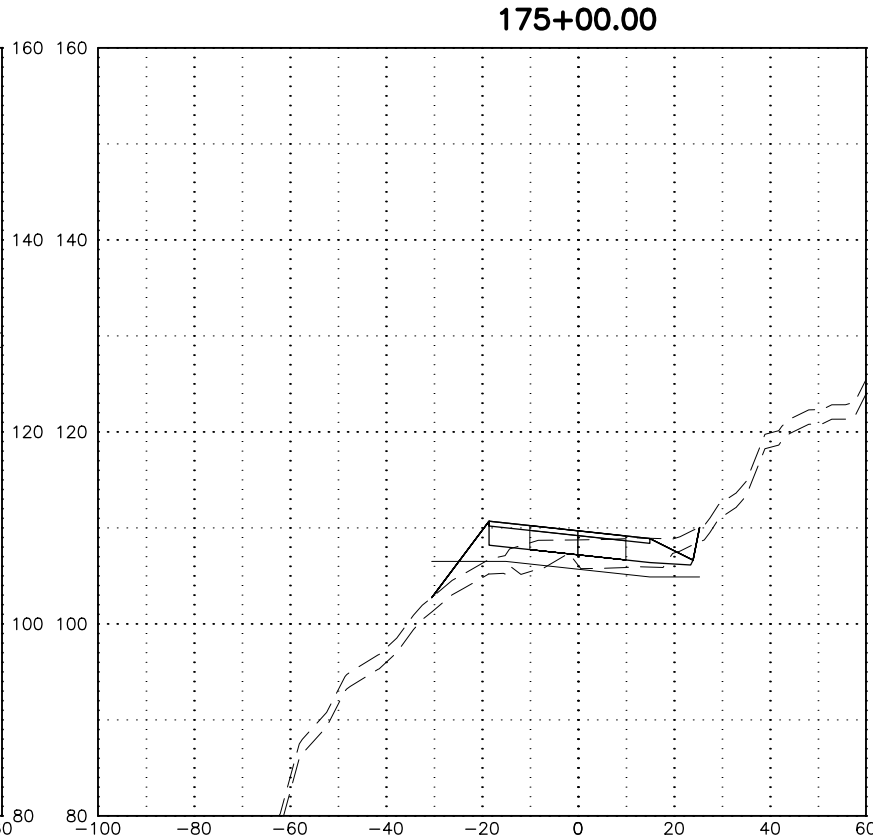
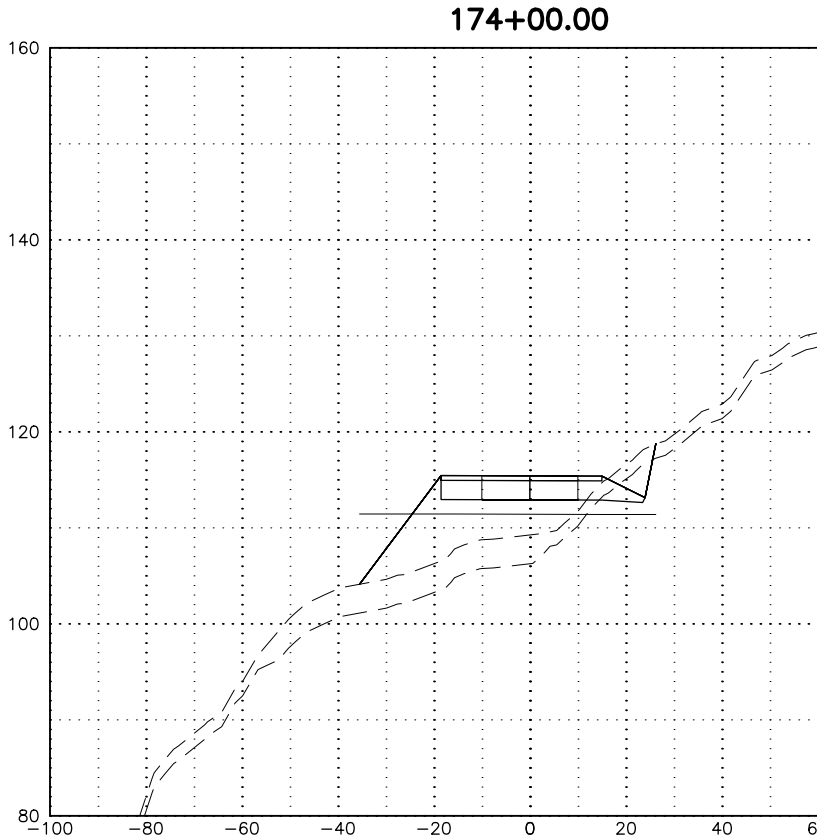
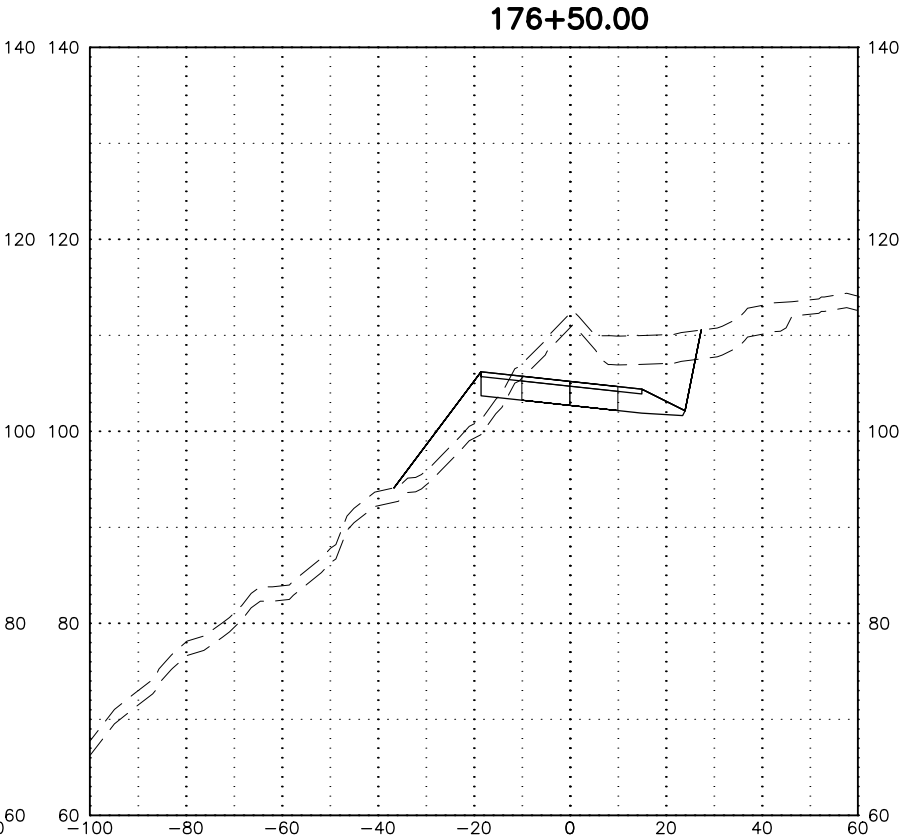
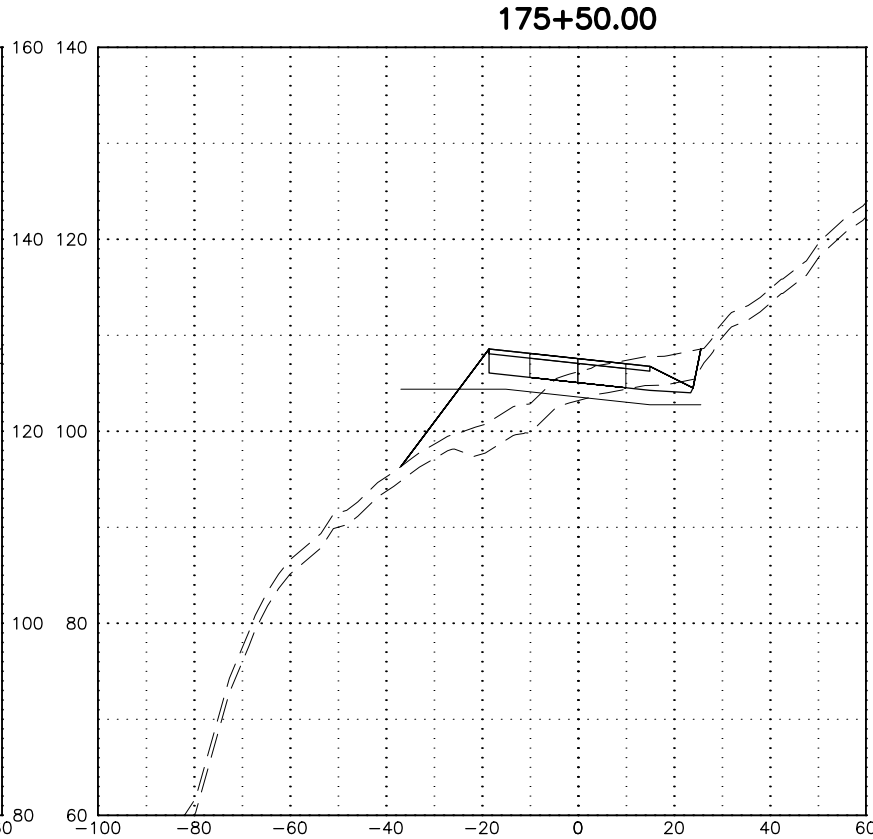
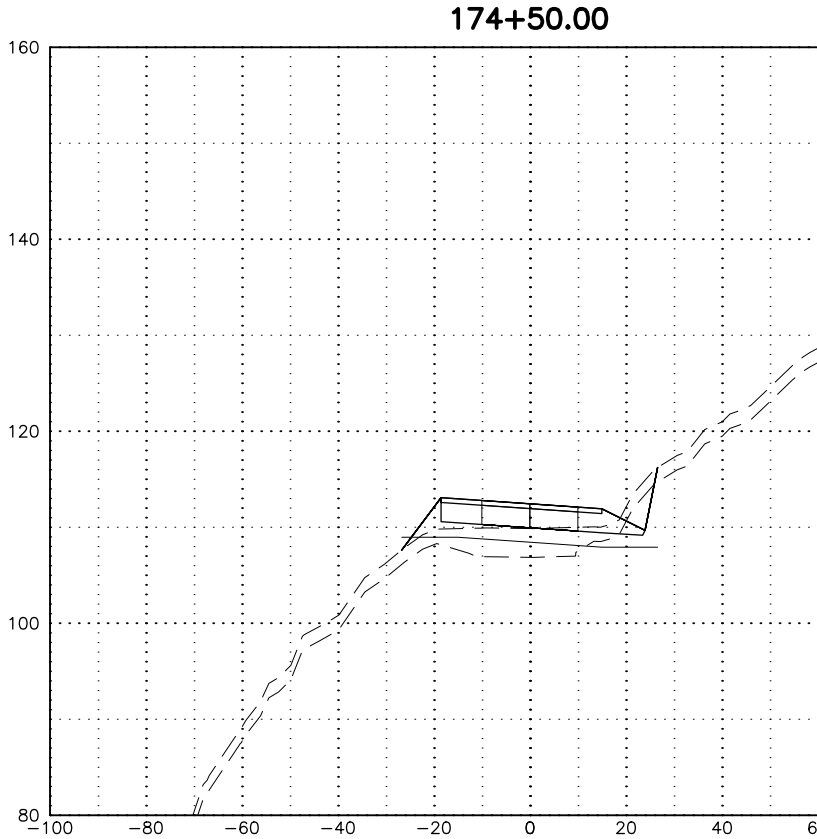
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



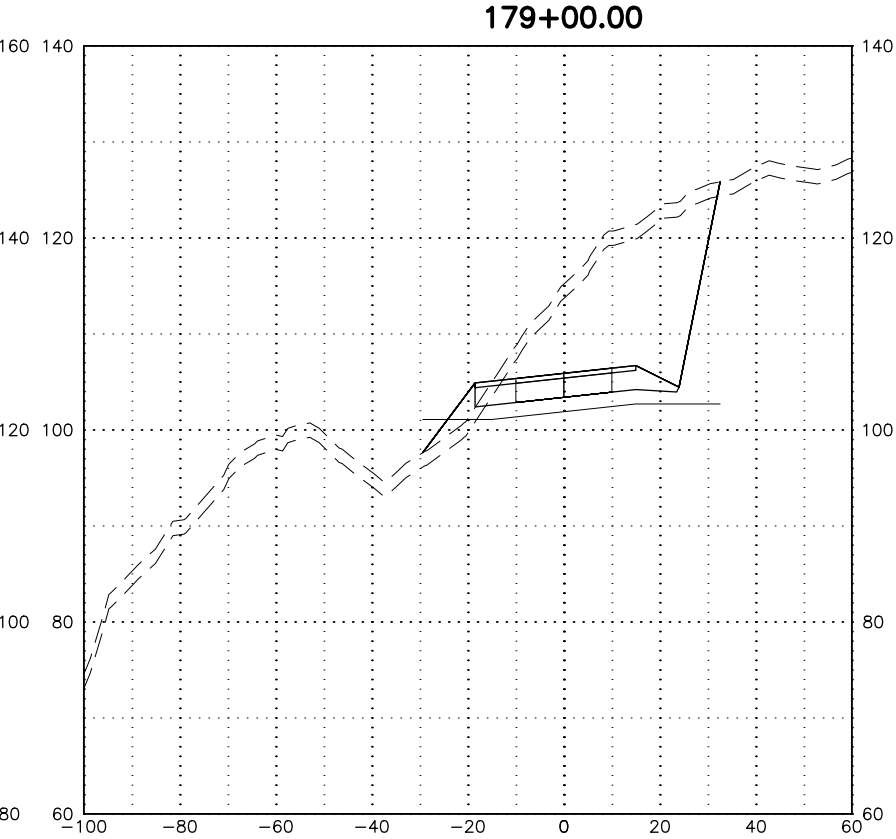
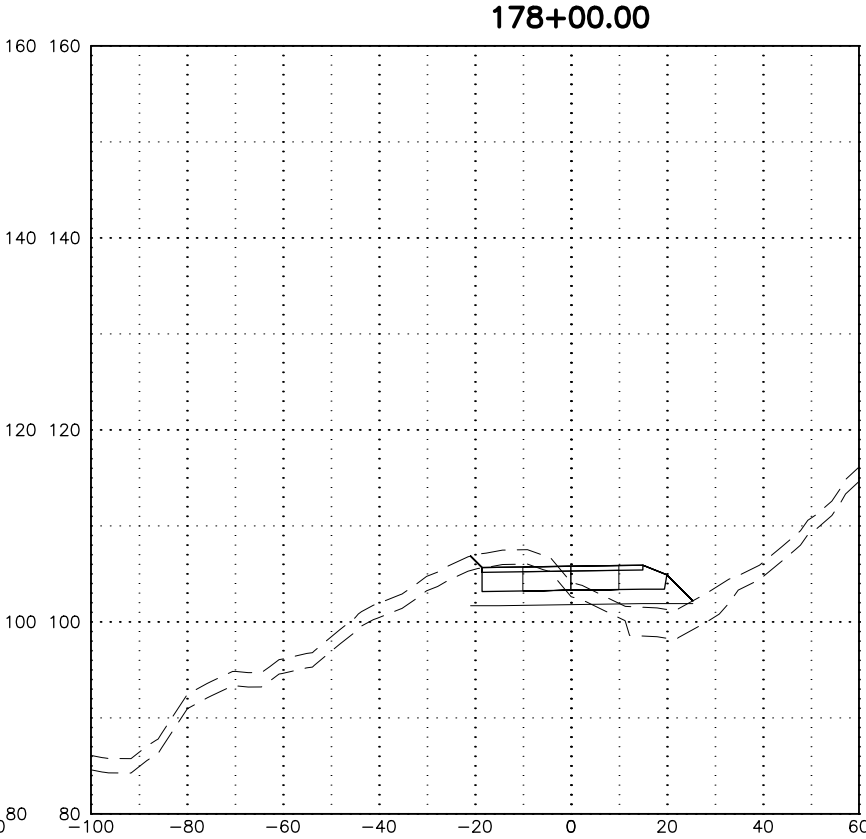
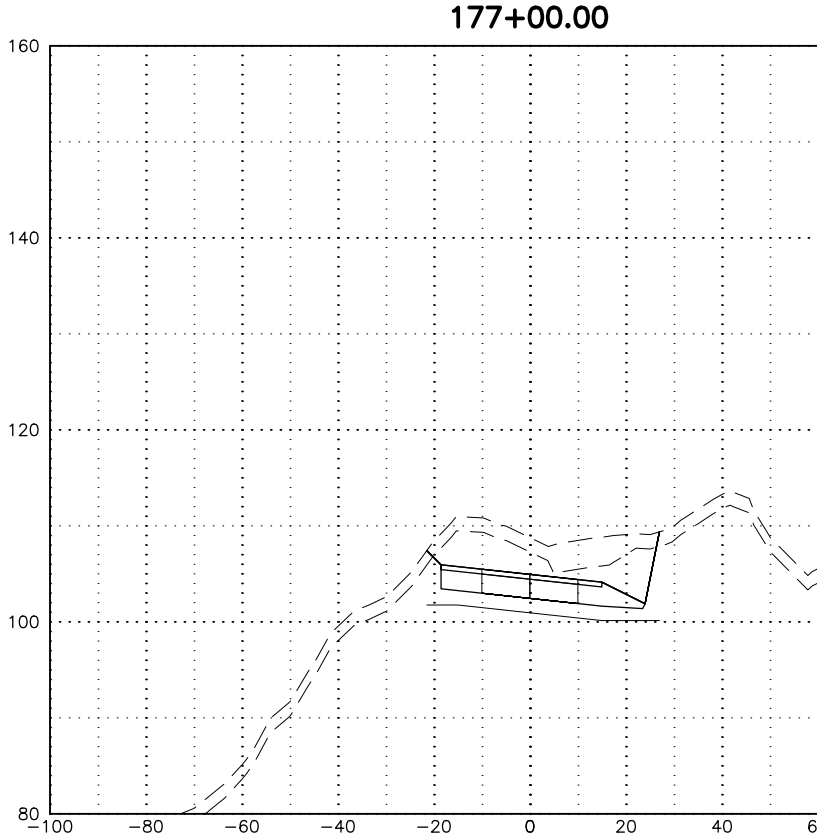
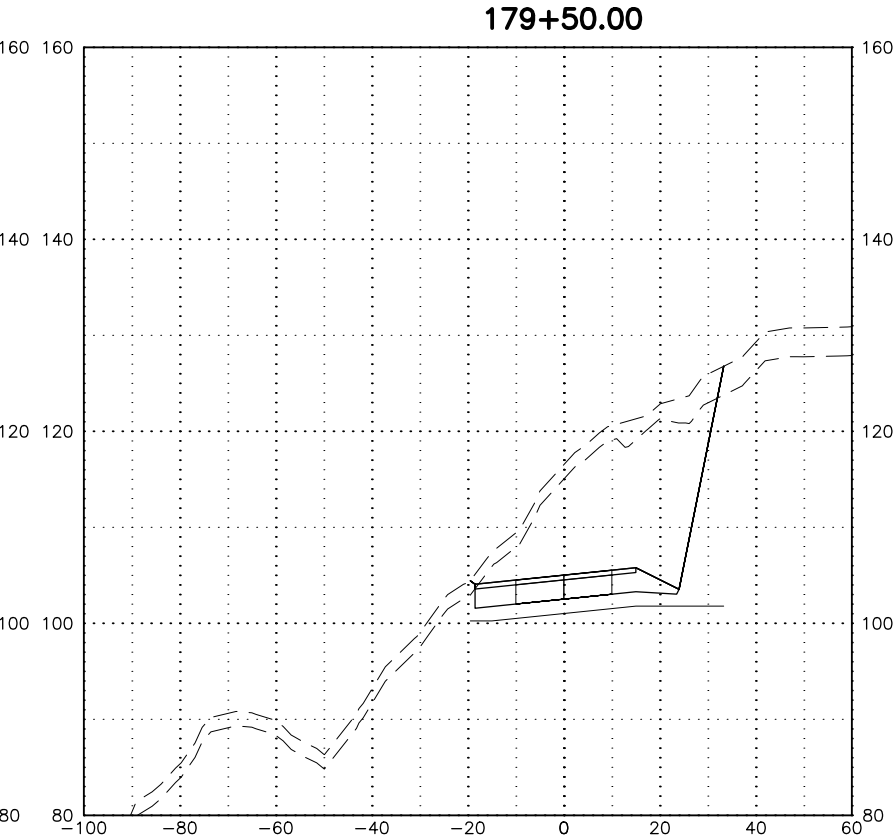
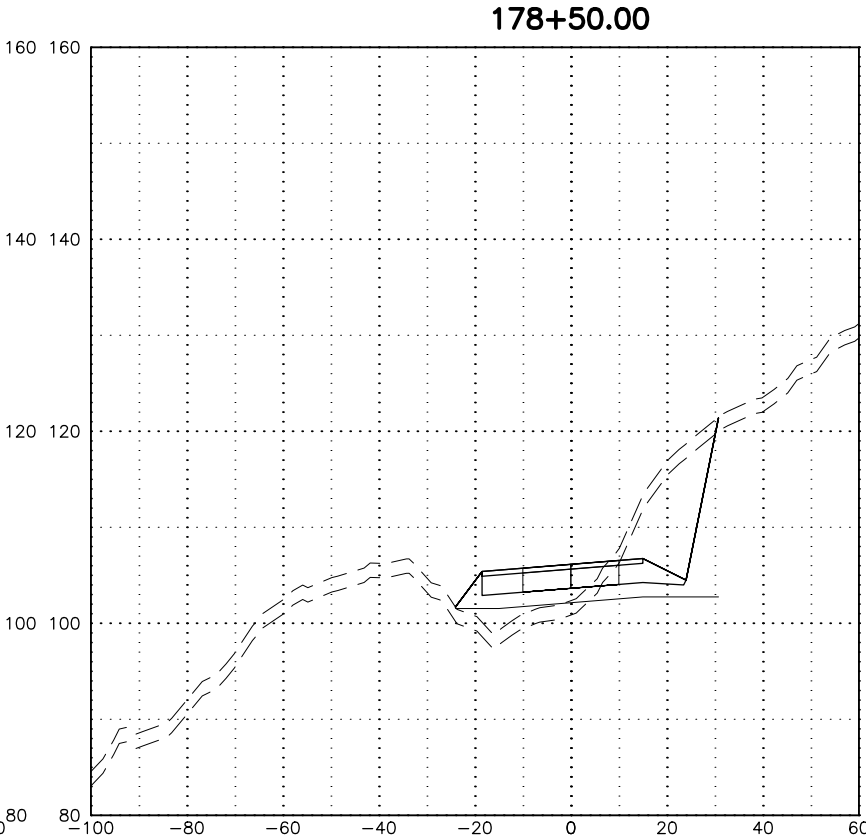
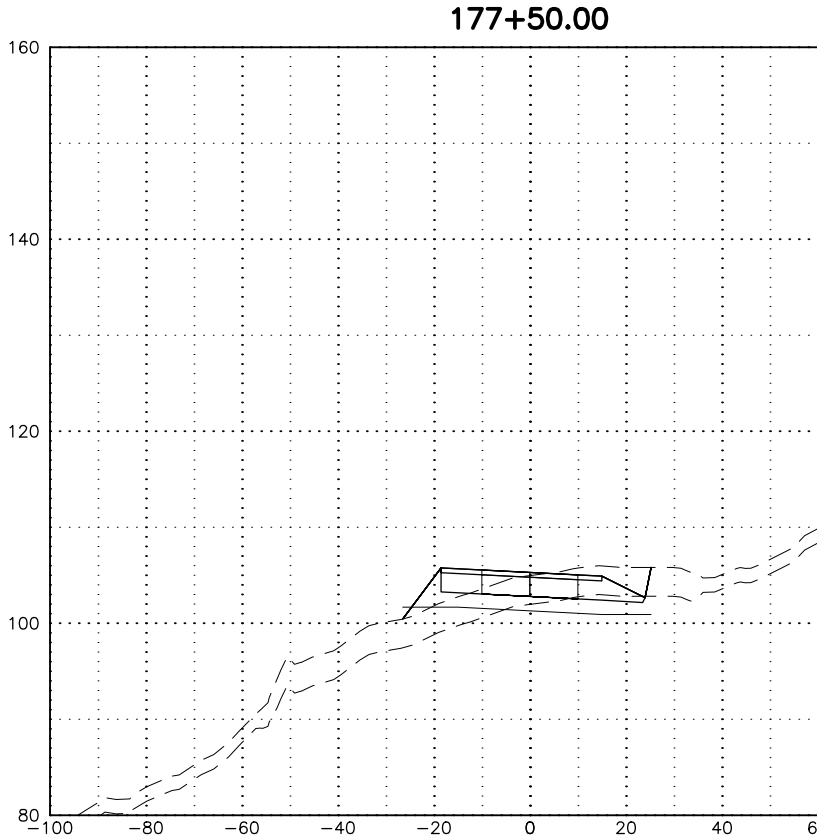
SHEET NO.	TOTAL SHEETS
X29	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

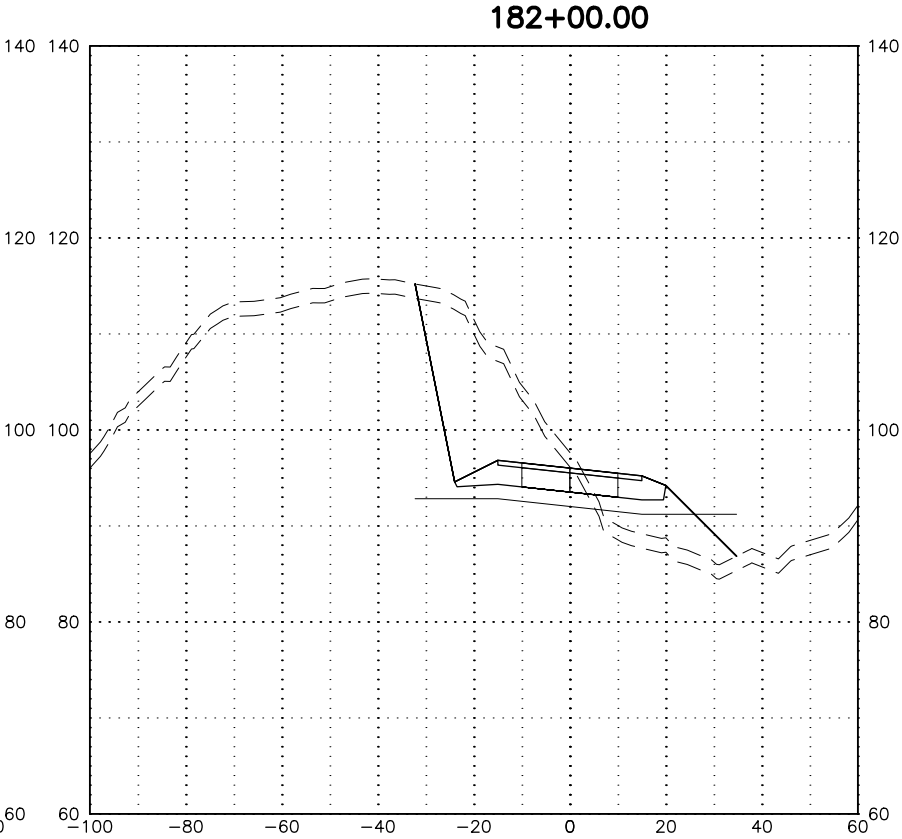
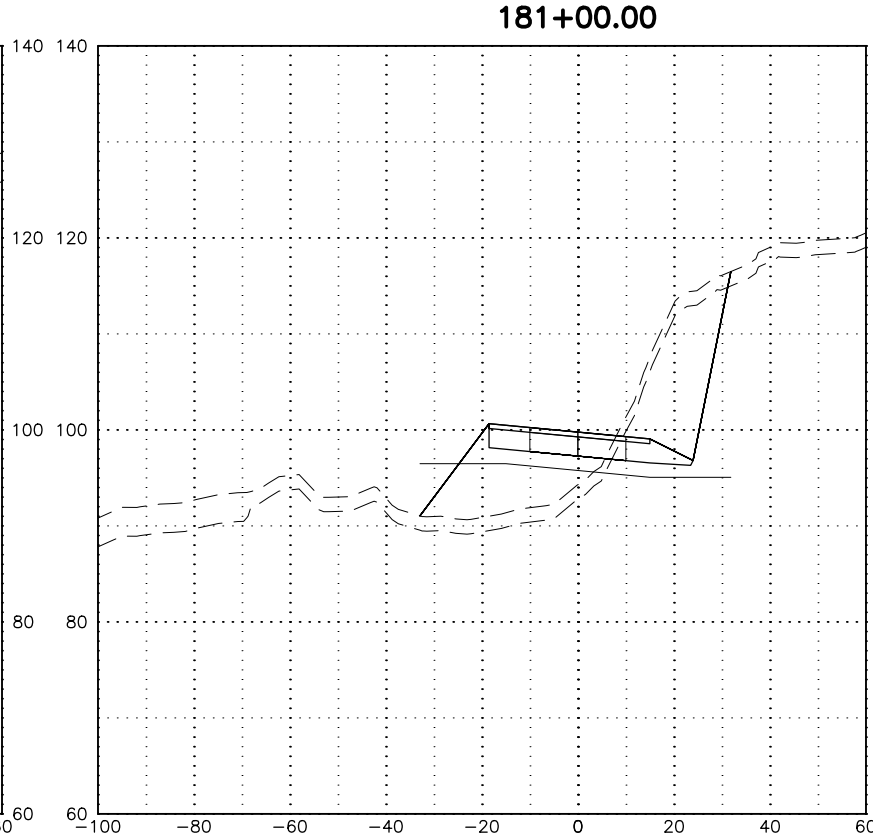
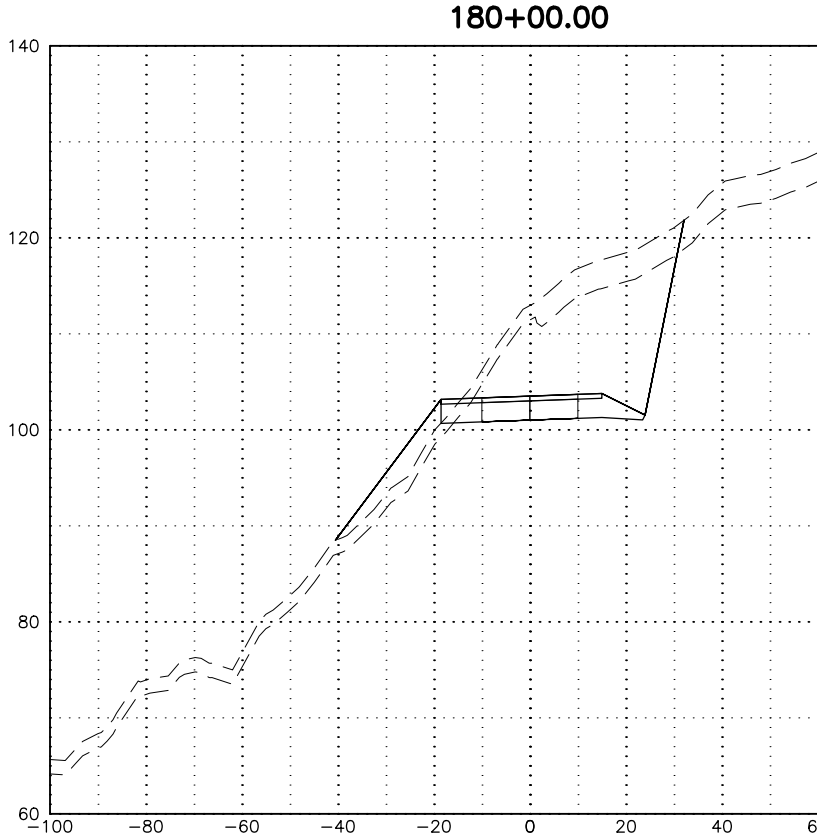
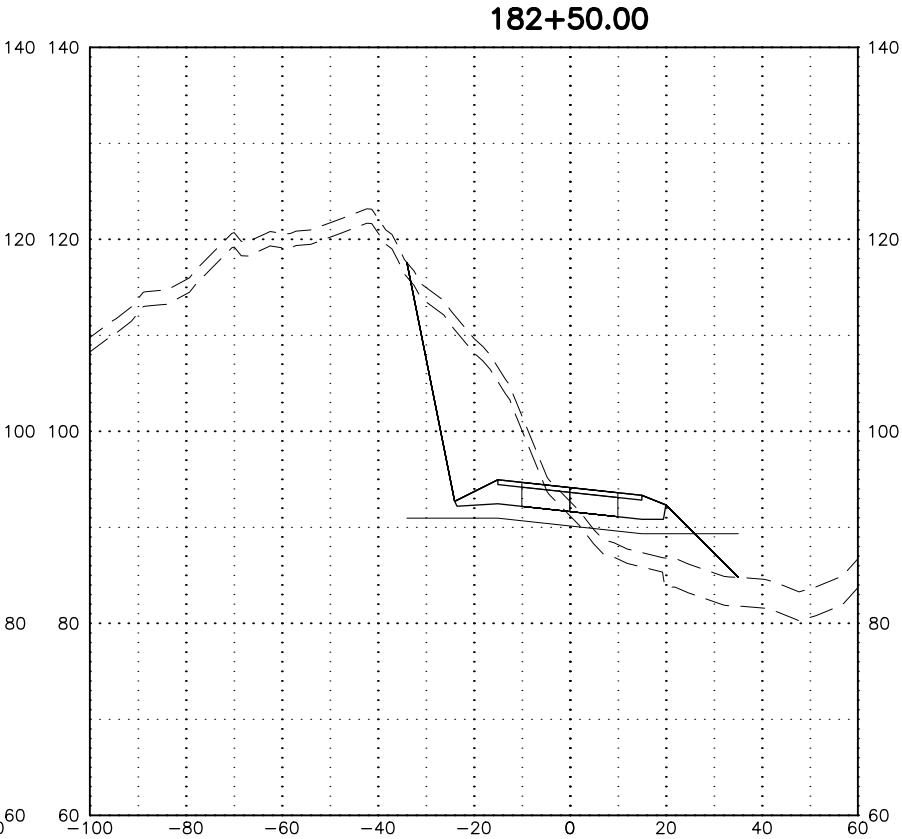
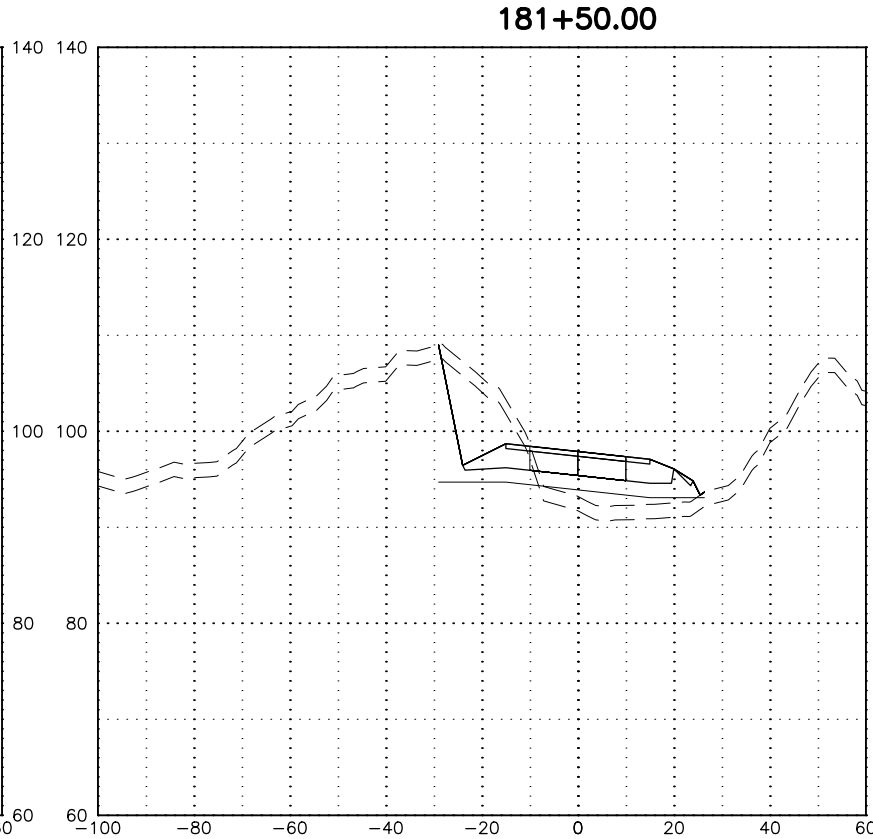
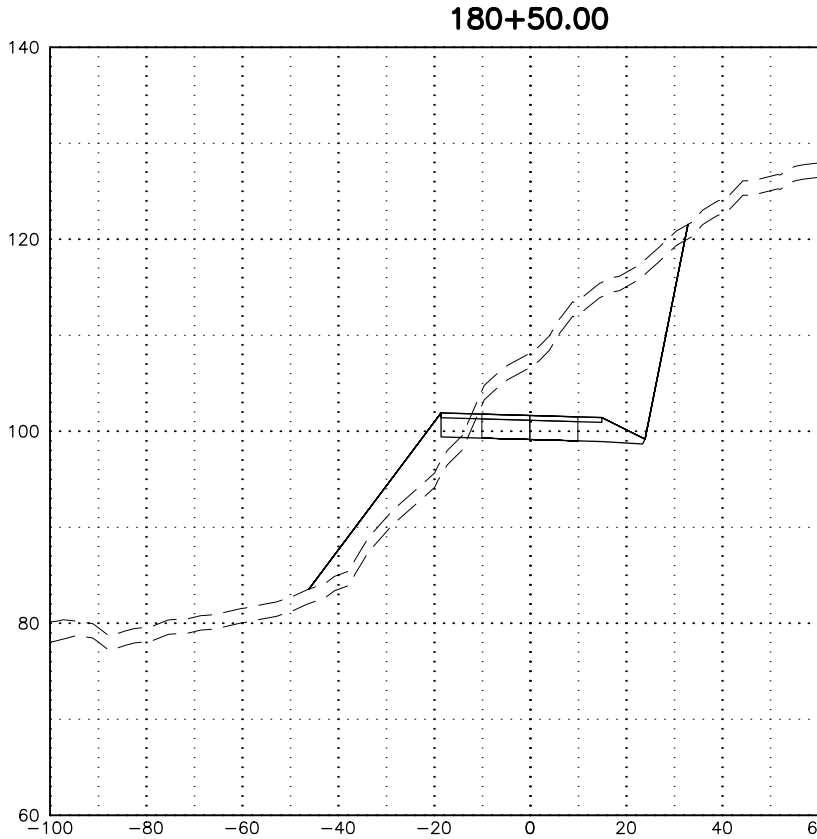


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EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE





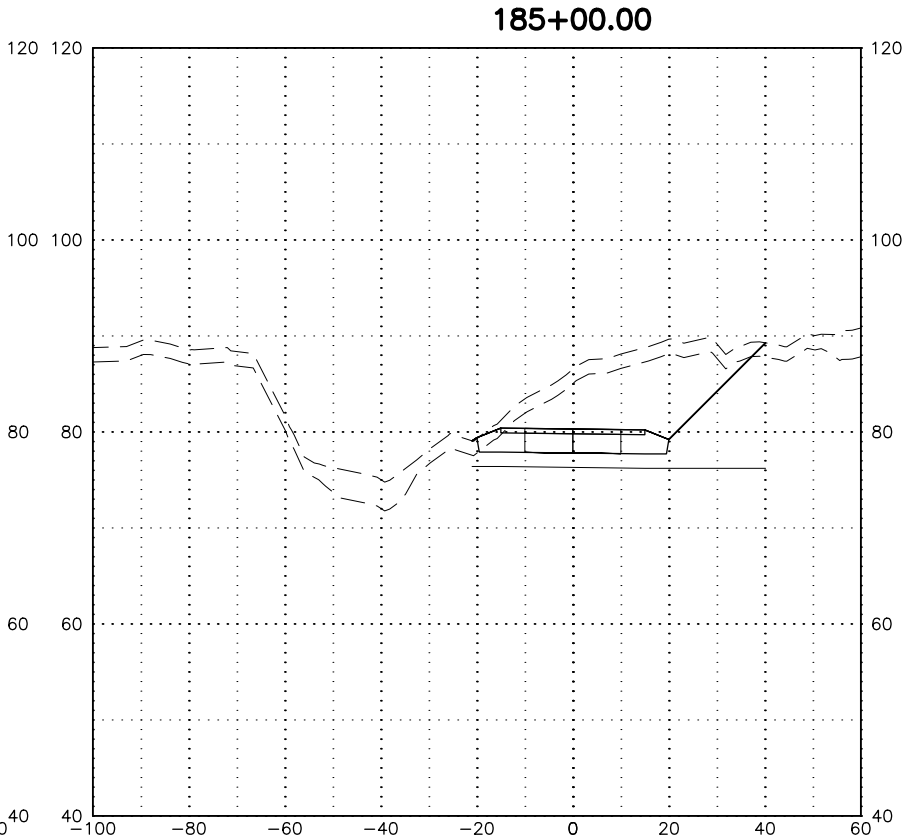
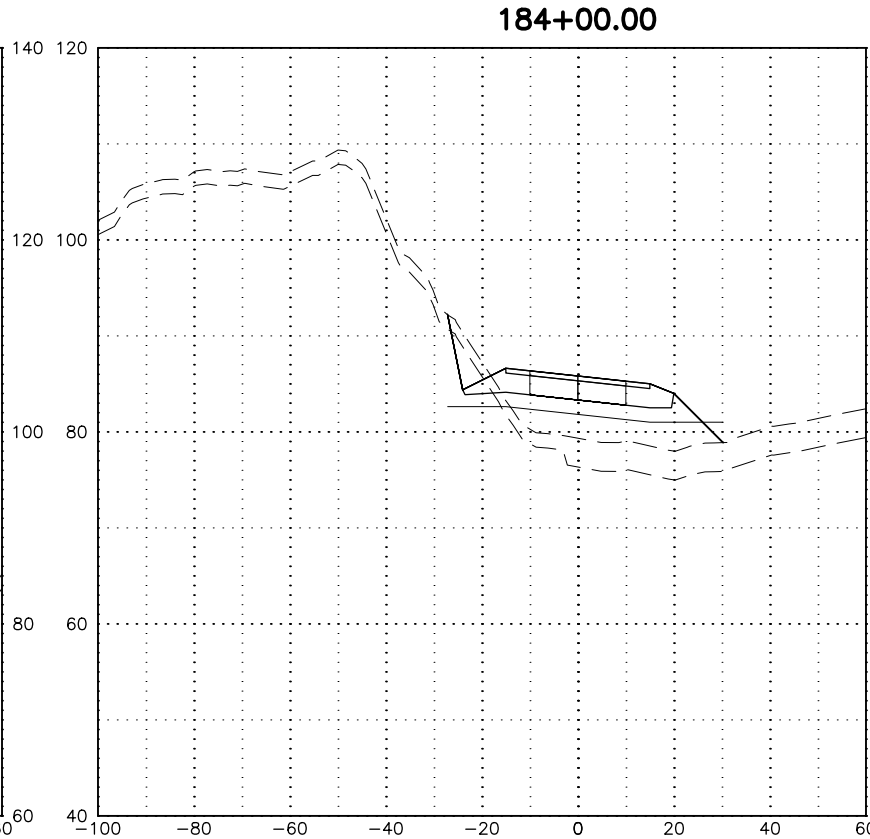
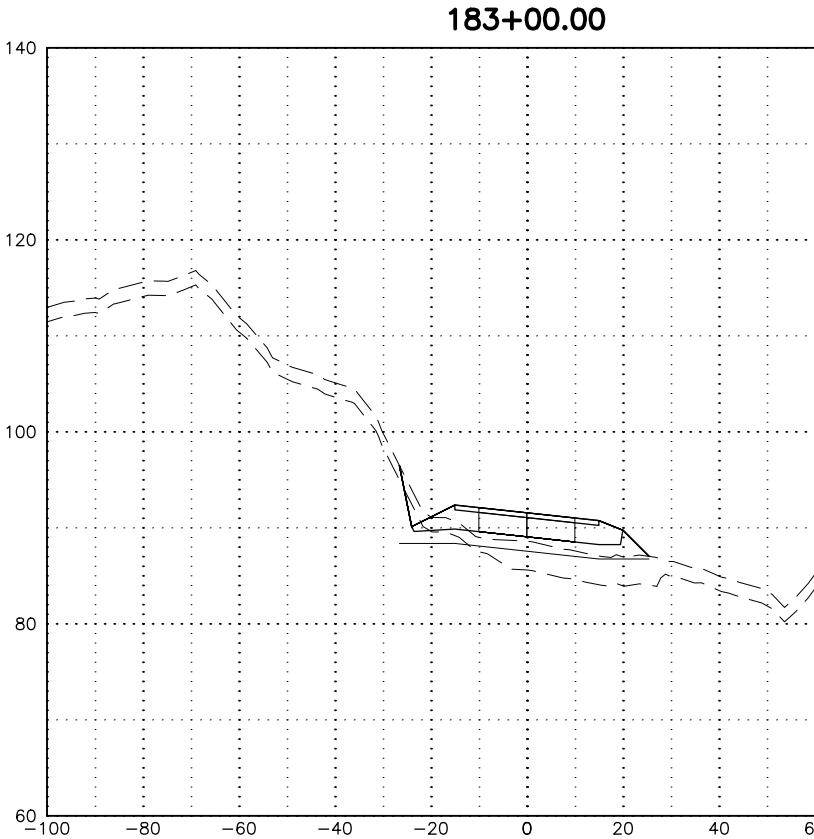
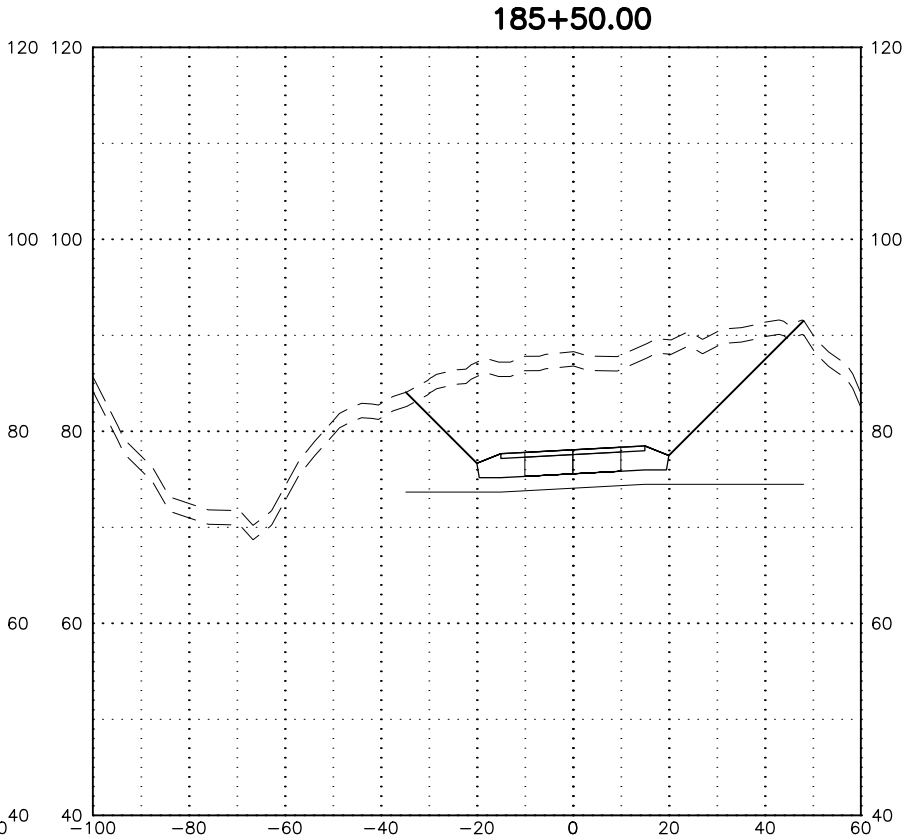
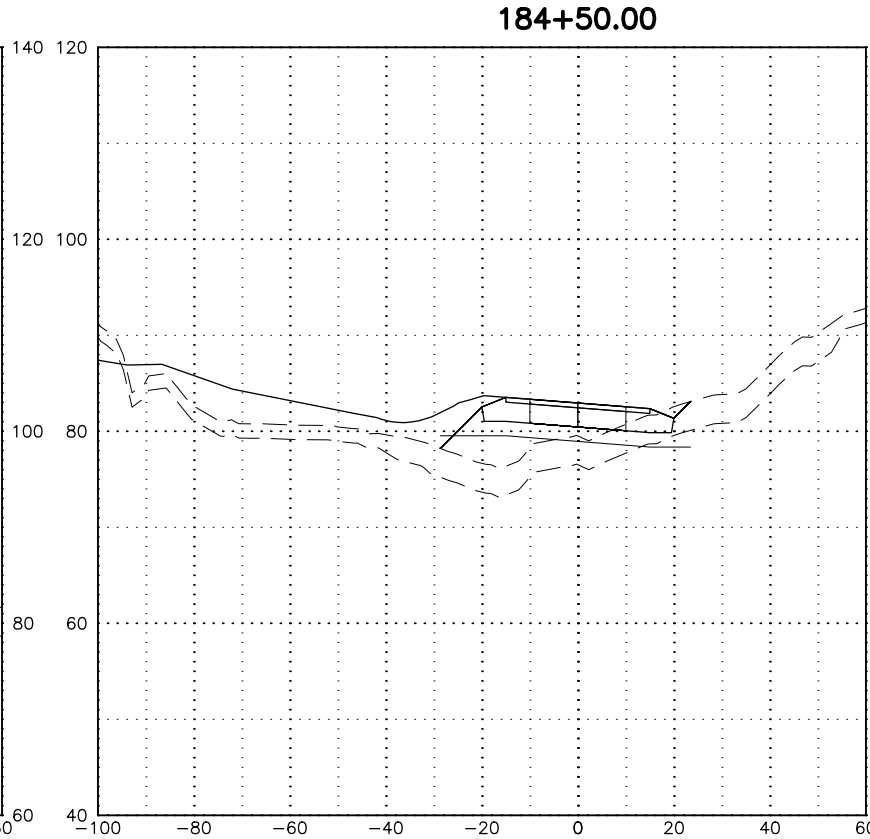
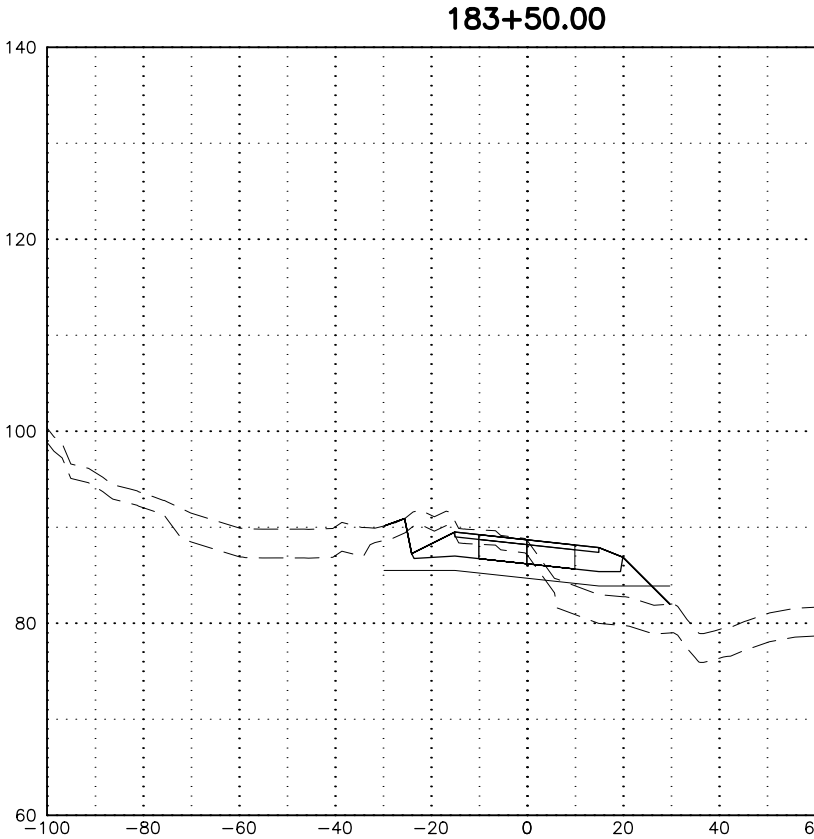
SHEET NO.	TOTAL SHEETS
X31	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

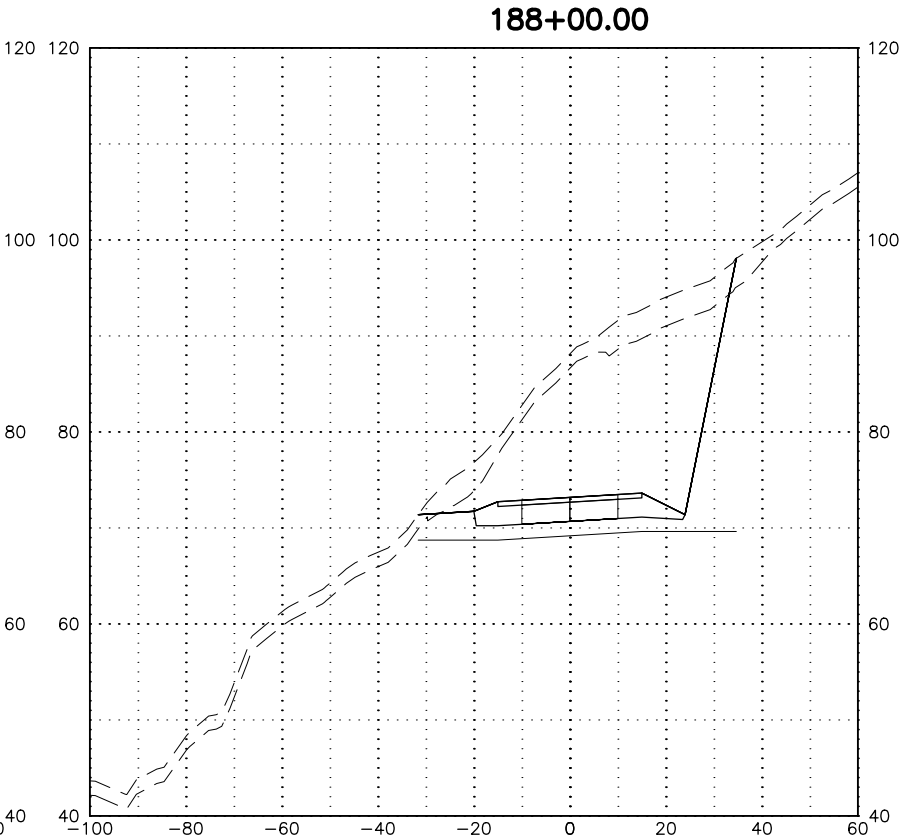
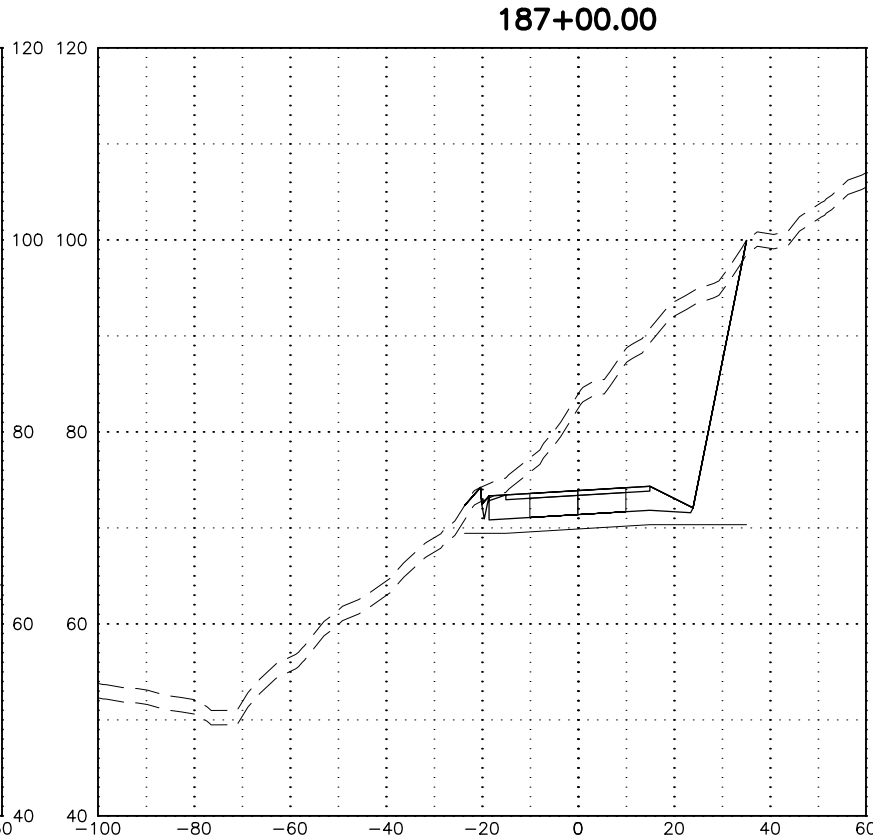
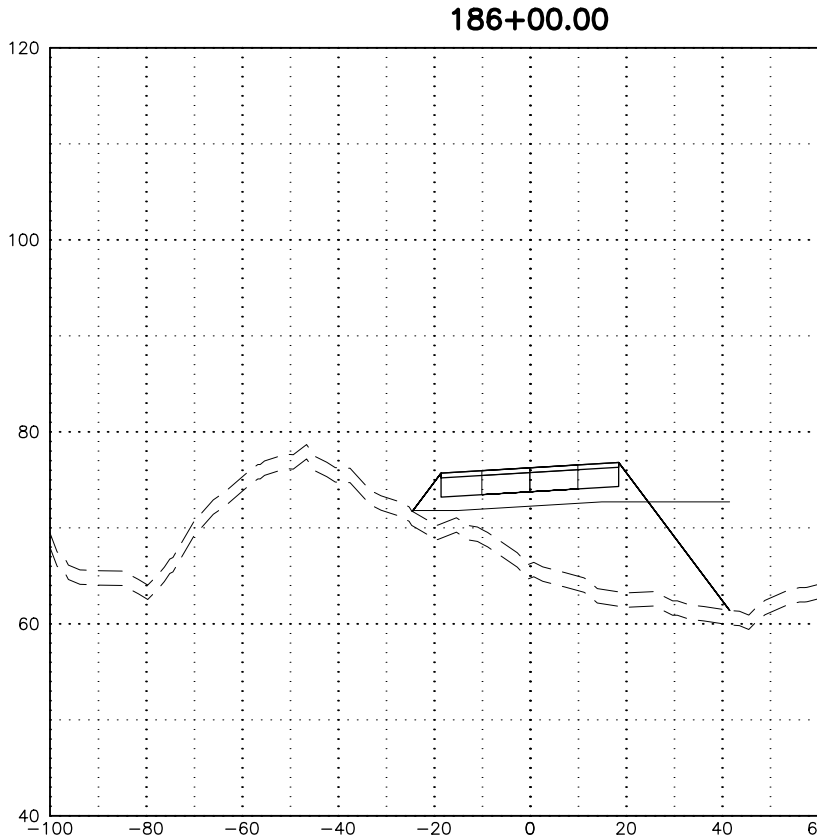
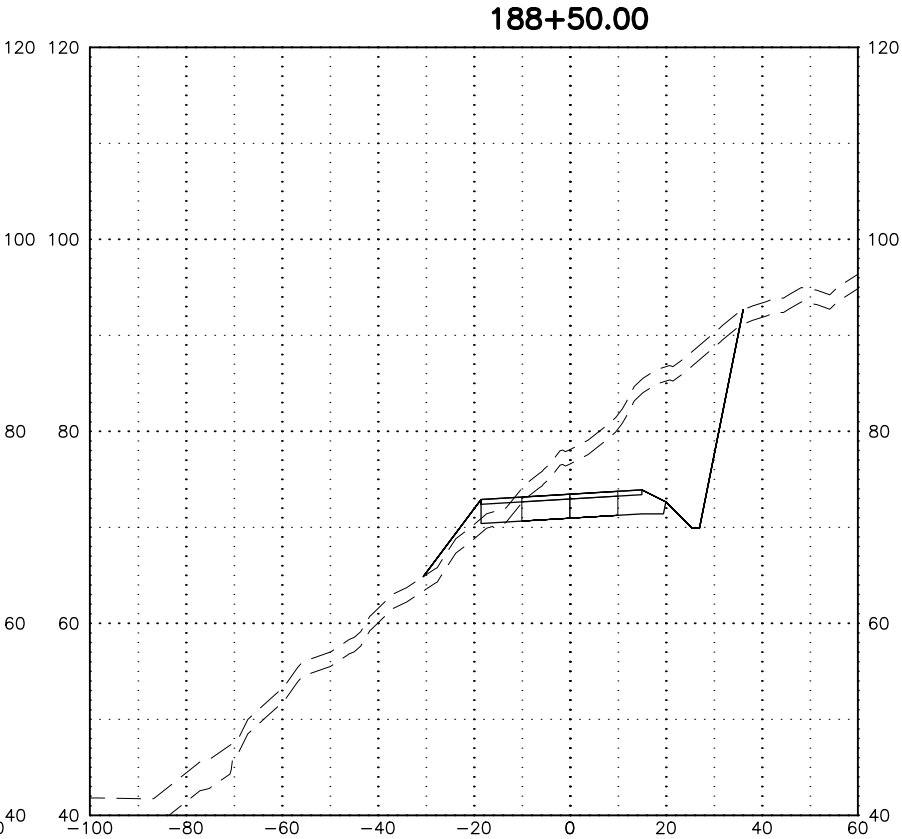
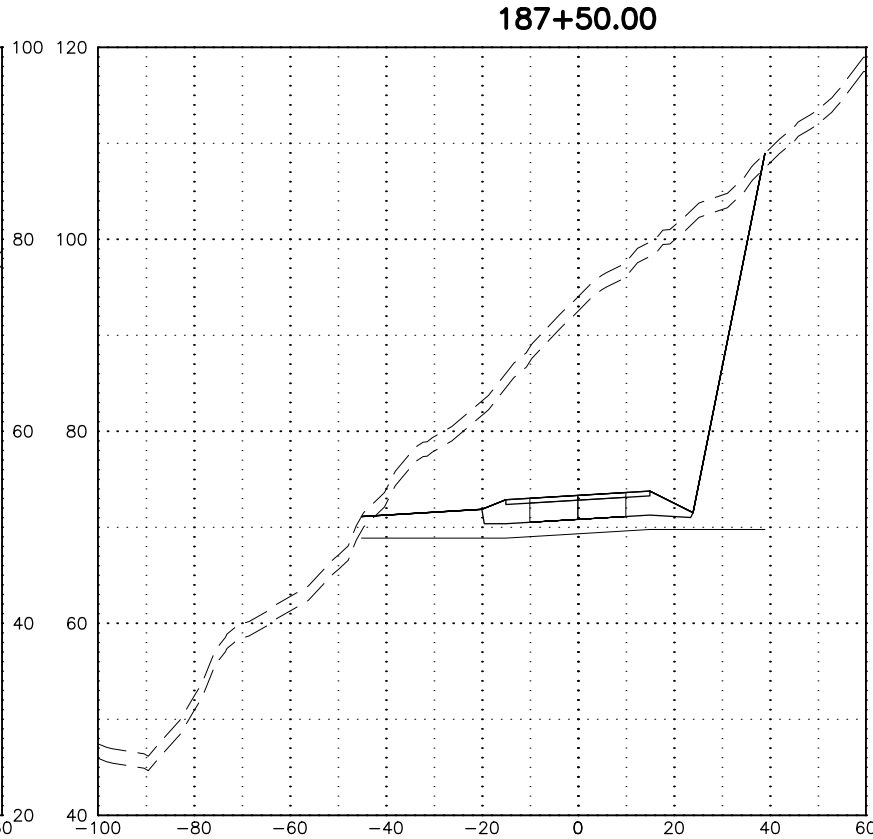
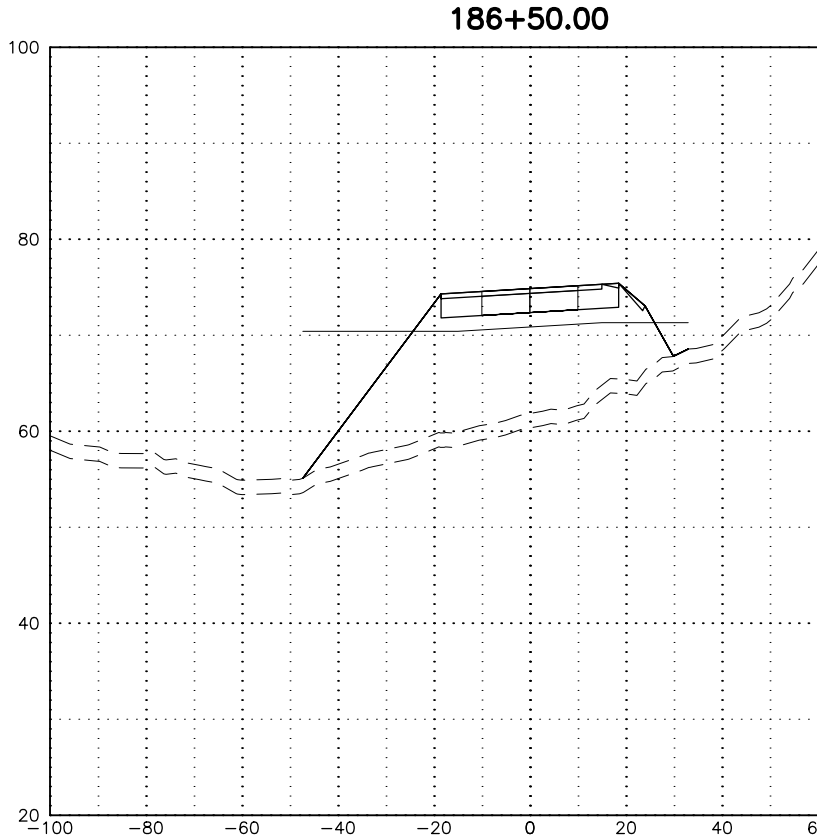


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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE





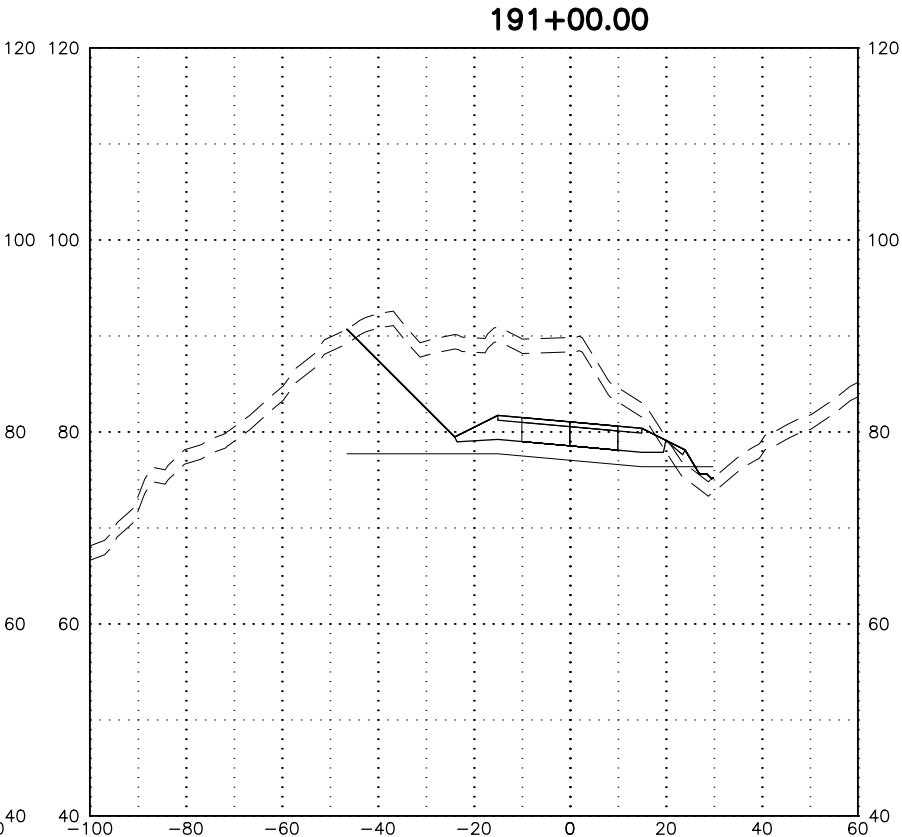
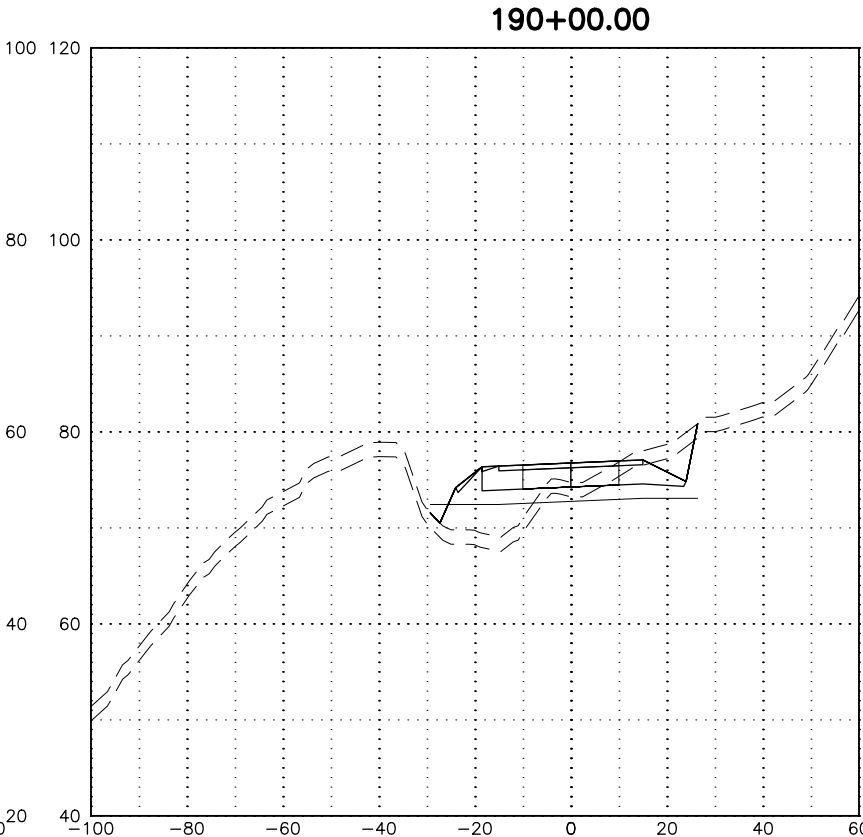
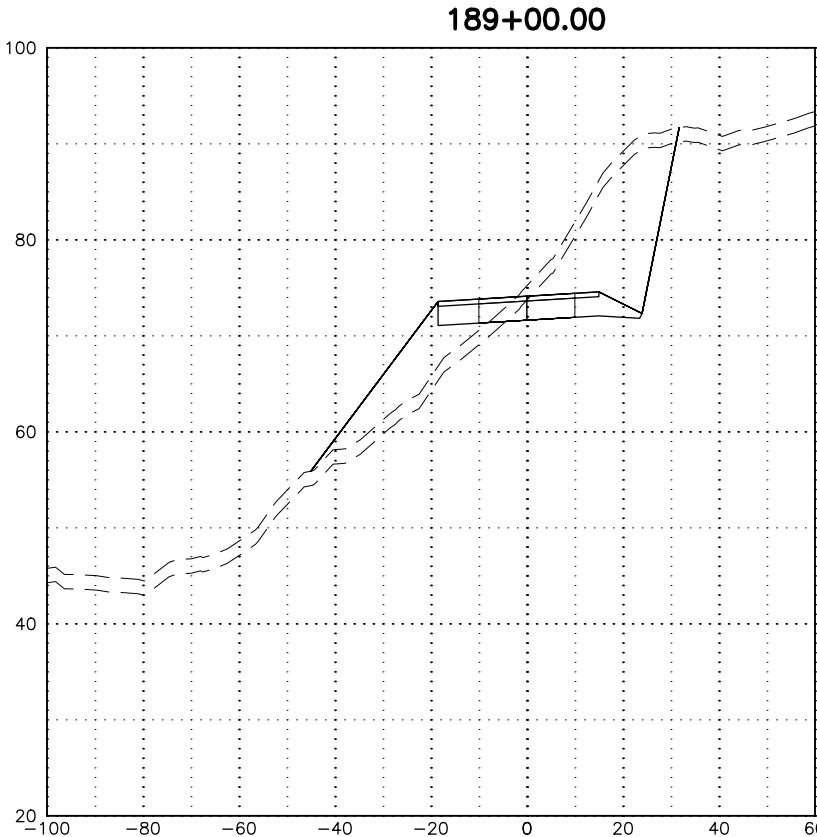
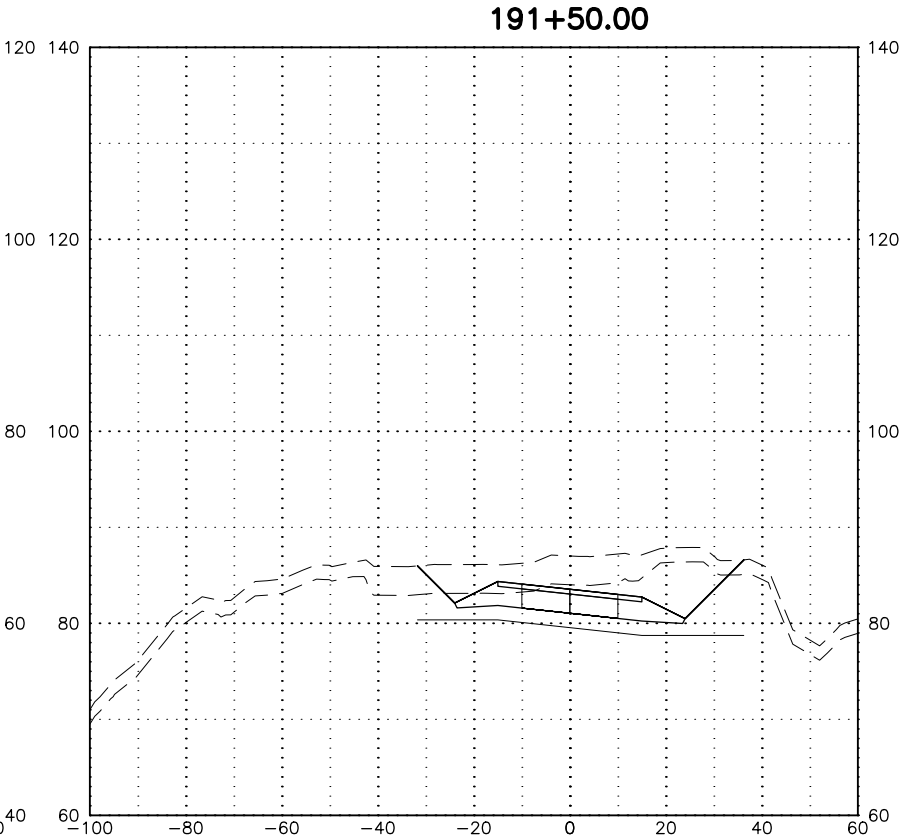
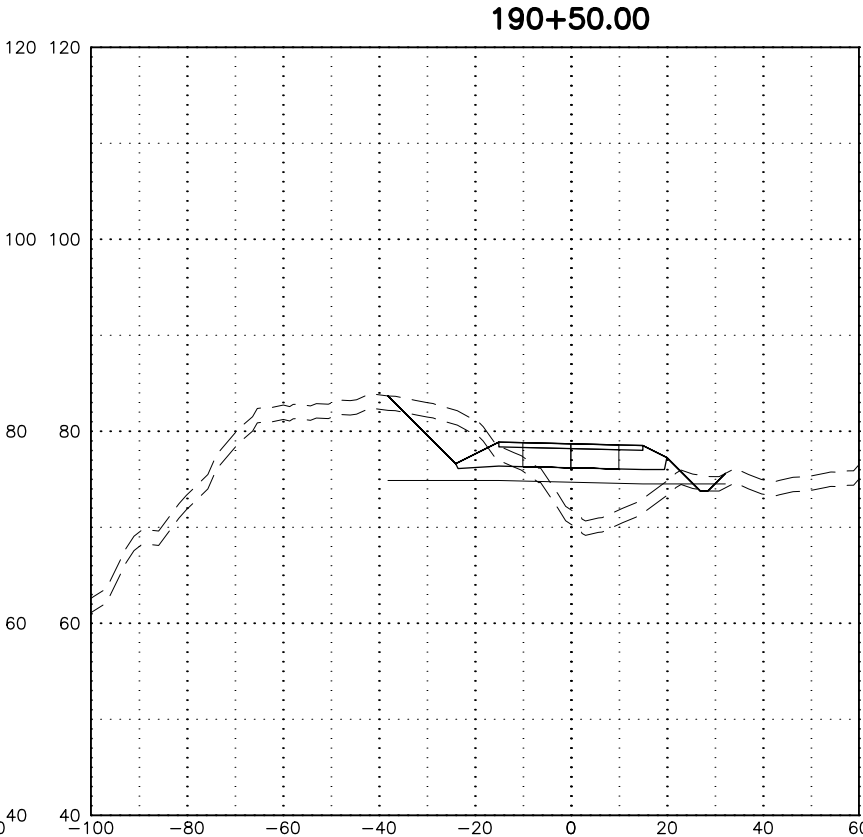
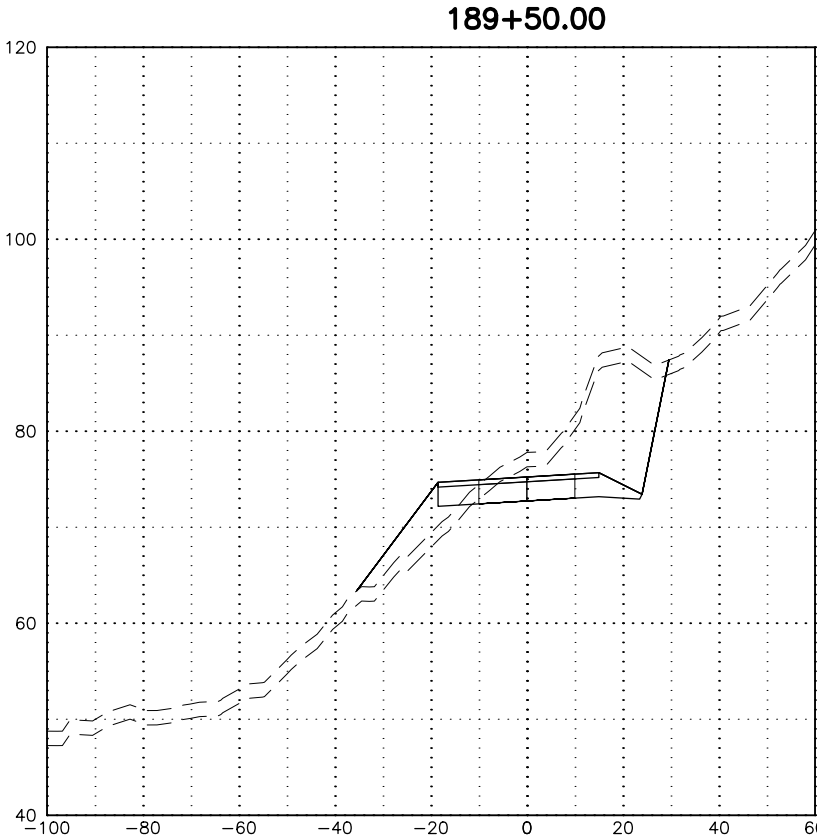
SHEET NO.	TOTAL SHEETS
X33	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



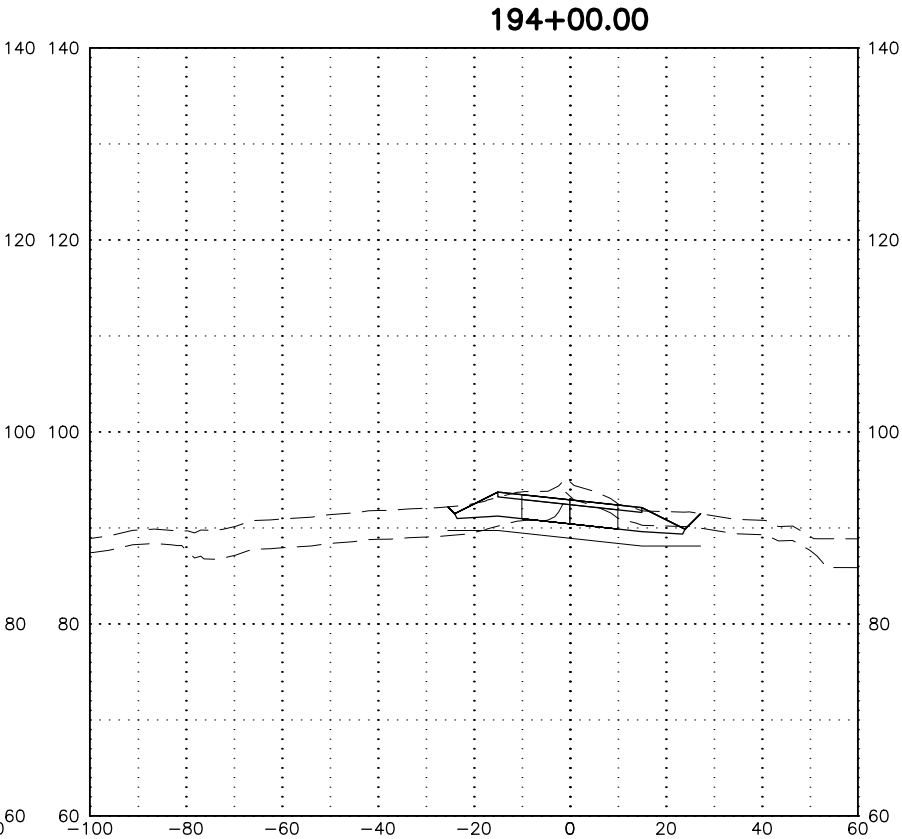
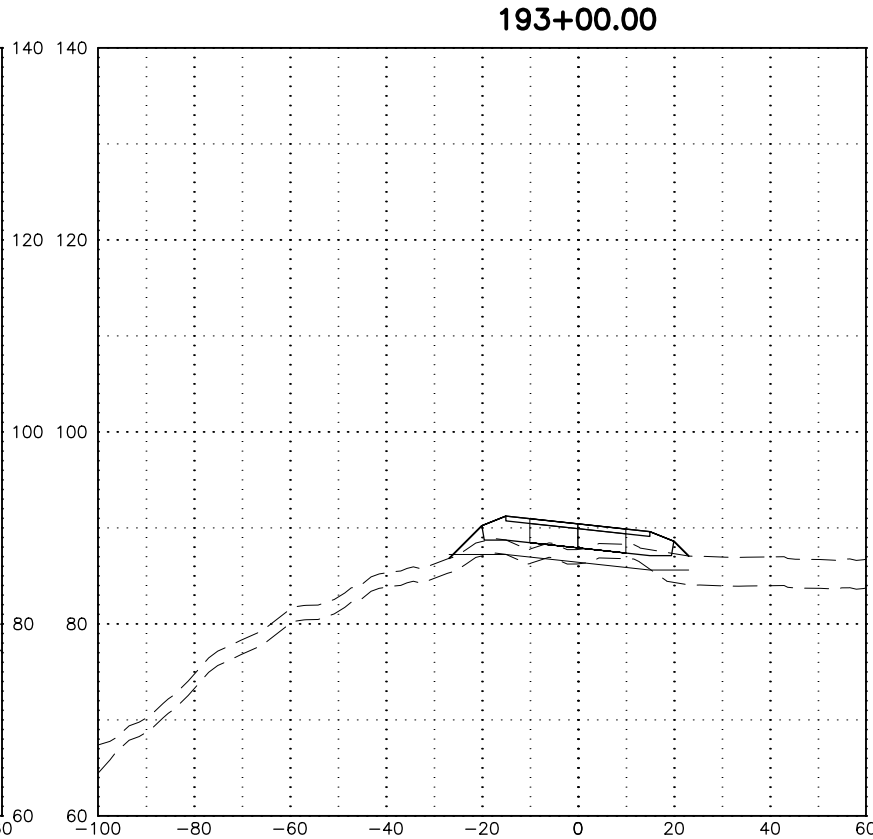
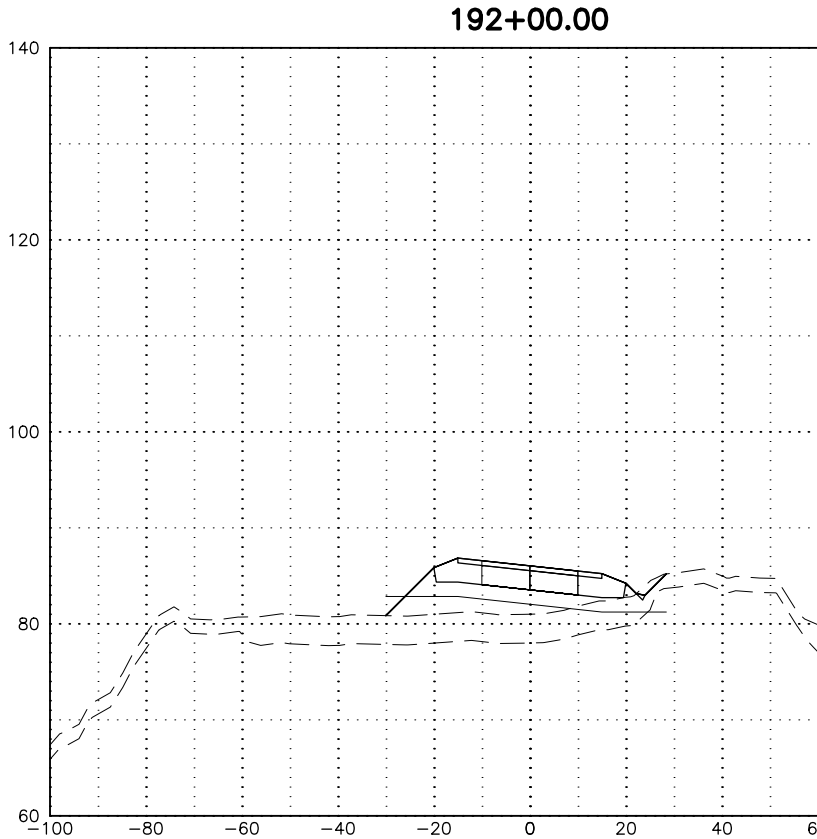
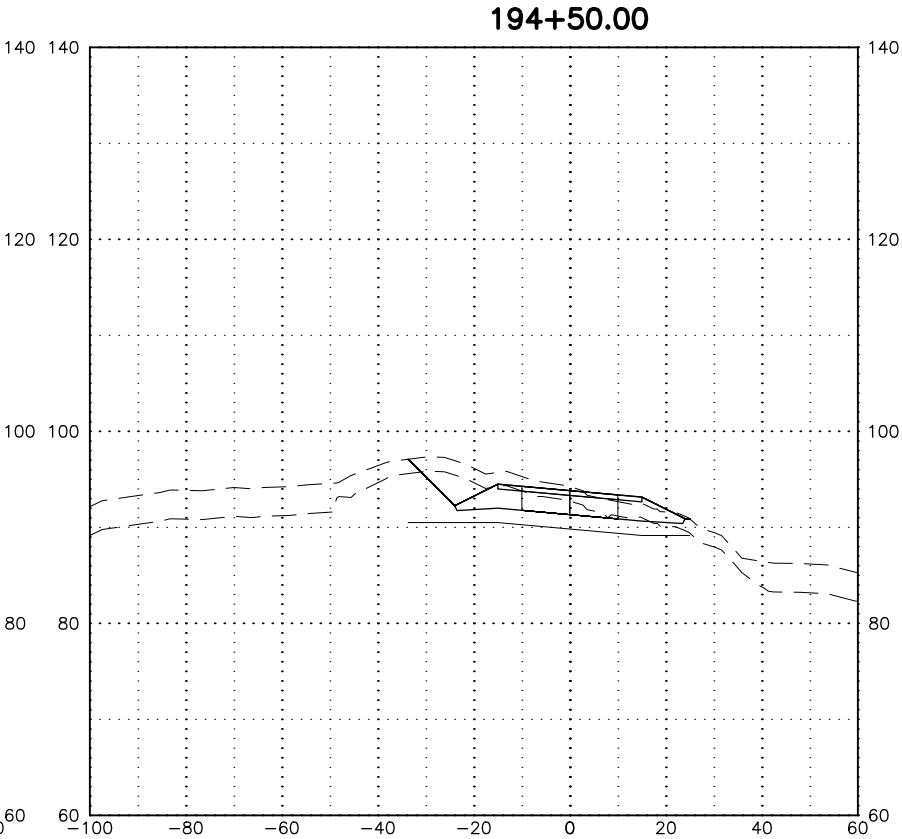
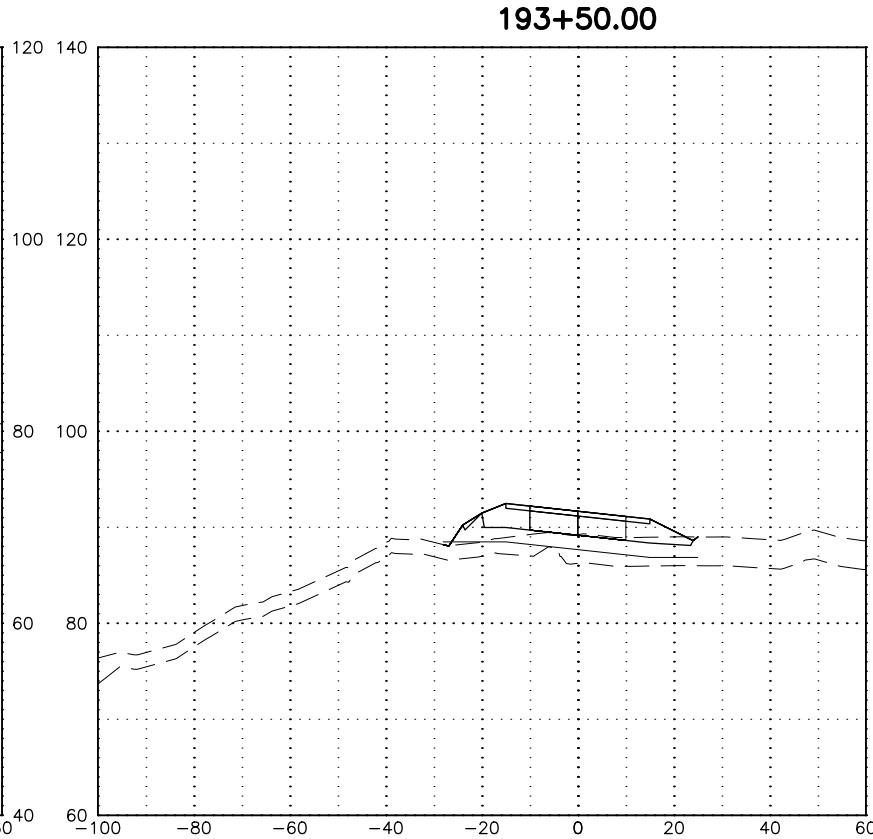
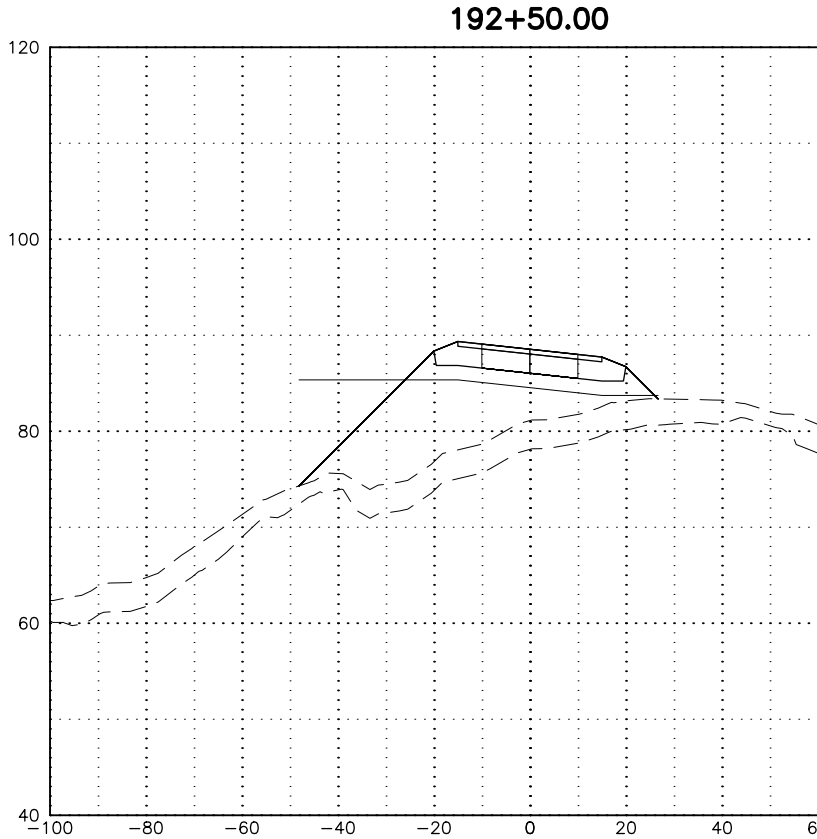
SHEET NO.	TOTAL SHEETS
X34	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



SHEET NO.	TOTAL SHEETS
X35	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



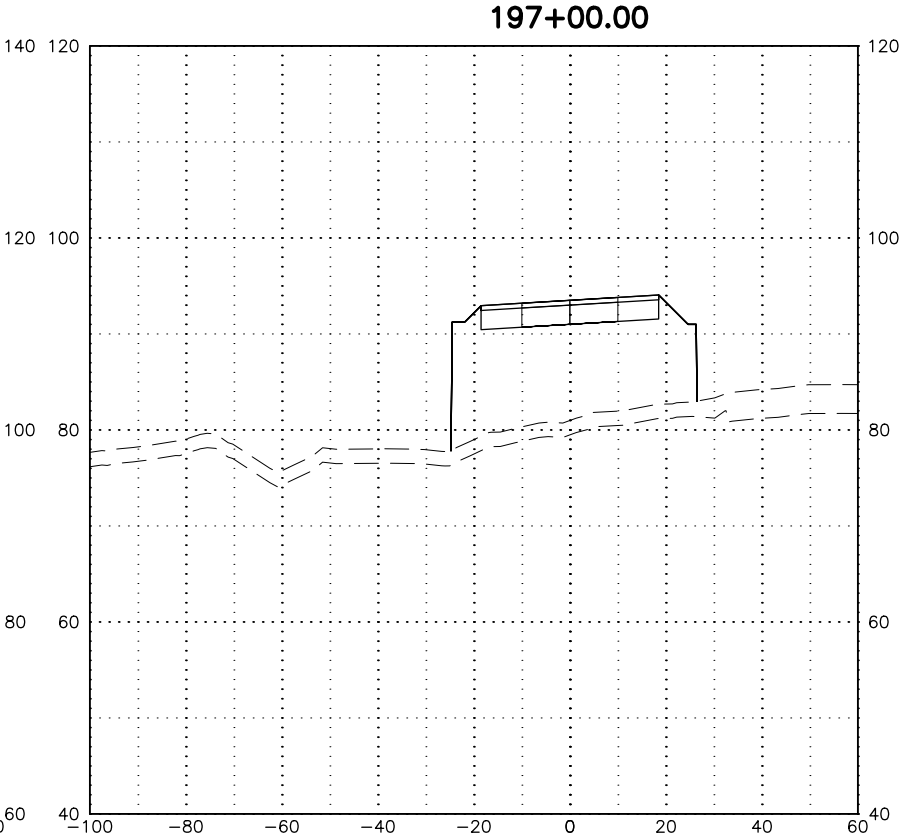
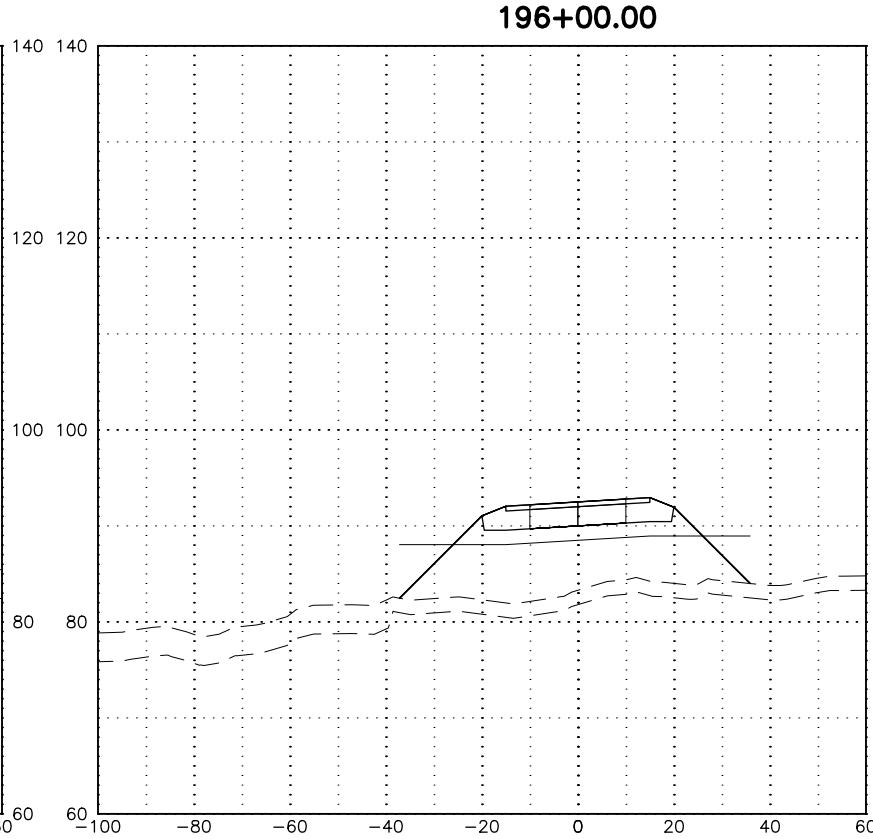
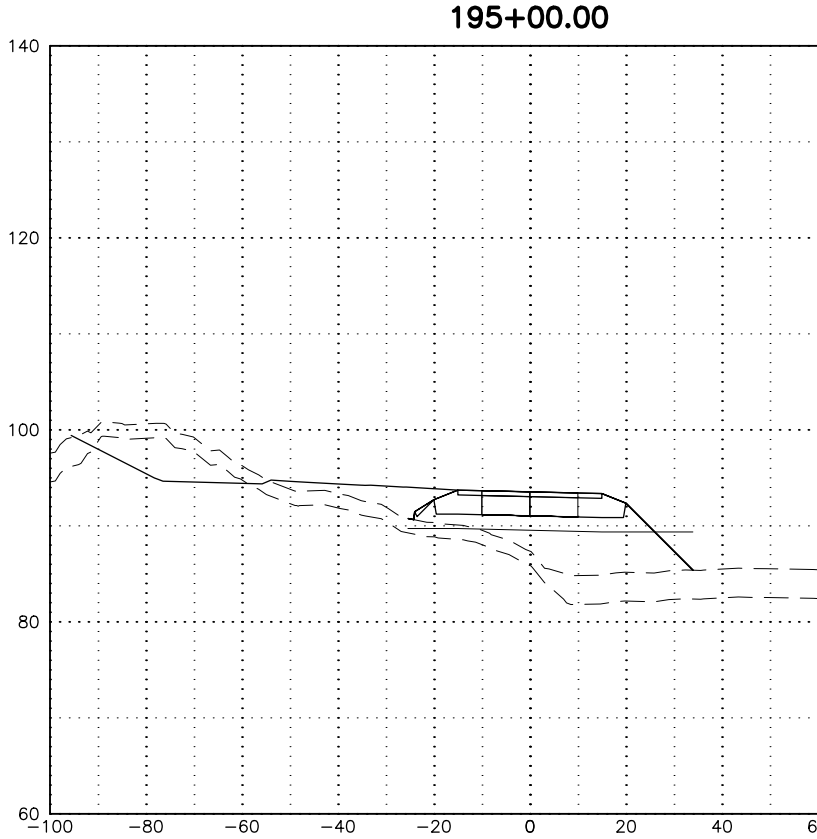
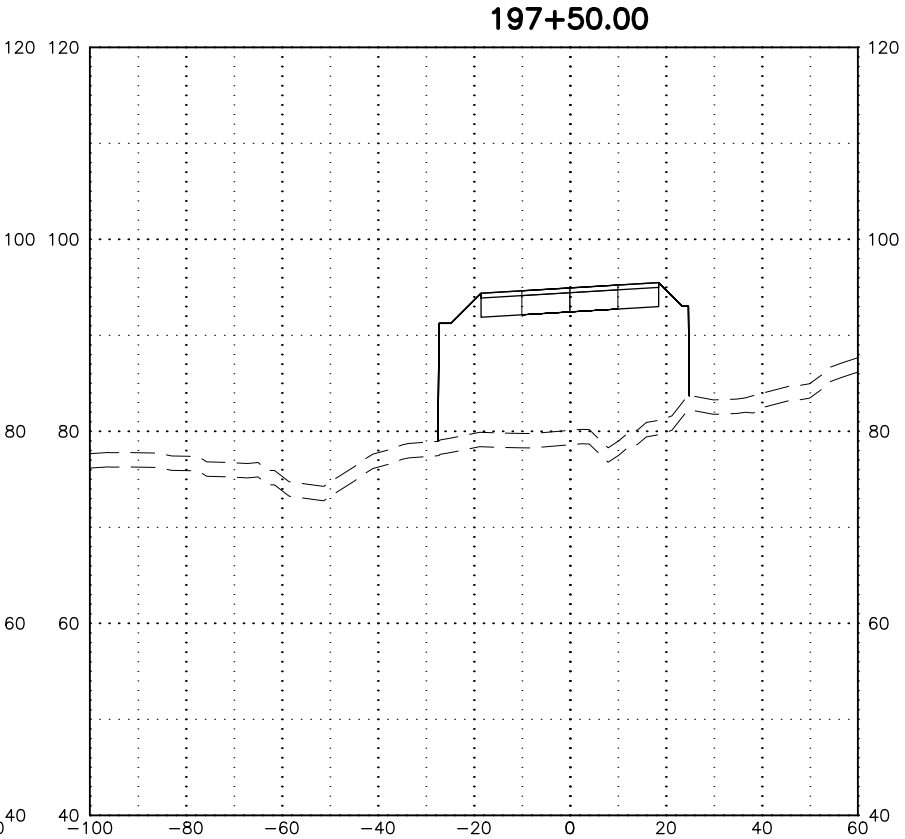
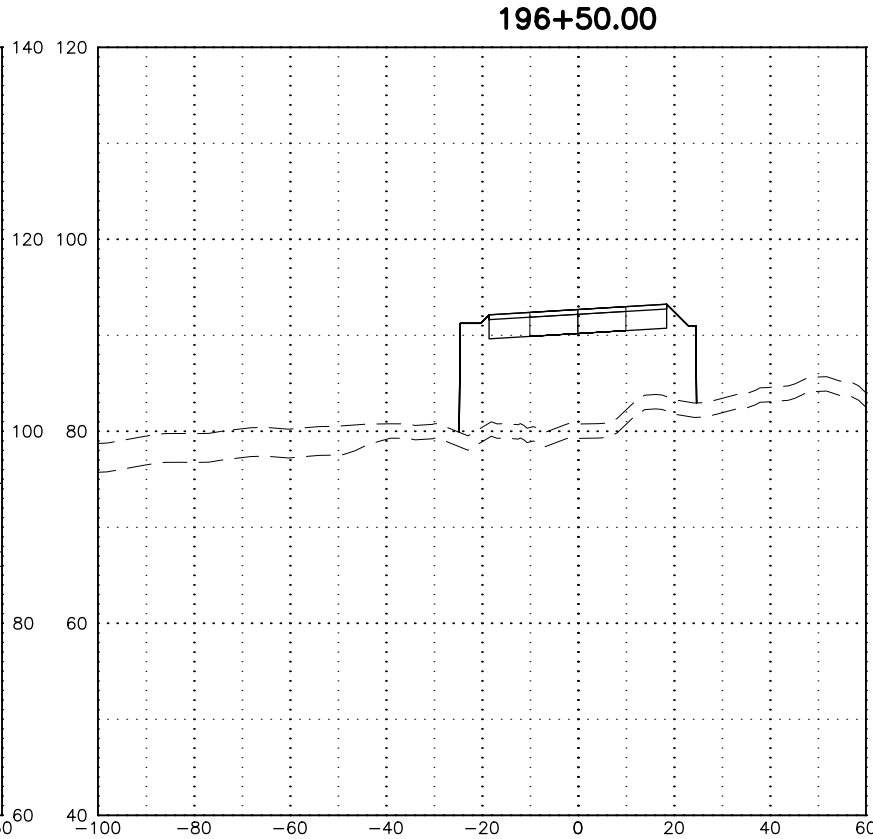
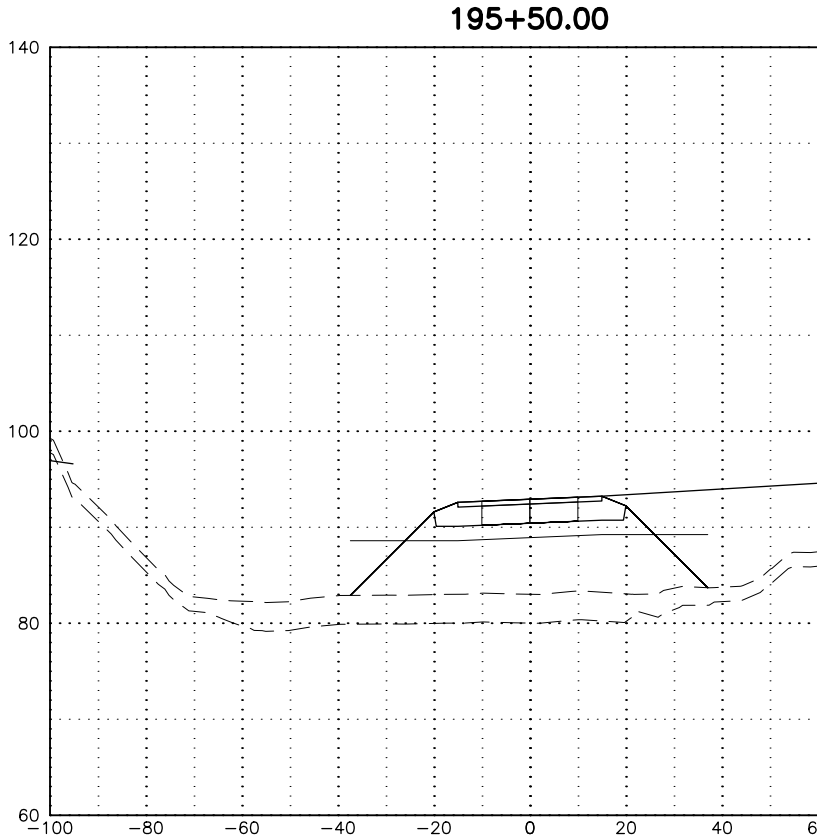
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



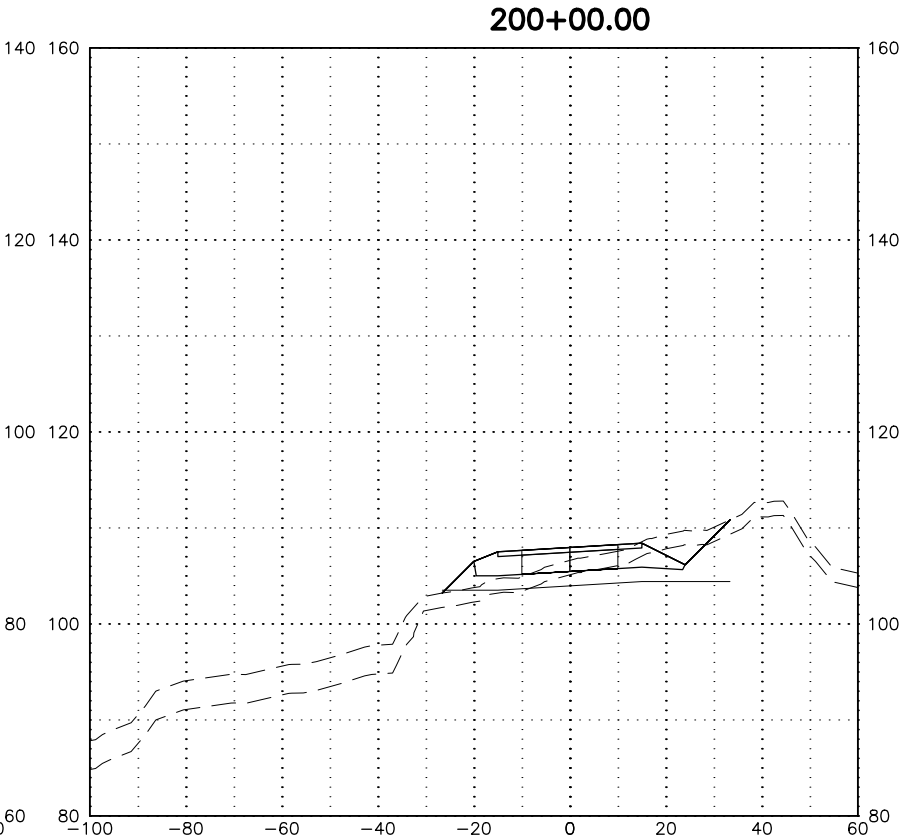
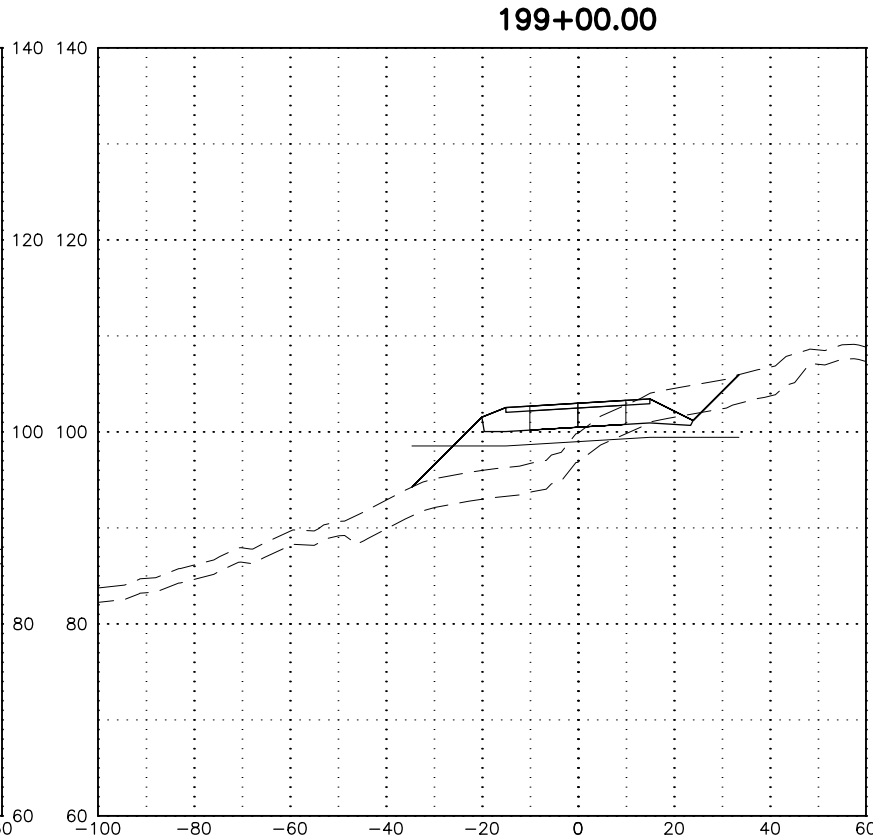
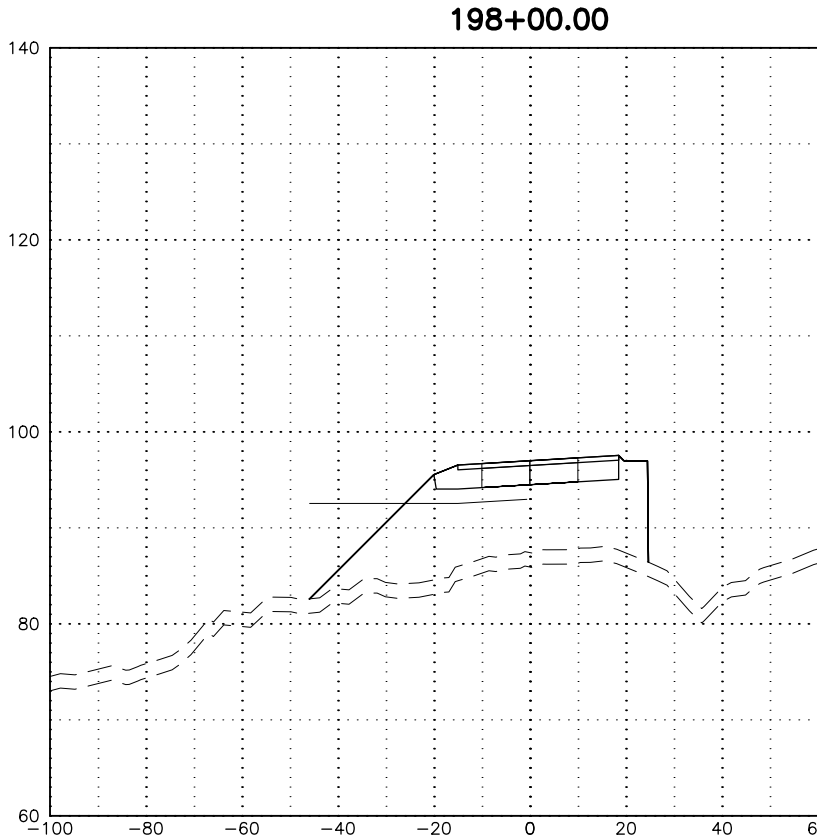
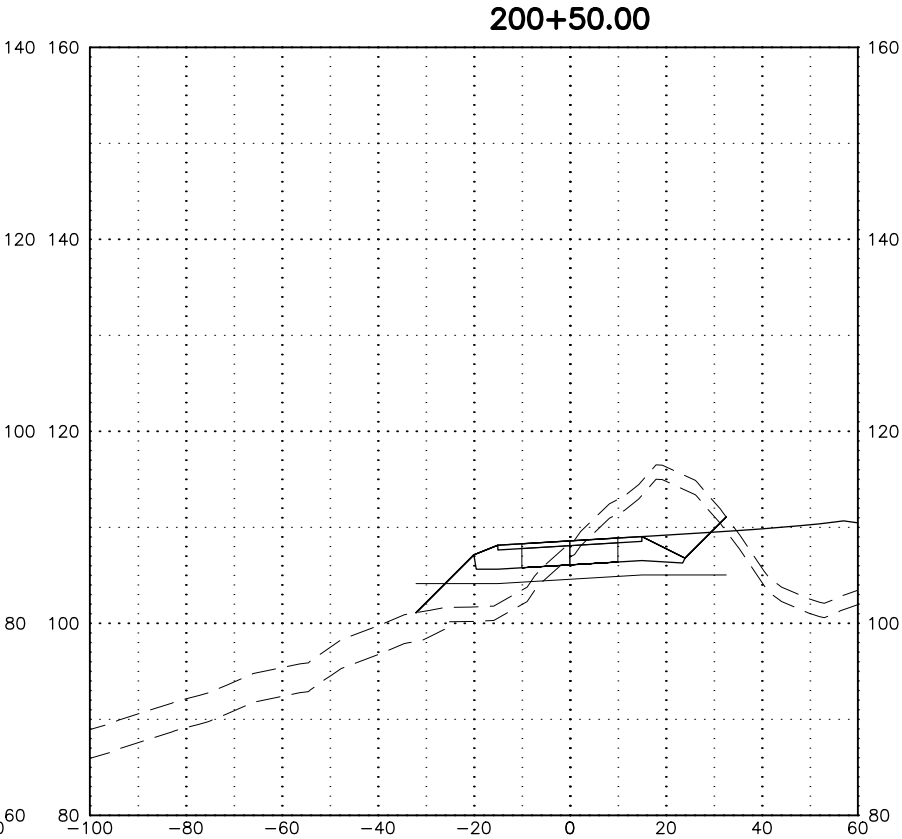
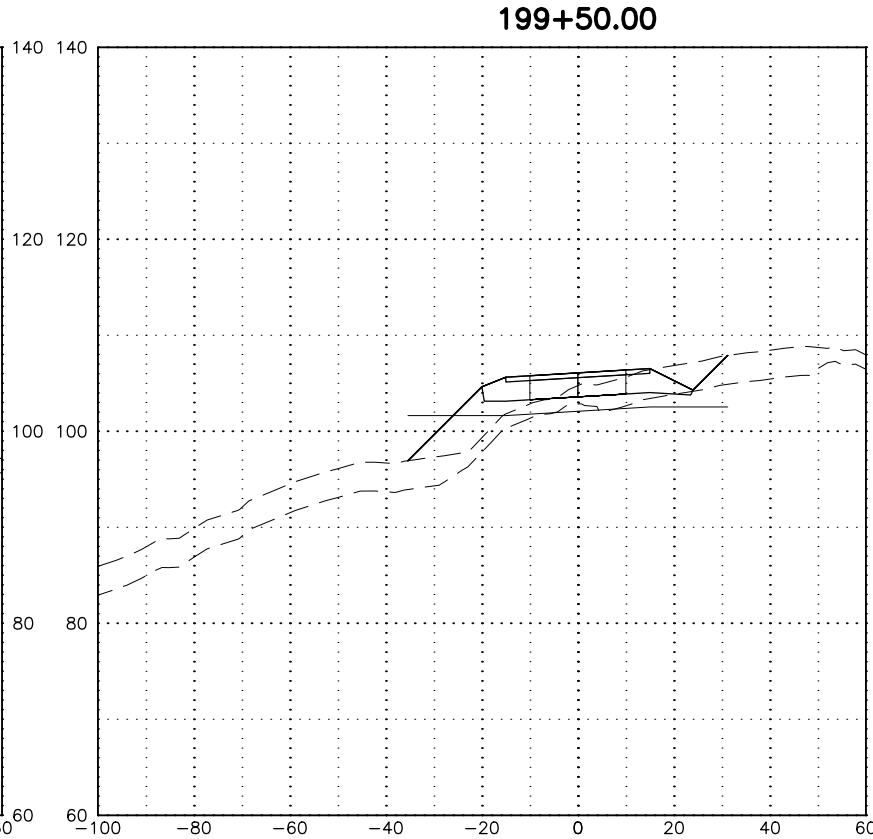
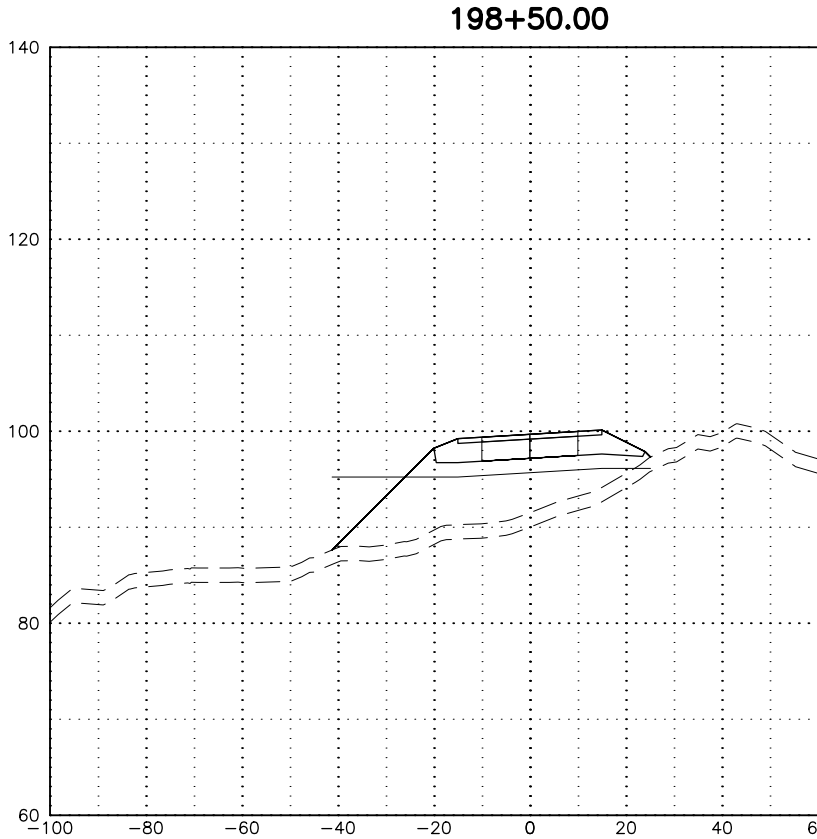
SHEET NO.	TOTAL SHEETS
X36	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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ANCHORAGE, ALASKA 99503
(907) 562-3252
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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



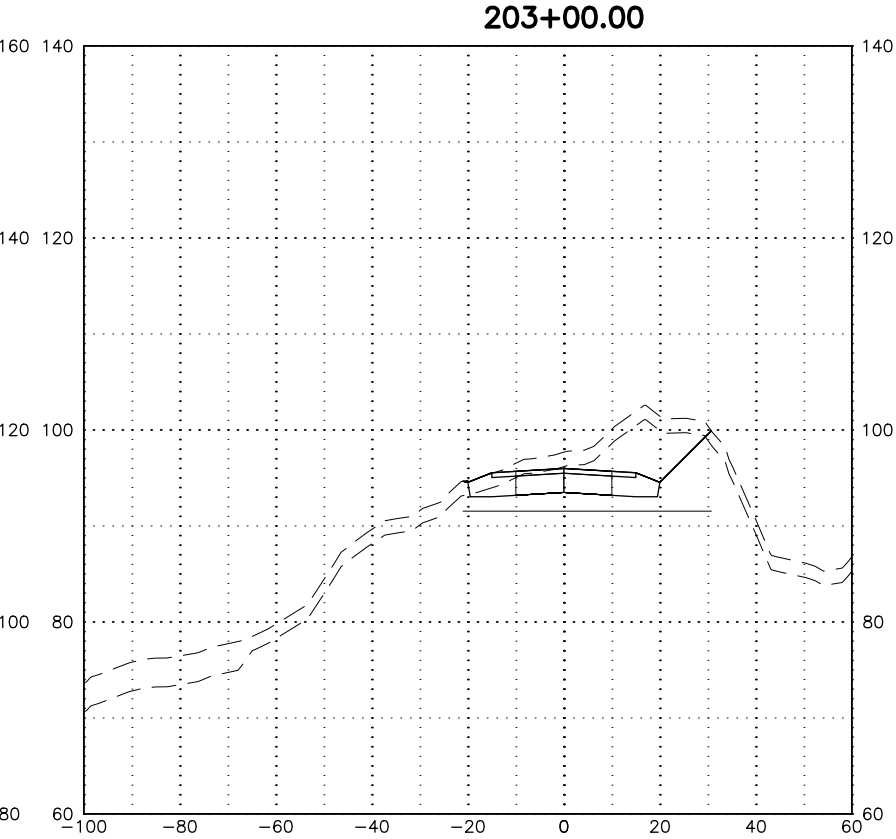
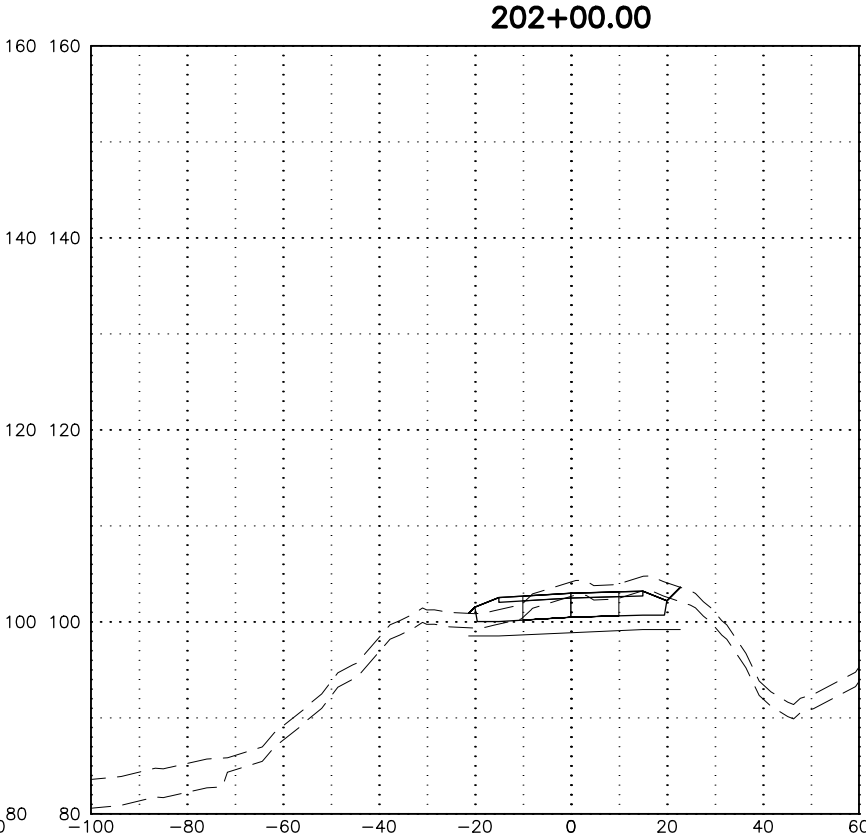
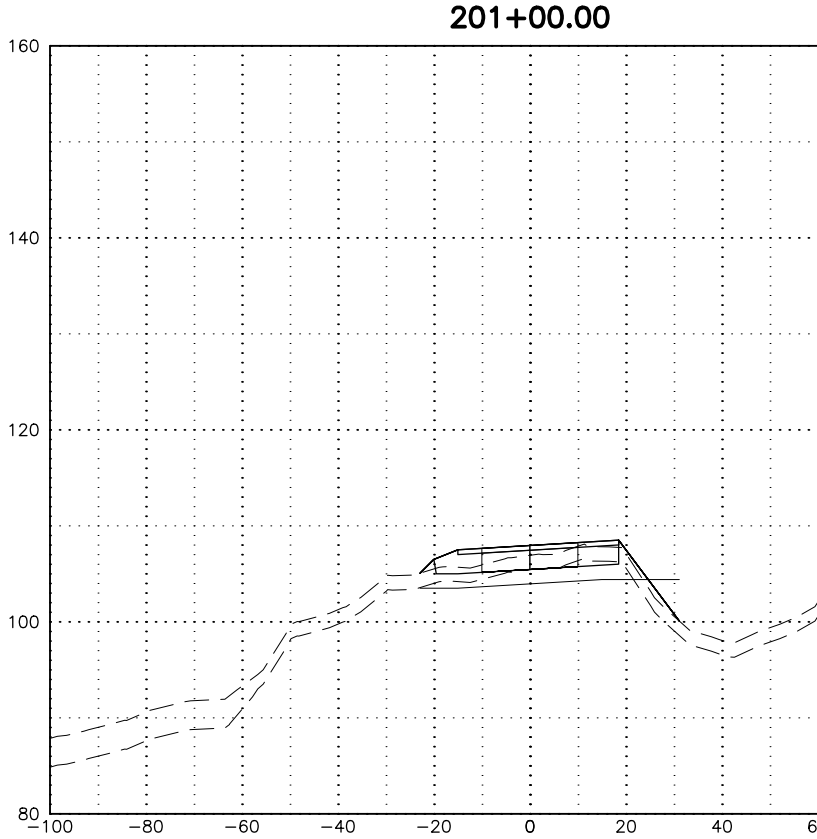
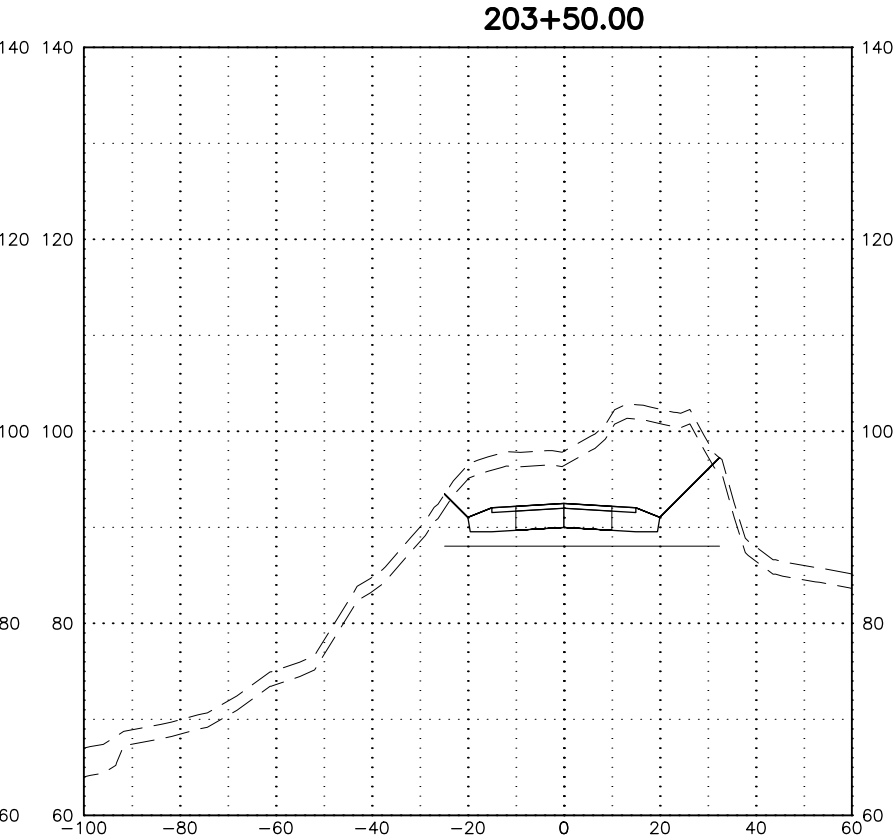
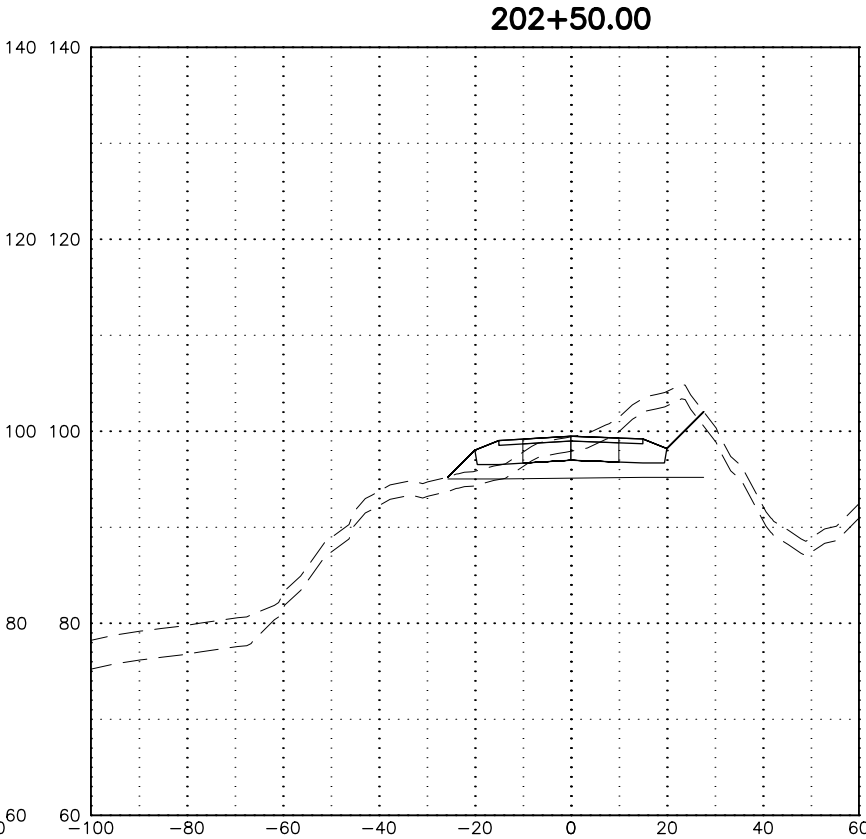
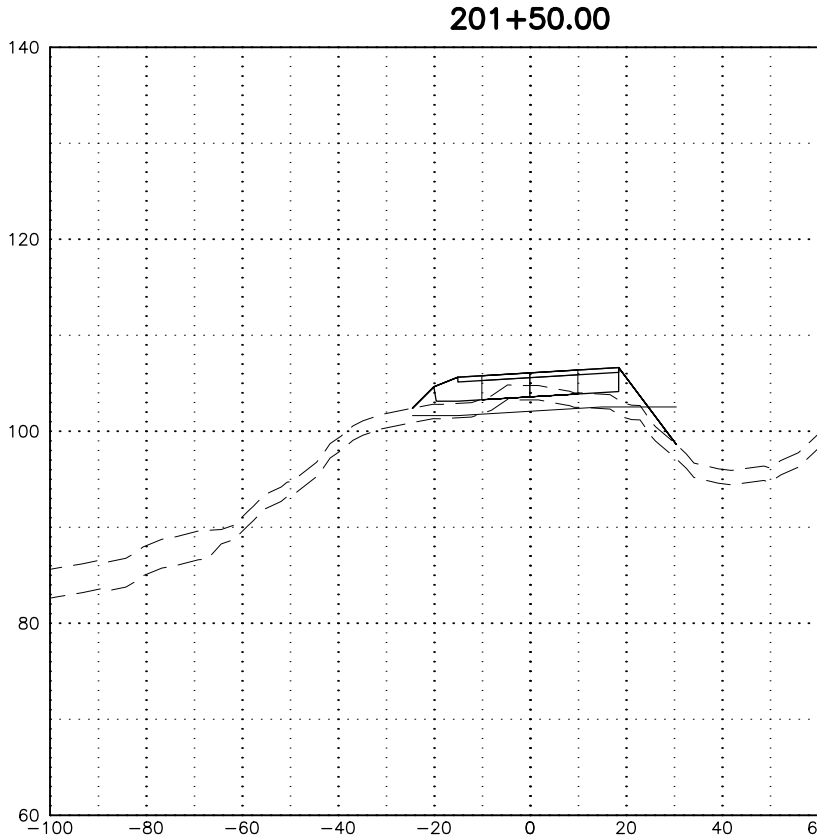
SHEET NO.	TOTAL SHEETS
X37	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



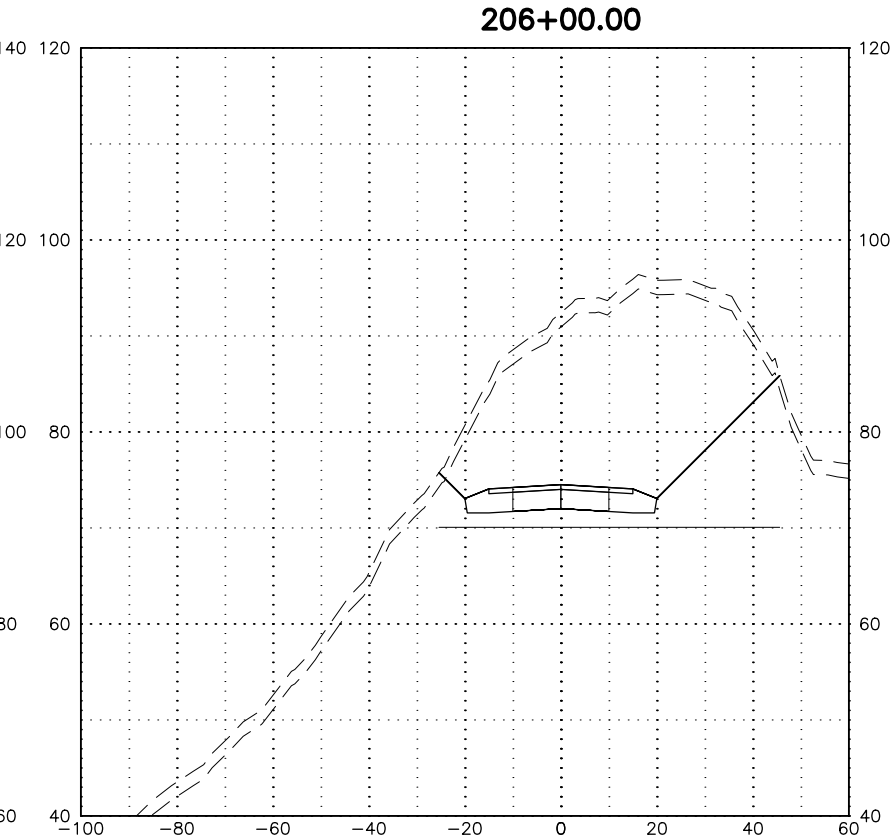
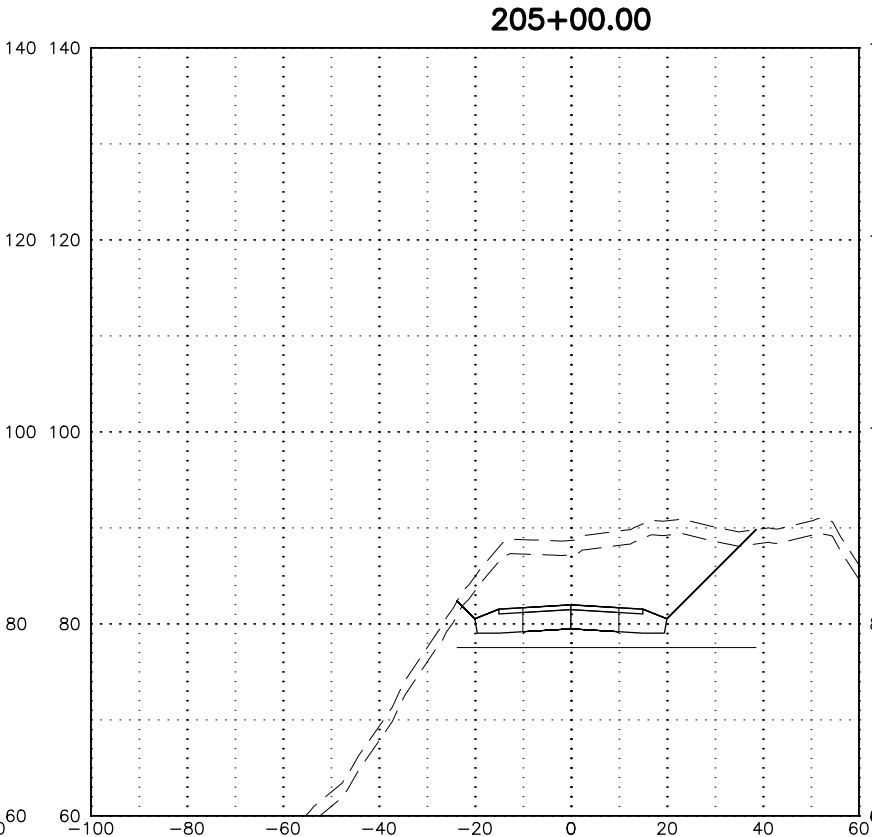
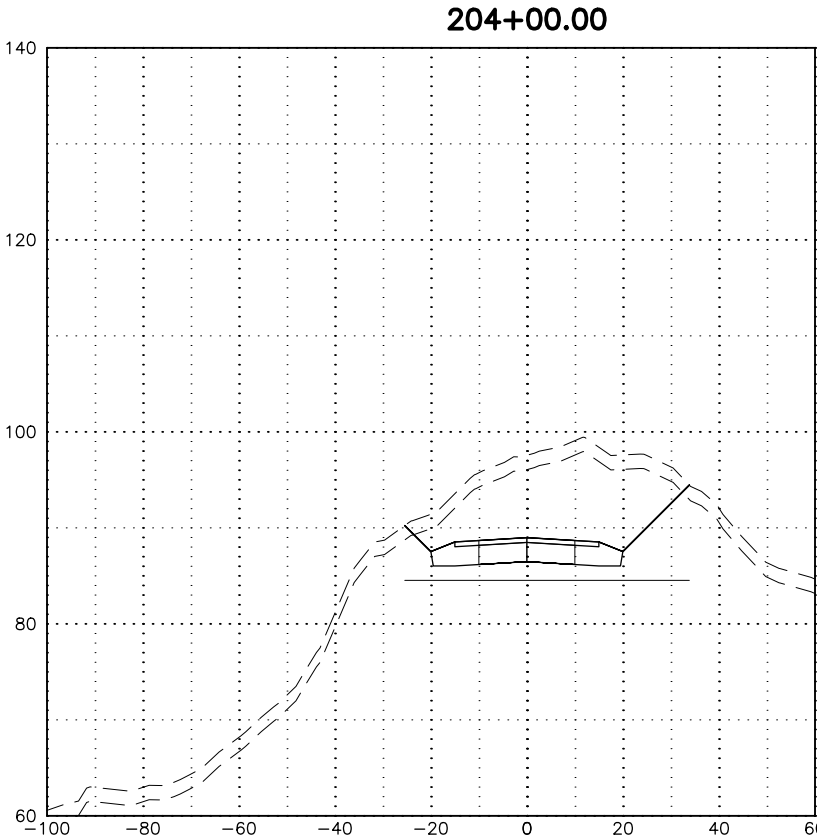
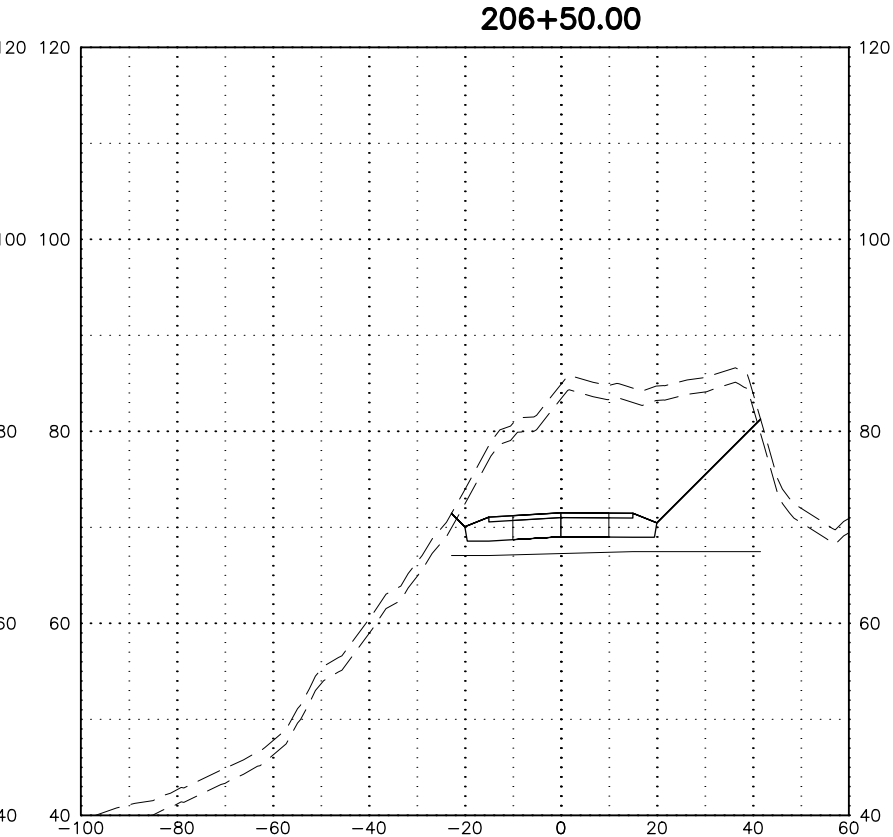
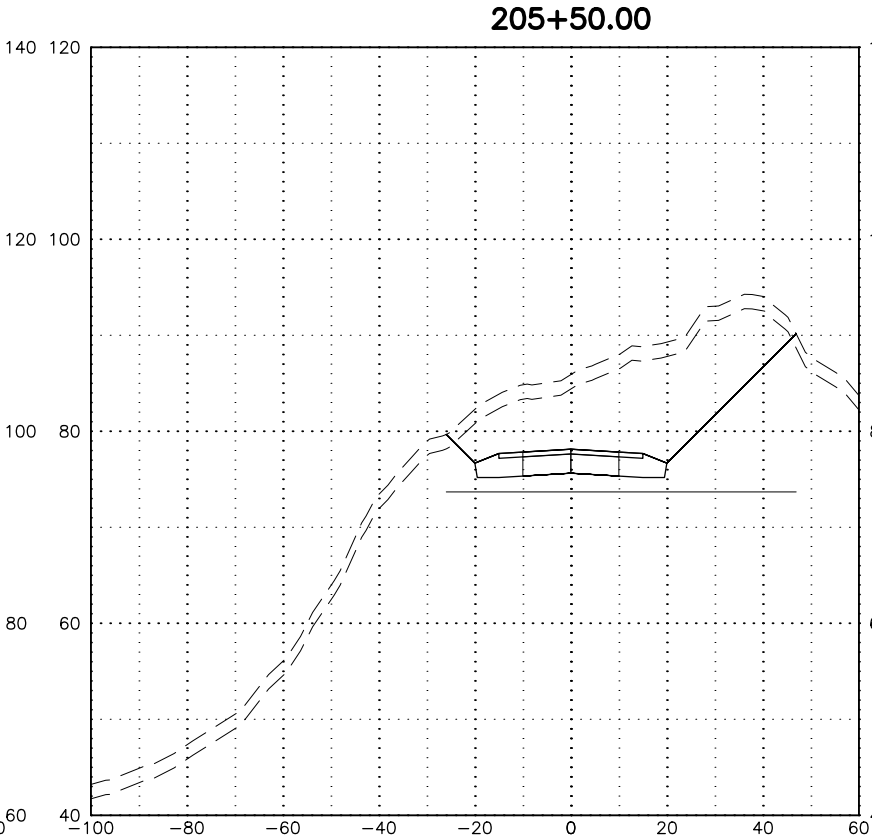
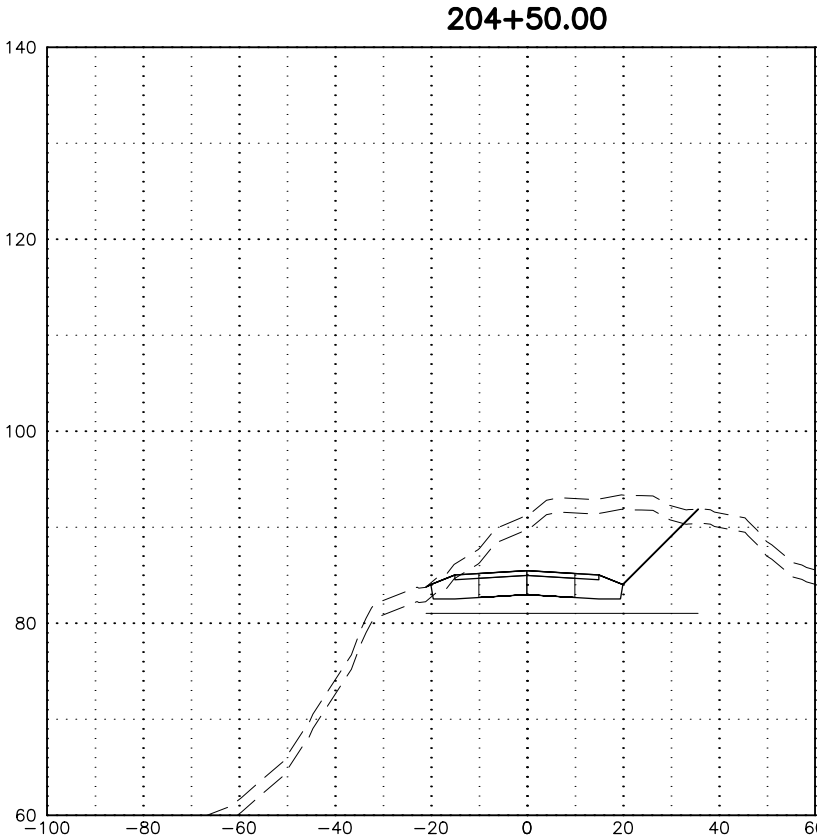
SHEET NO.	TOTAL SHEETS
X38	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



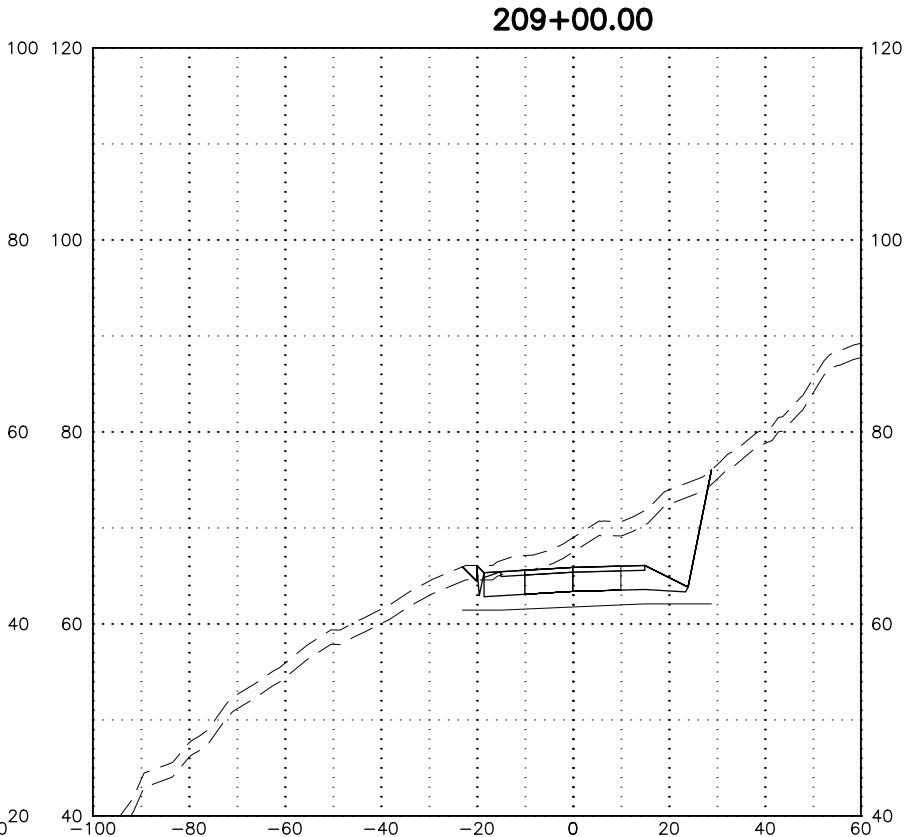
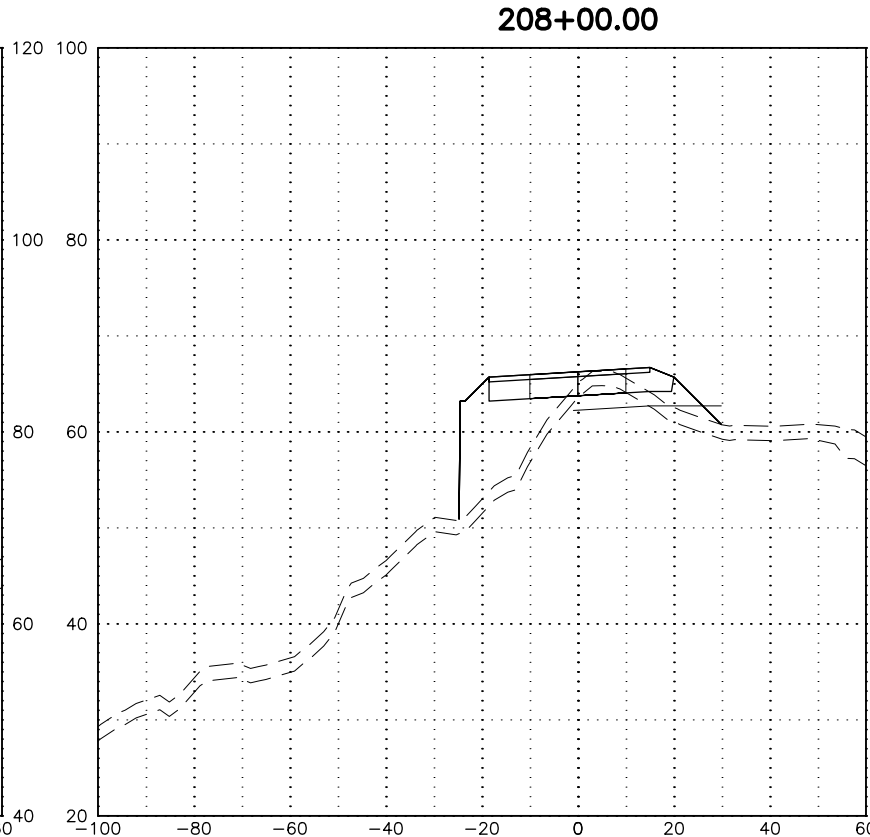
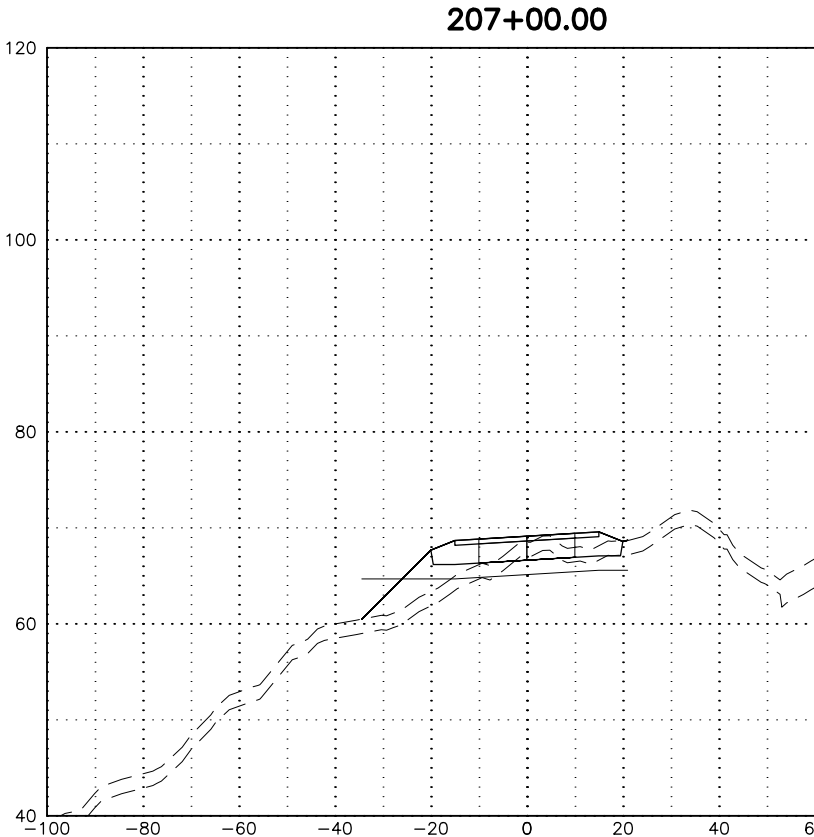
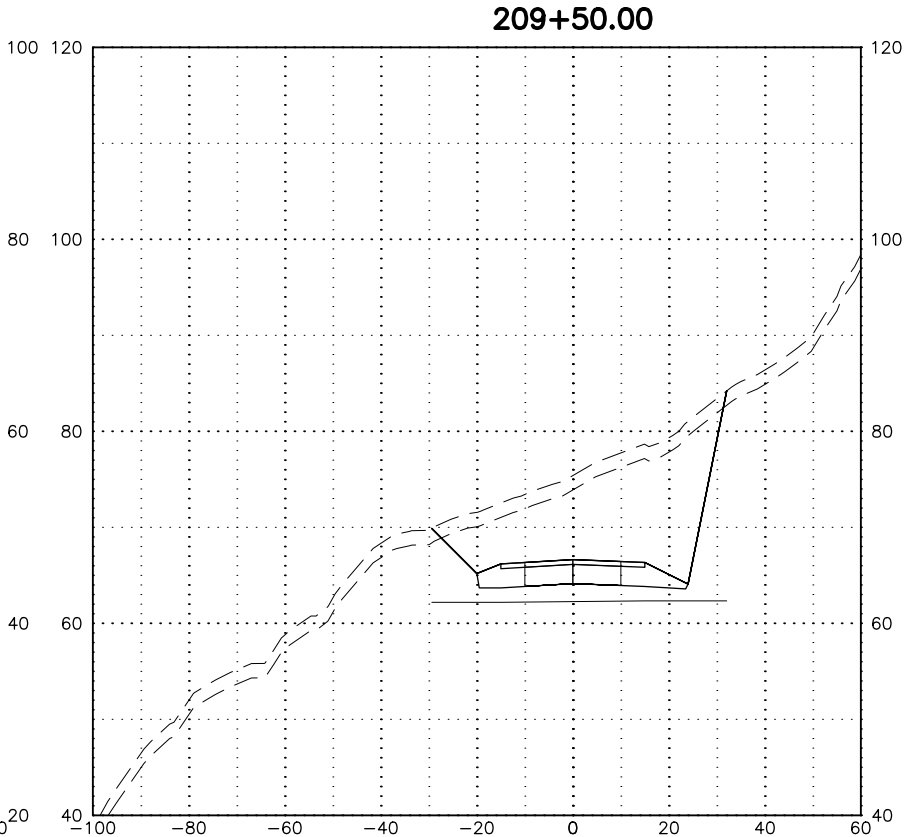
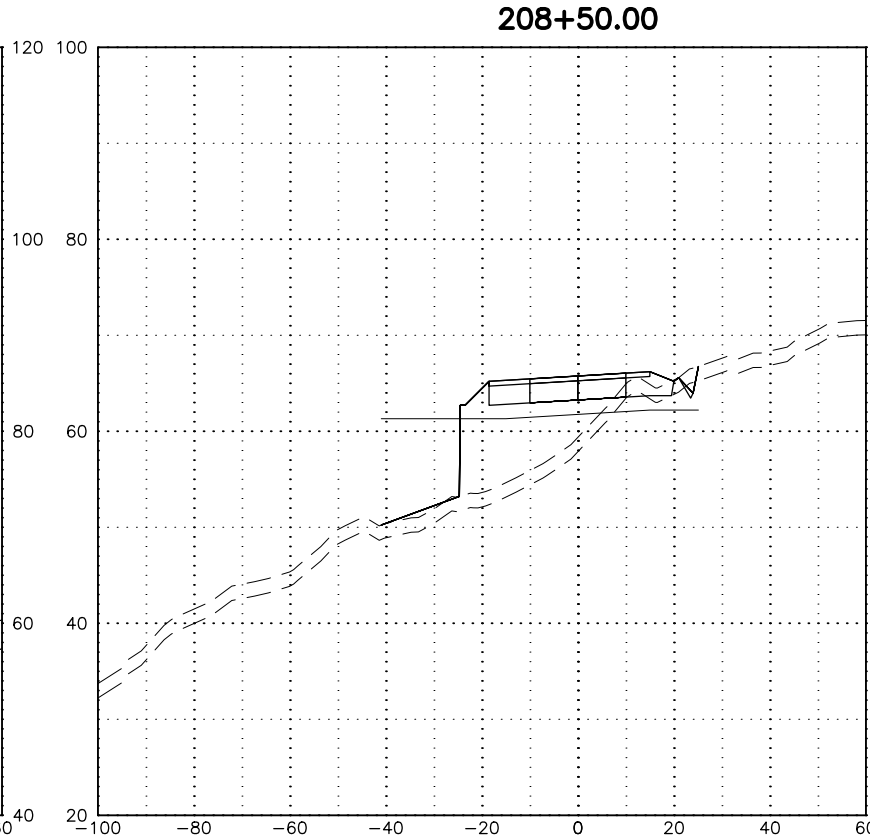
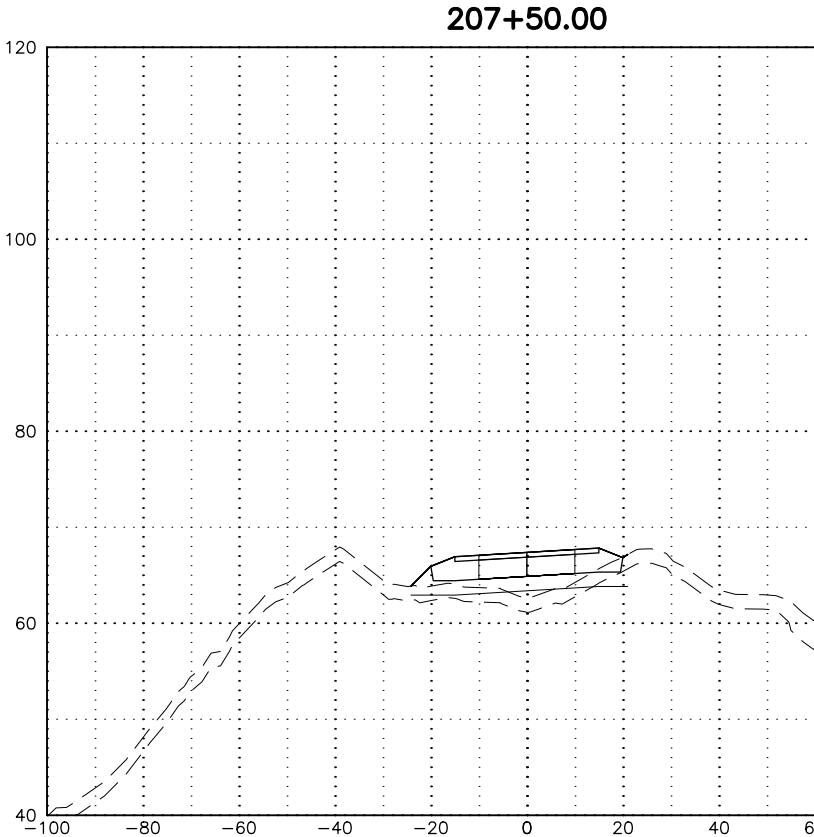
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X39	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



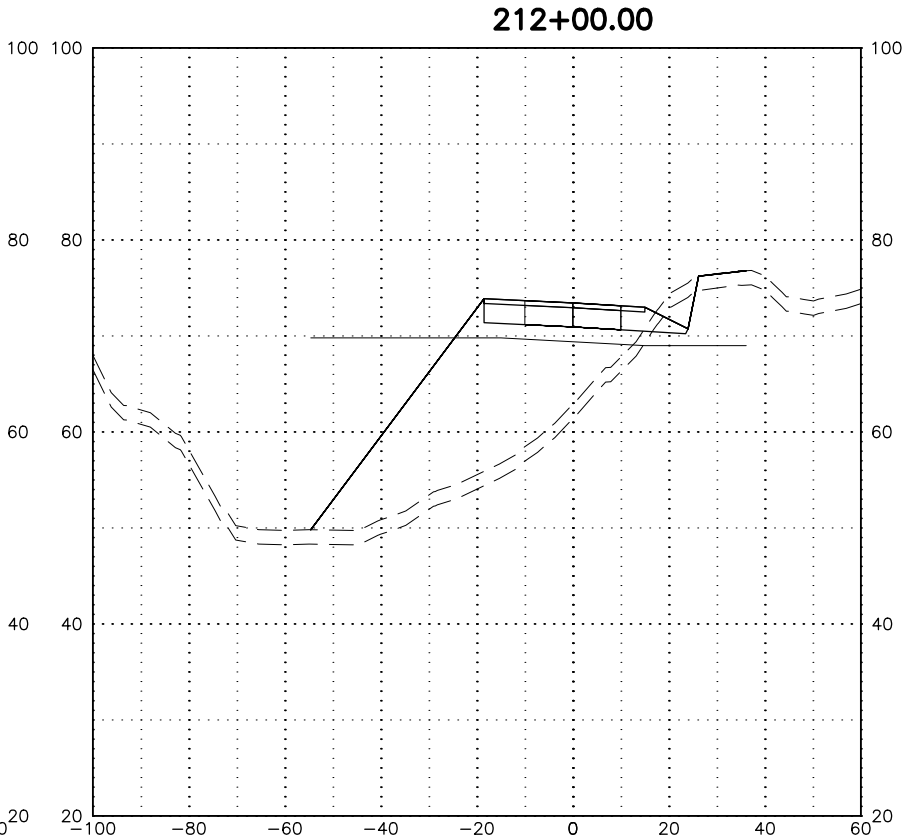
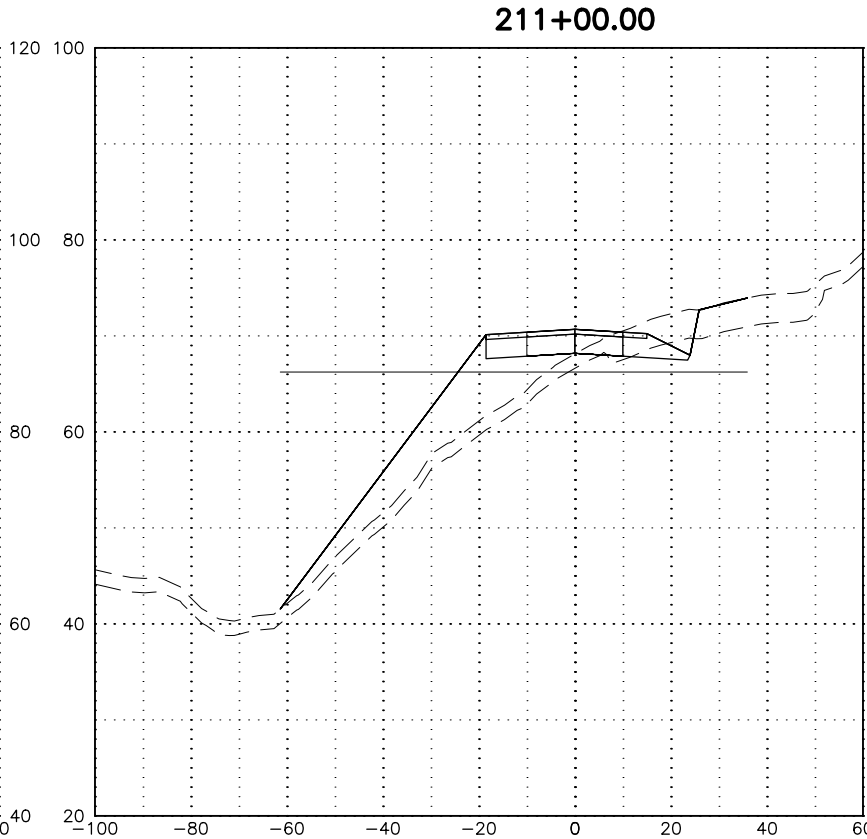
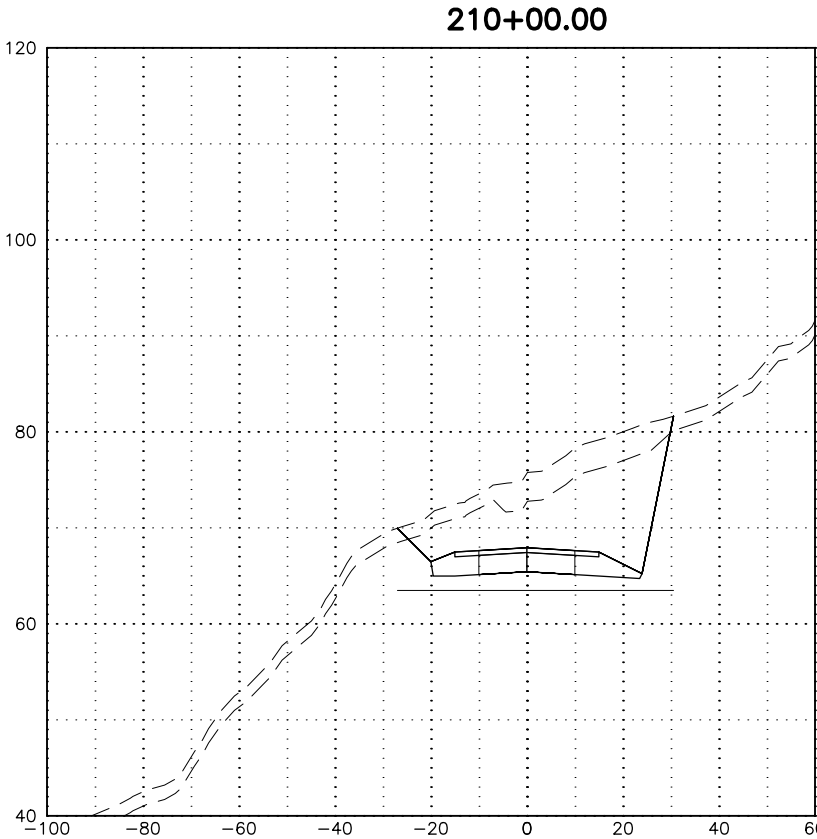
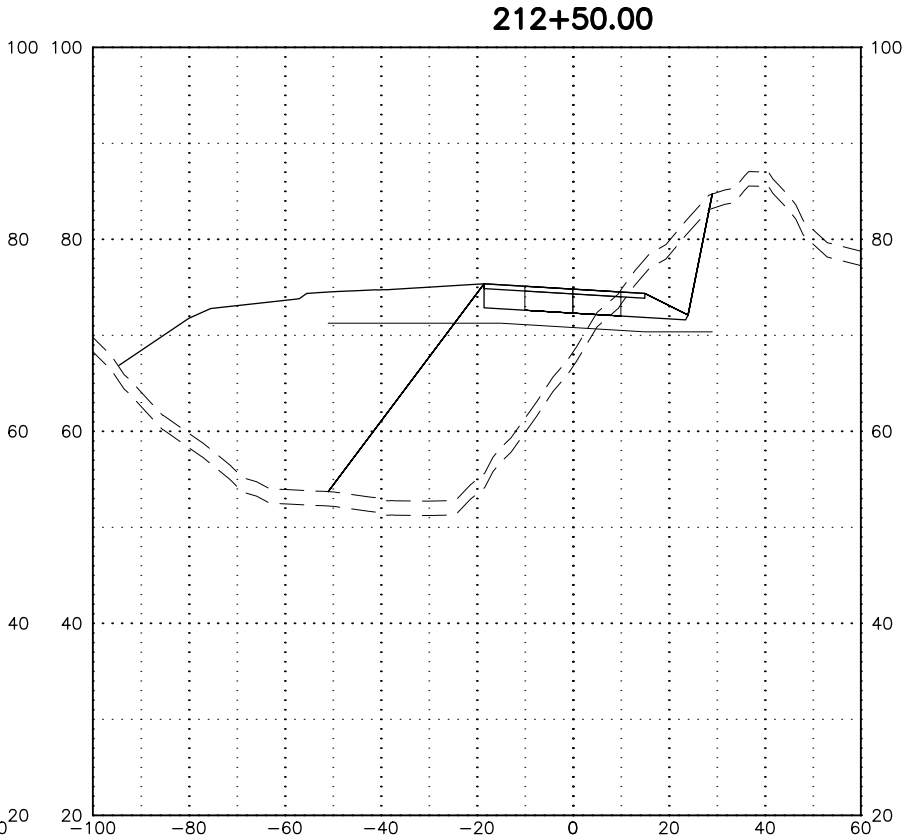
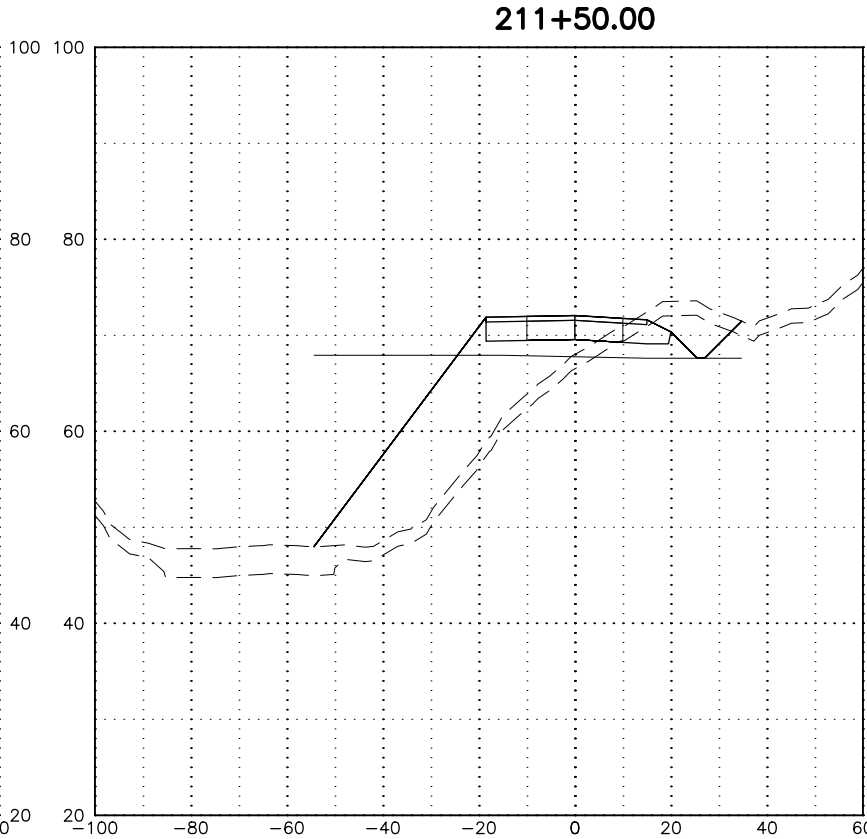
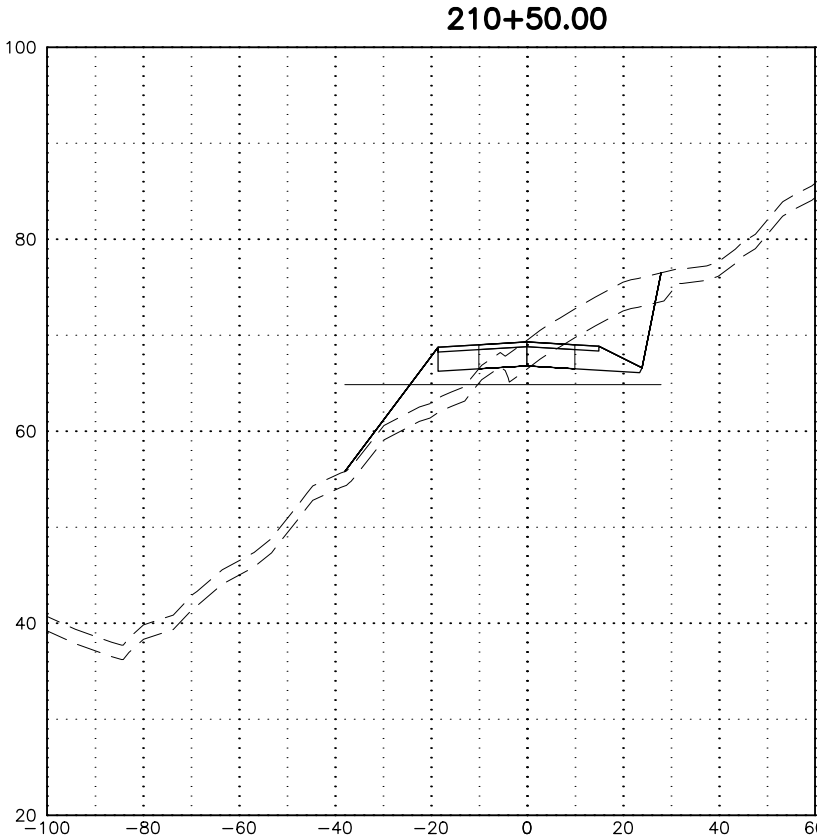
SHEET NO.	TOTAL SHEETS
X40	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



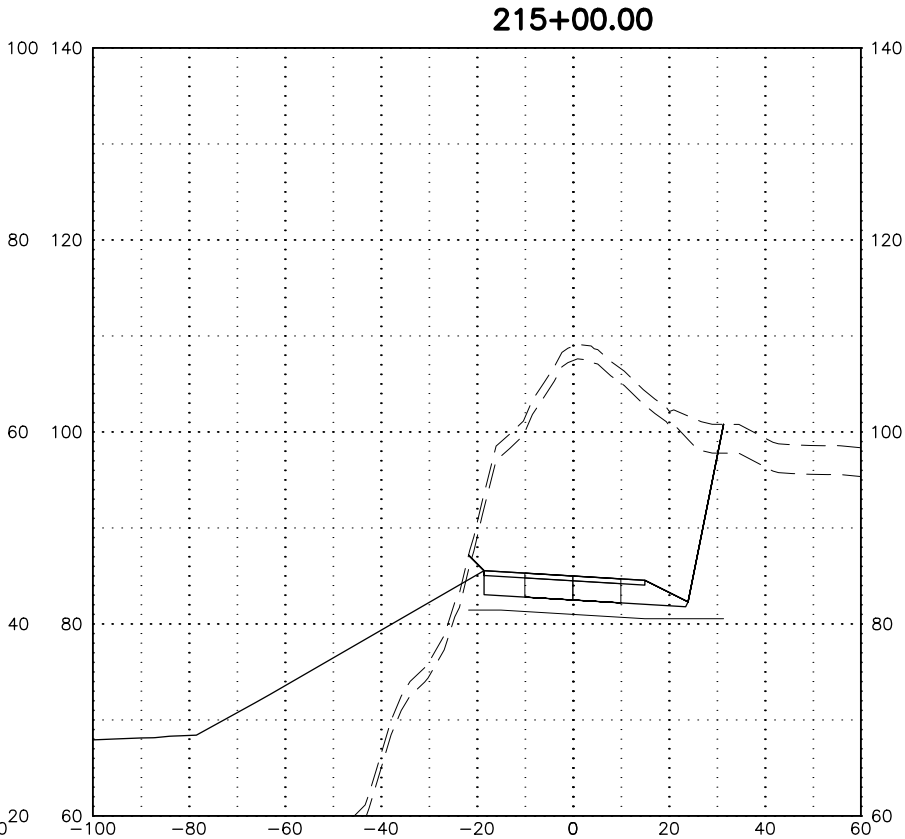
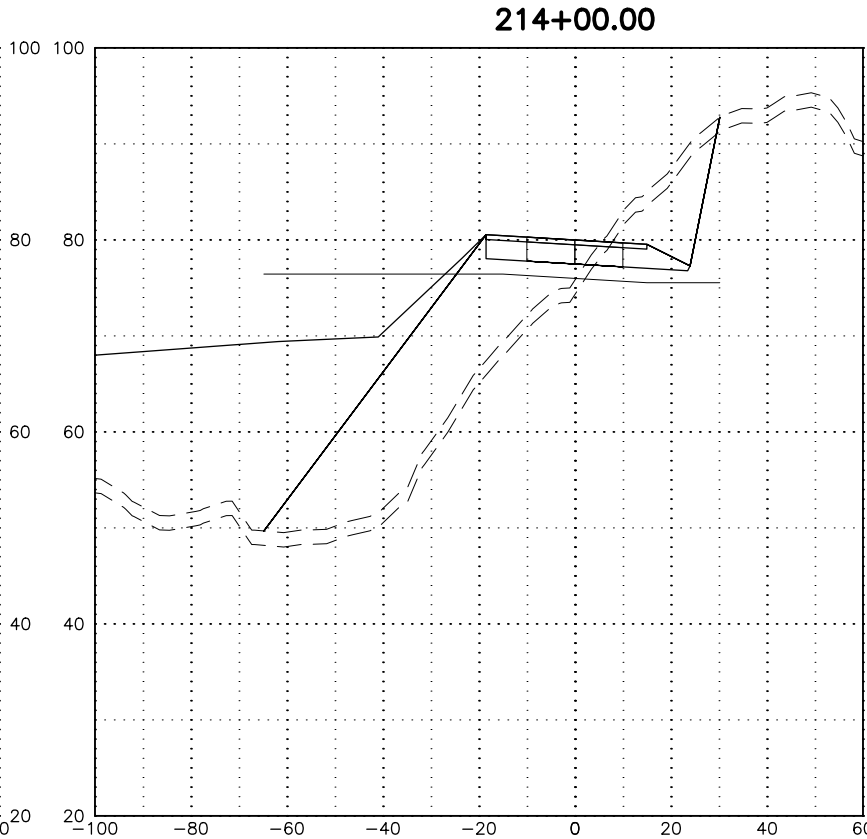
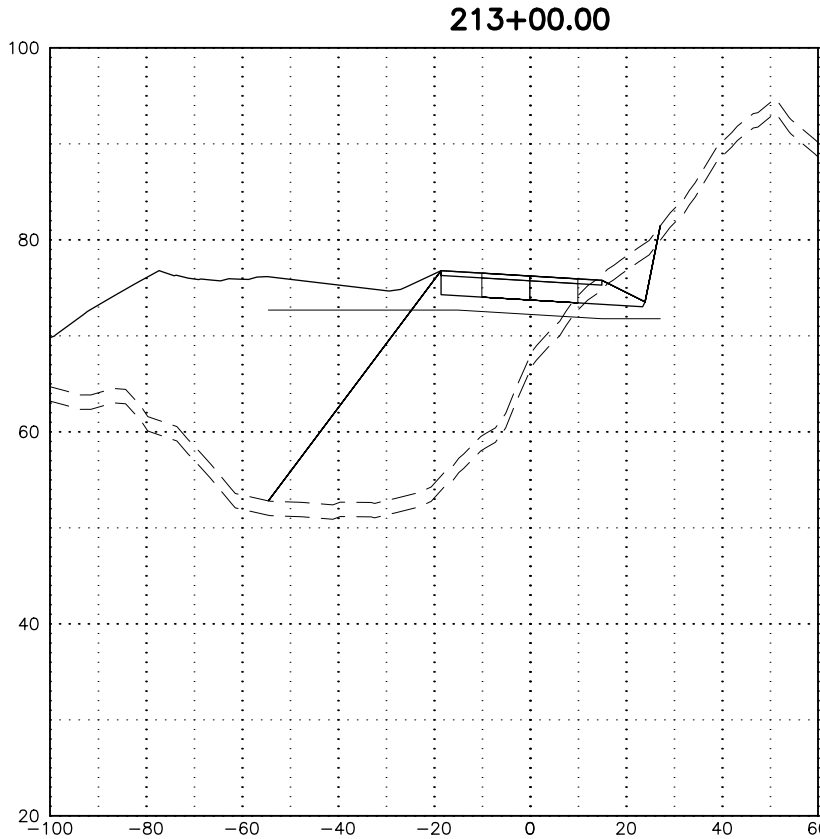
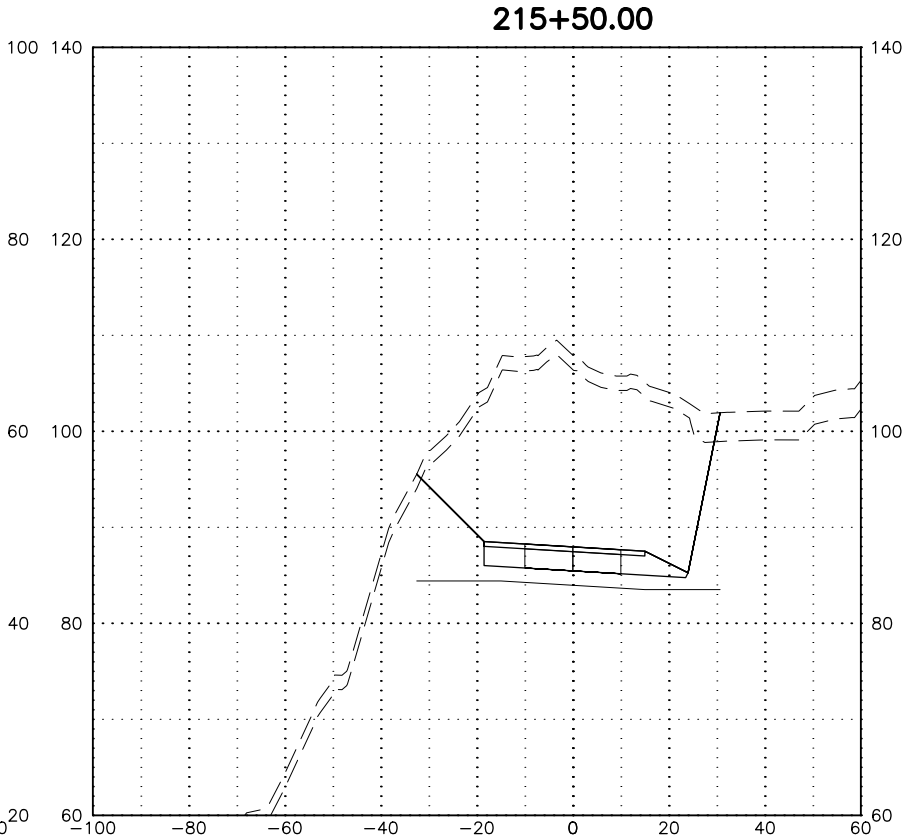
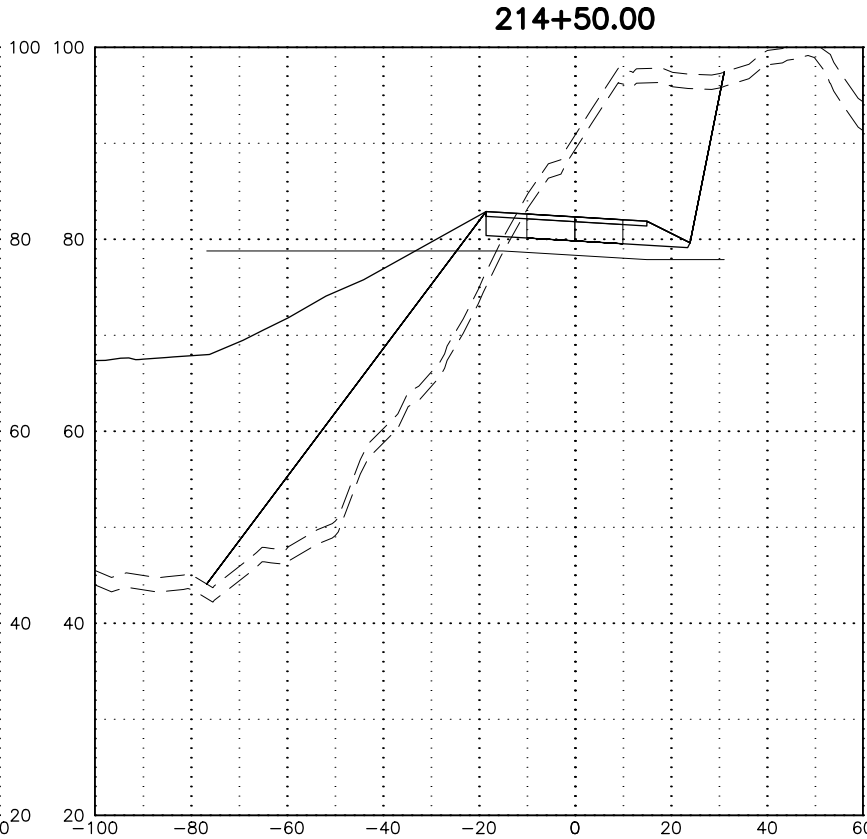
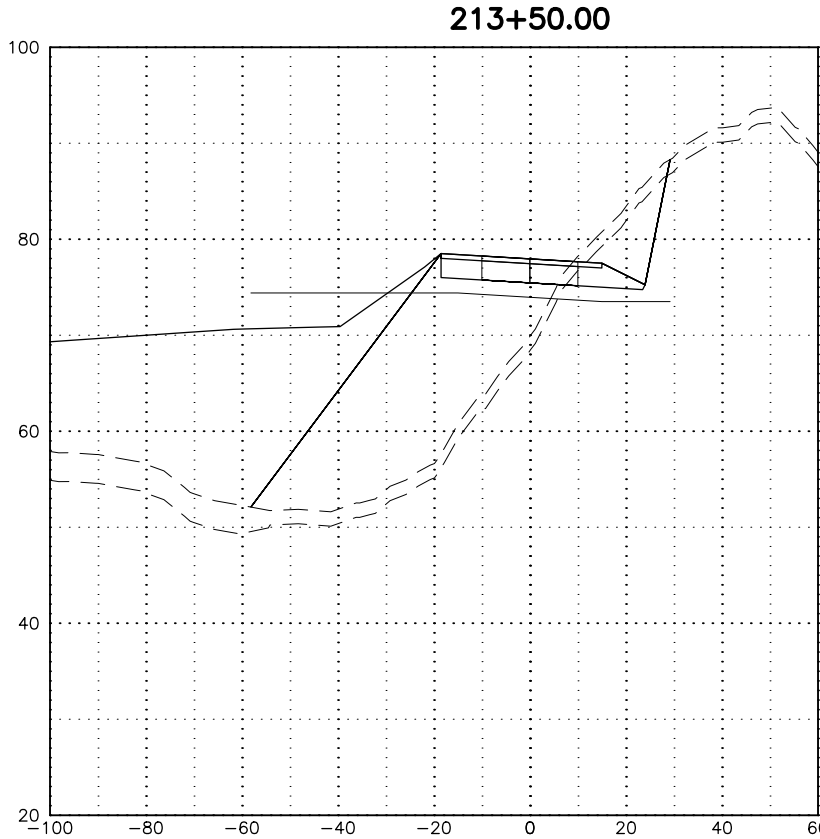
SHEET NO.	TOTAL SHEETS
X41	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



SHEET NO.	TOTAL SHEETS
X42	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



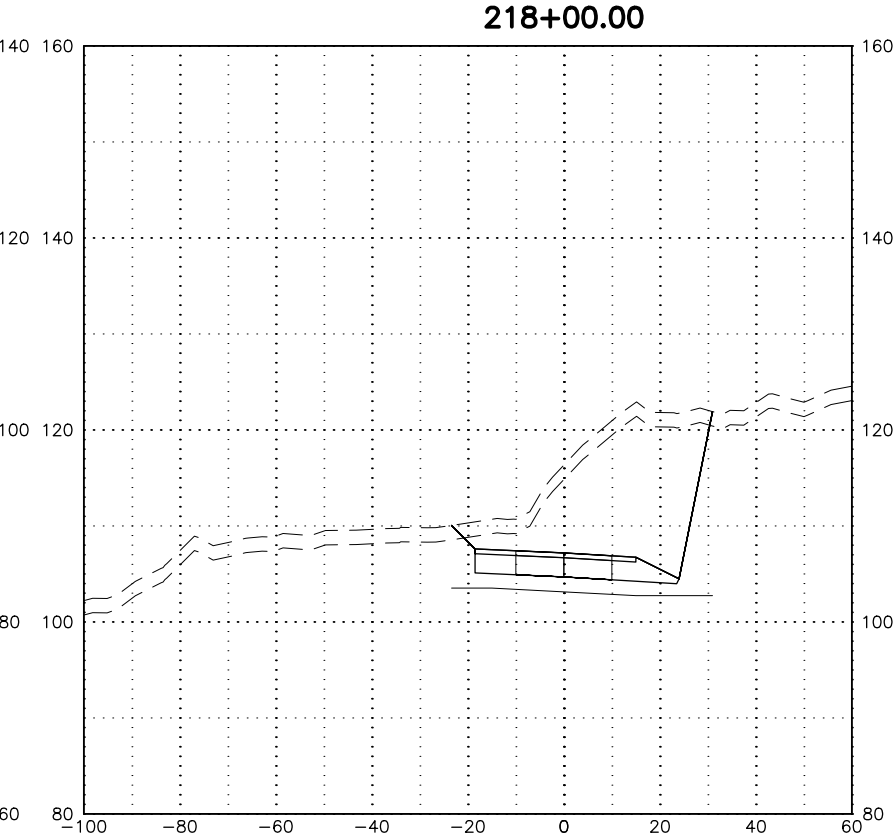
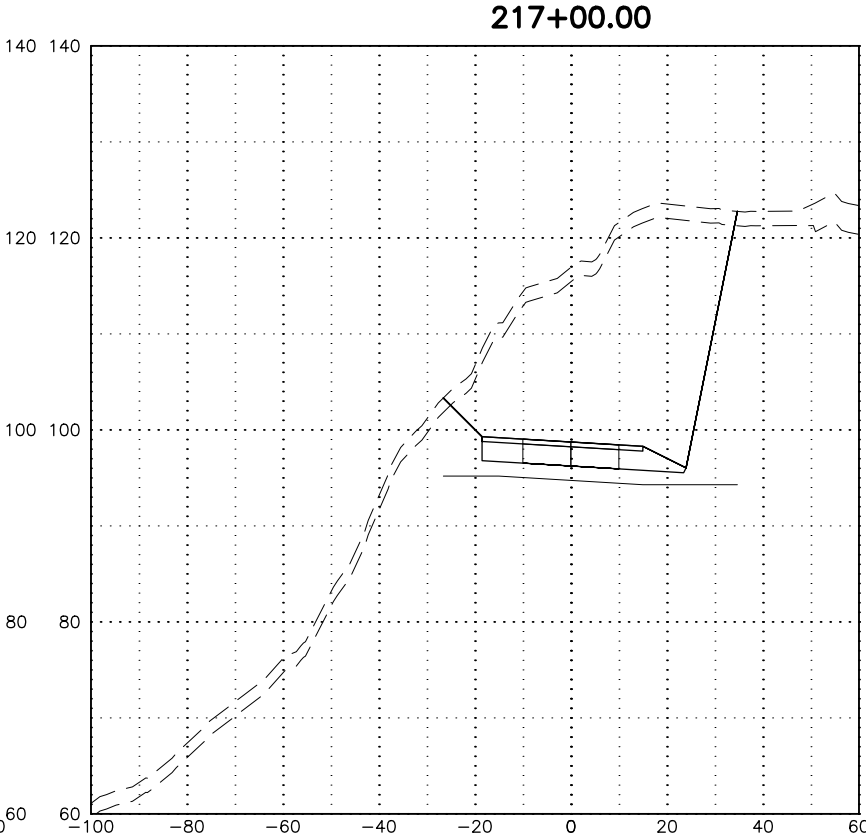
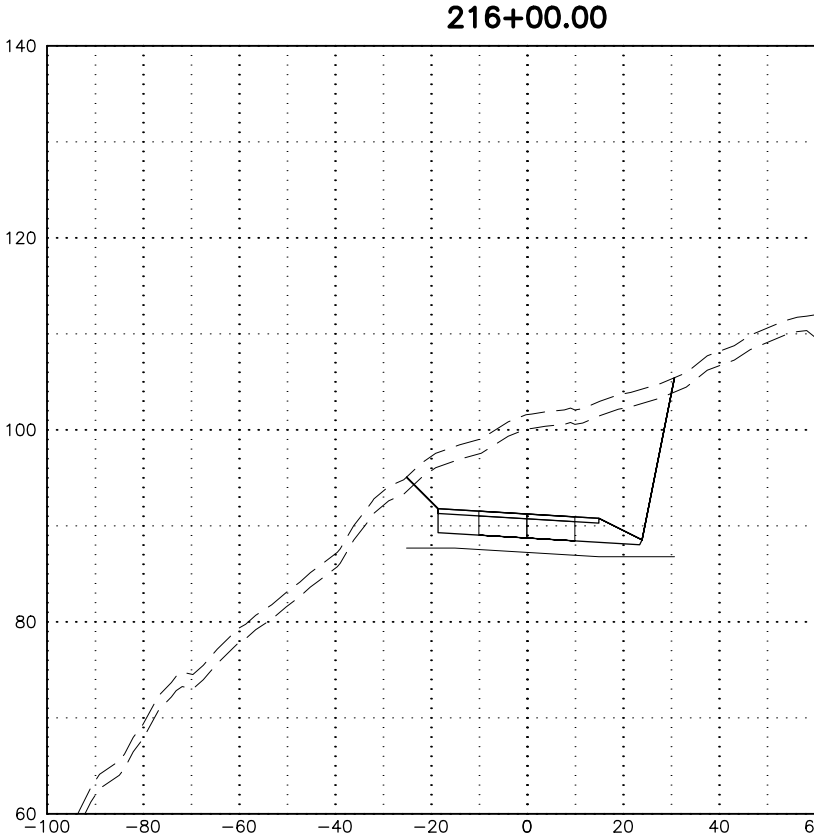
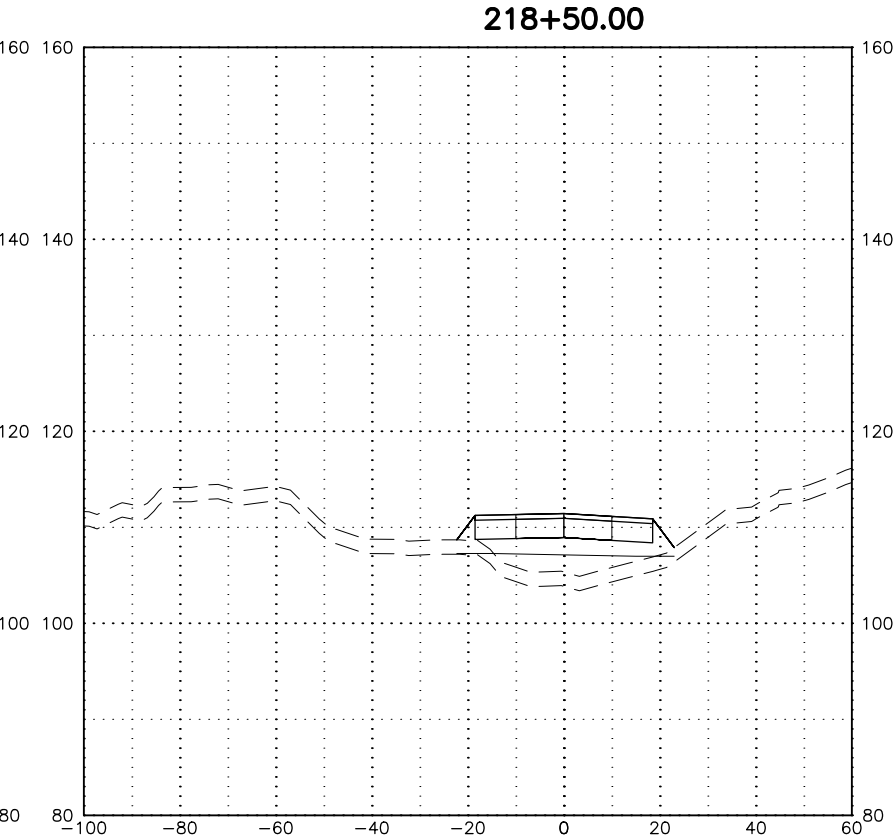
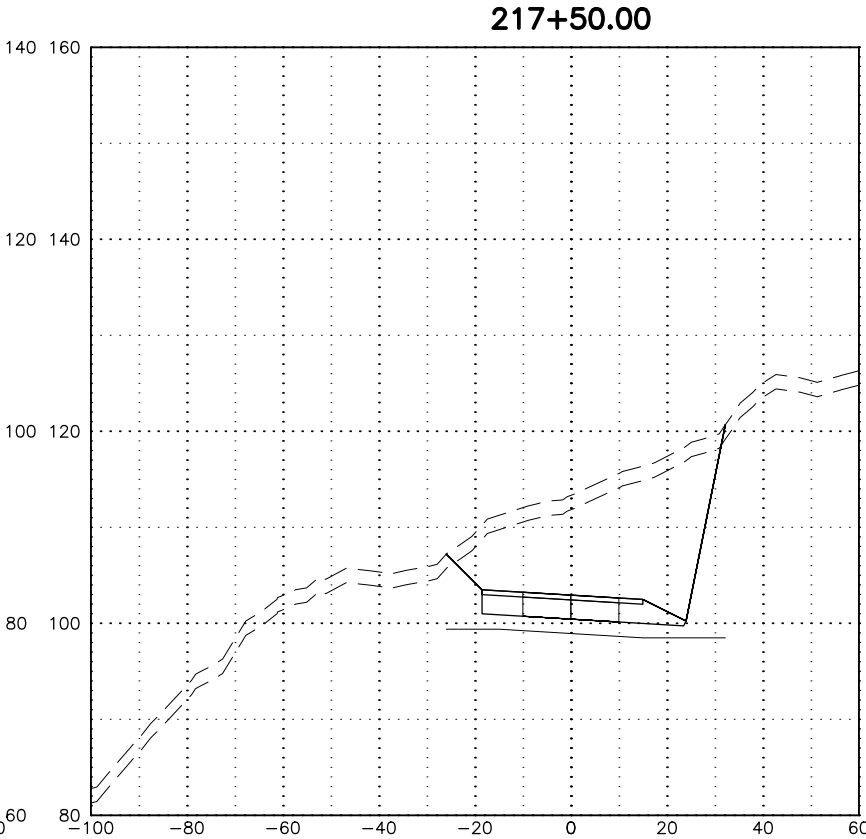
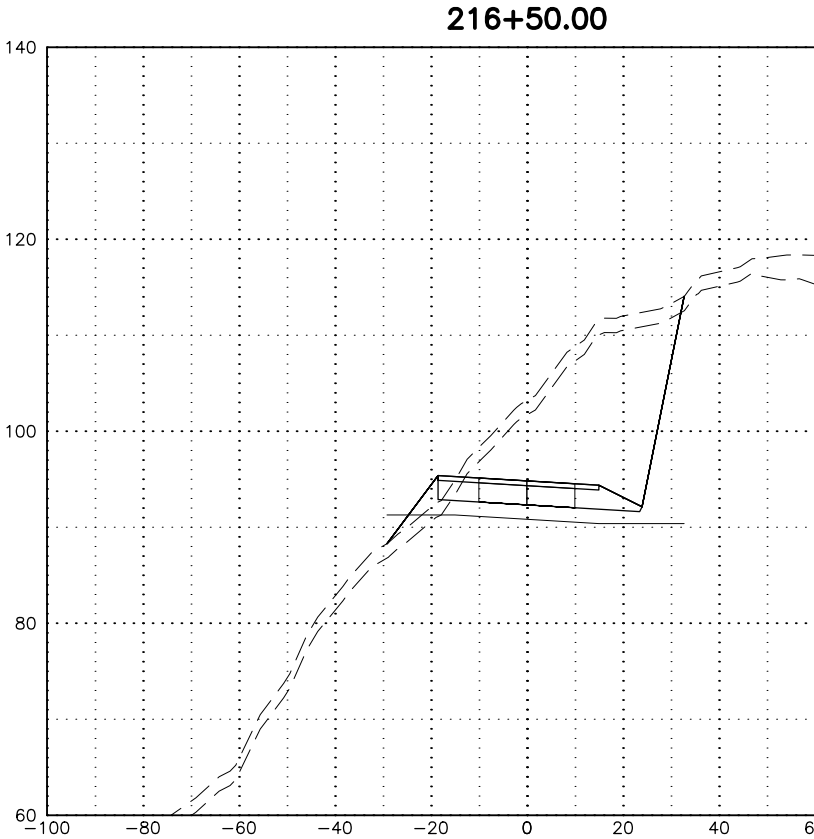
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

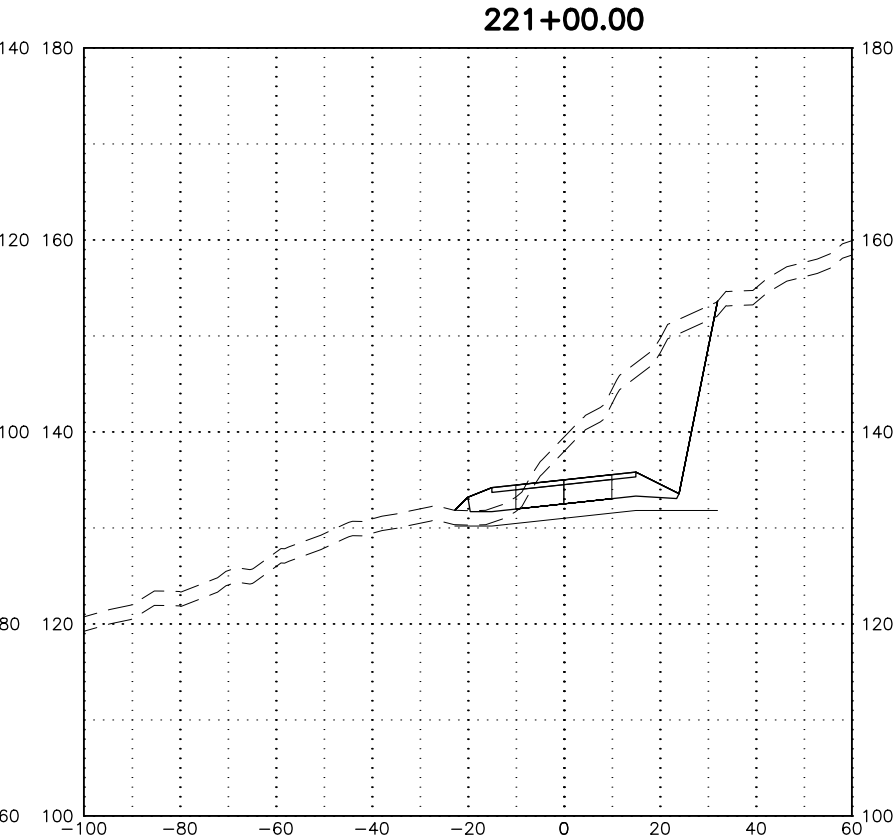
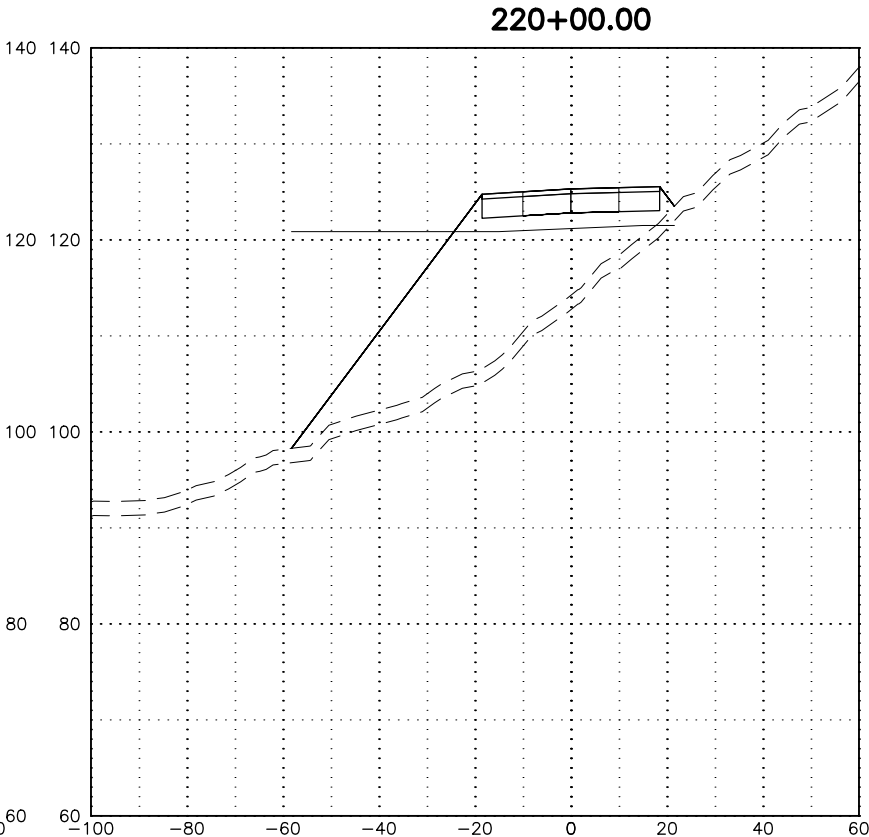
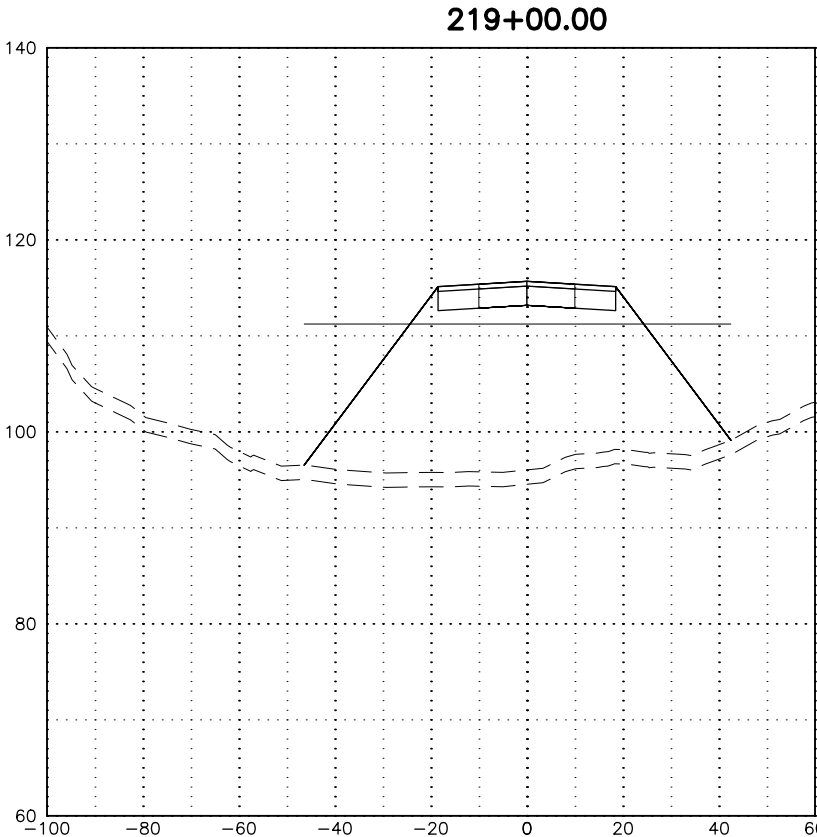
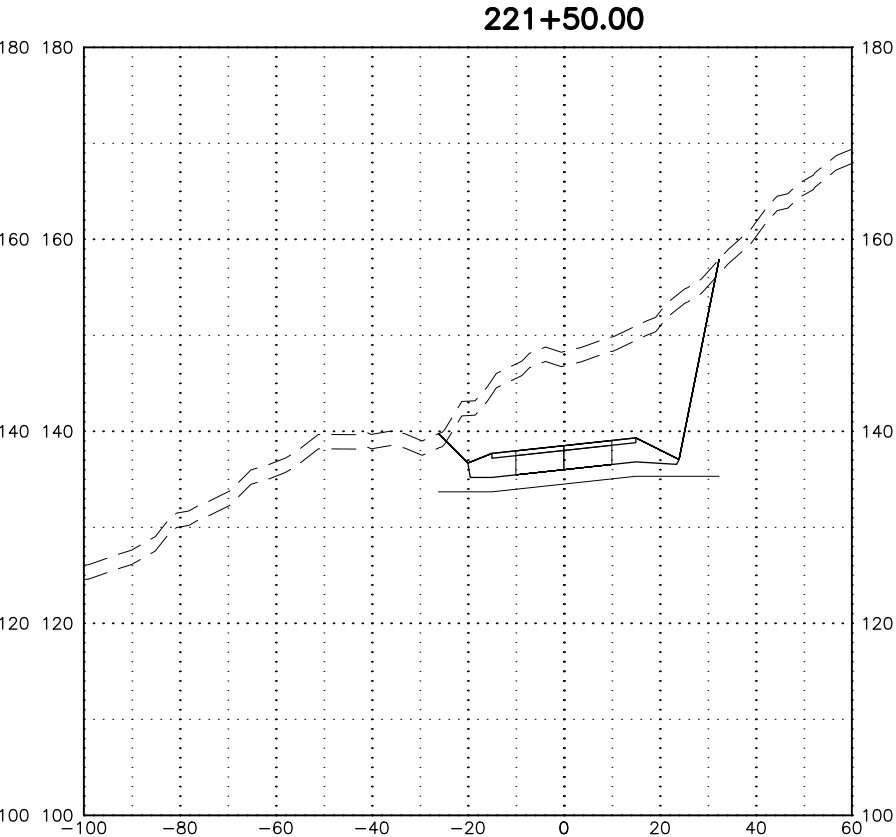
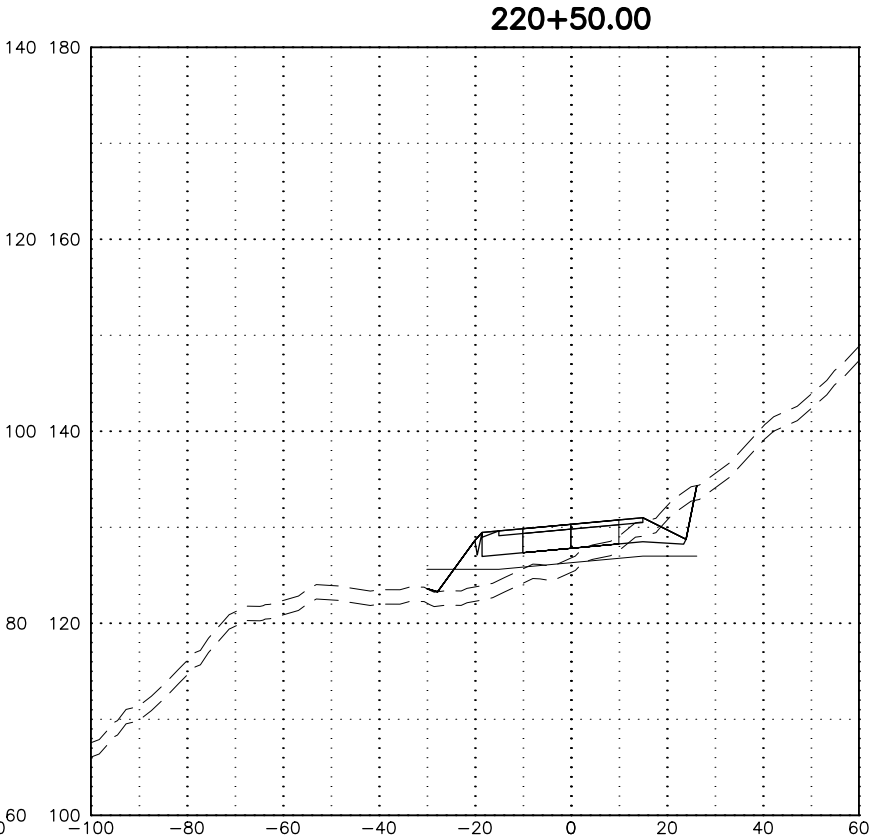
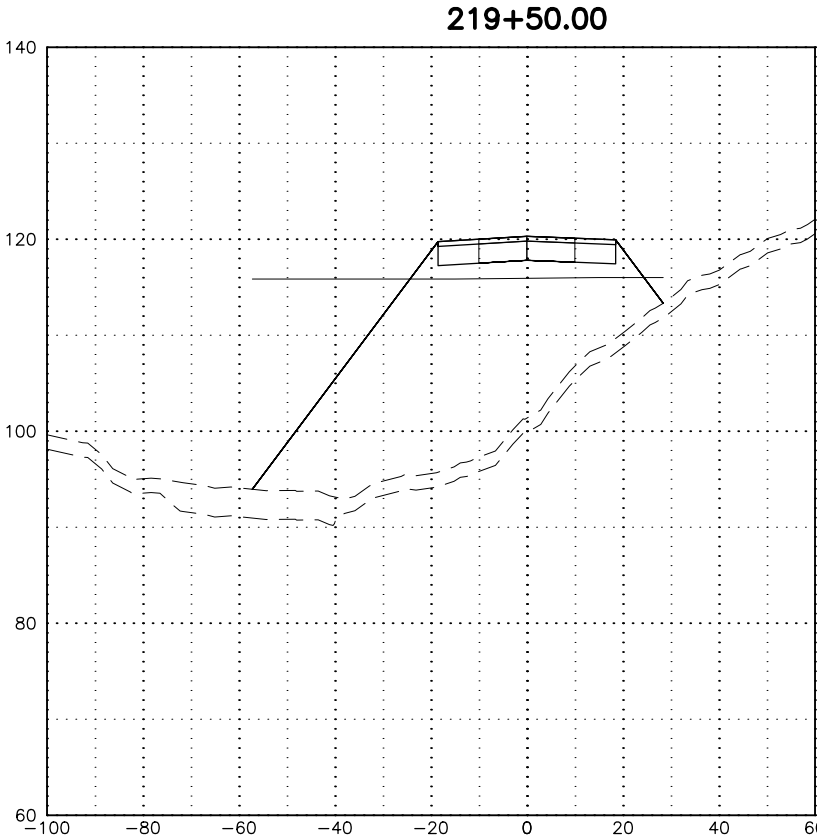
CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE





DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE

DATE
4/27/2022 11:28 AM

TIME

DATE

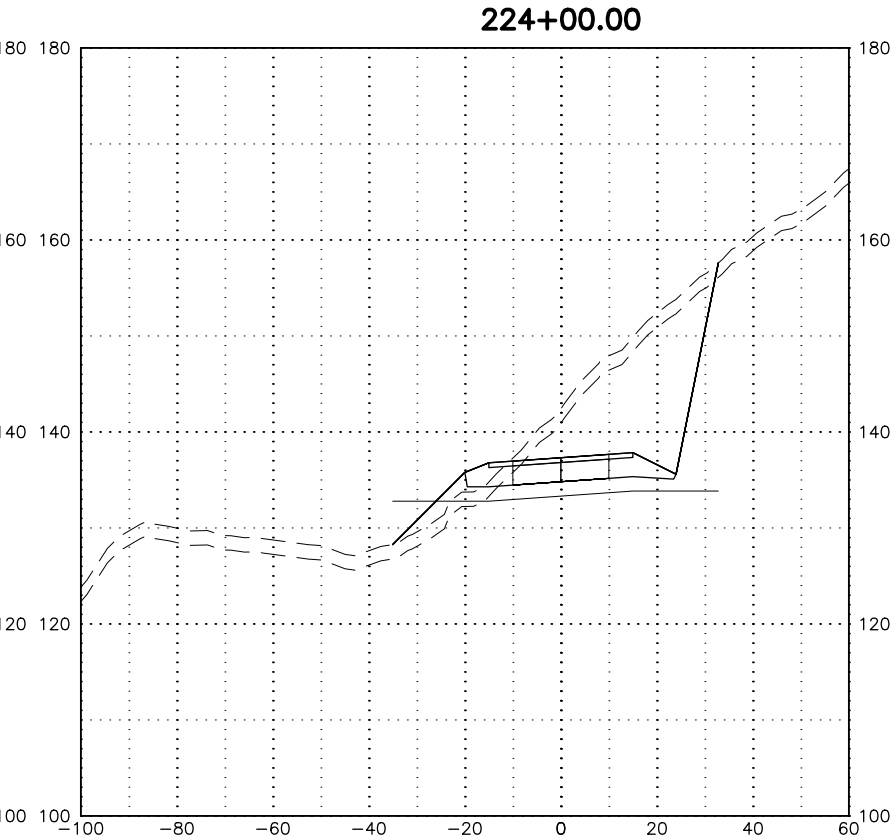
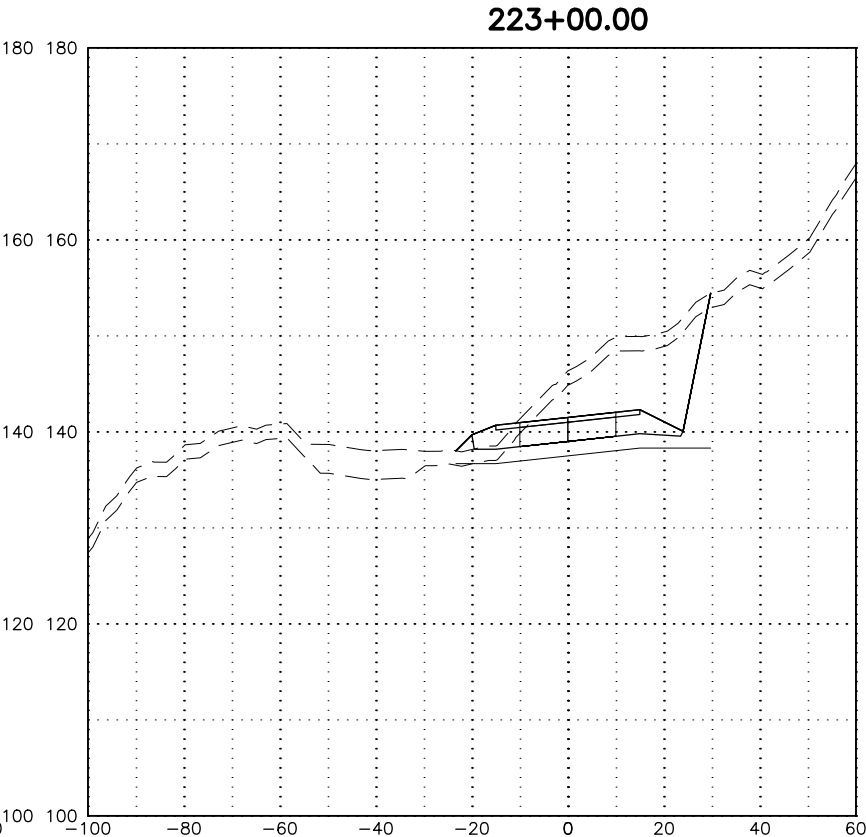
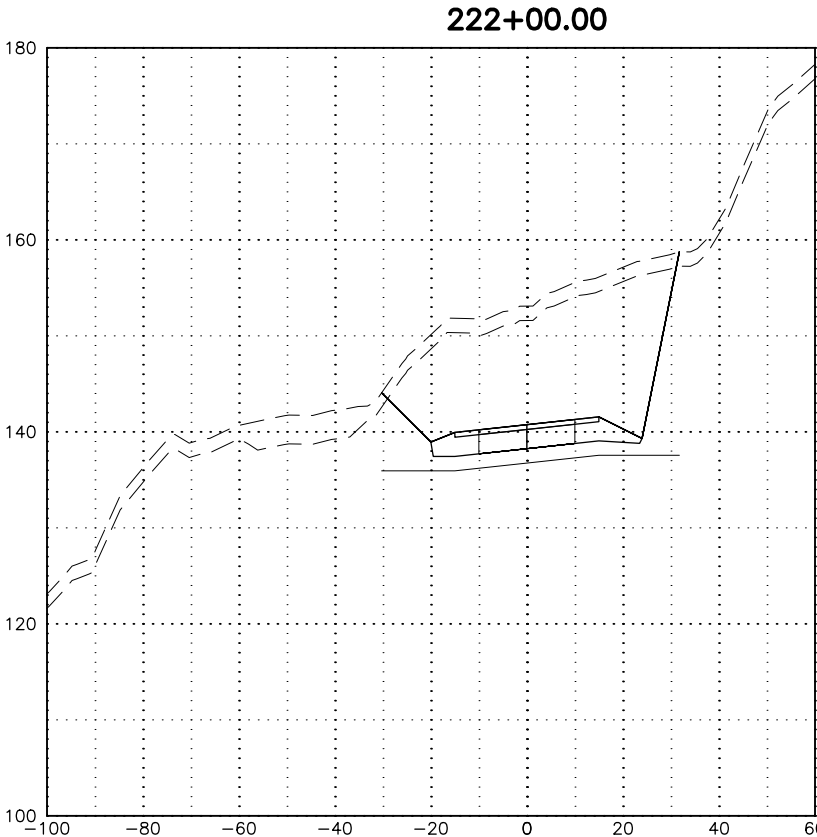
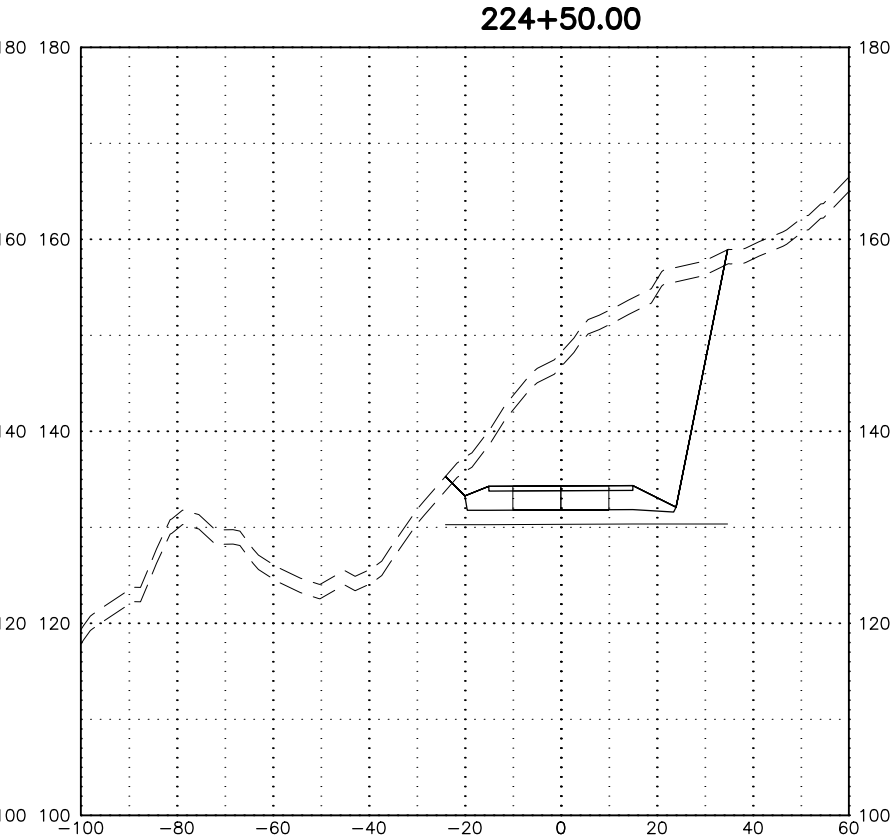
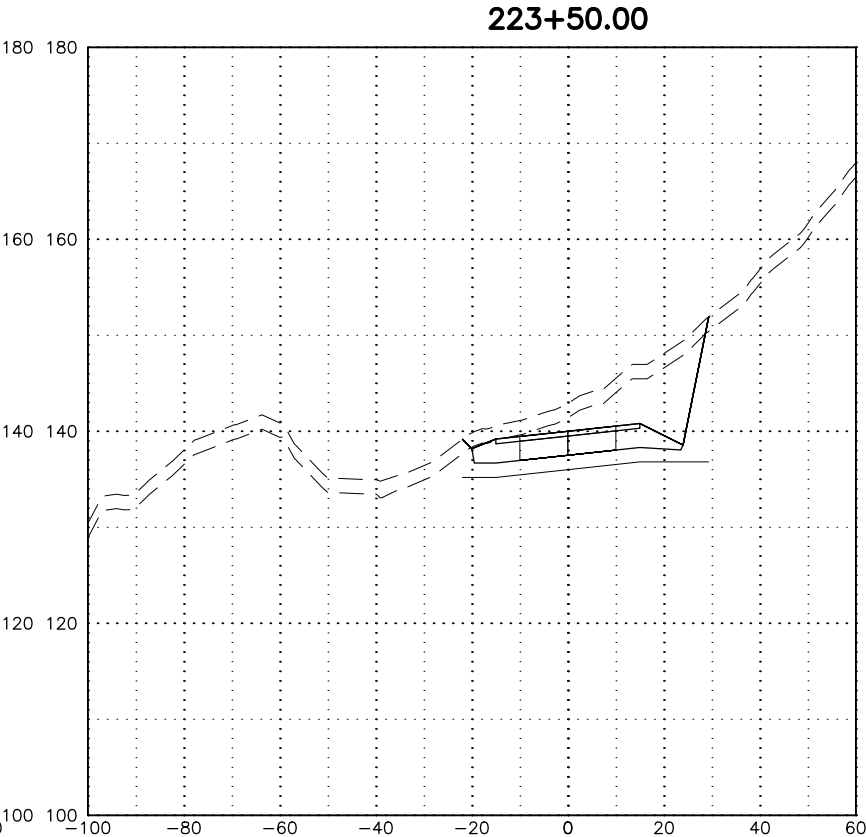
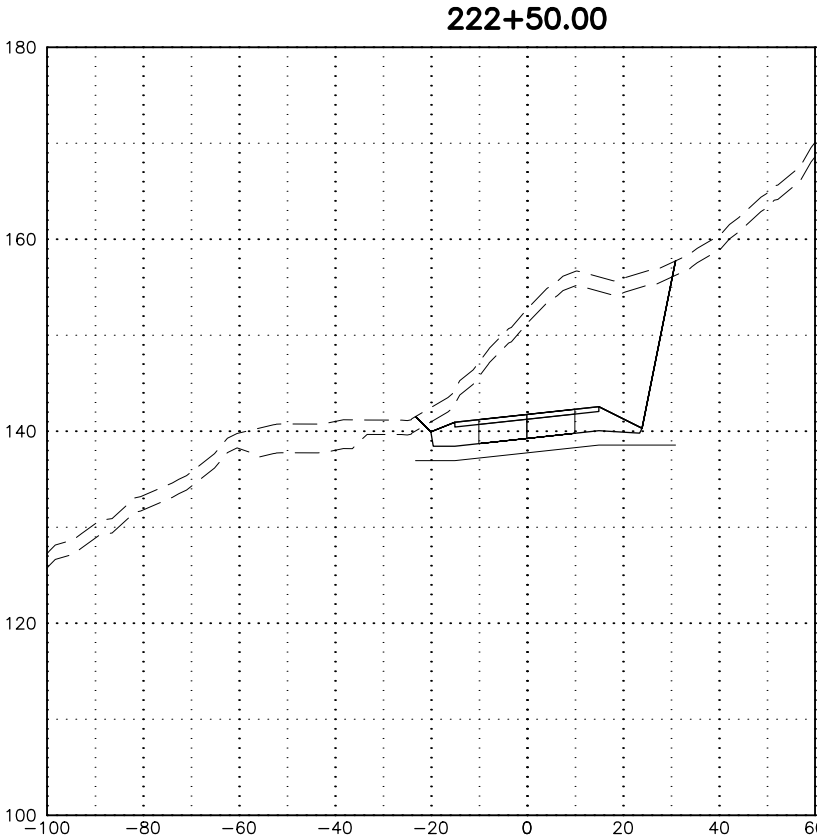
TIME

DATE

TIME

U:\JOBS\DATA\20403.02 SHOTGUN COVE ROAD\00 CADD\01 WORKING SET\01 CIVIL\02 DESIGN\20403.02 CROSS SECTIONS - MAINLINE.DWG

DRAWING LOCATION



SHEET NO.	TOTAL SHEETS
X45	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

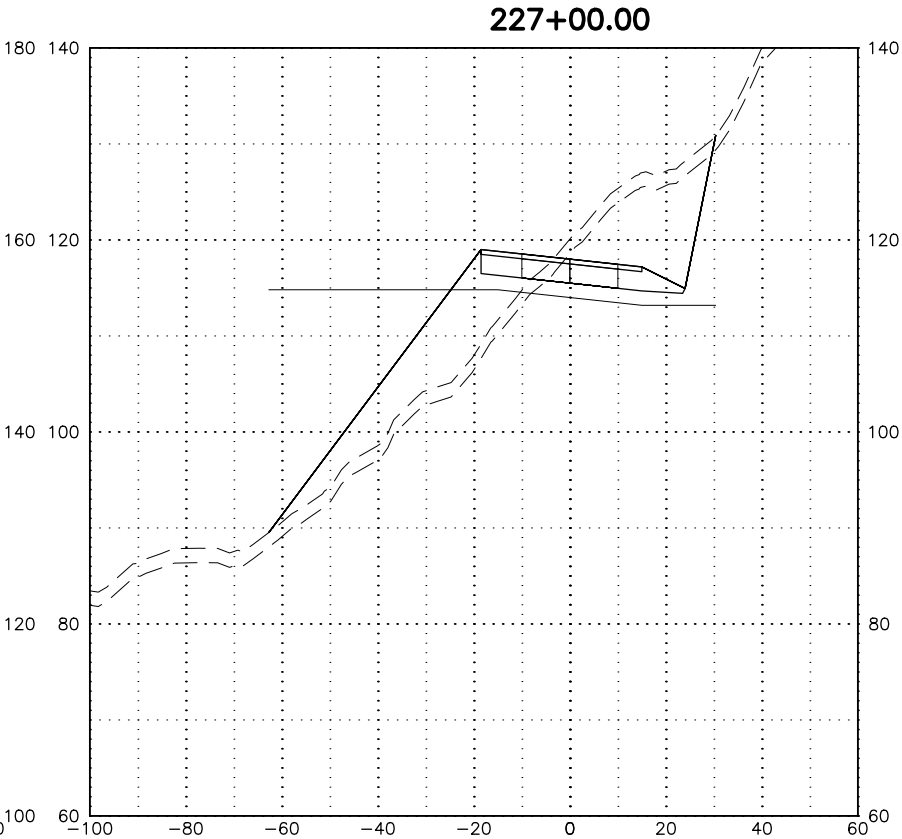
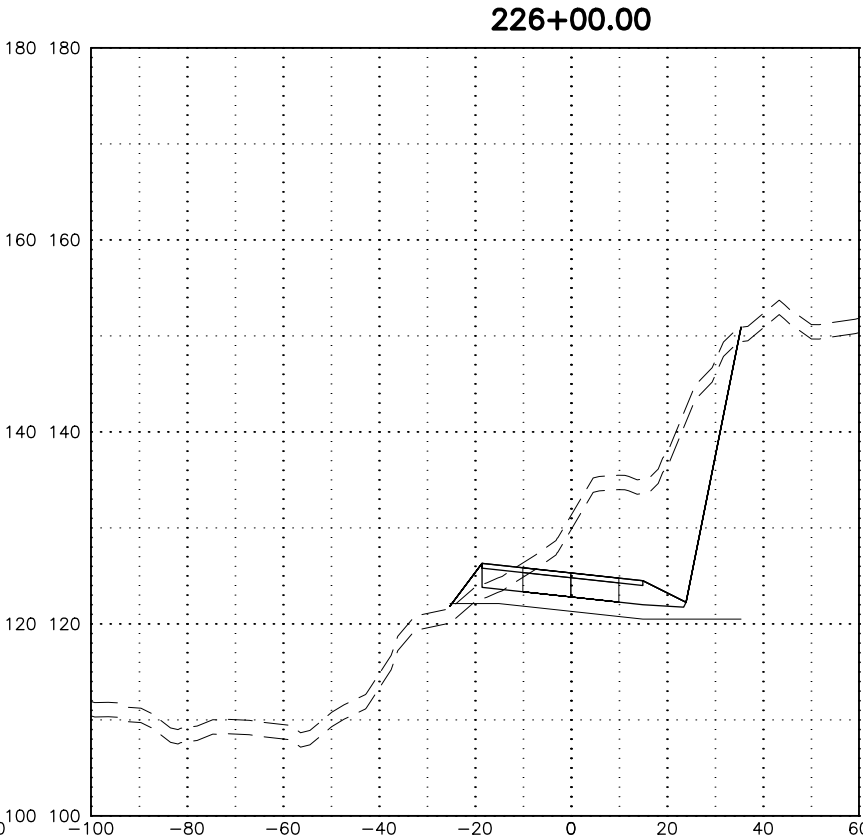
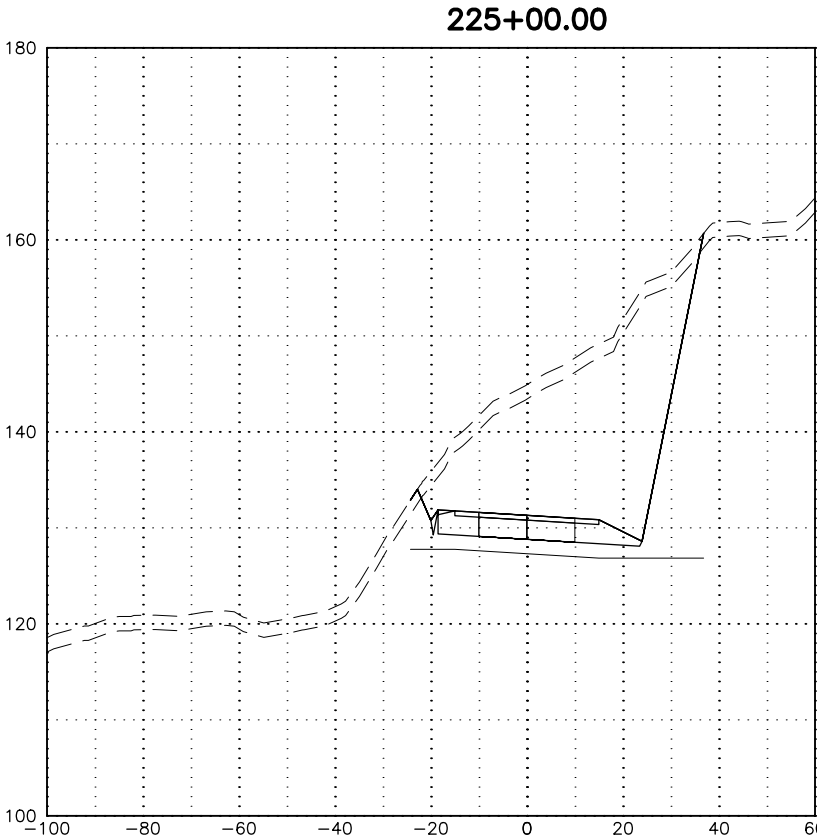
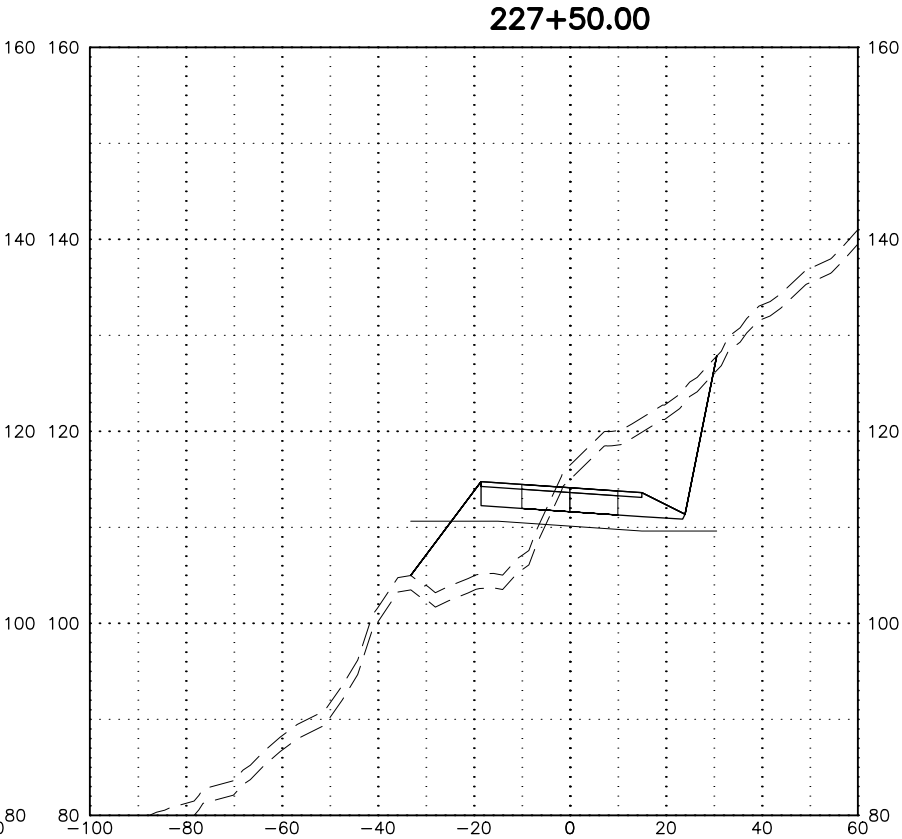
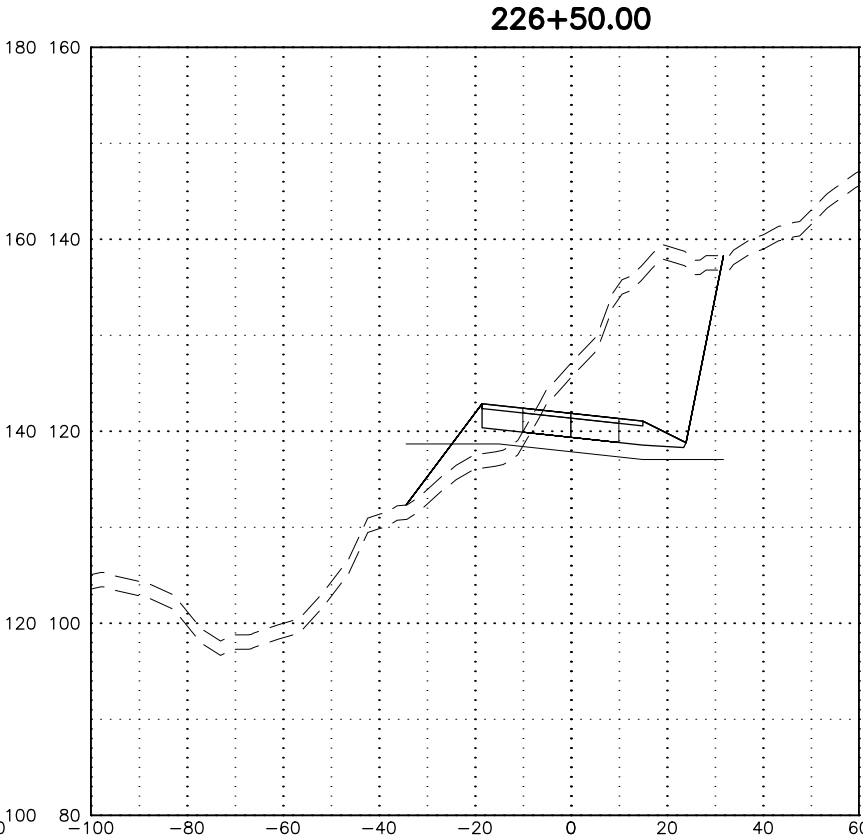
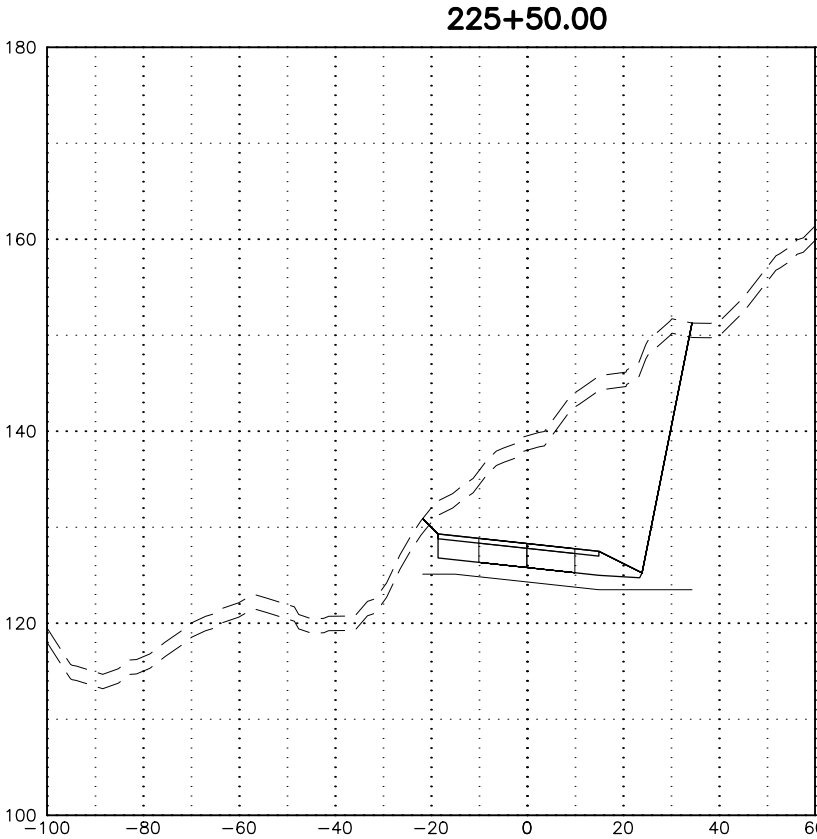
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



SHEET NO.	TOTAL SHEETS
X46	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

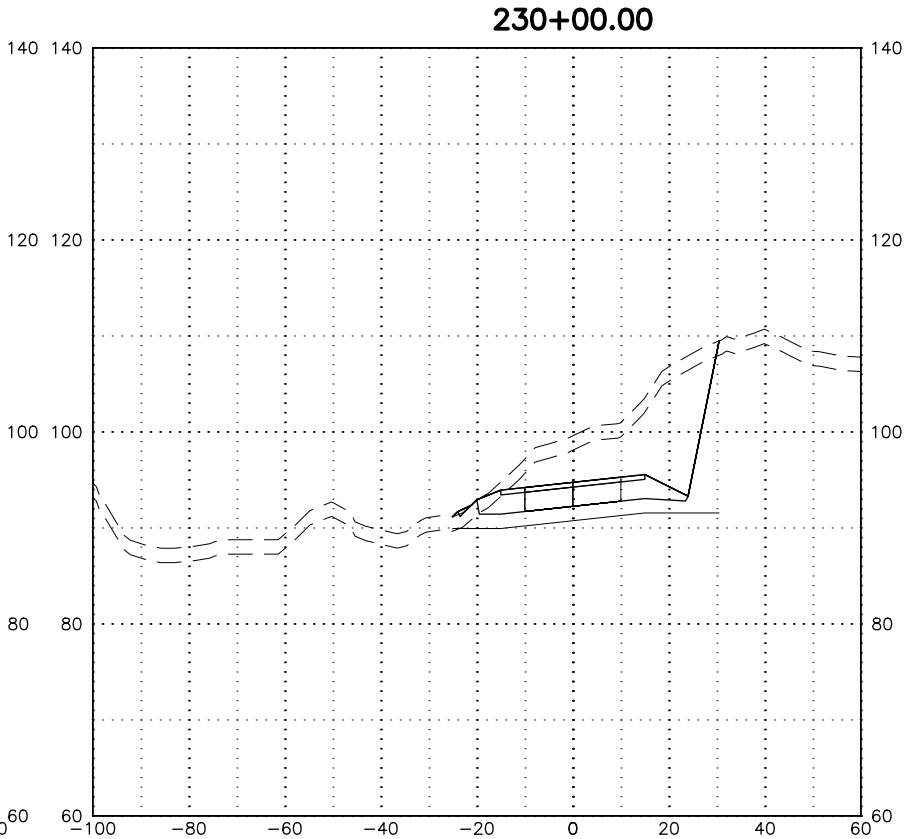
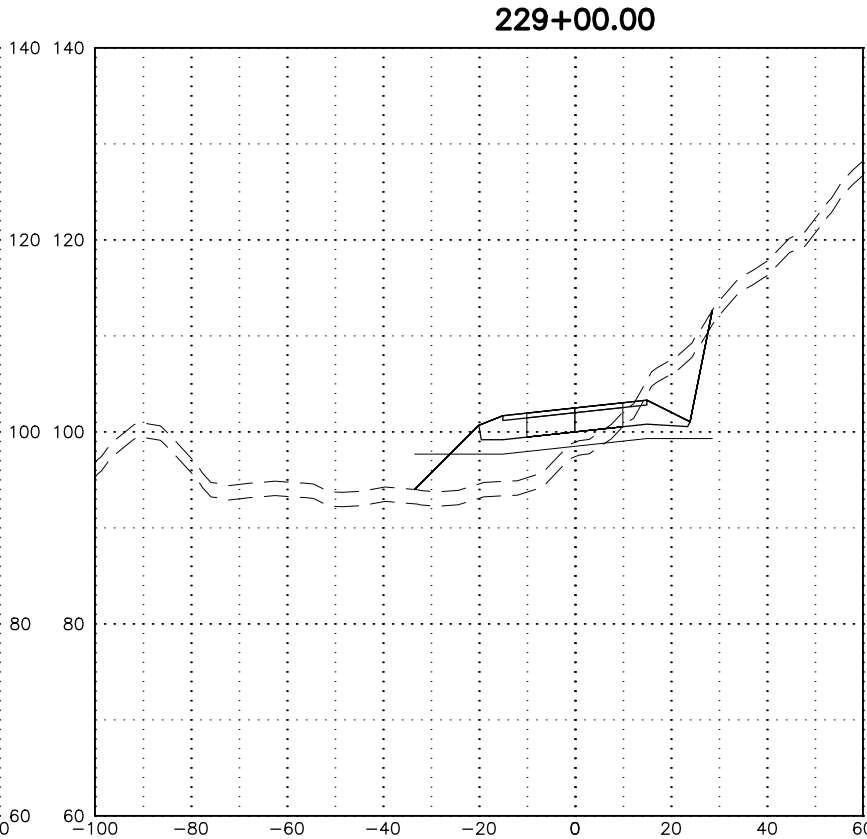
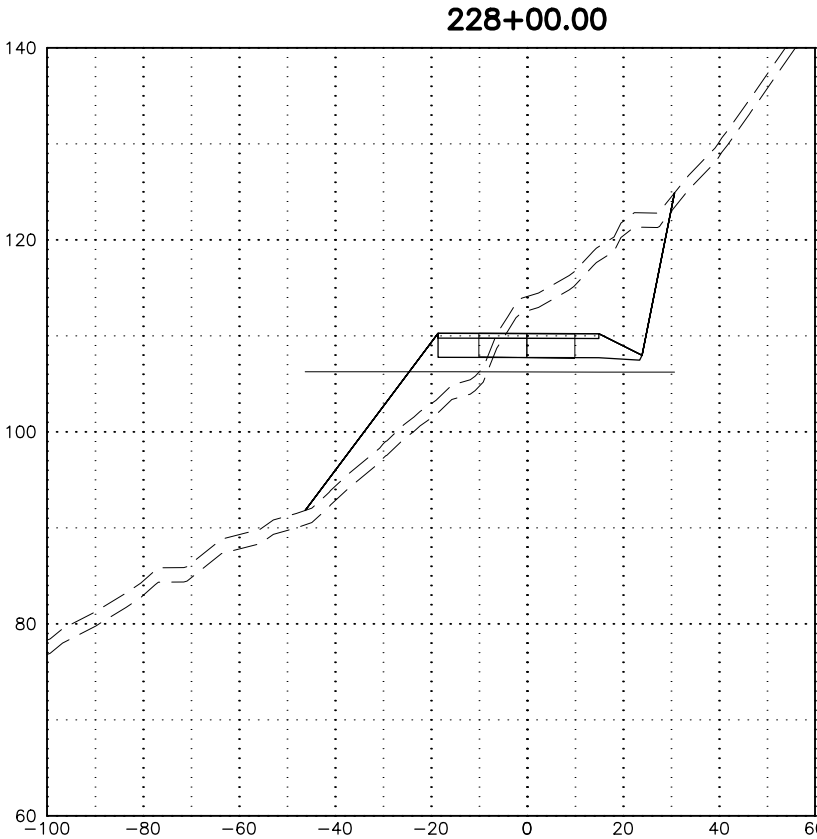
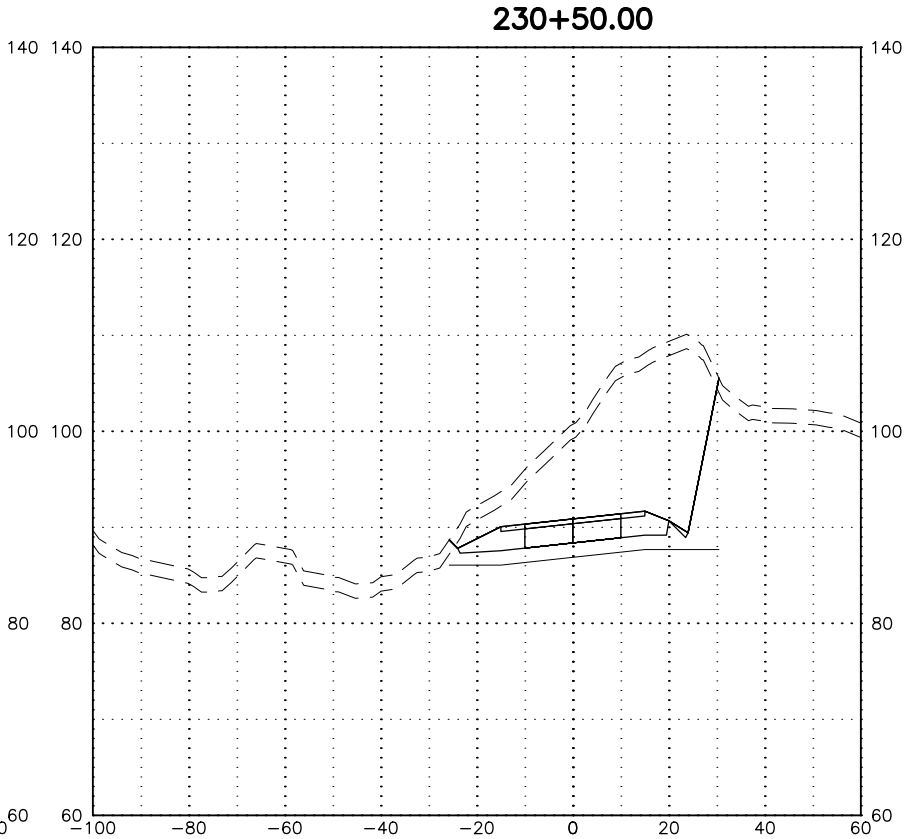
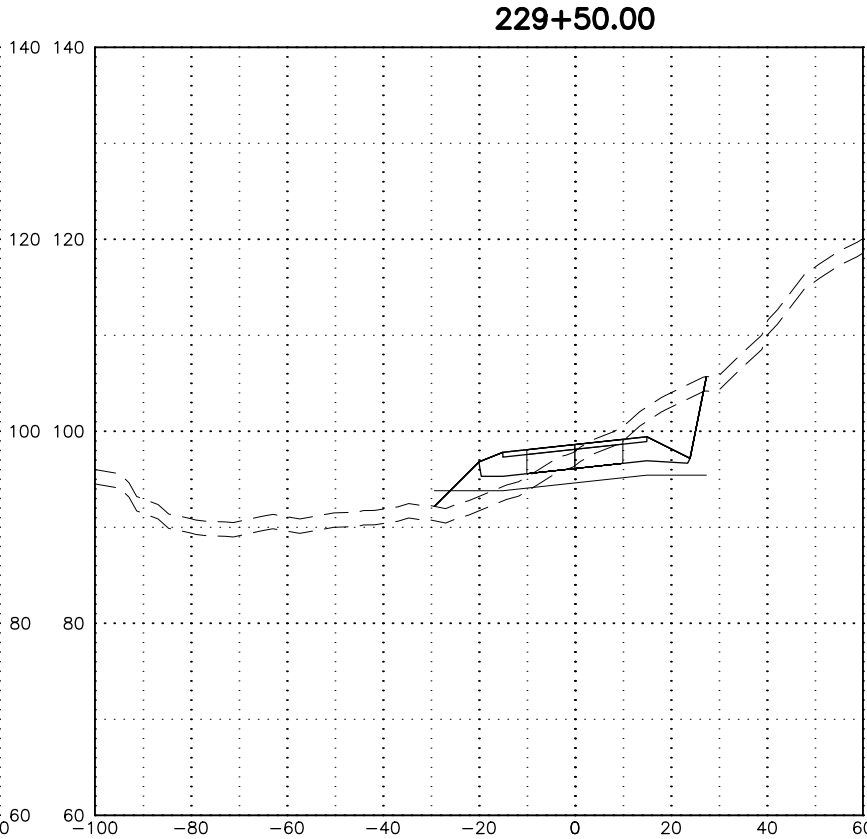
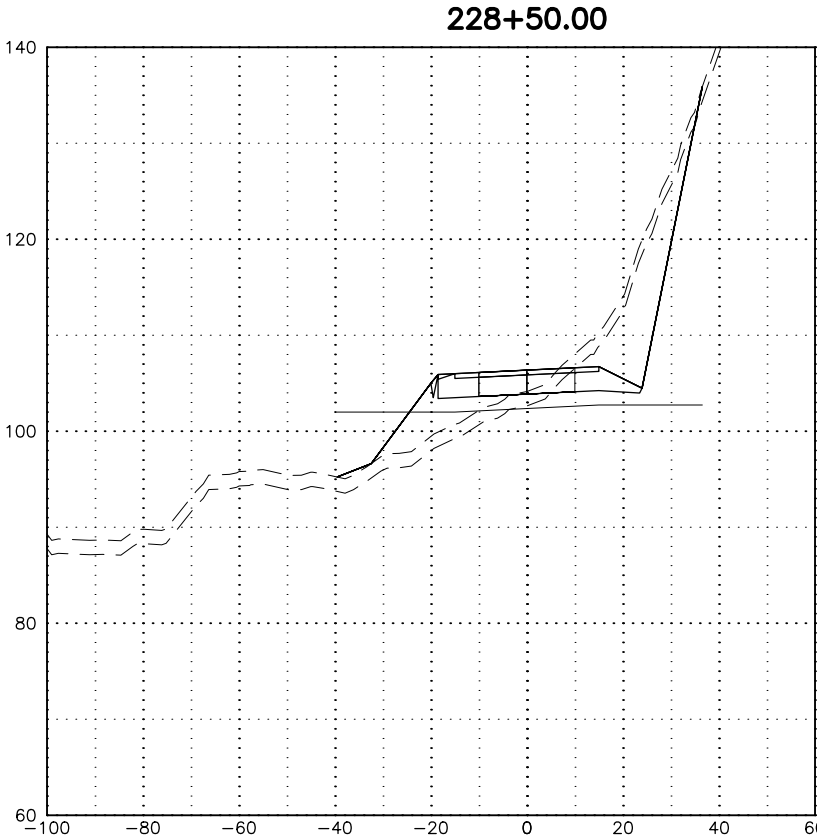
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



SHEET NO.	TOTAL SHEETS
X47	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

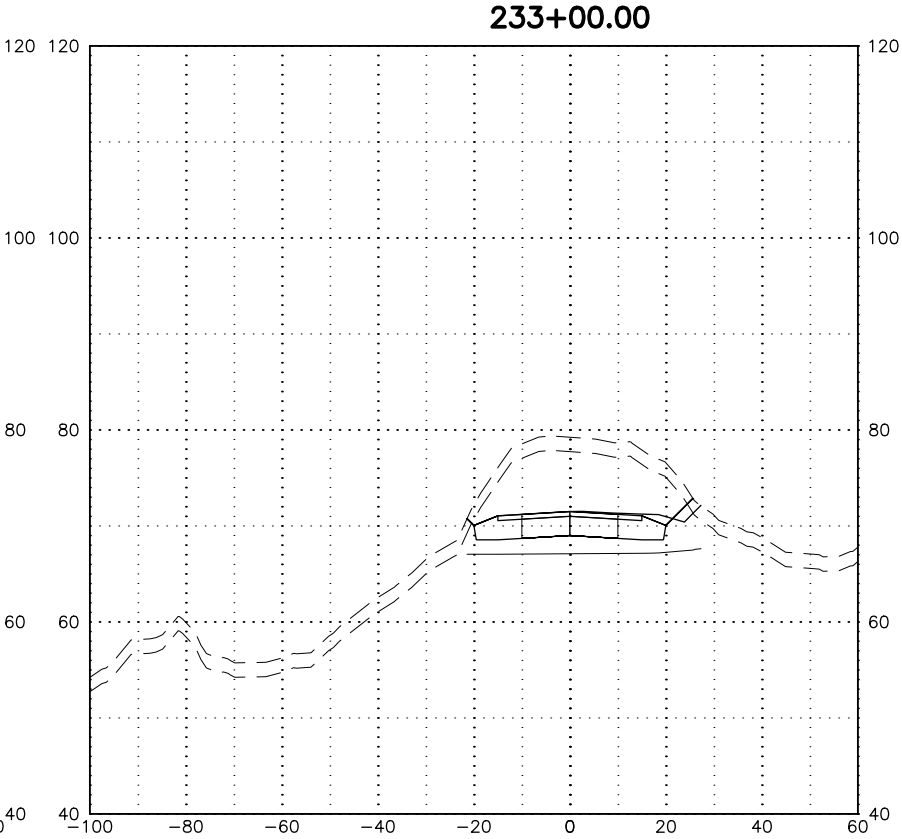
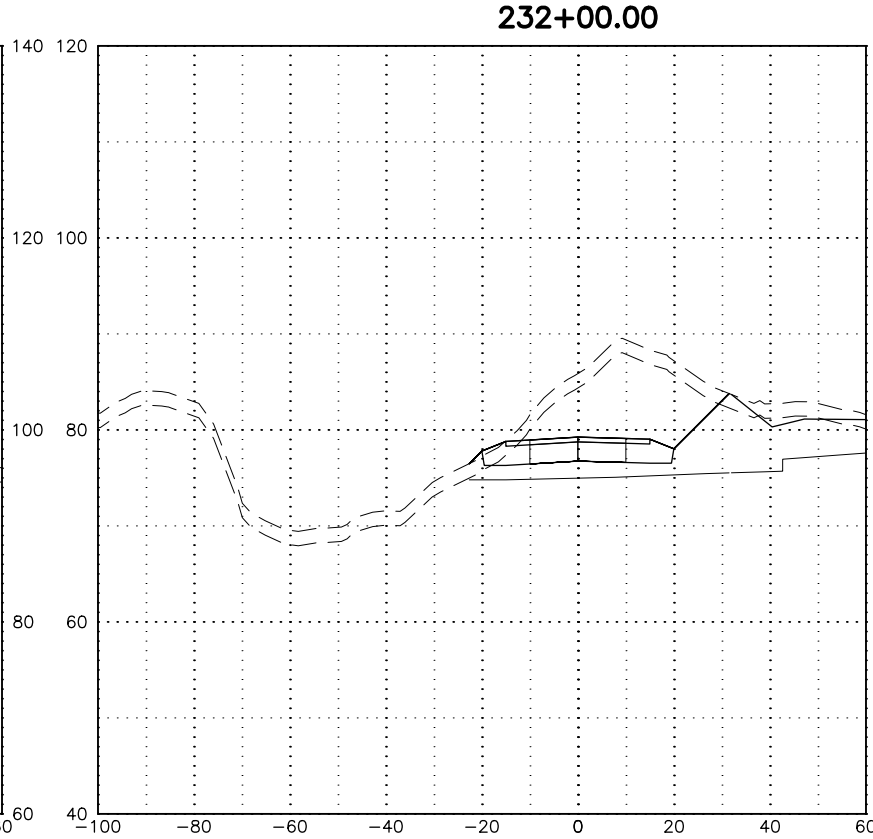
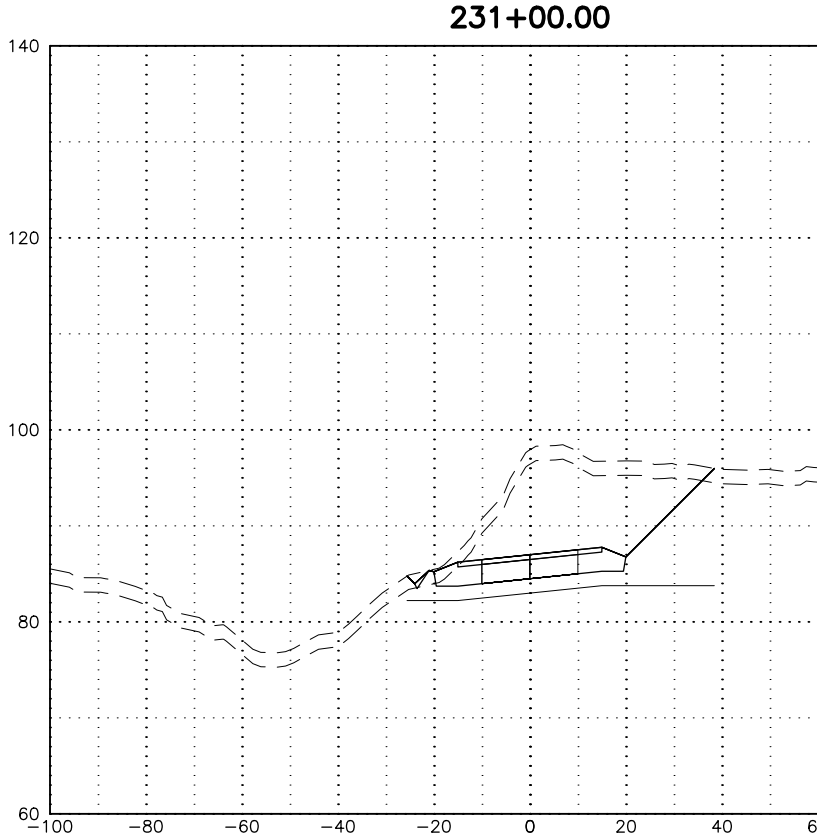
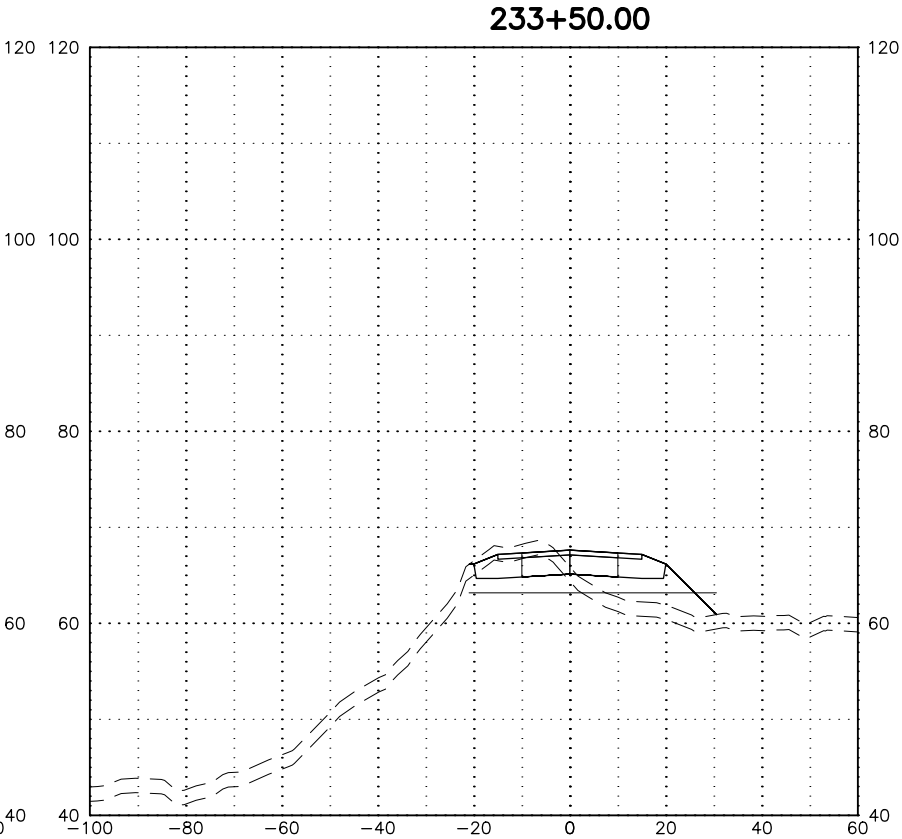
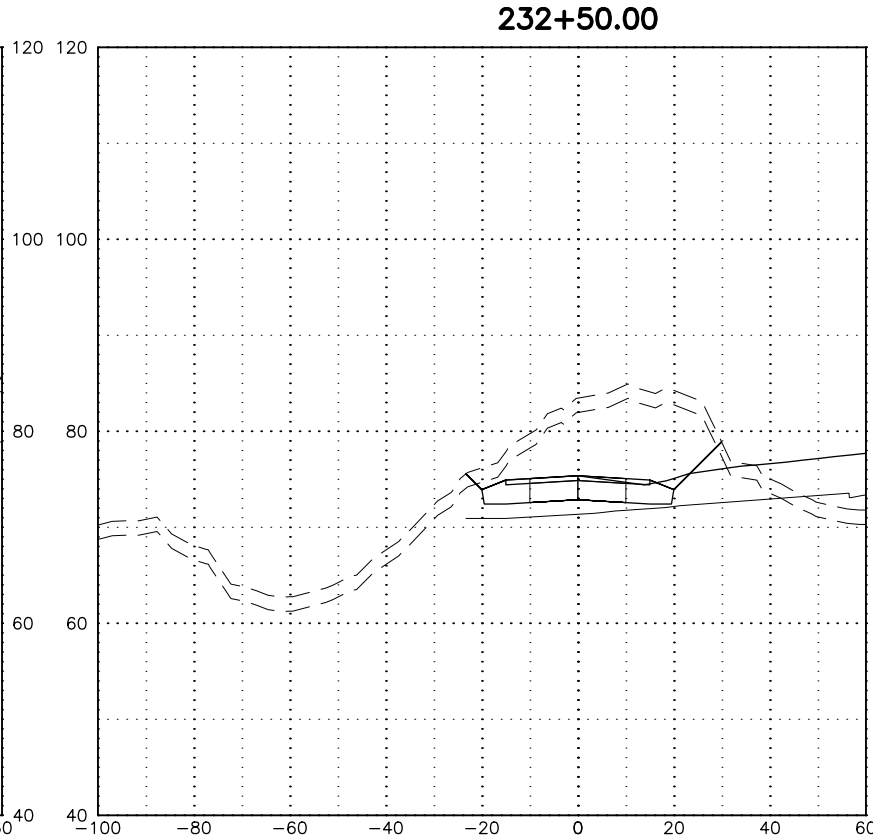
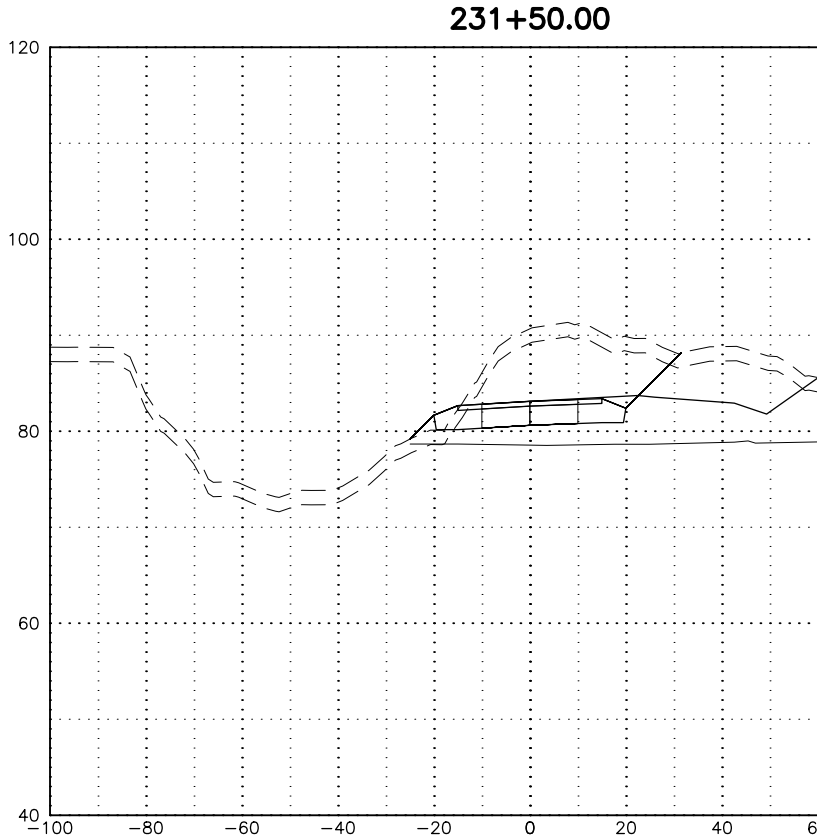
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



SHEET NO.	TOTAL SHEETS
X48	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

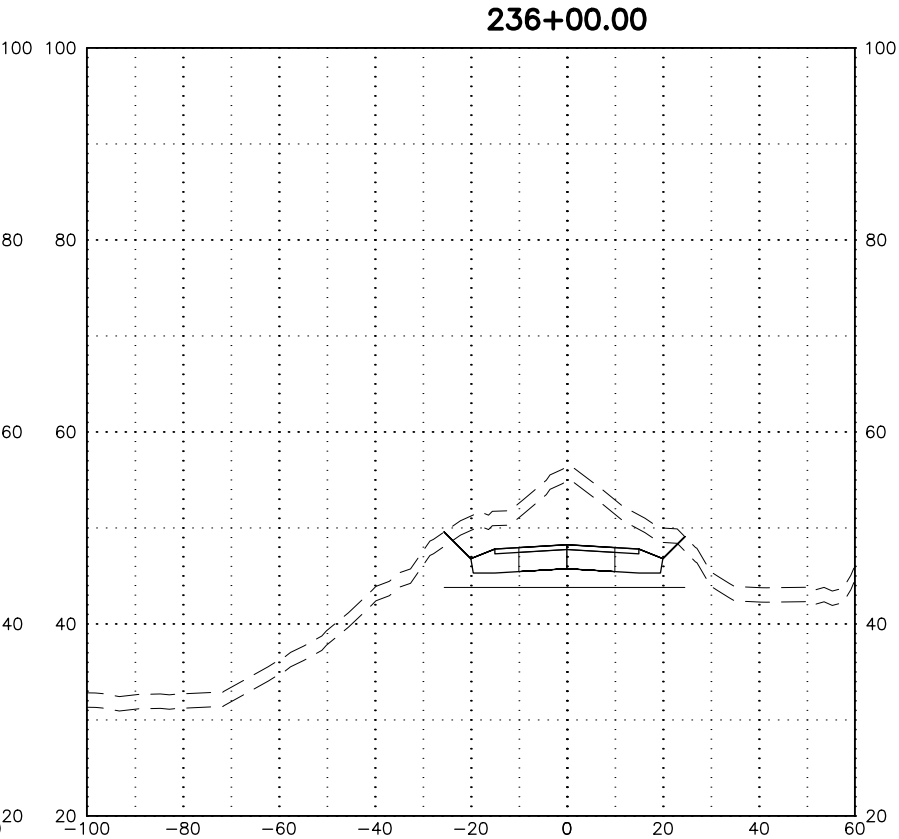
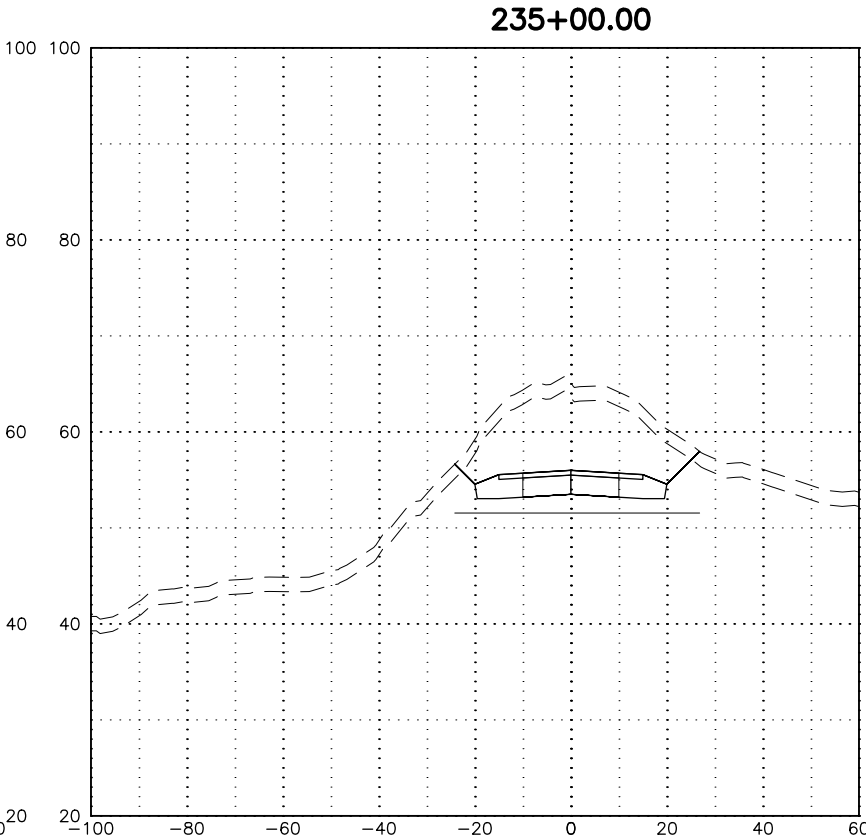
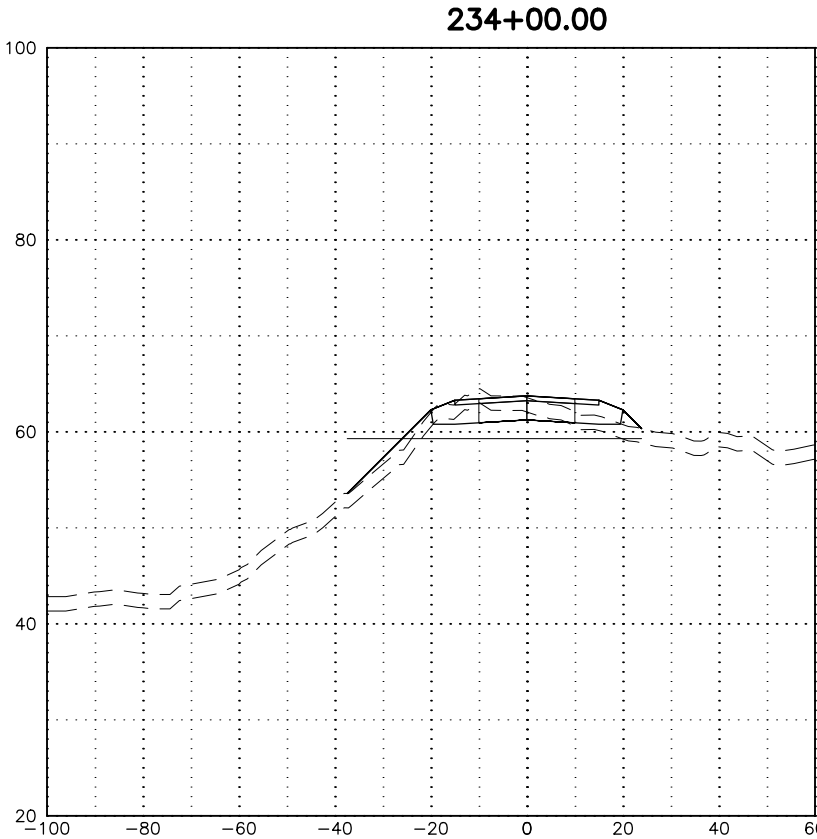
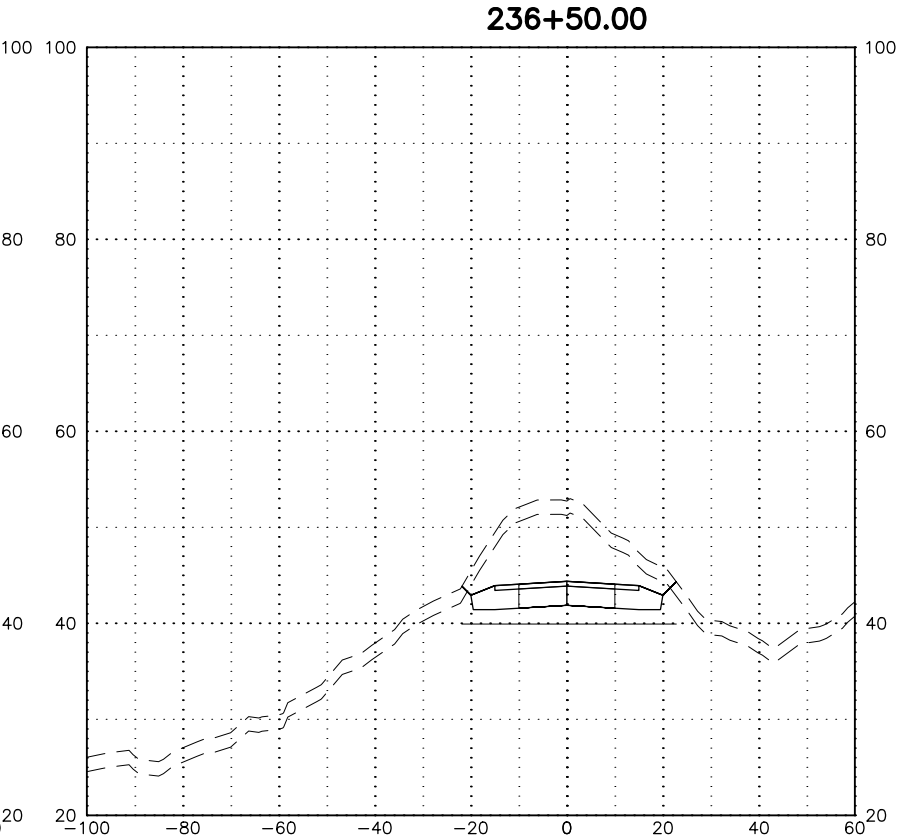
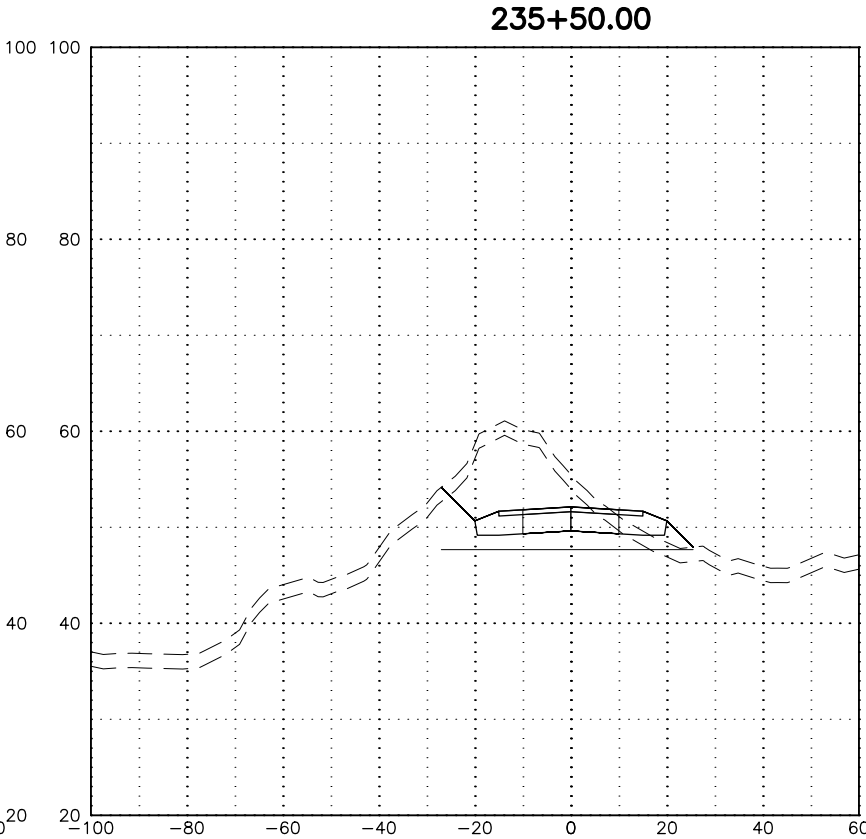
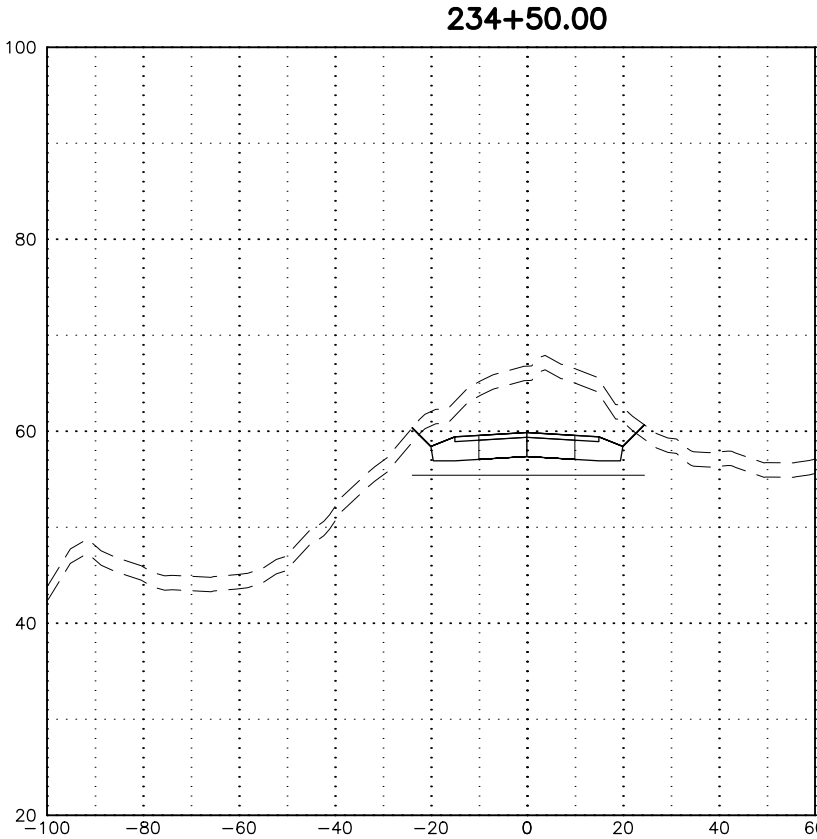
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

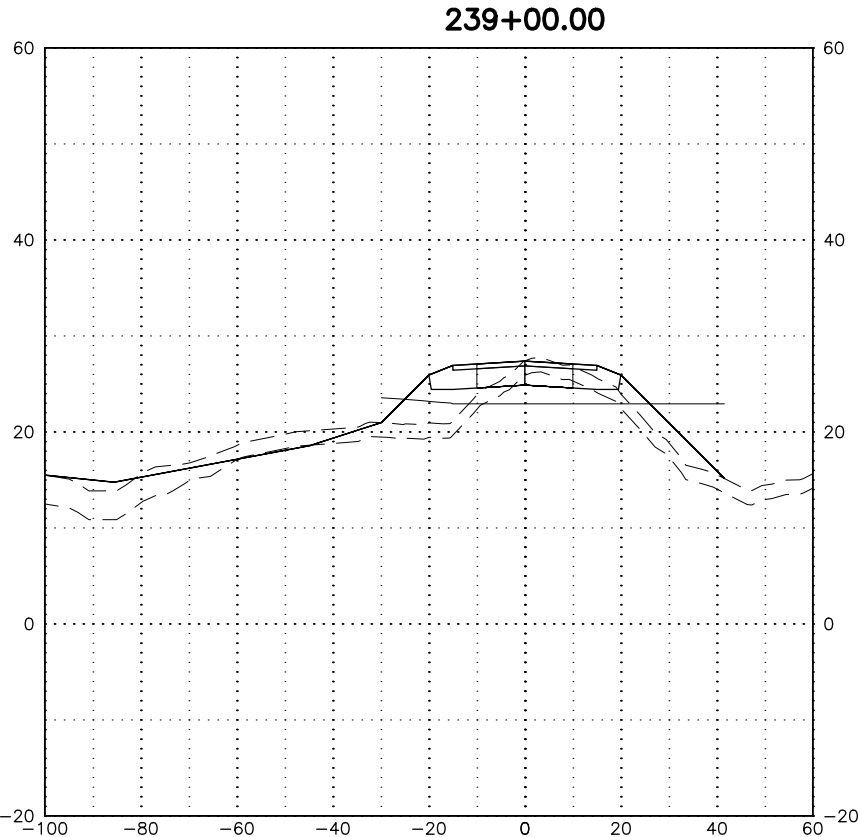
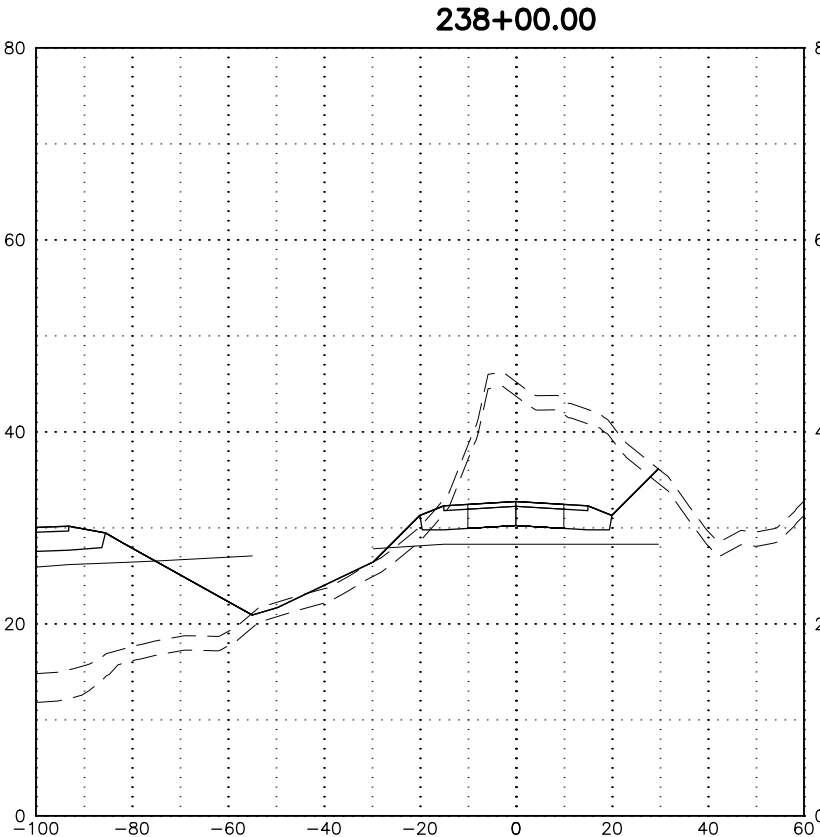
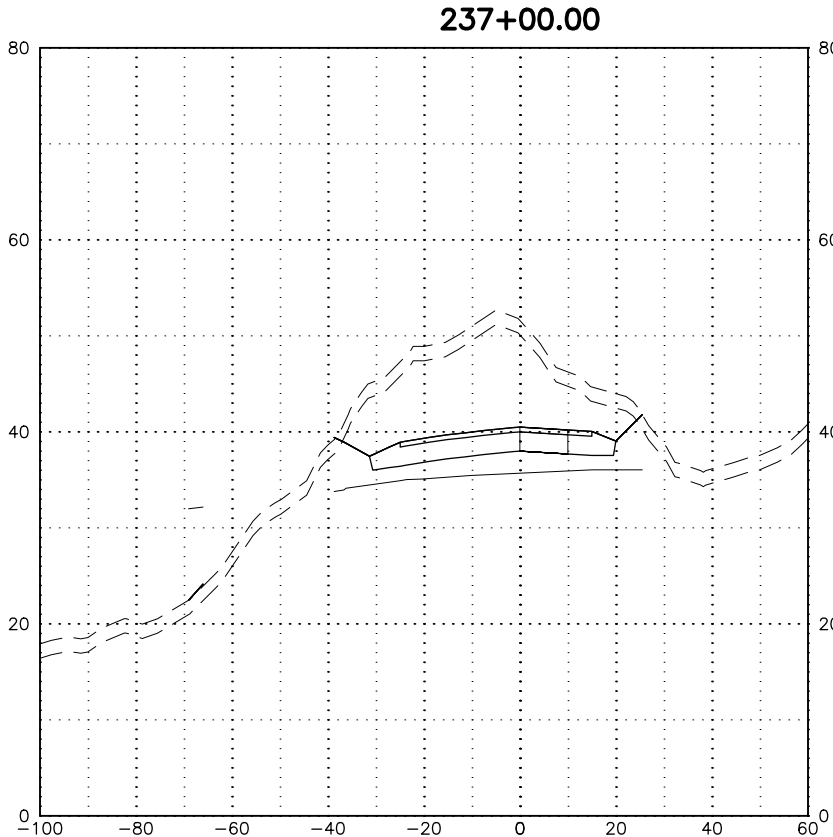
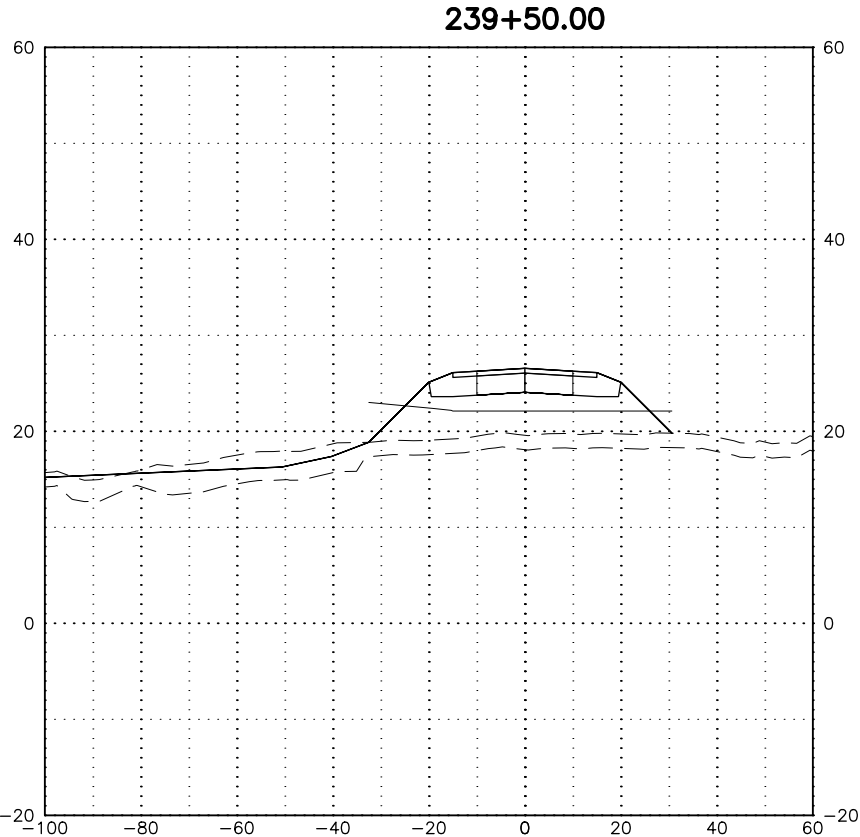
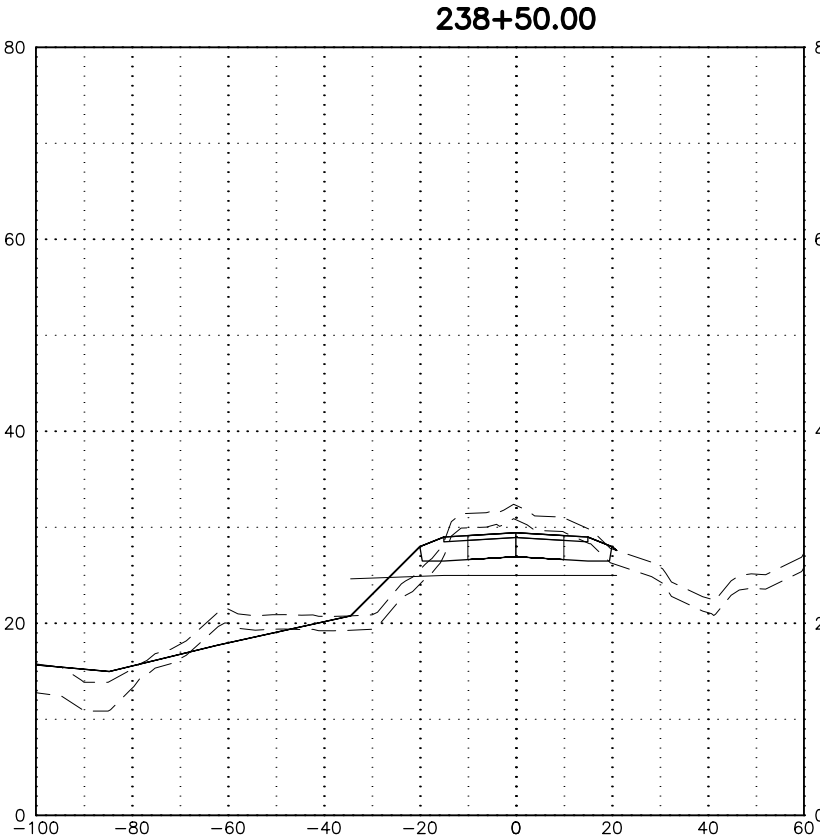
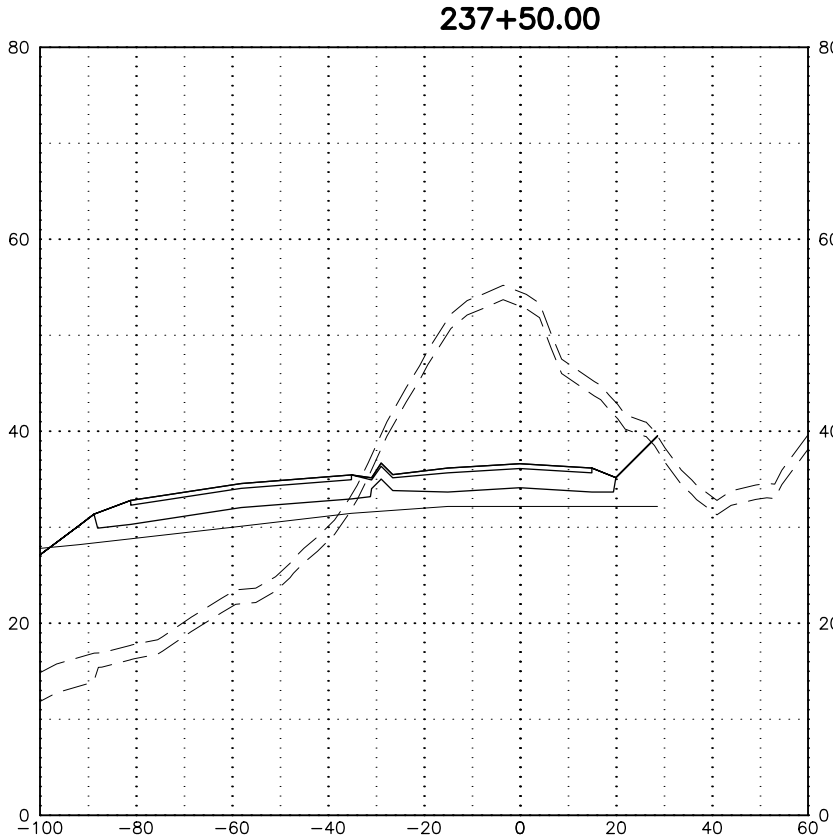
CITY OF WHITTIER

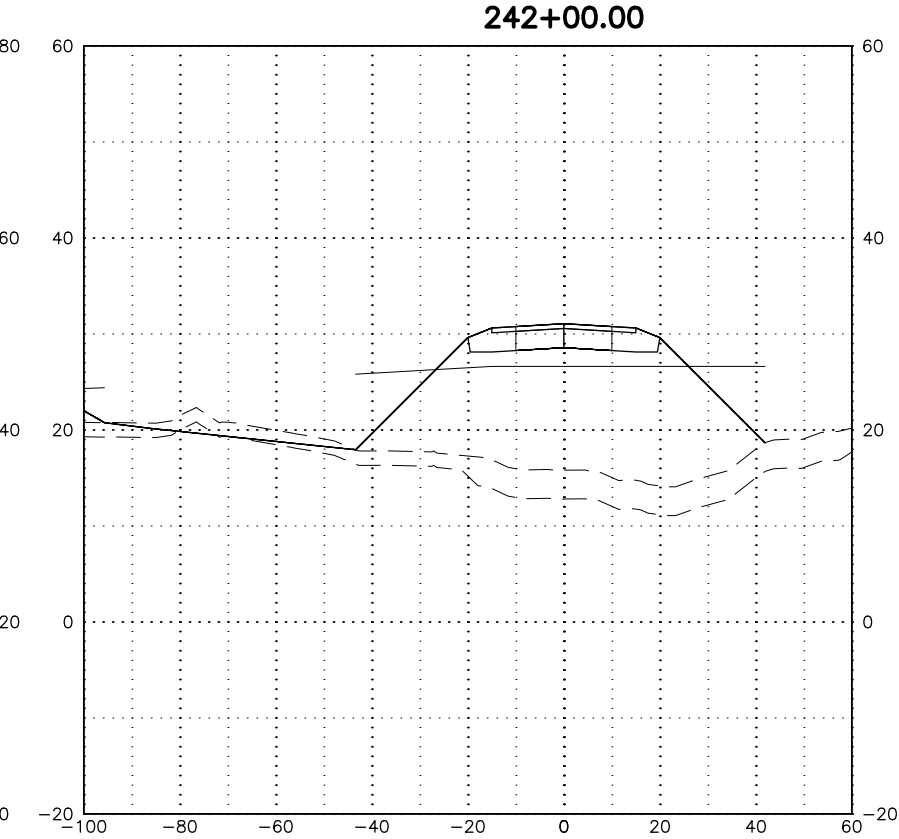
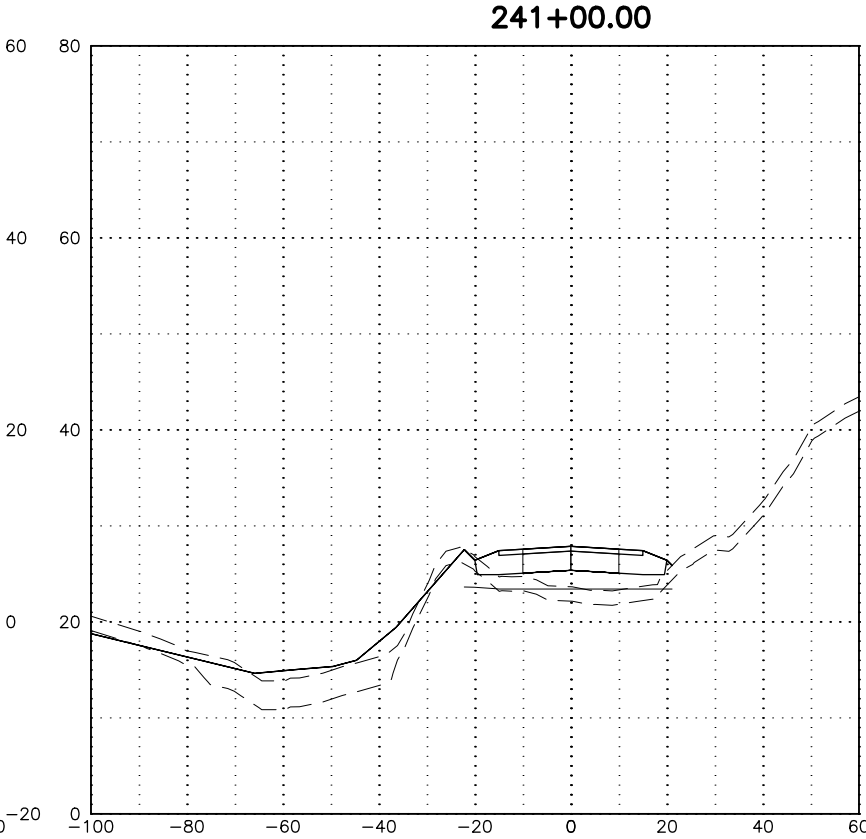
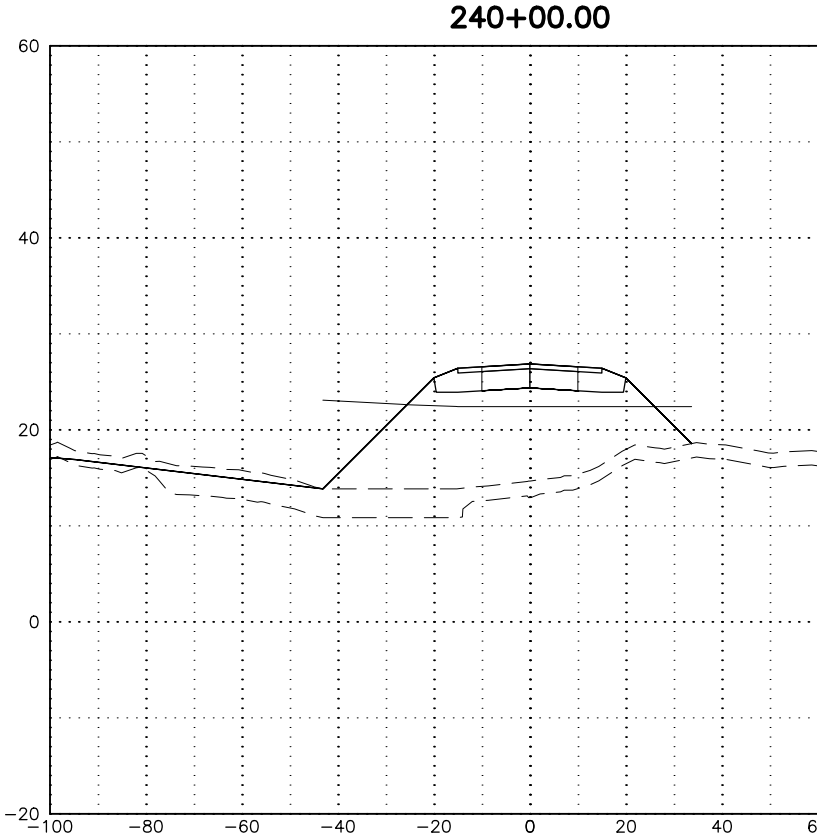
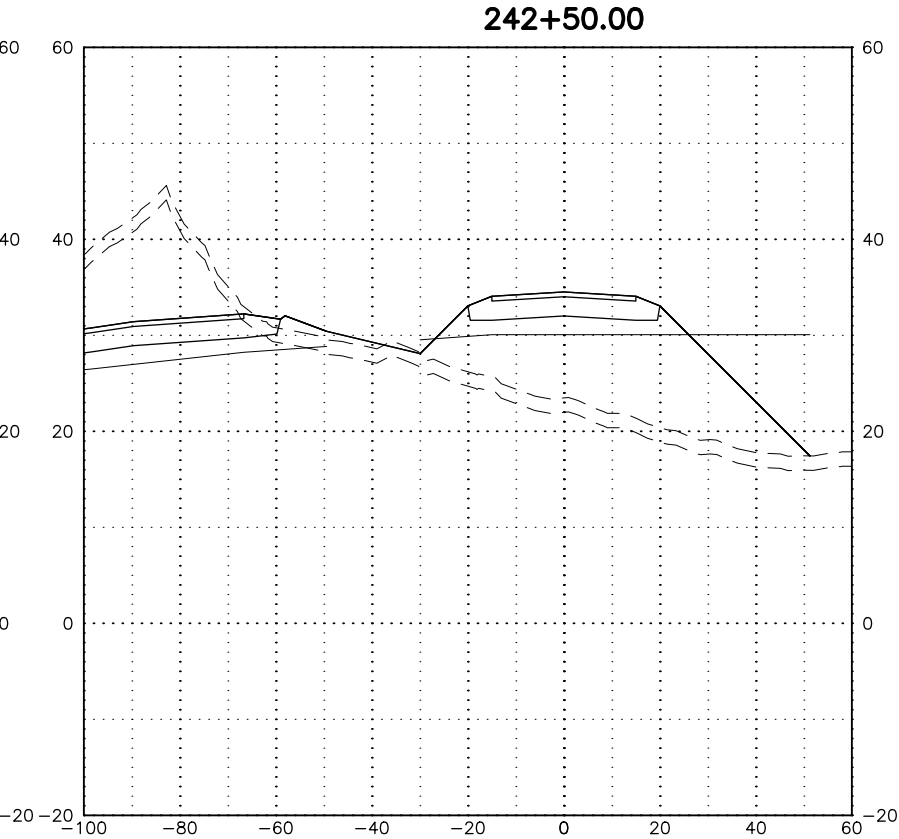
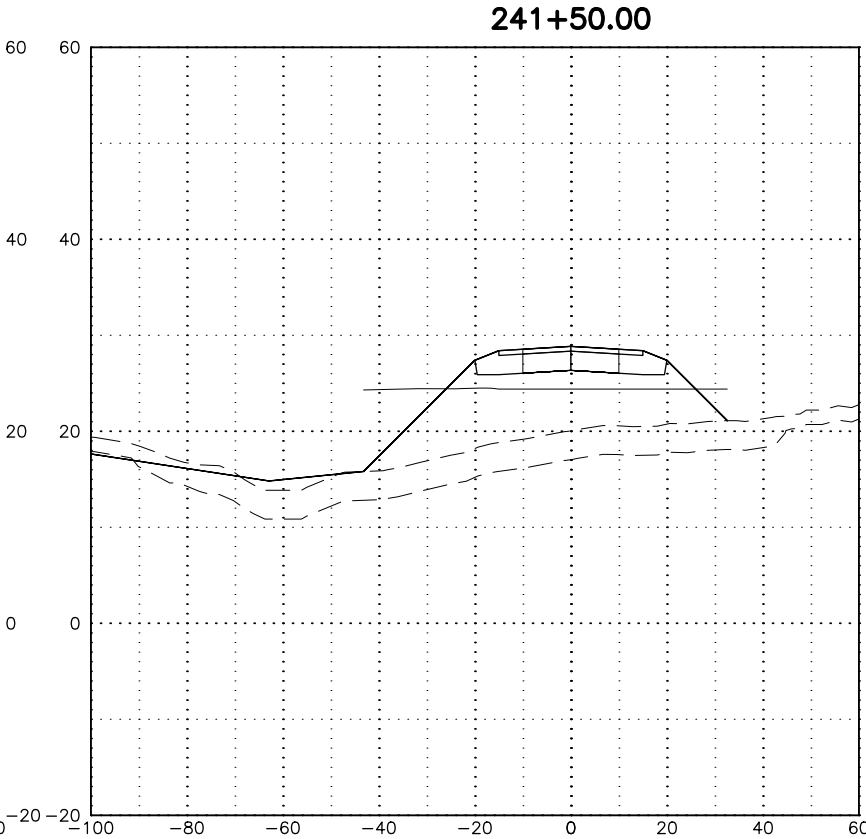
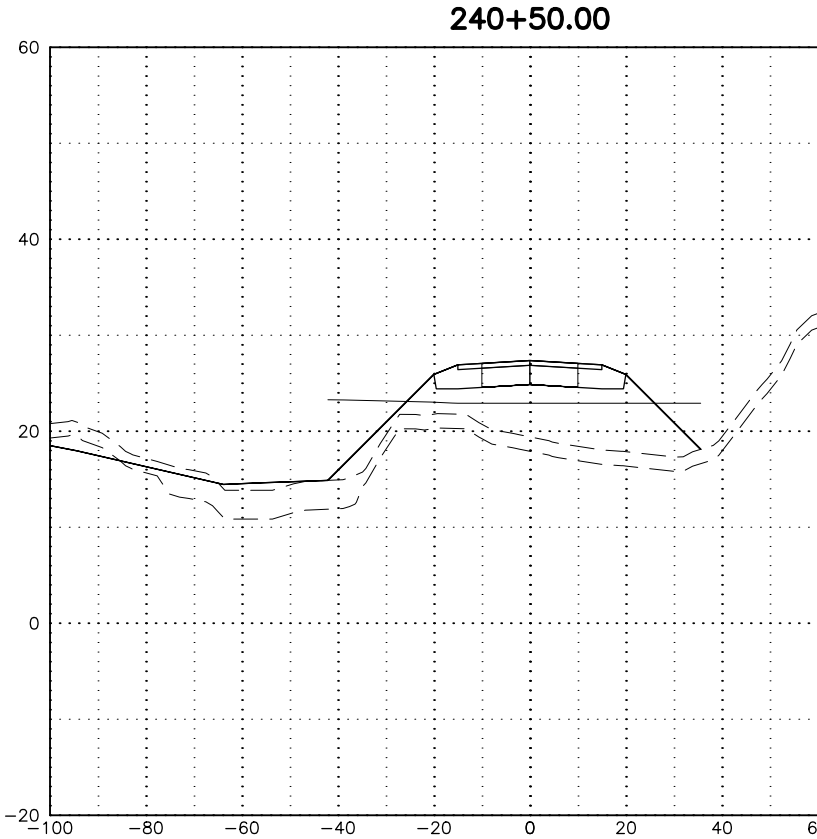
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE







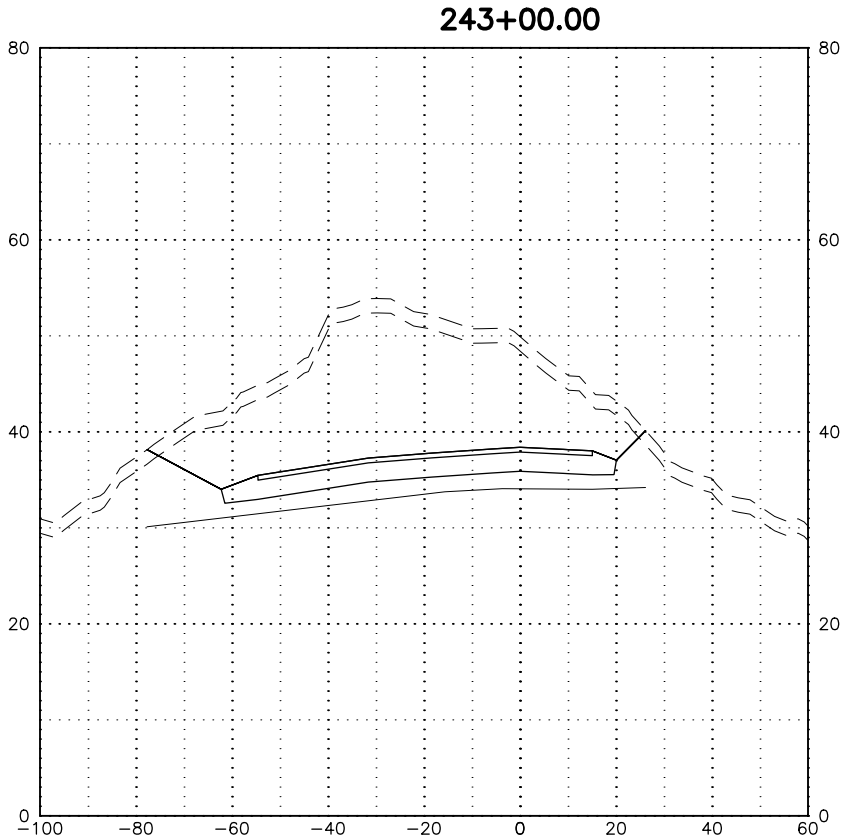
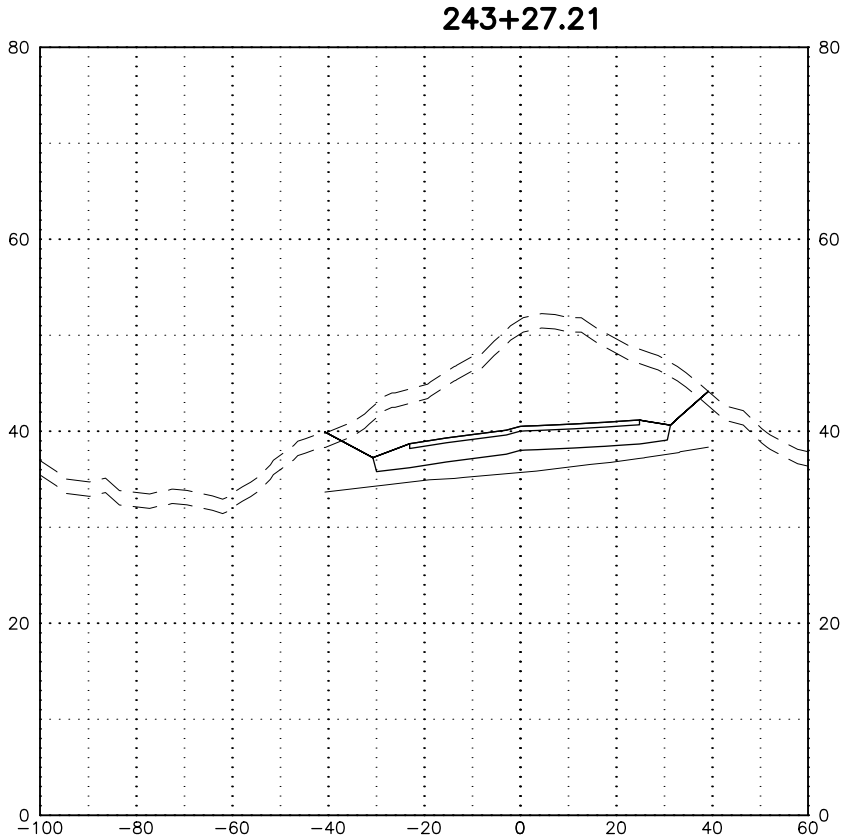
SHEET NO.	TOTAL SHEETS
X51	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



SHEET NO.	TOTAL SHEETS
X52	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

★49TH★

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

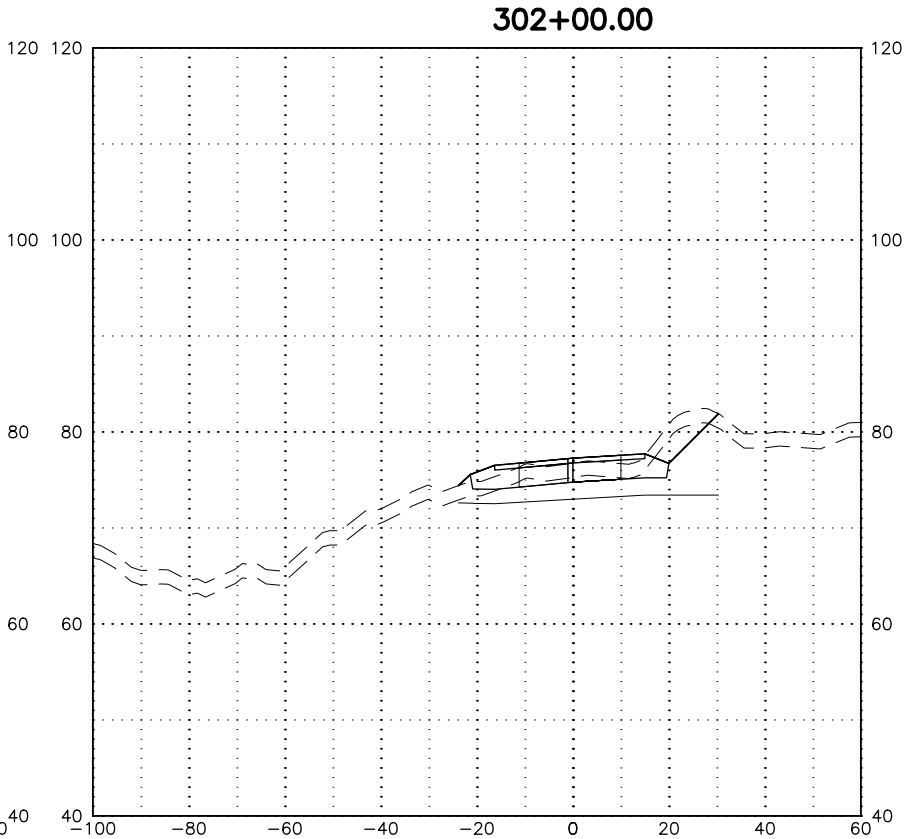
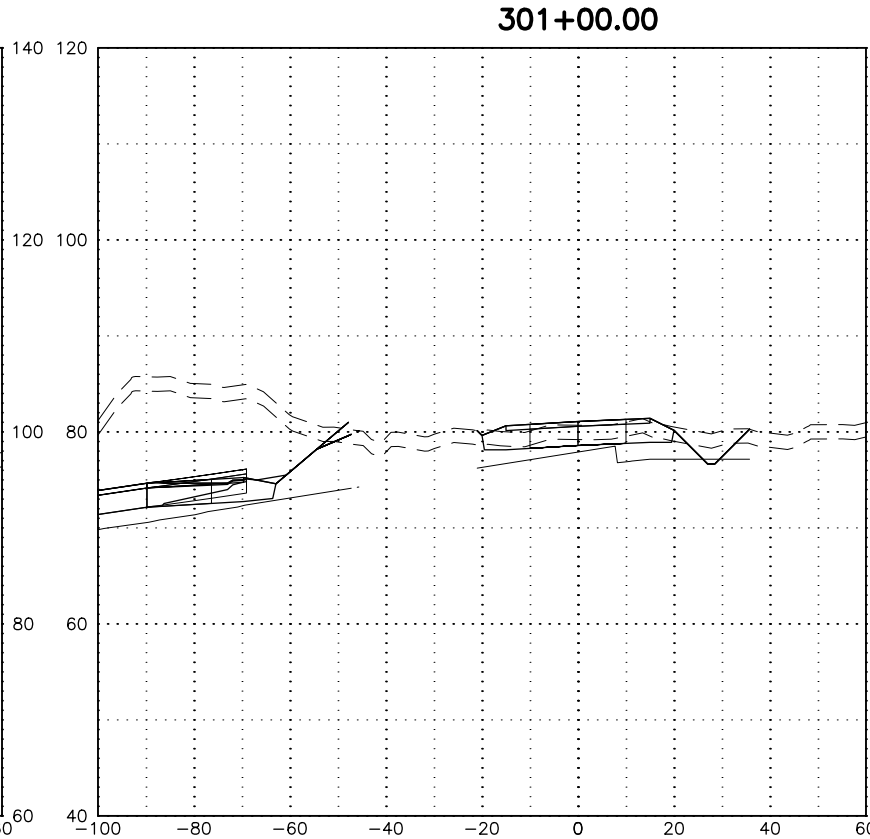
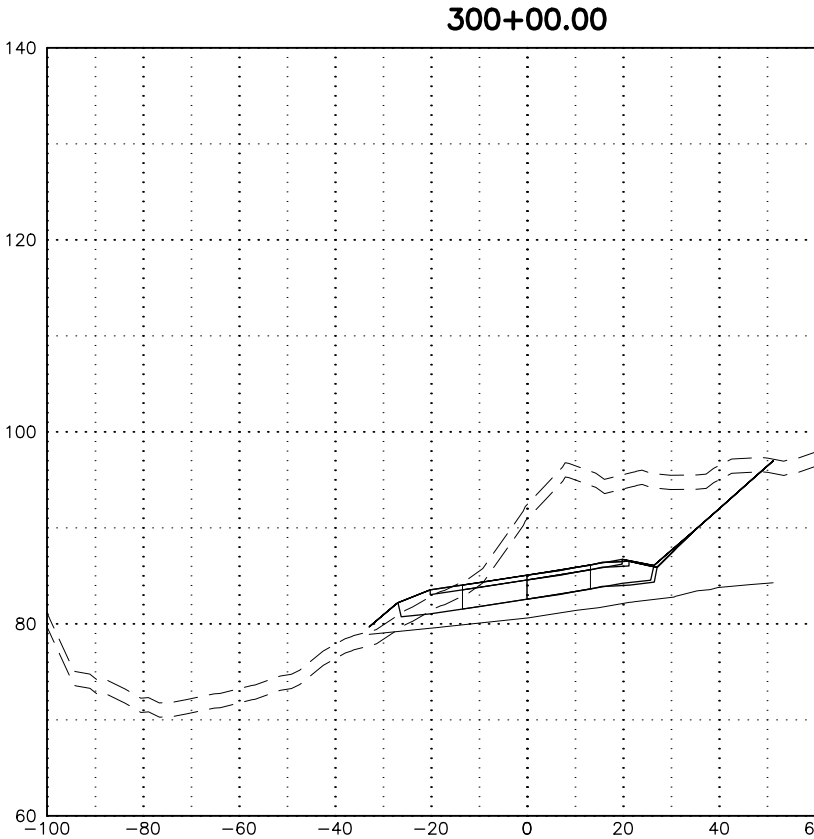
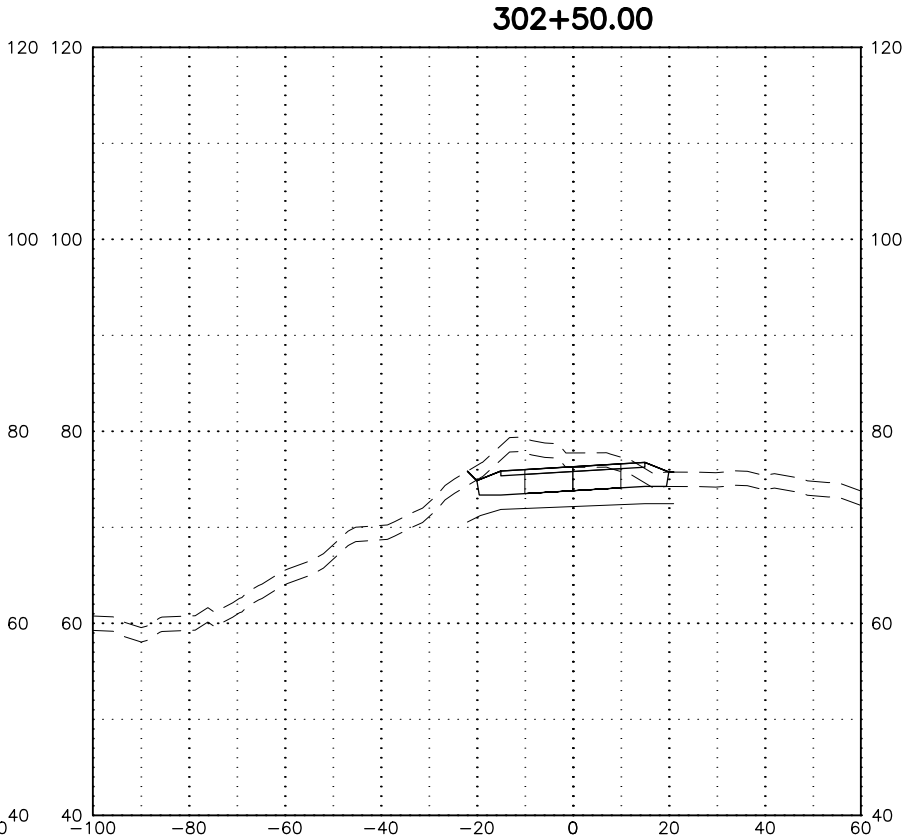
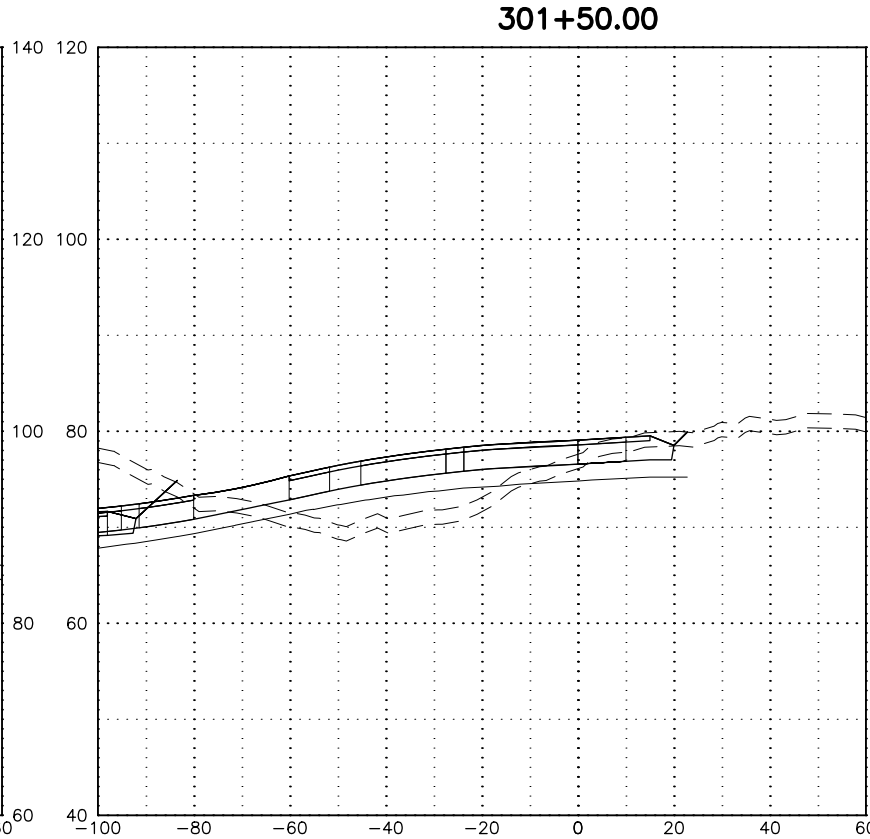
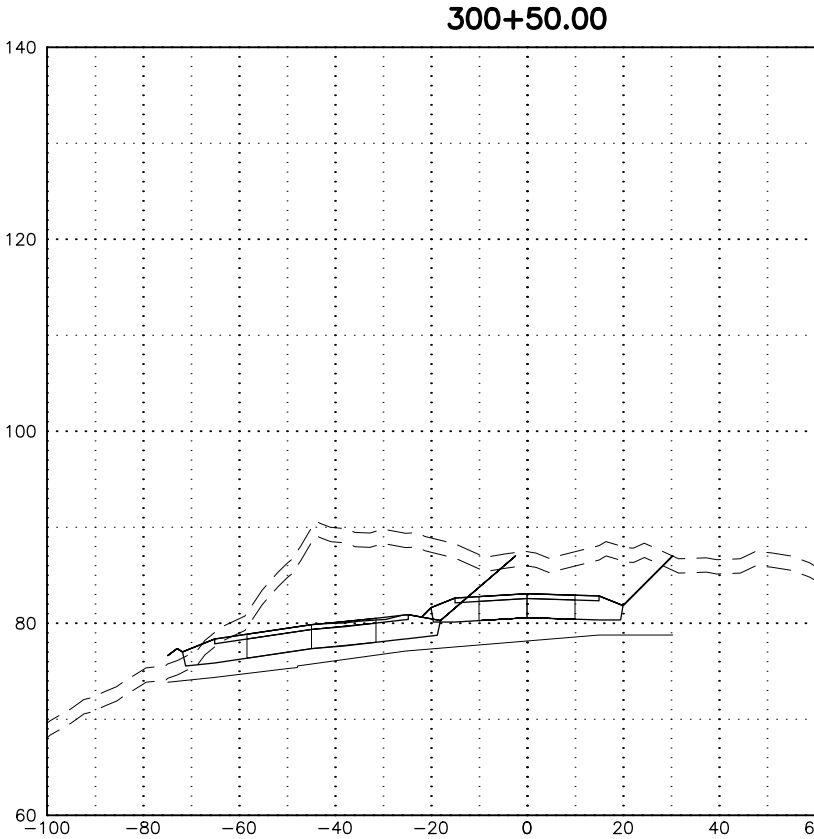
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

MAINLINE



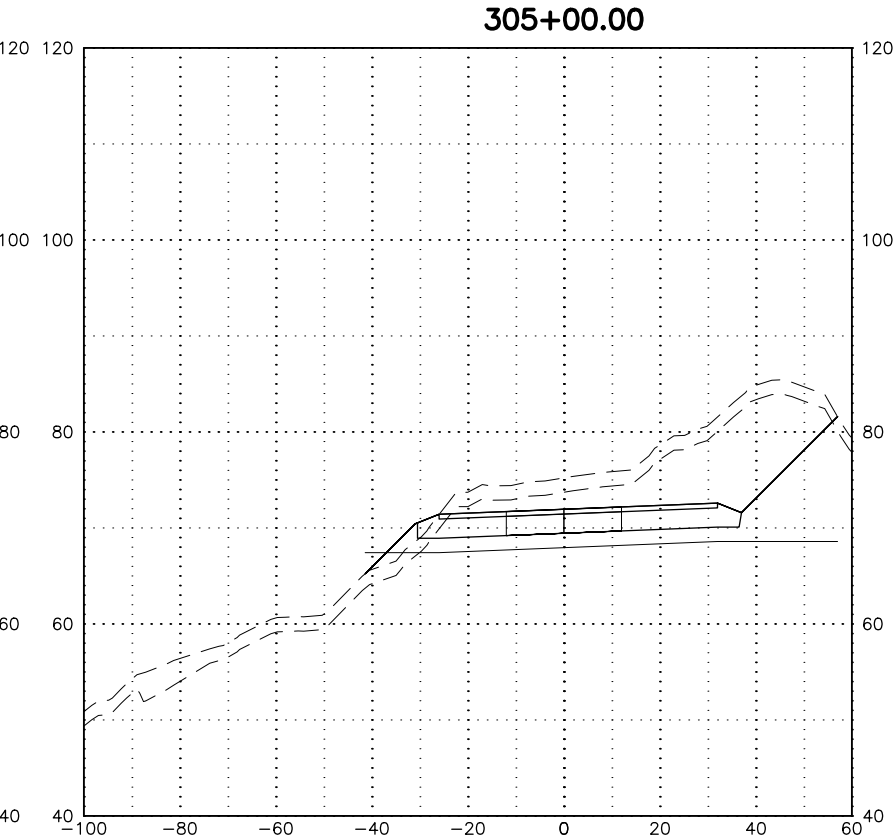
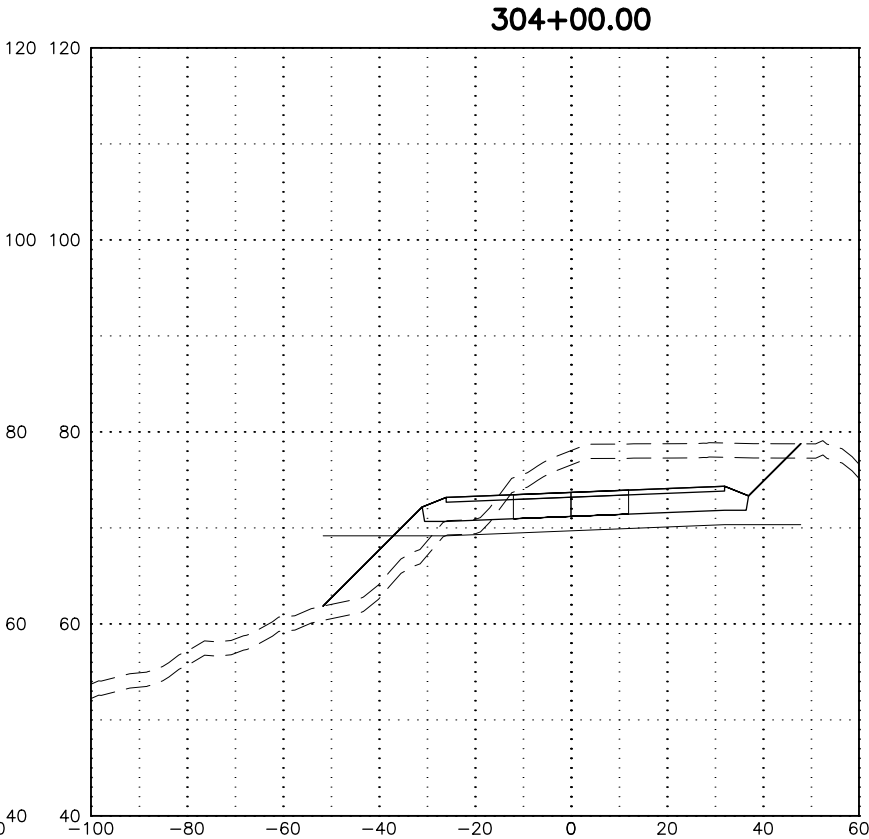
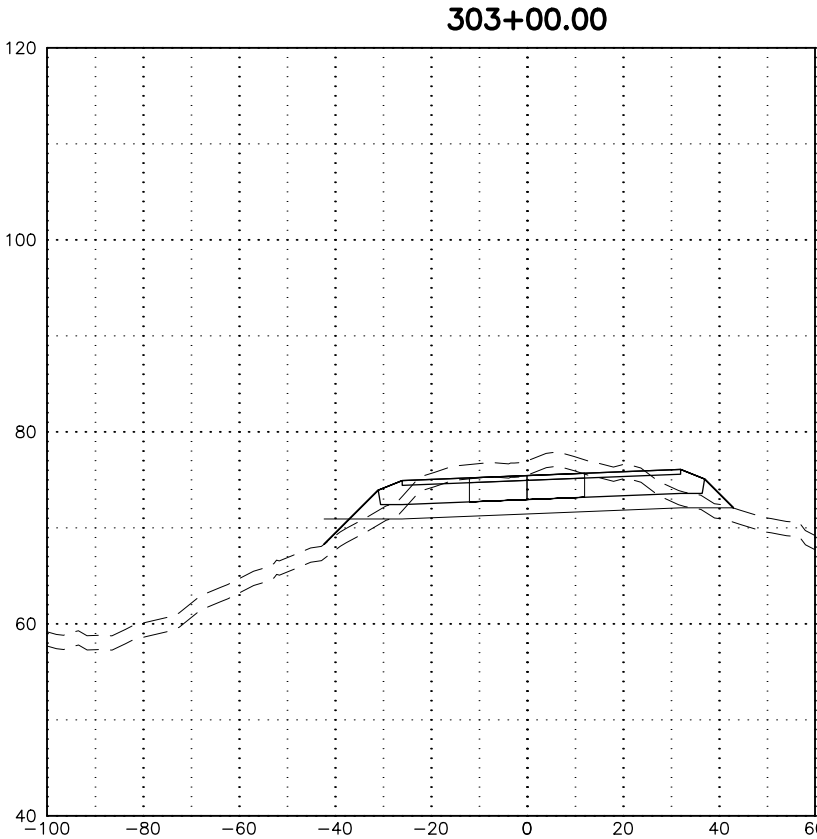
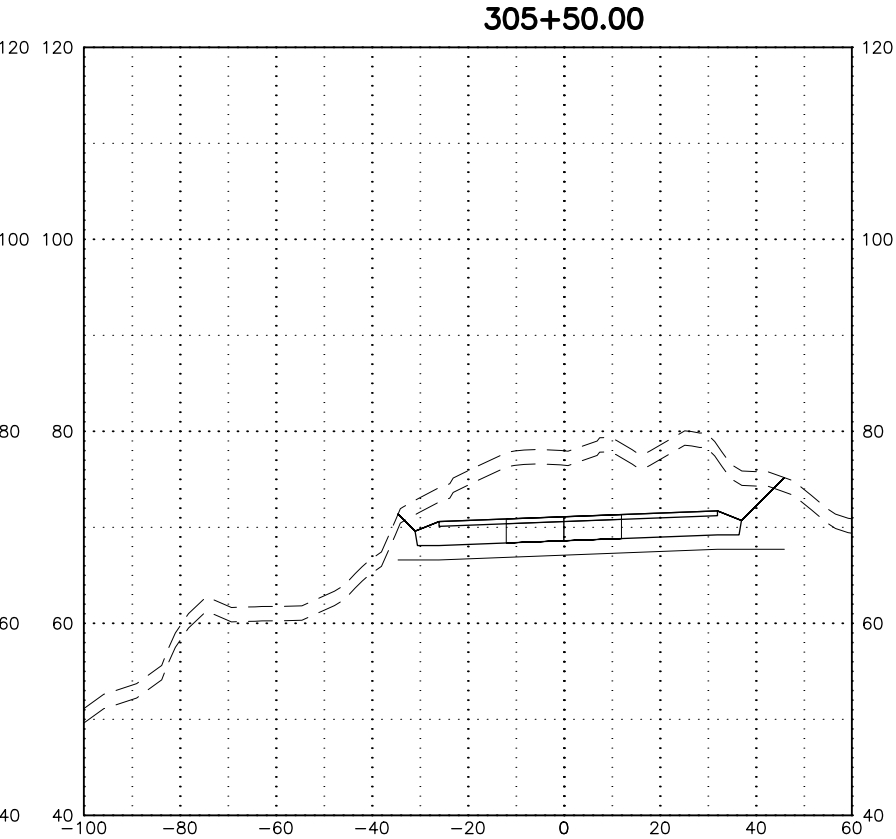
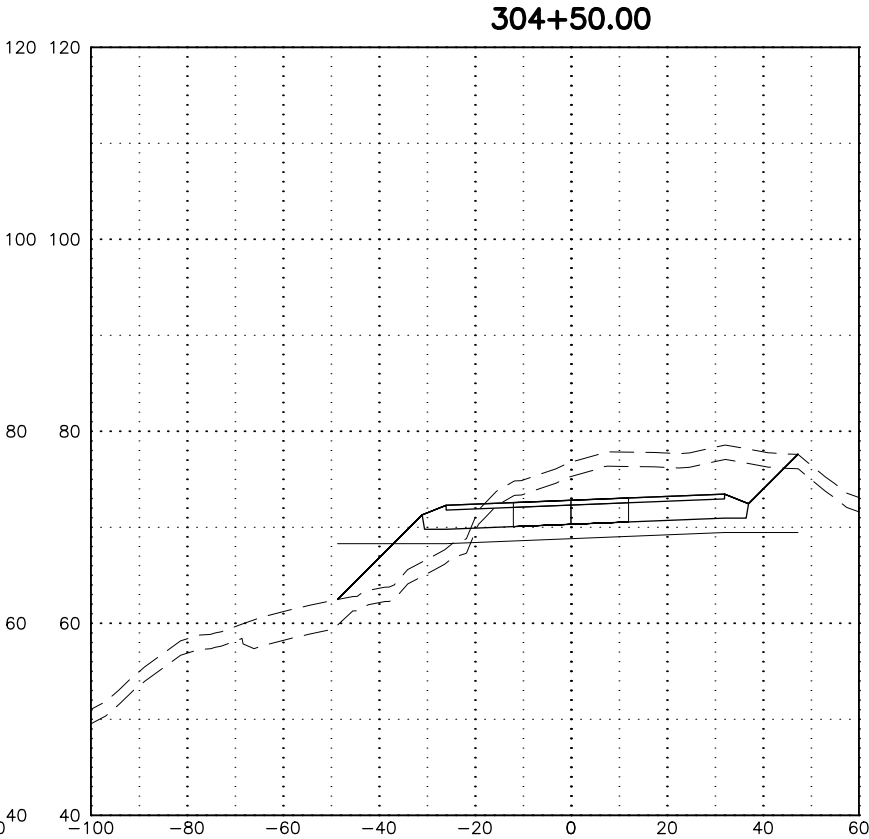
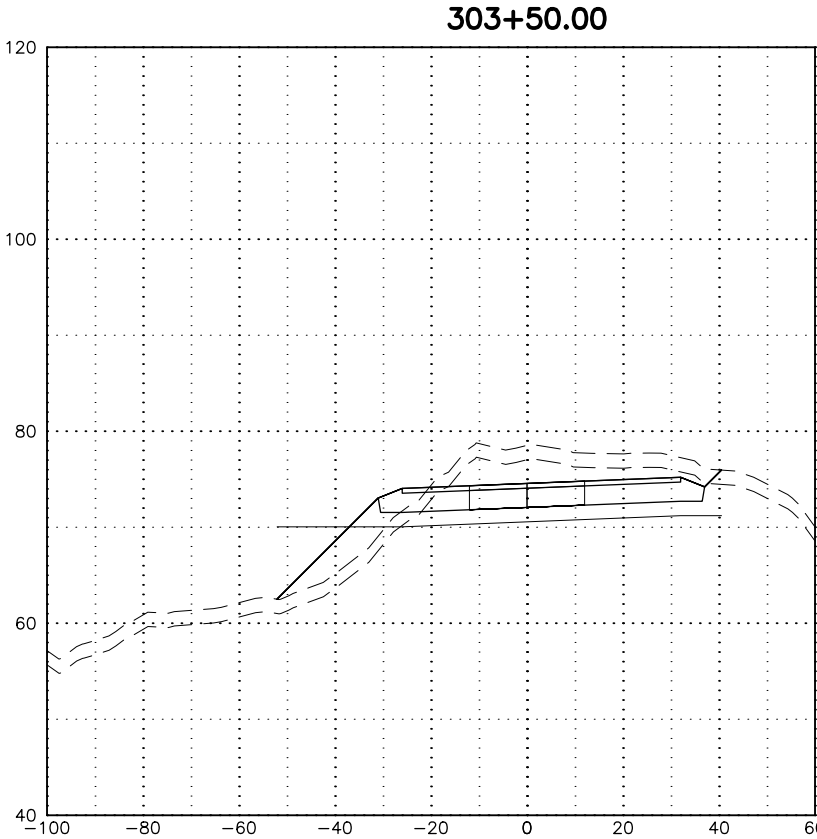
SHEET NO.	TOTAL SHEETS
X53	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



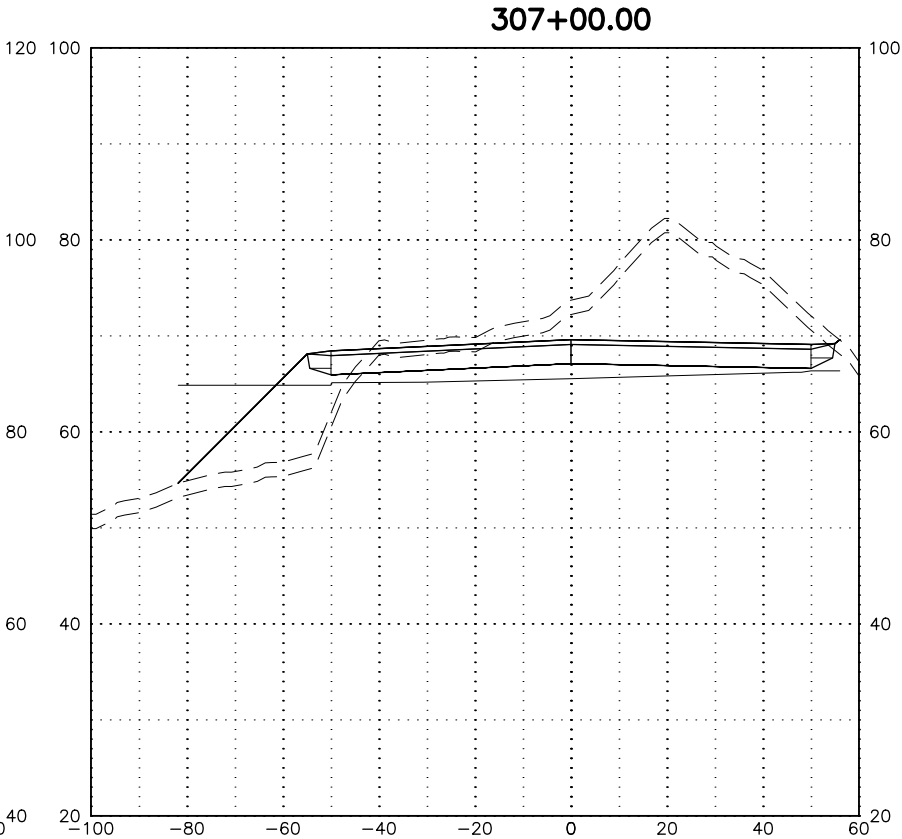
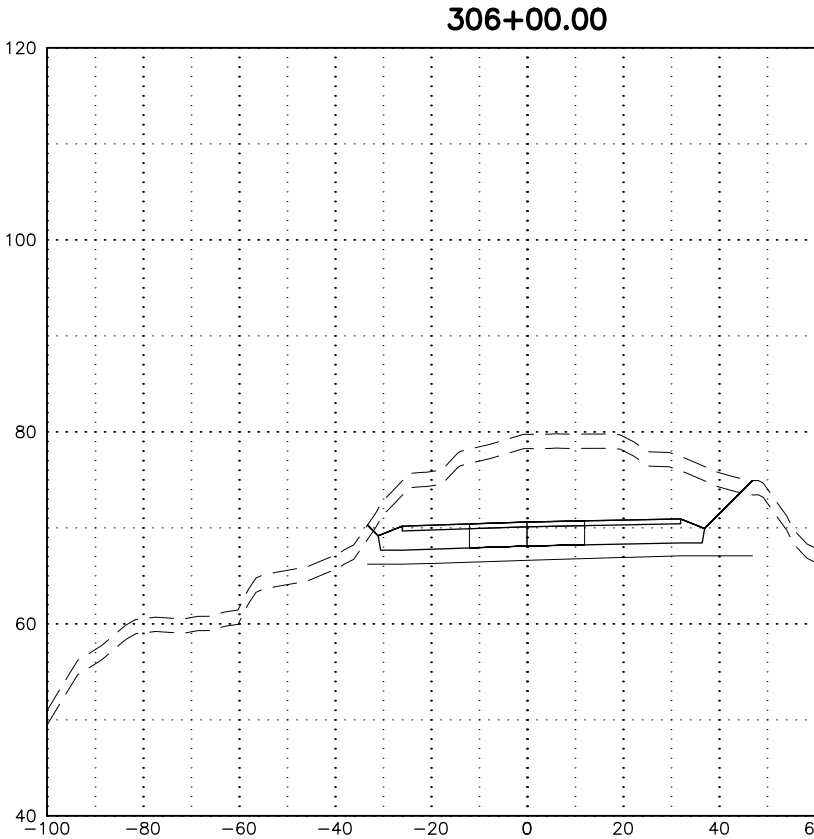
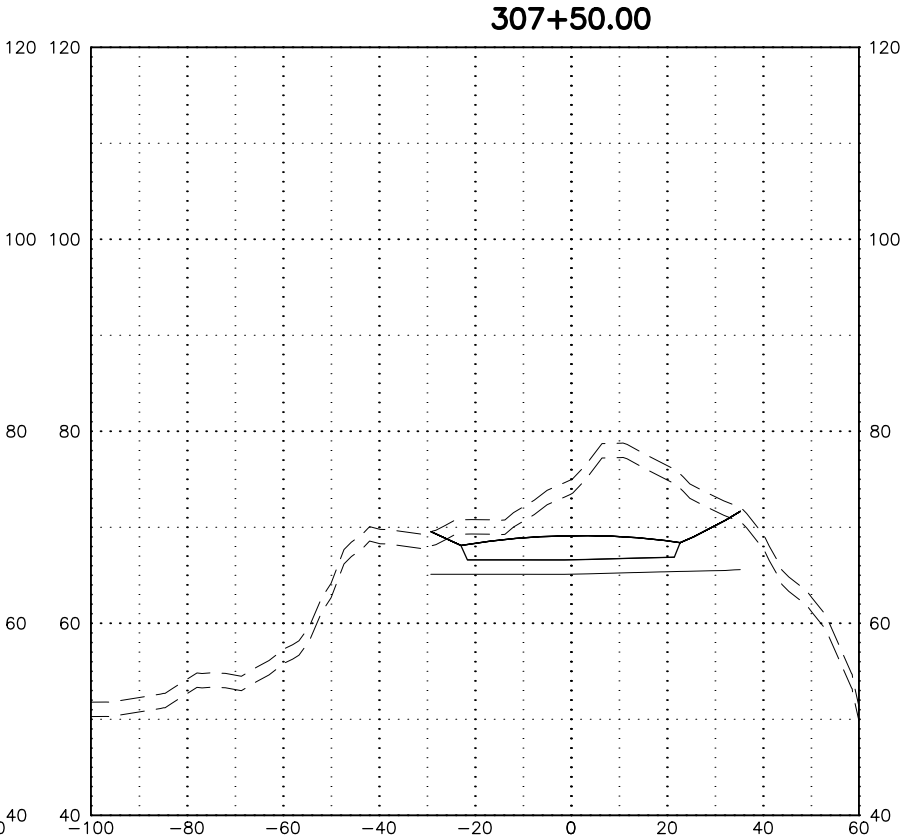
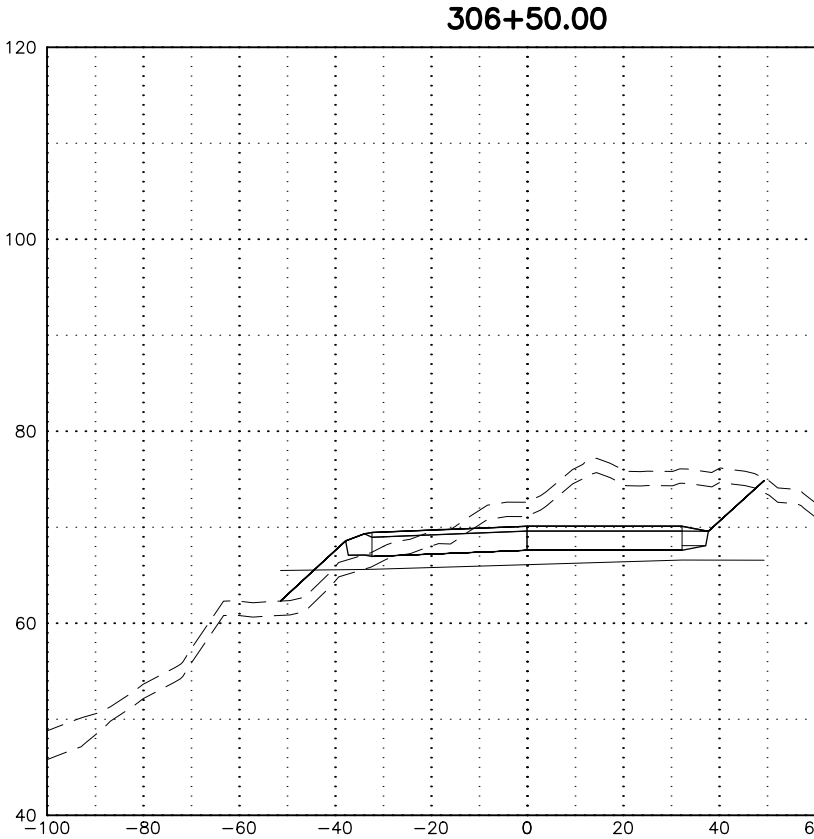
SHEET NO.	TOTAL SHEETS
X54	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
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(907) 562-3252
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CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE



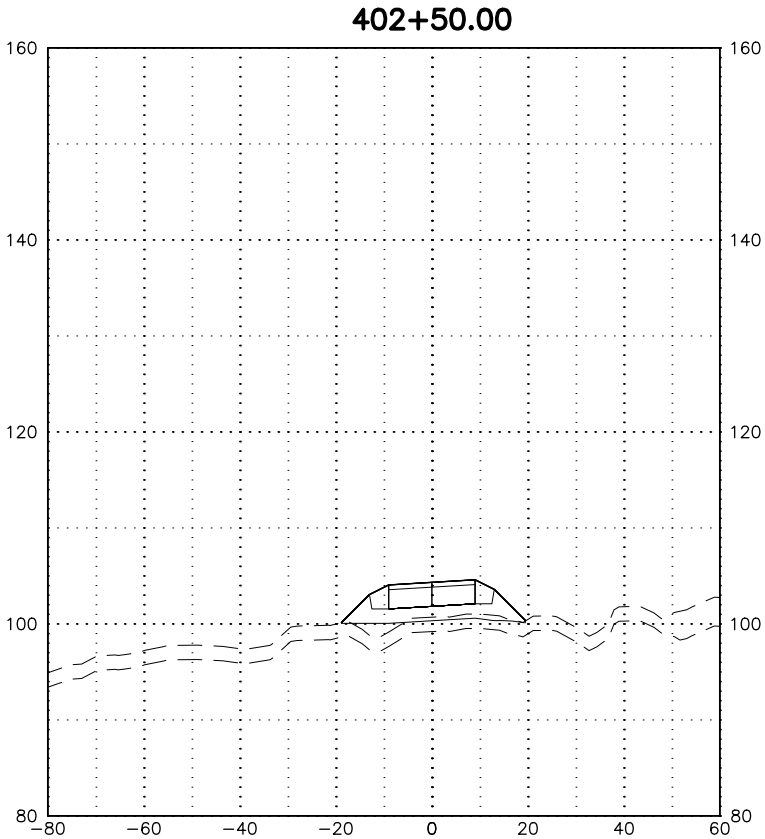
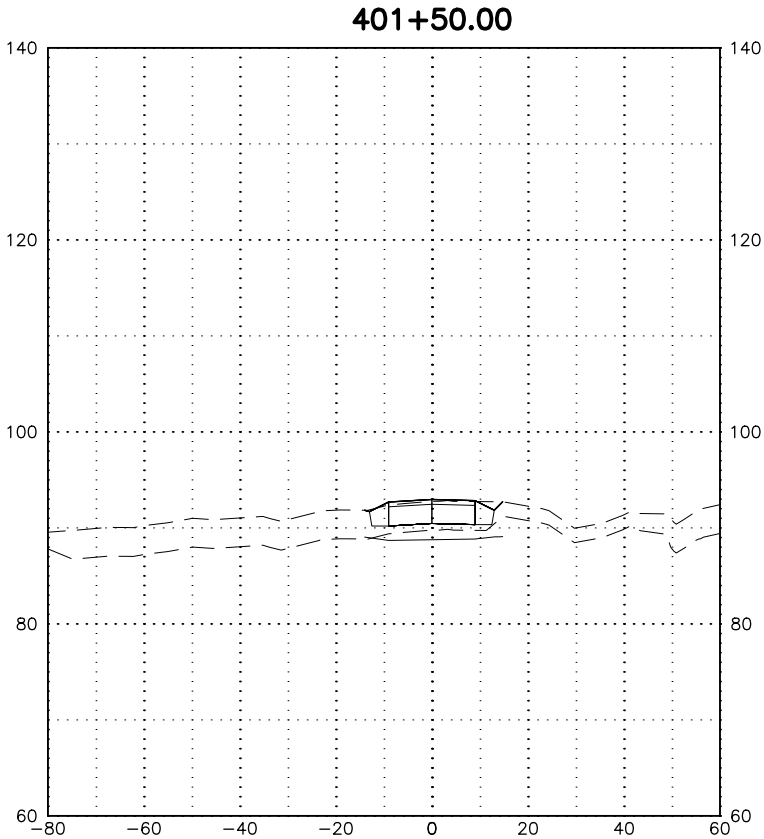
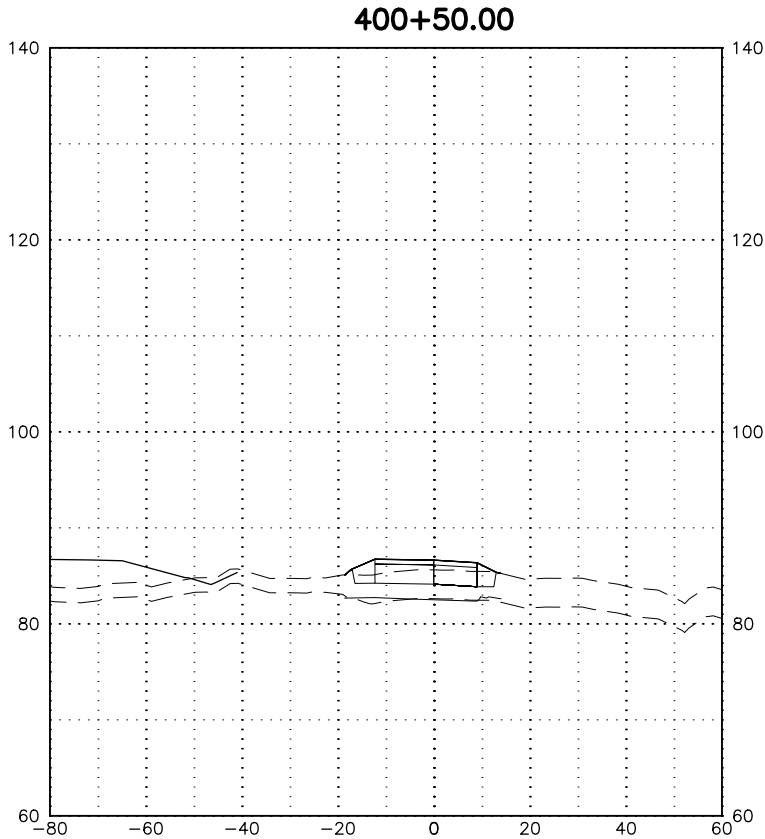
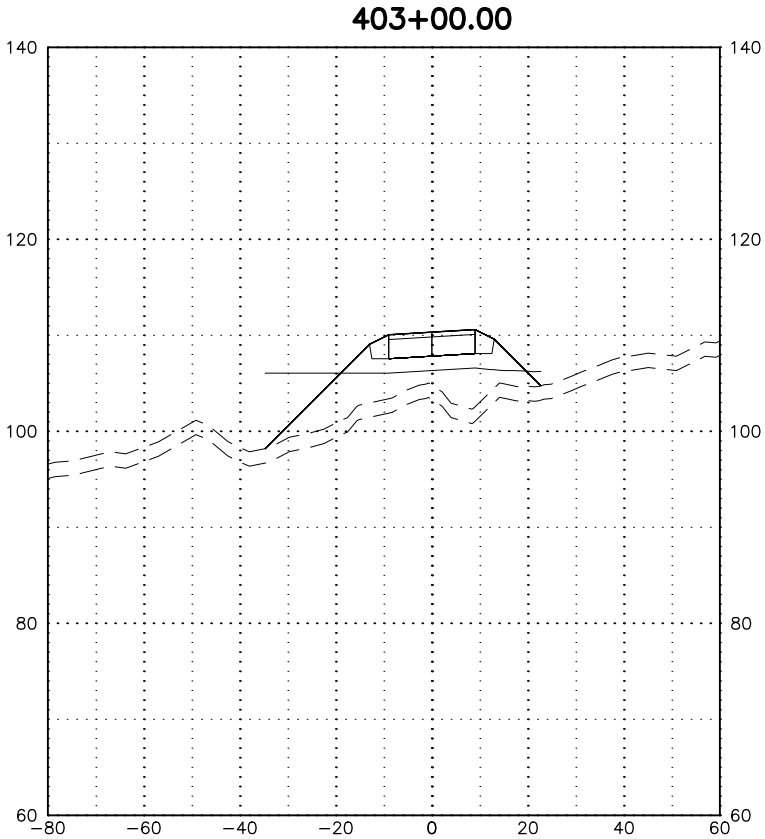
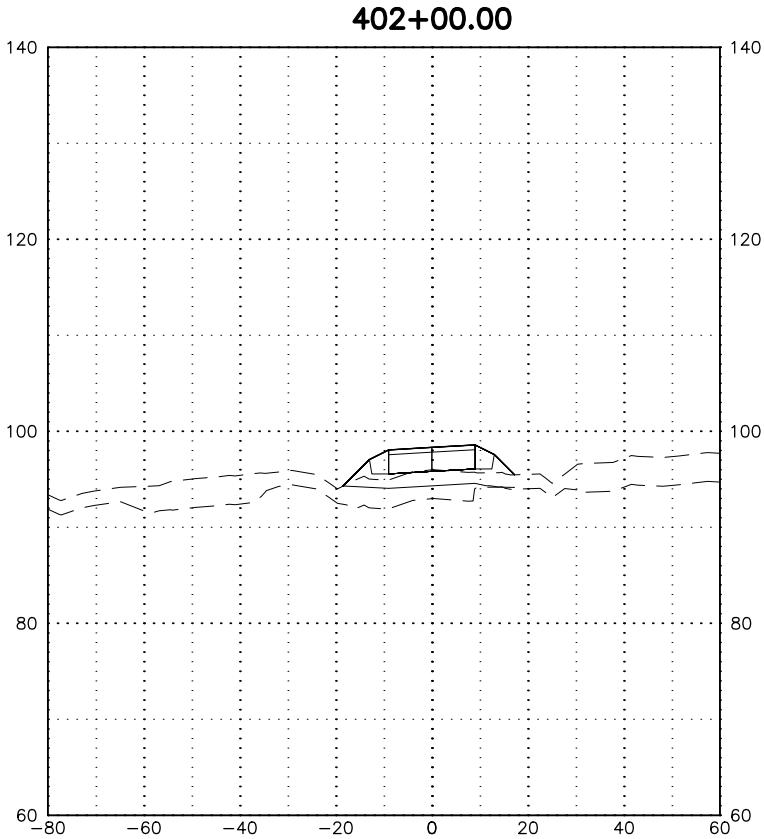
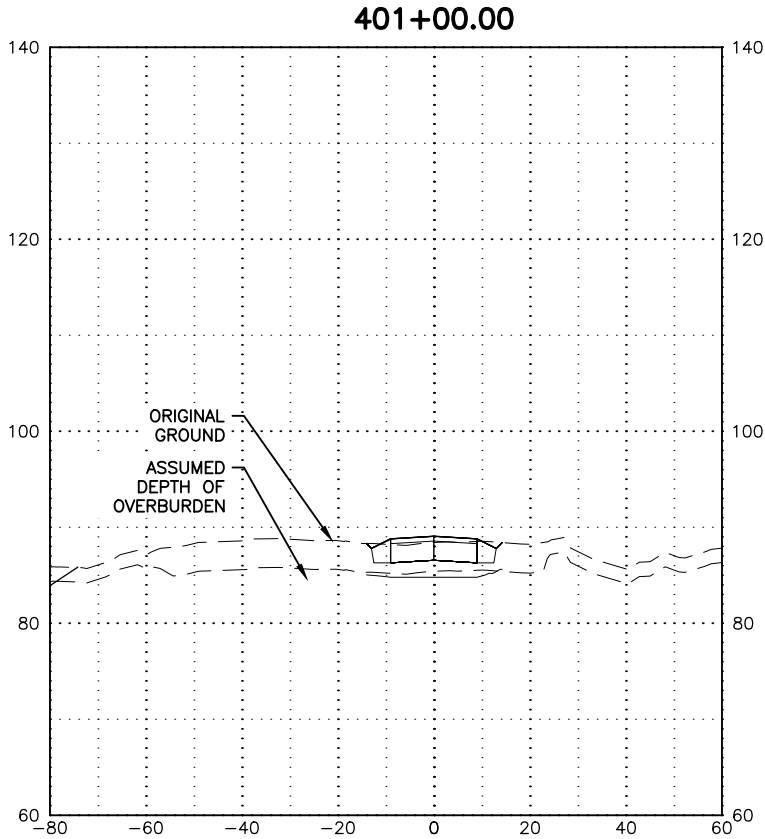
SHEET NO.	TOTAL SHEETS
X55	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

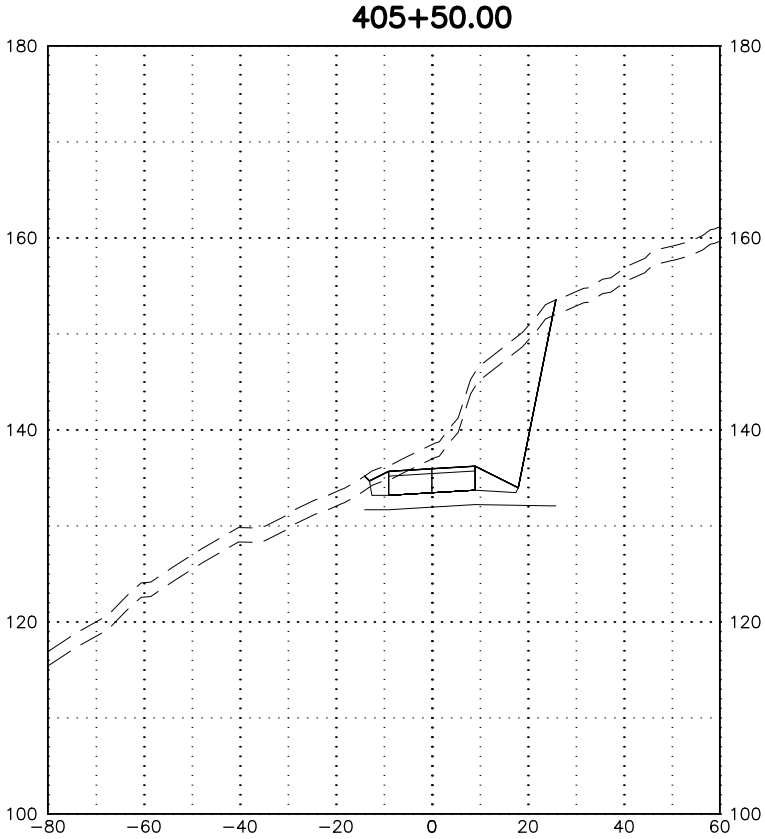
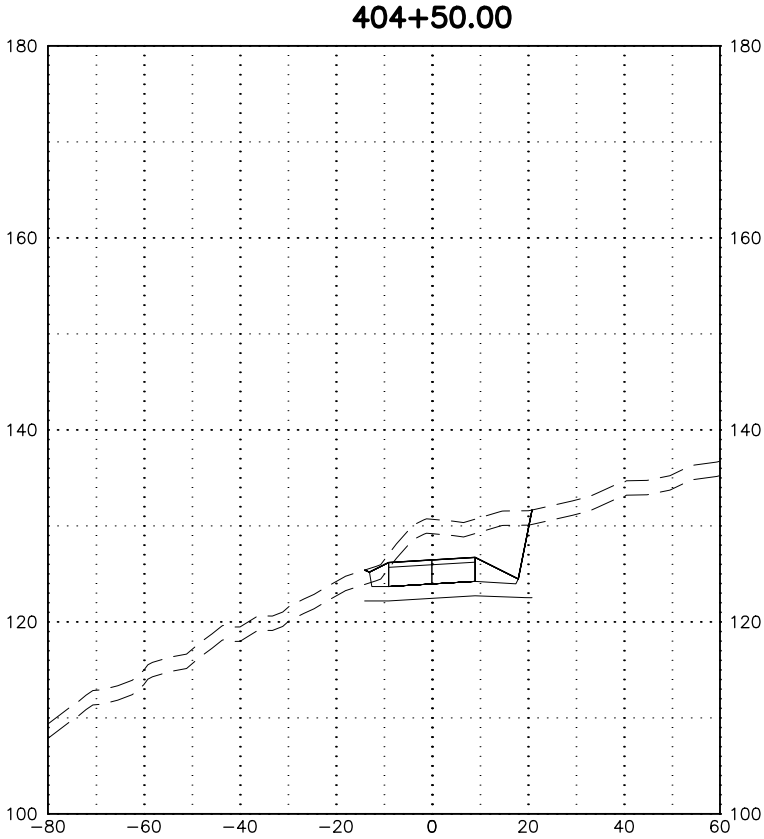
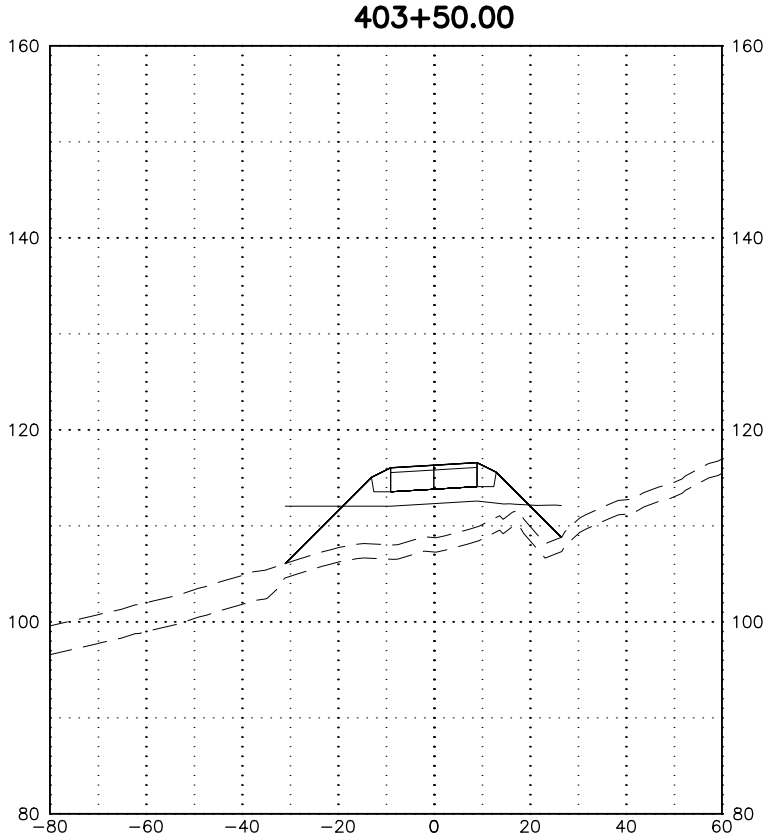
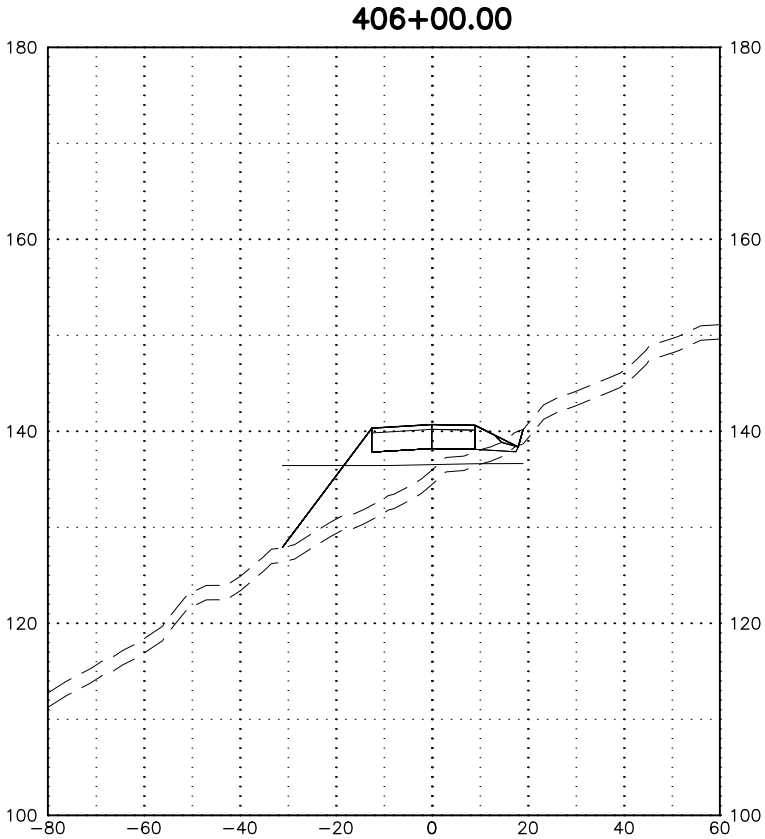
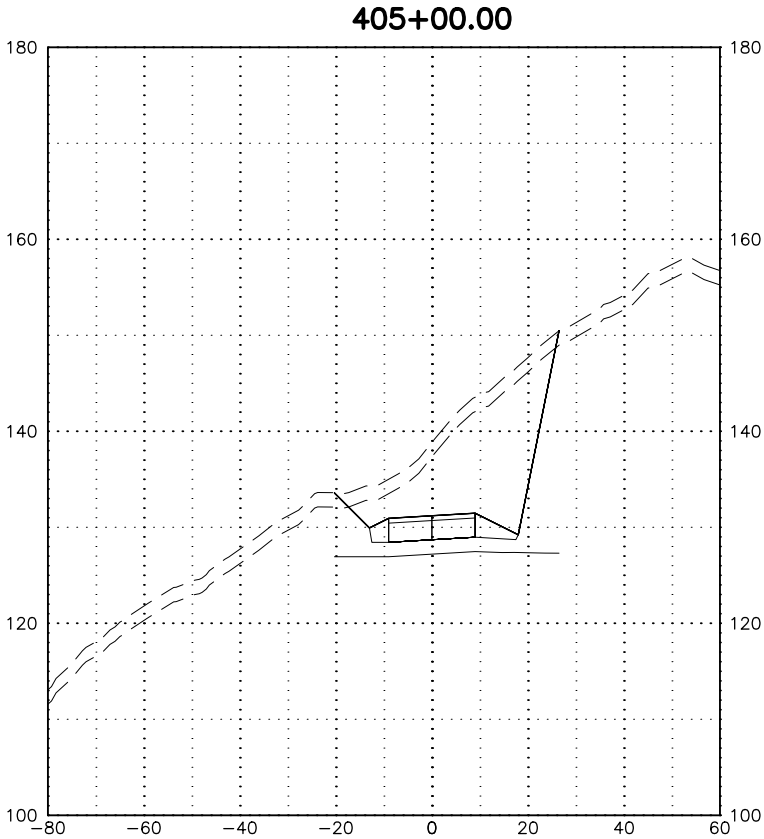
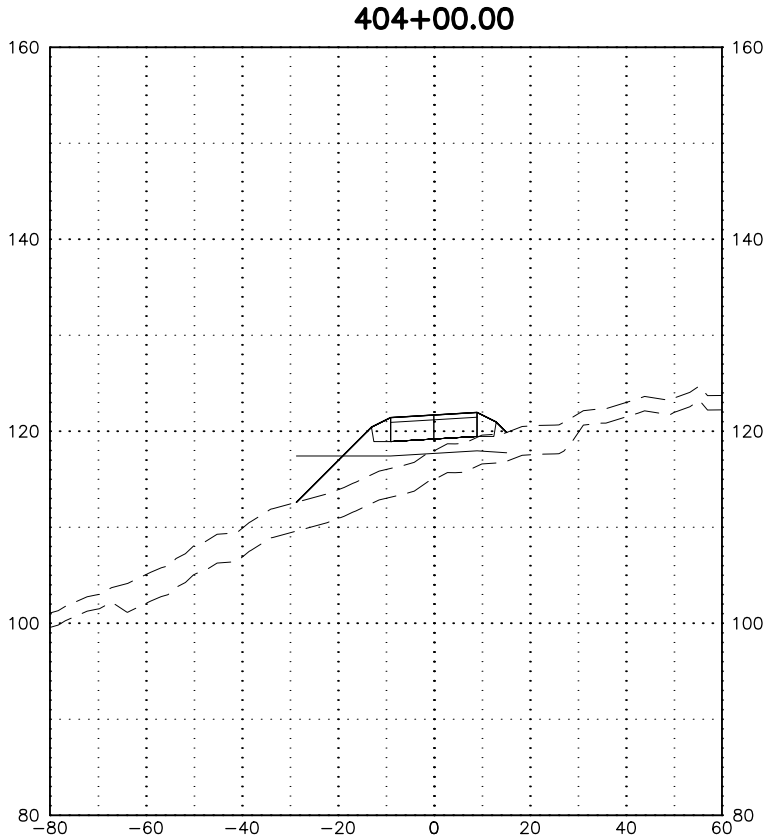


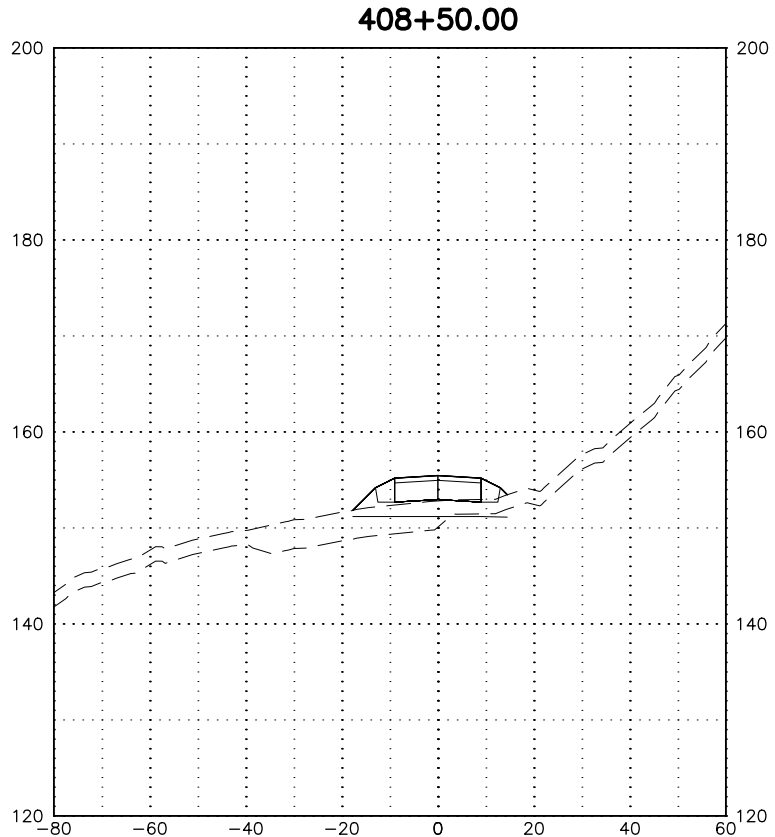
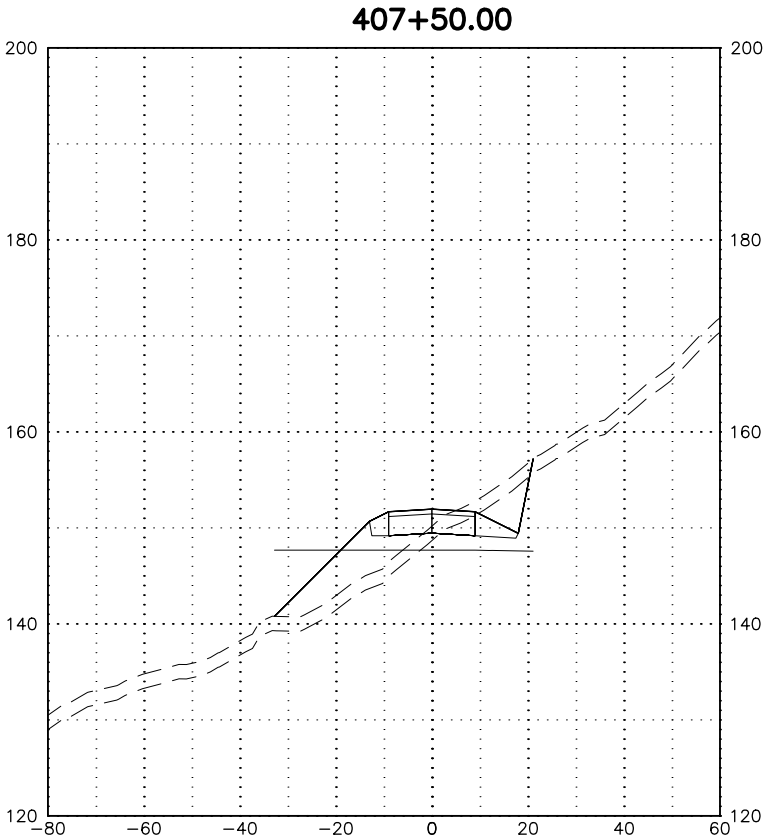
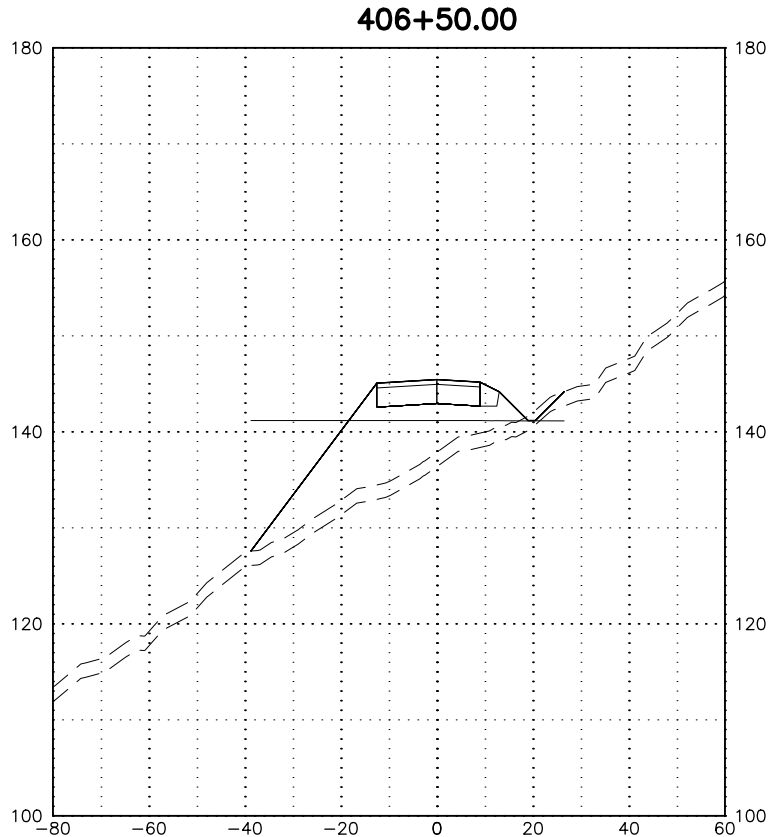
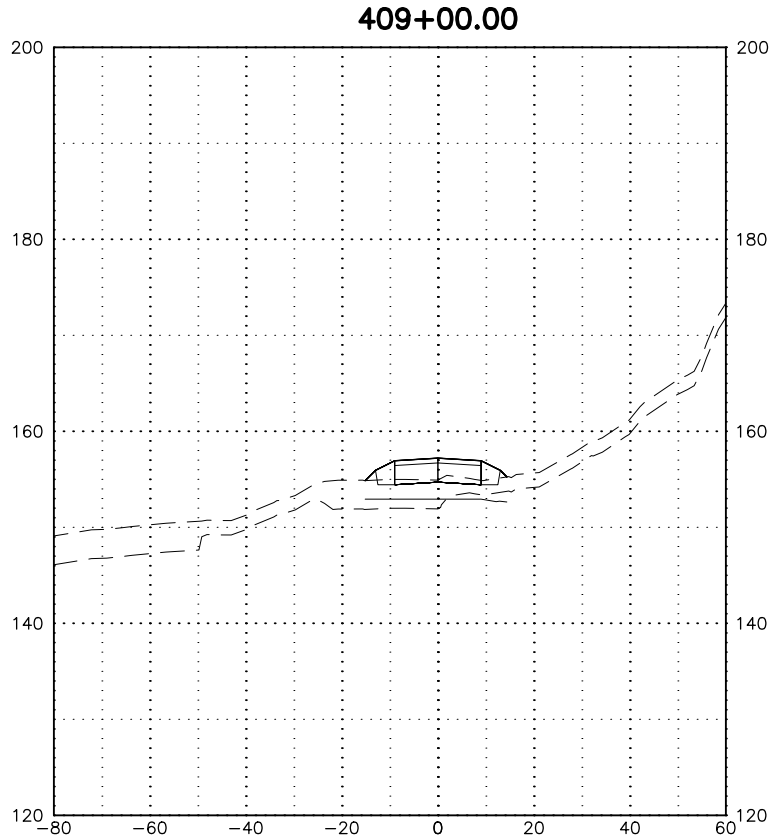
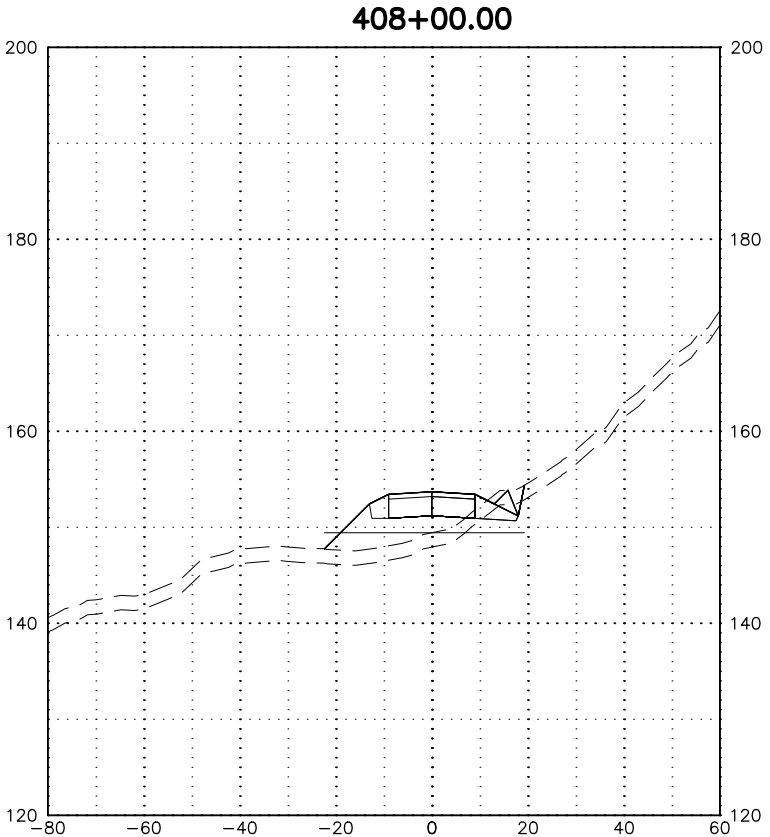
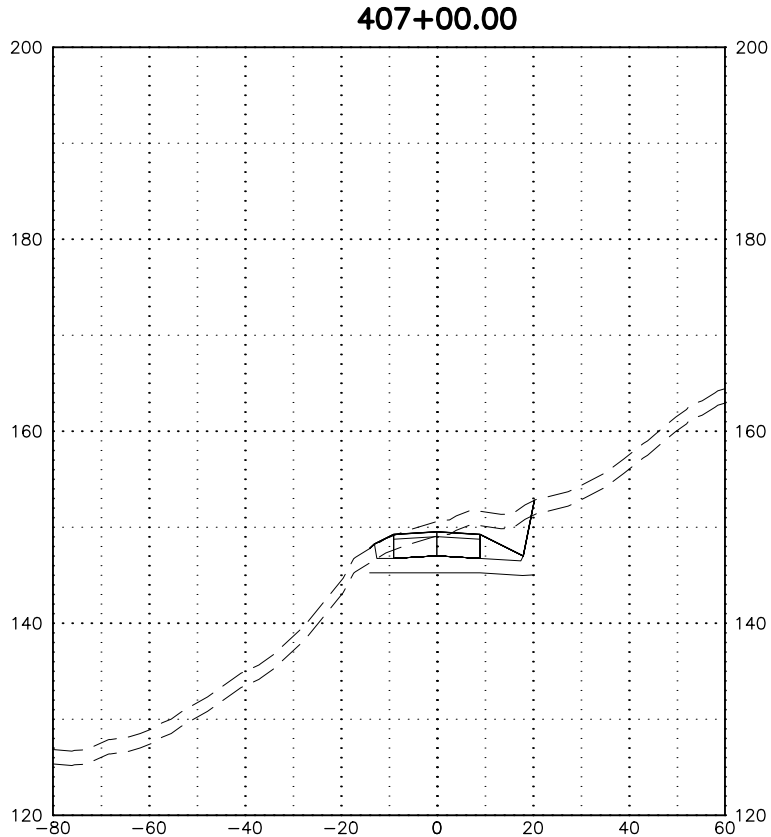
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
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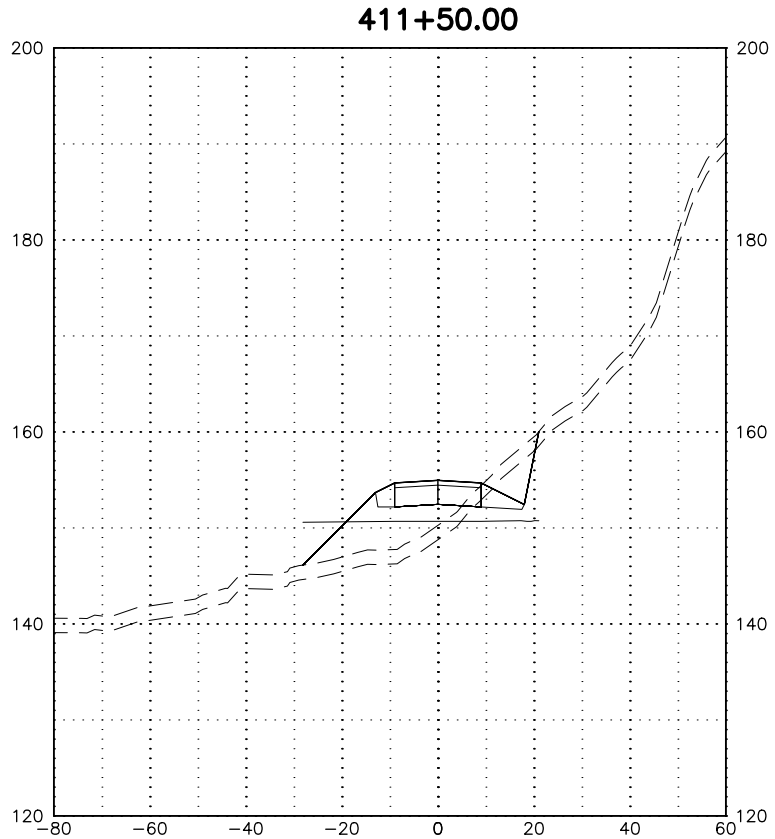
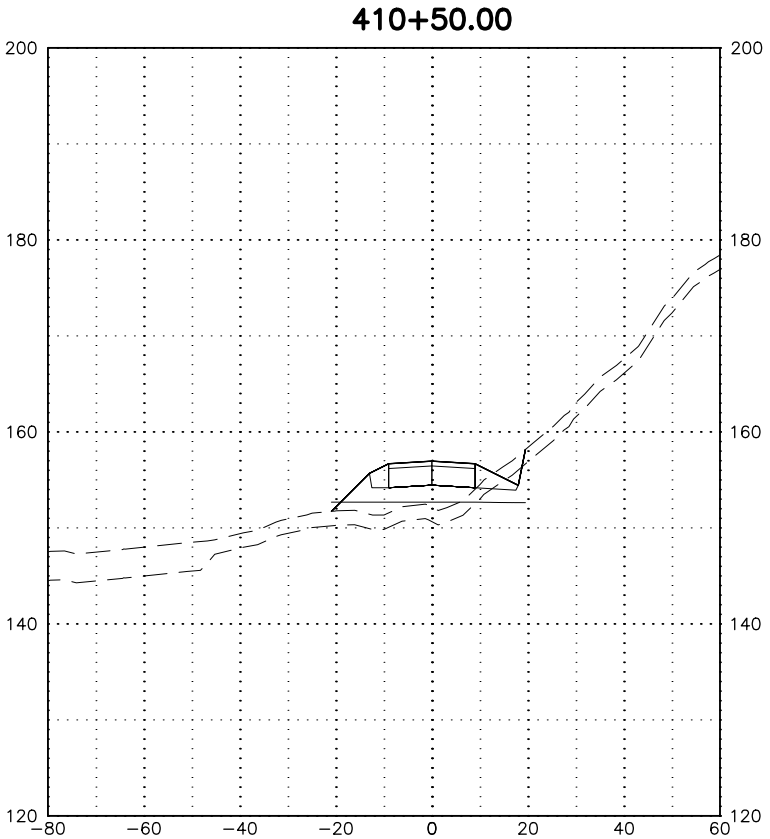
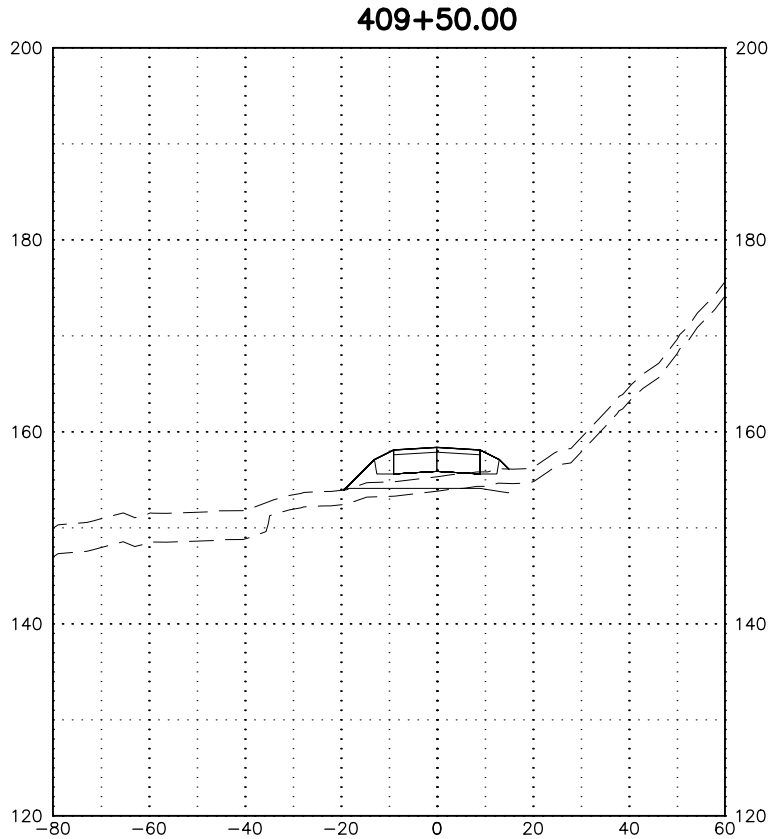
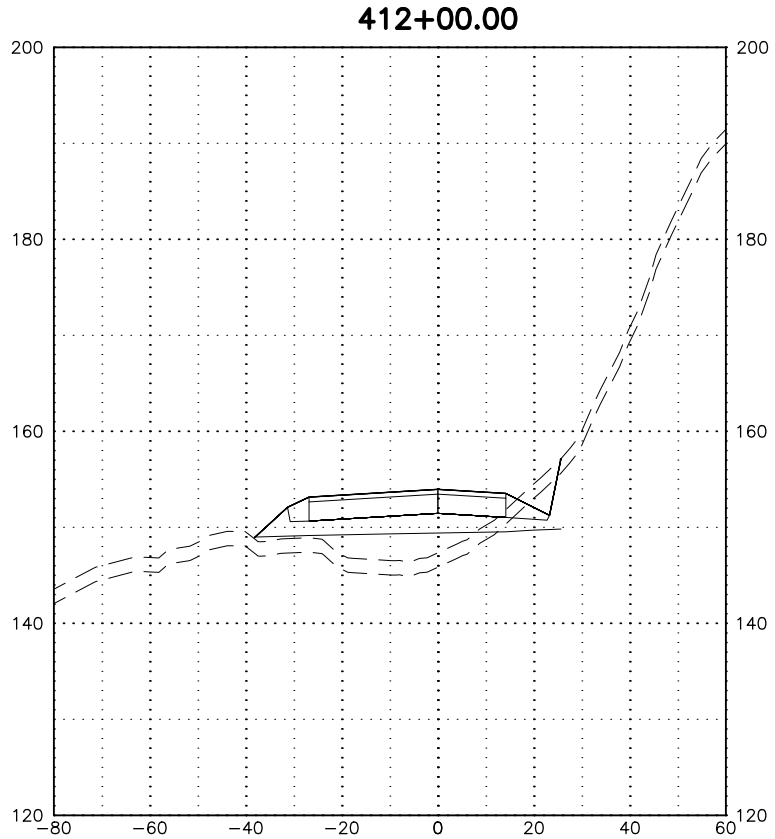
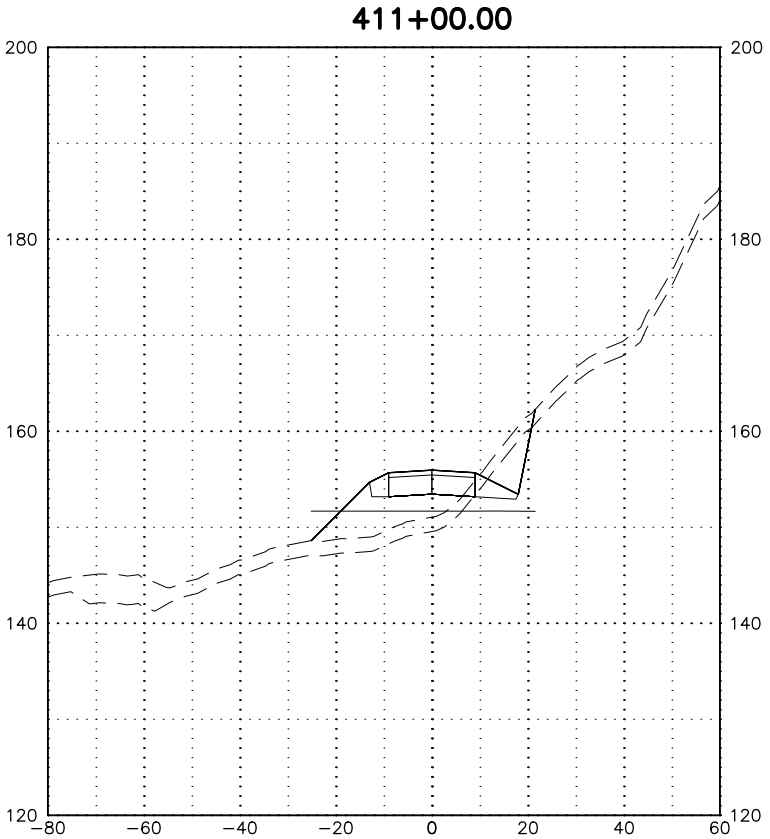
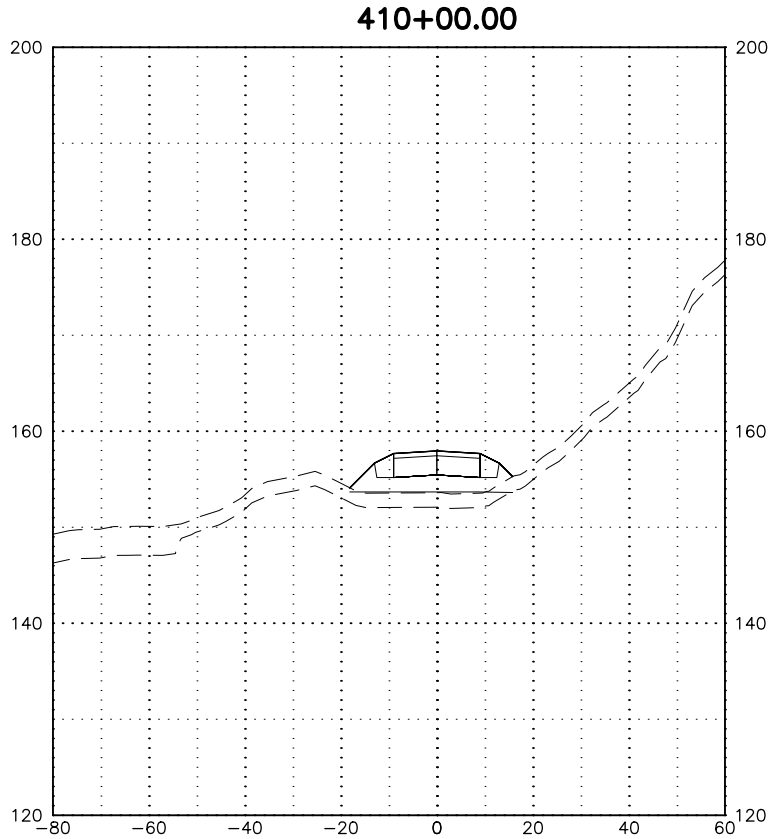
CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5
CROSS SECTIONS
MAINLINE









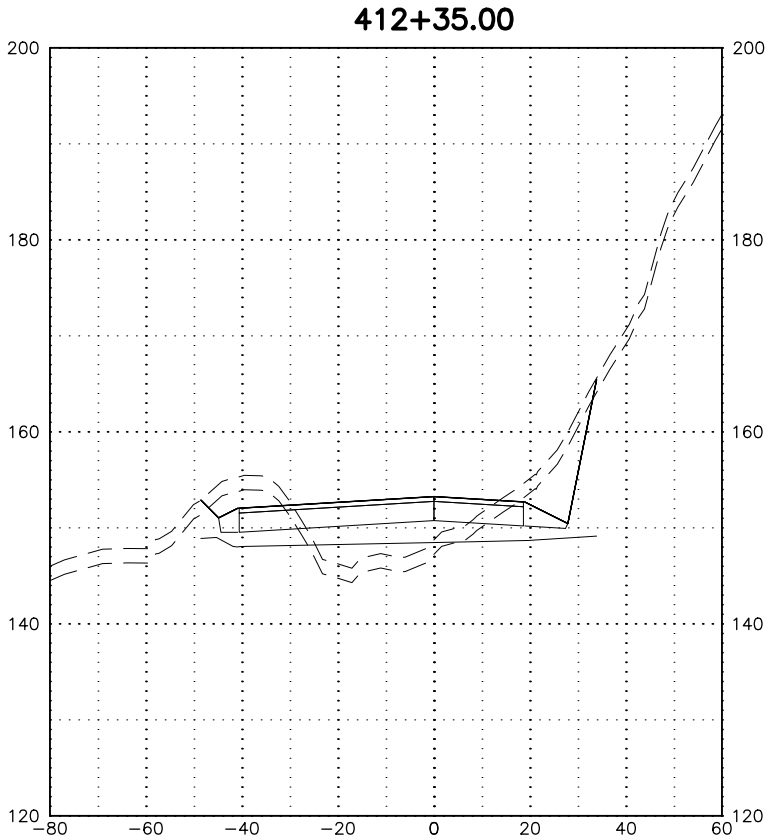
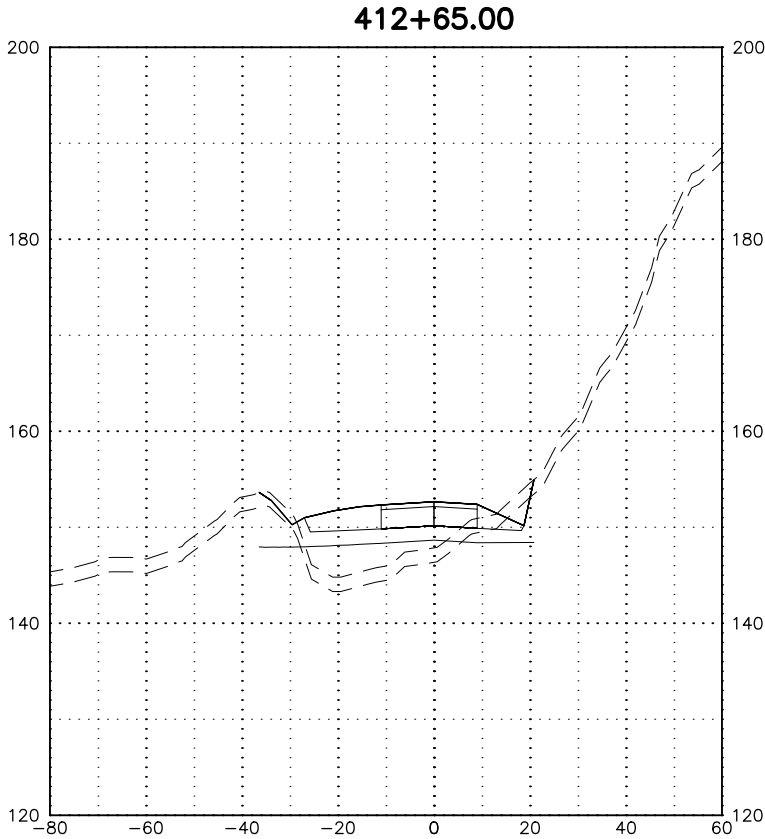
SHEET NO.	TOTAL SHEETS
X59	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

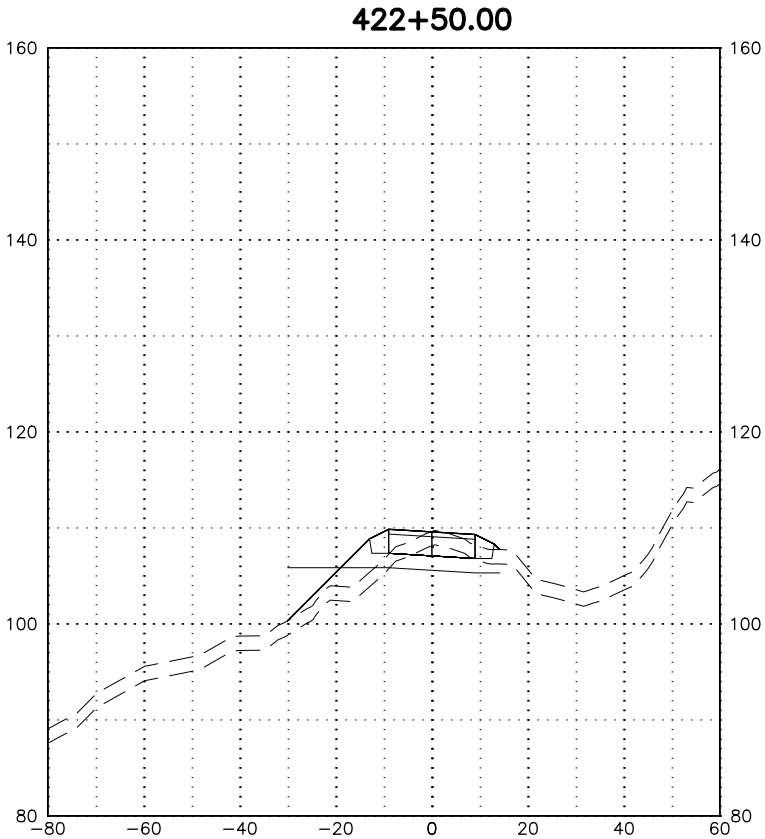
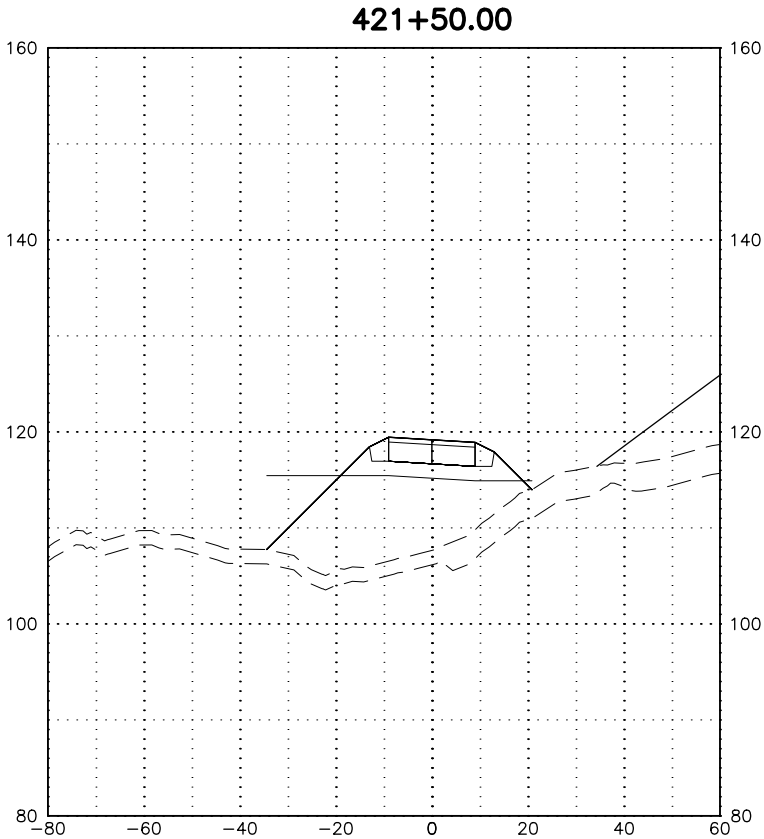
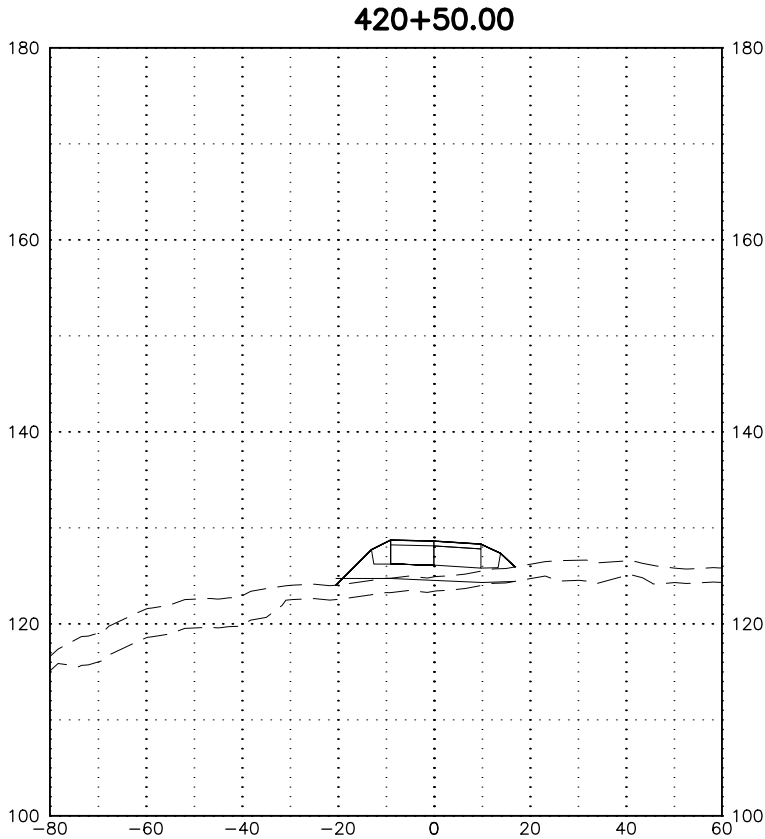
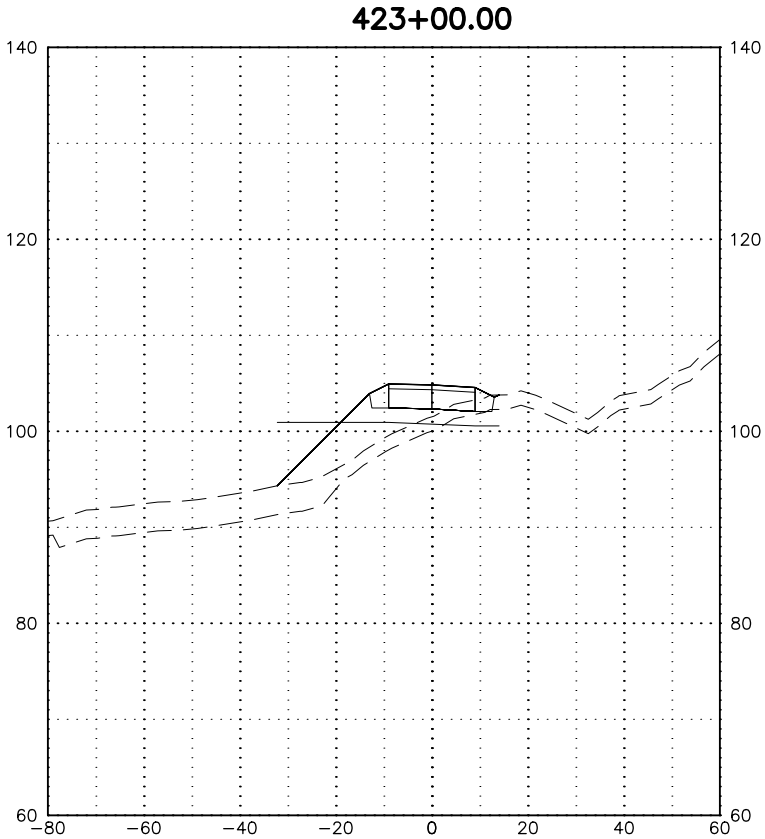
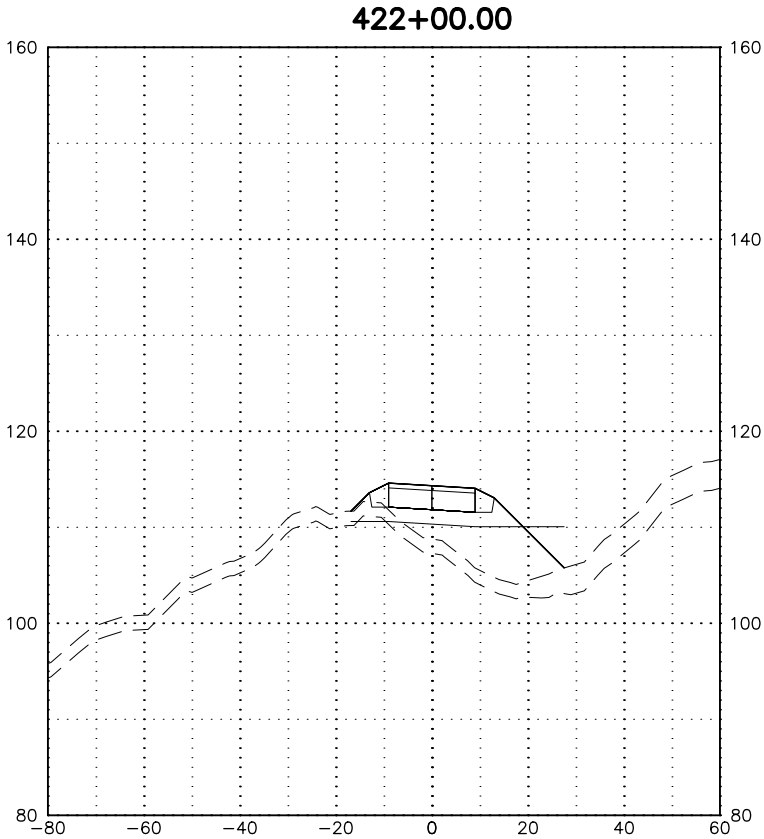
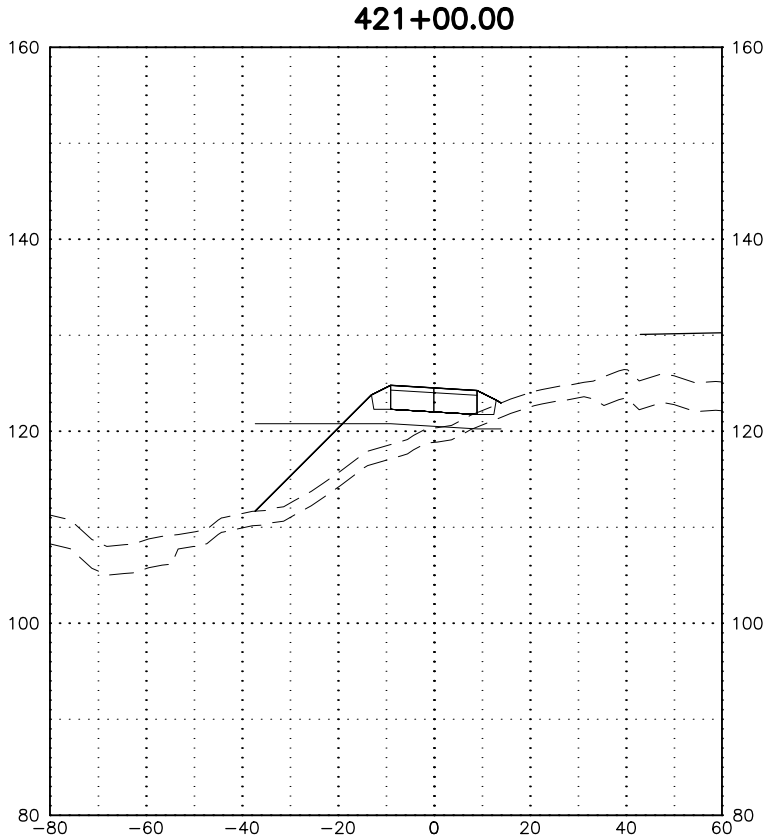


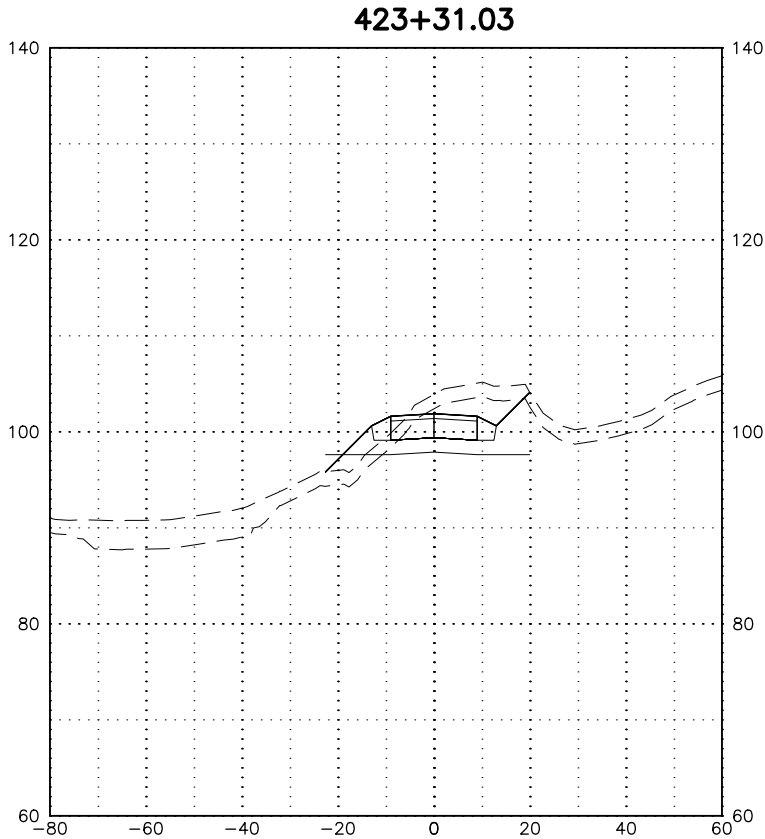
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

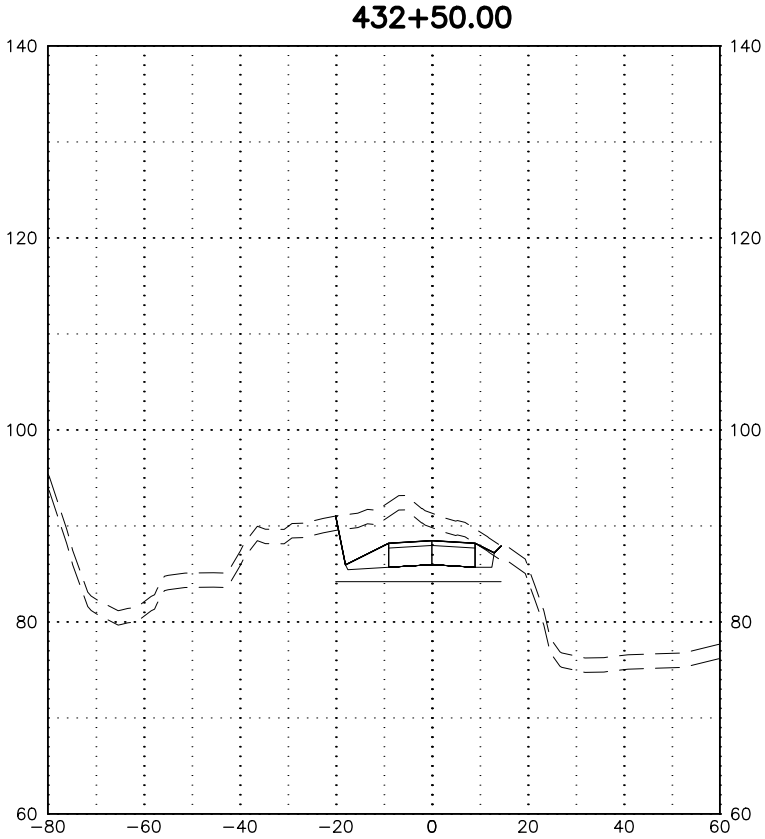
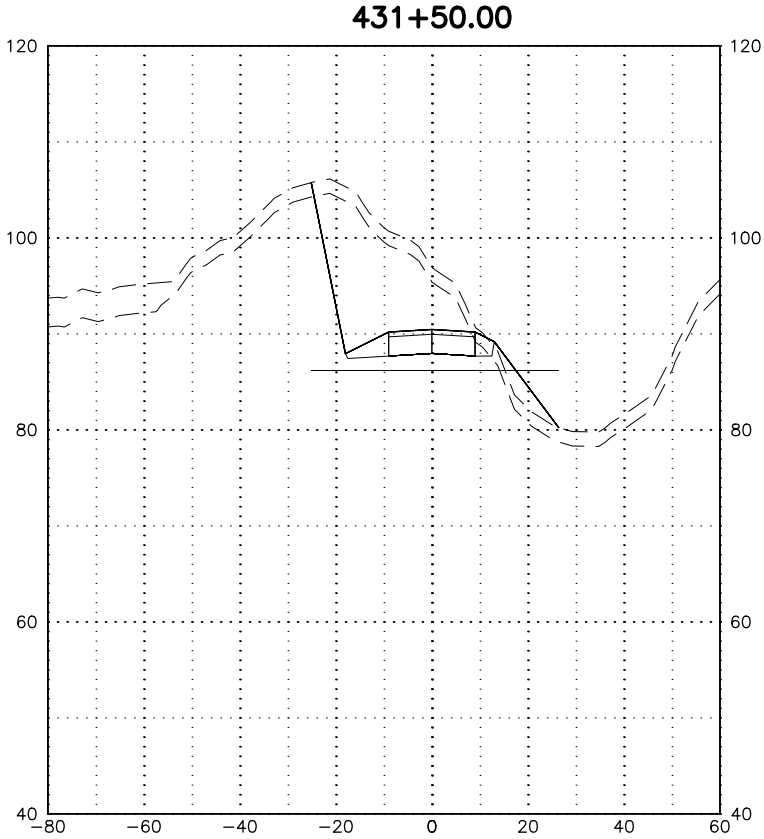
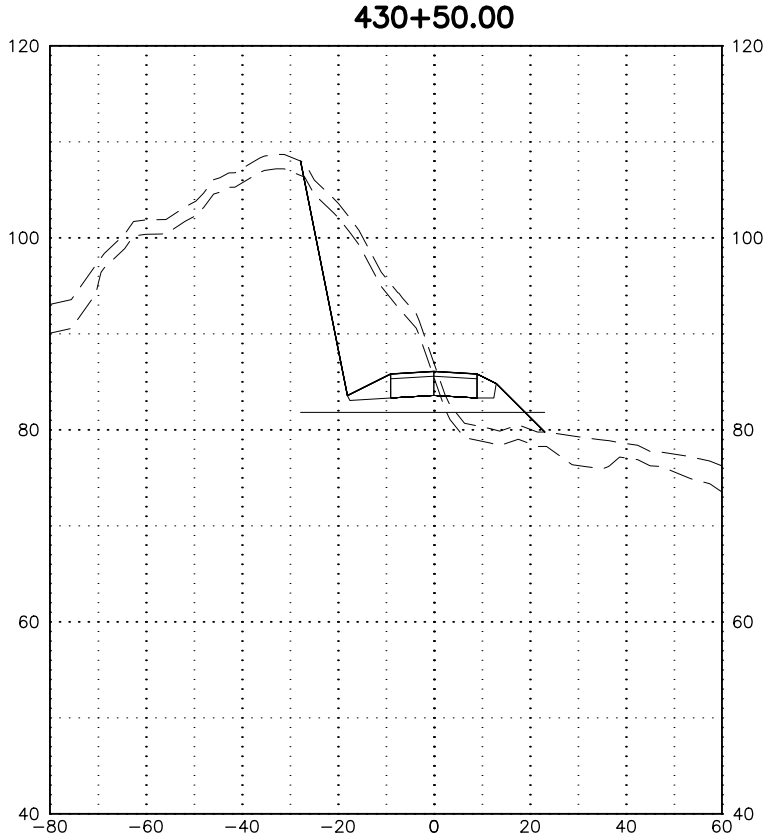
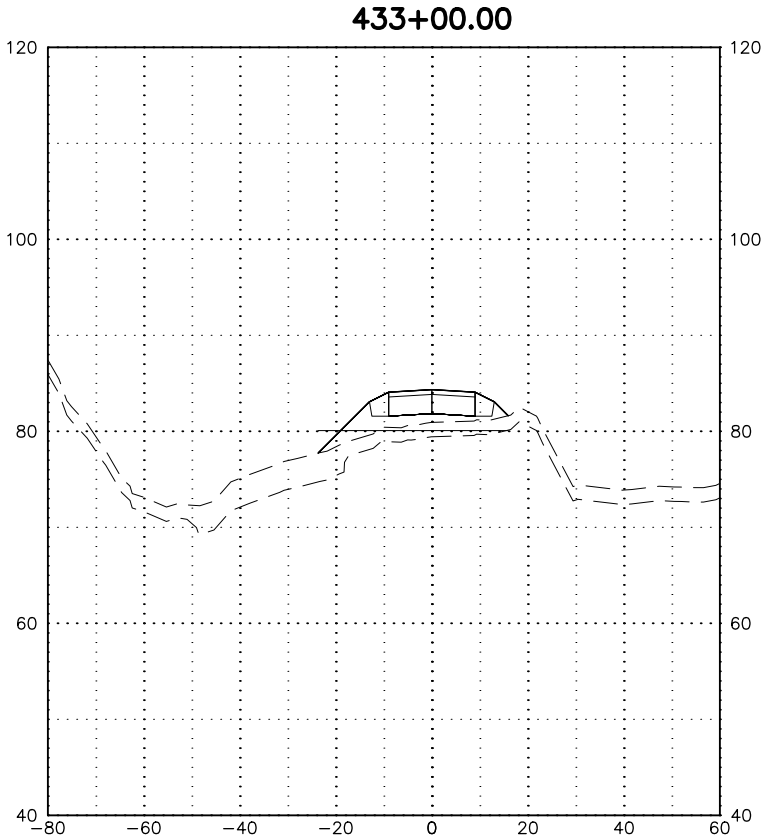
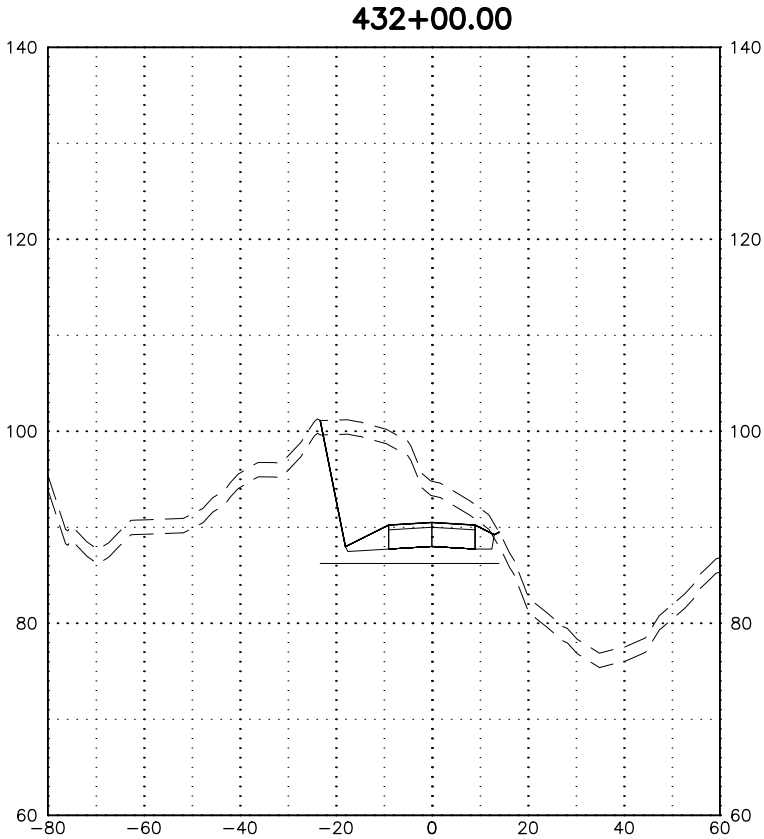
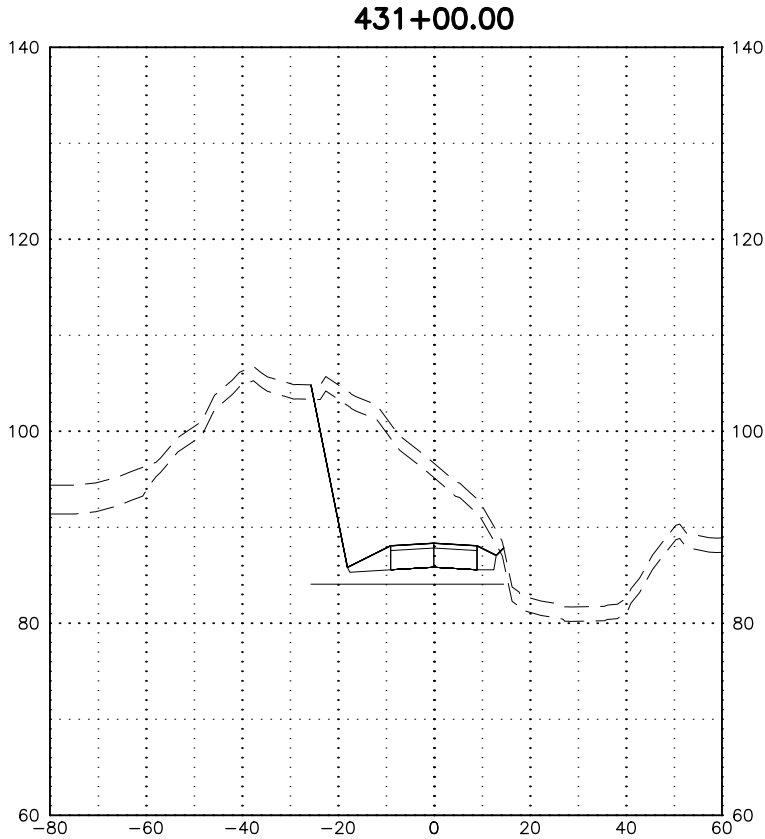
CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD









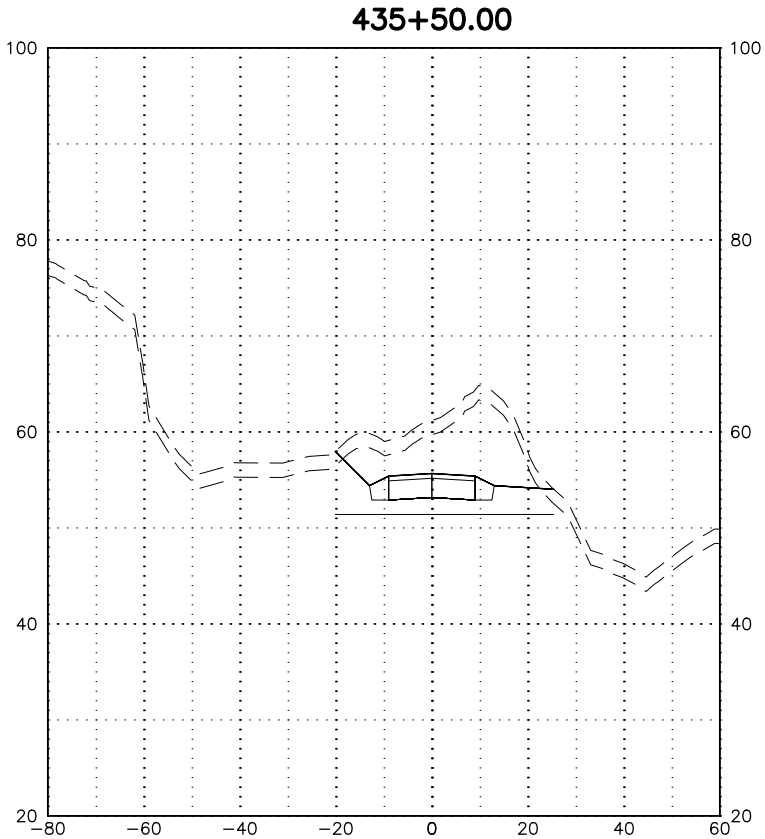
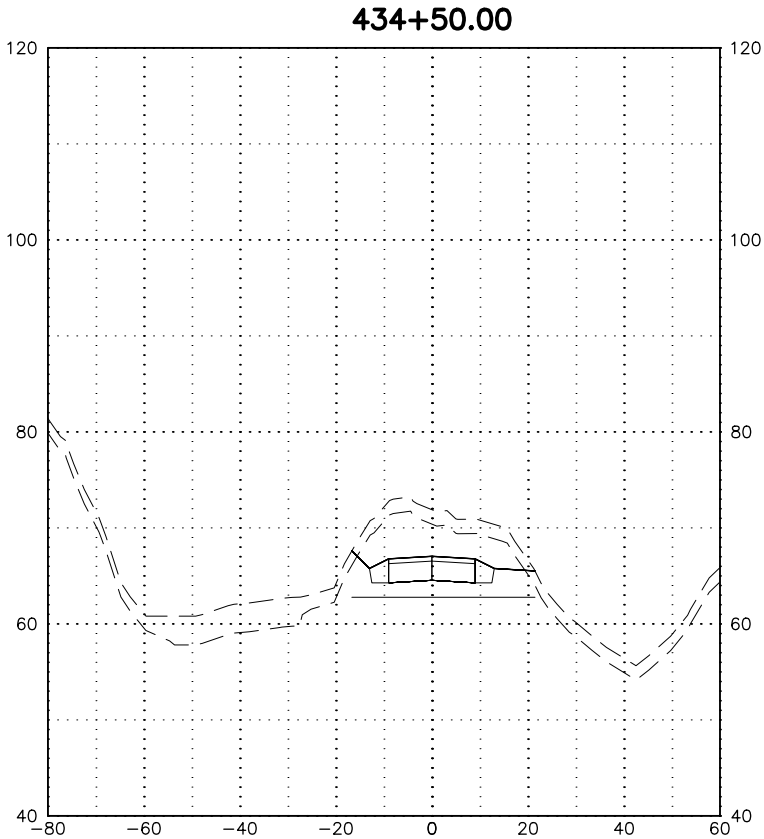
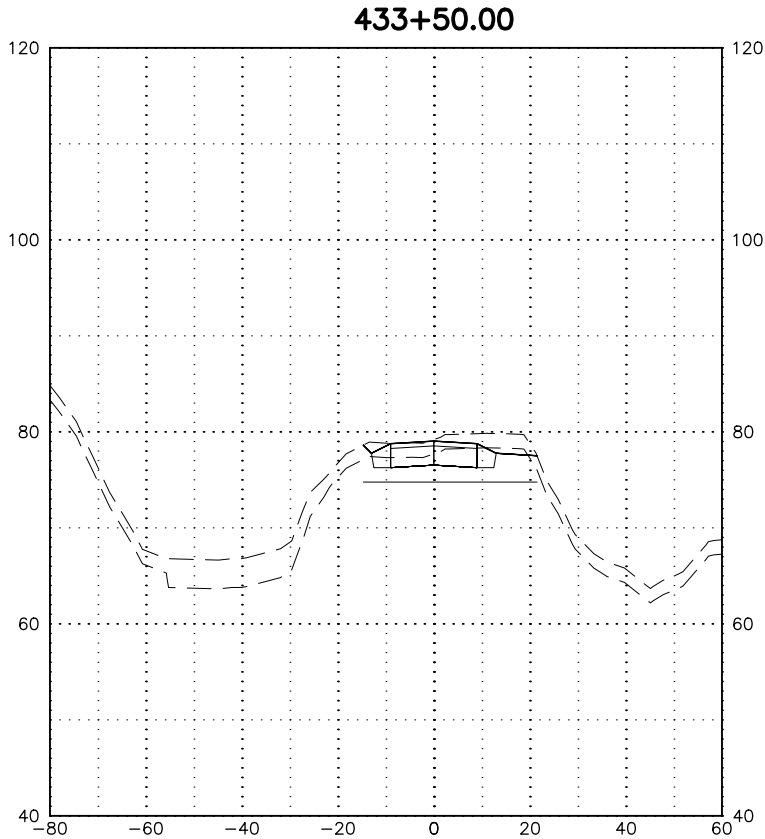
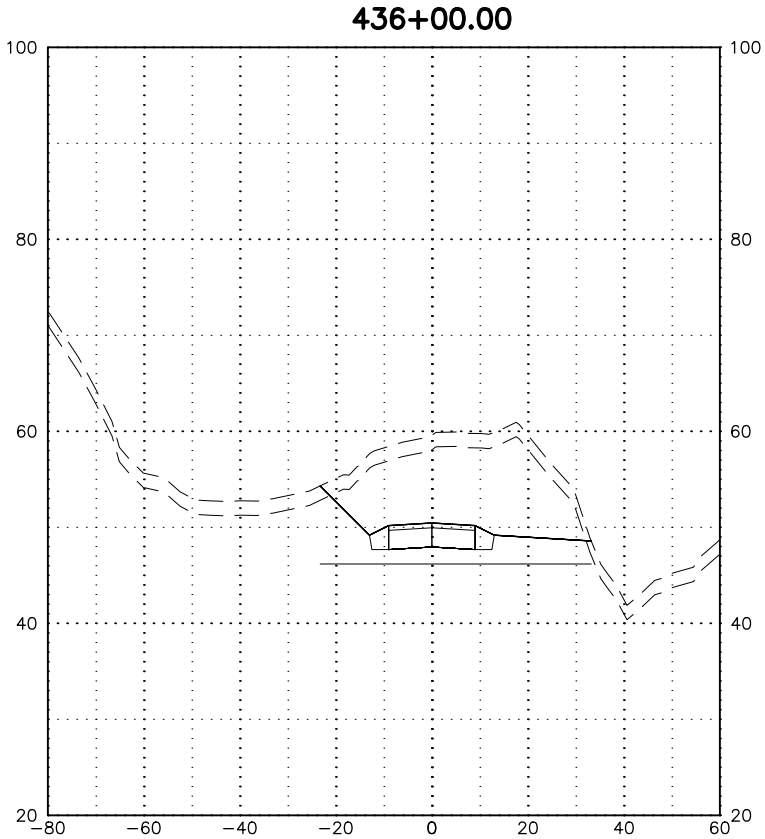
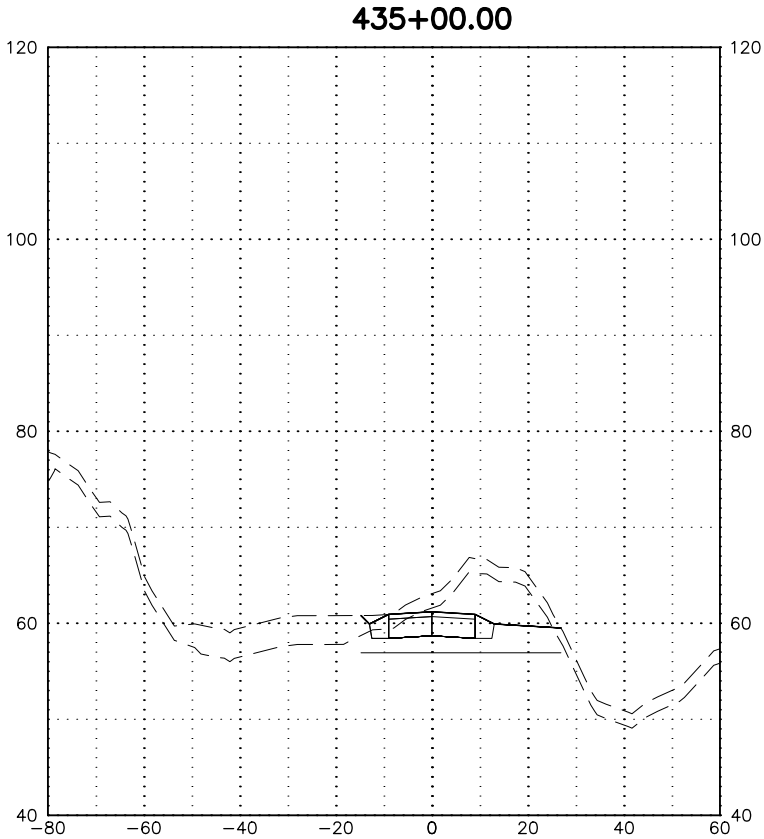
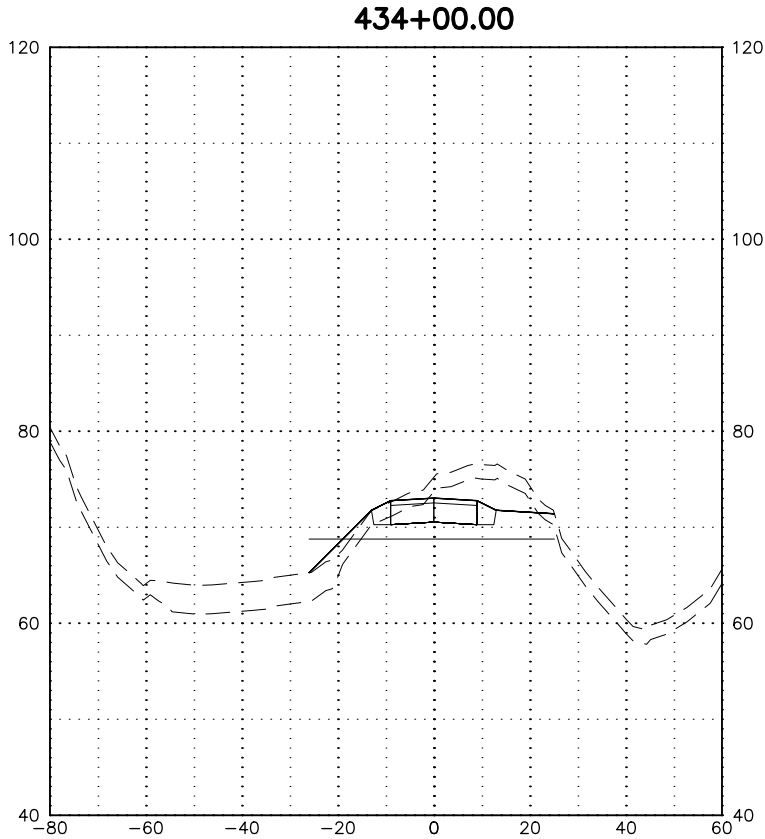
SHEET NO.	TOTAL SHEETS
X63	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
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ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



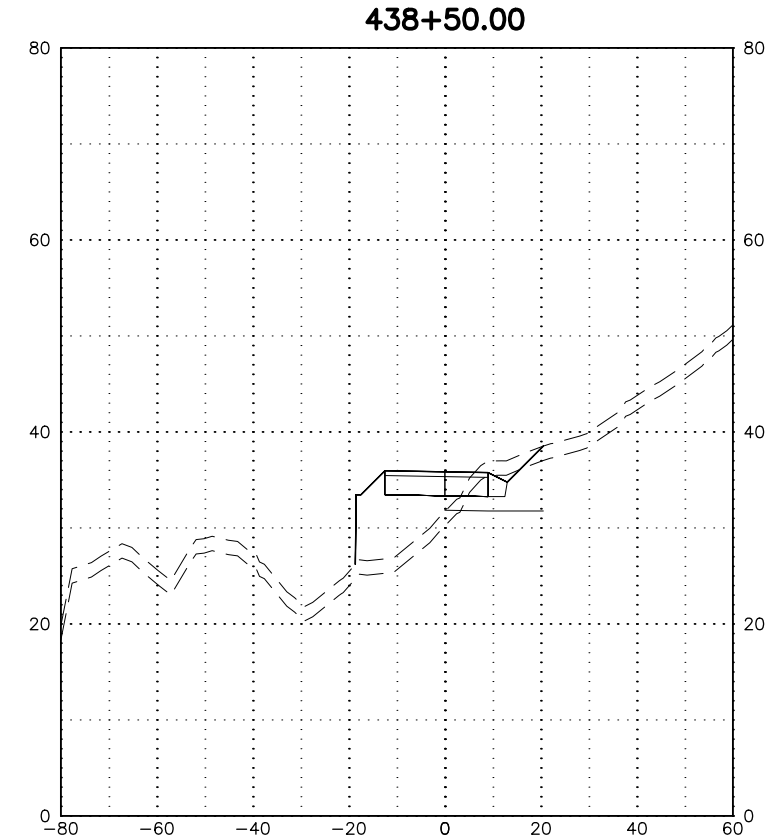
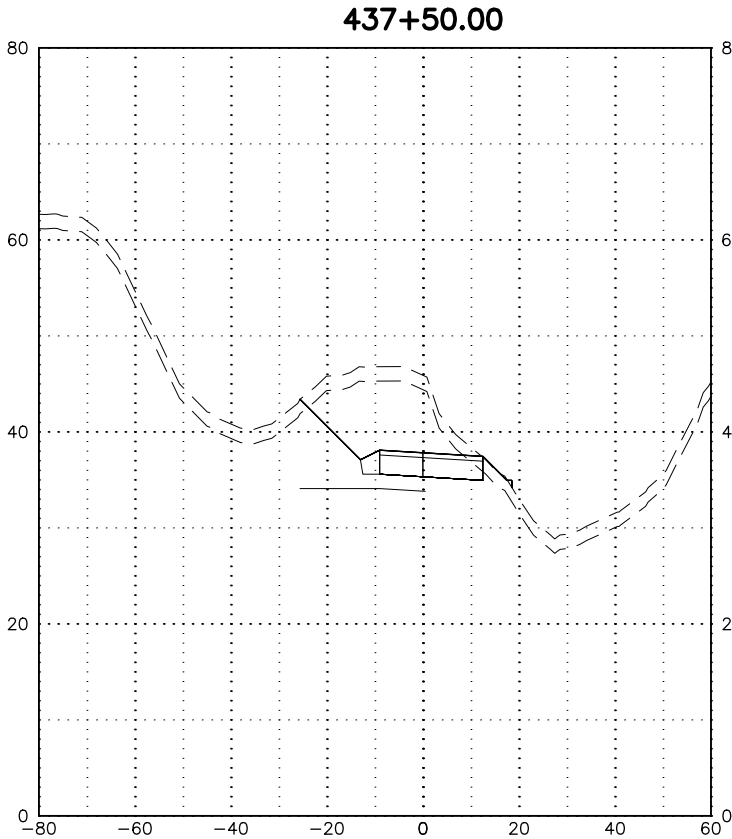
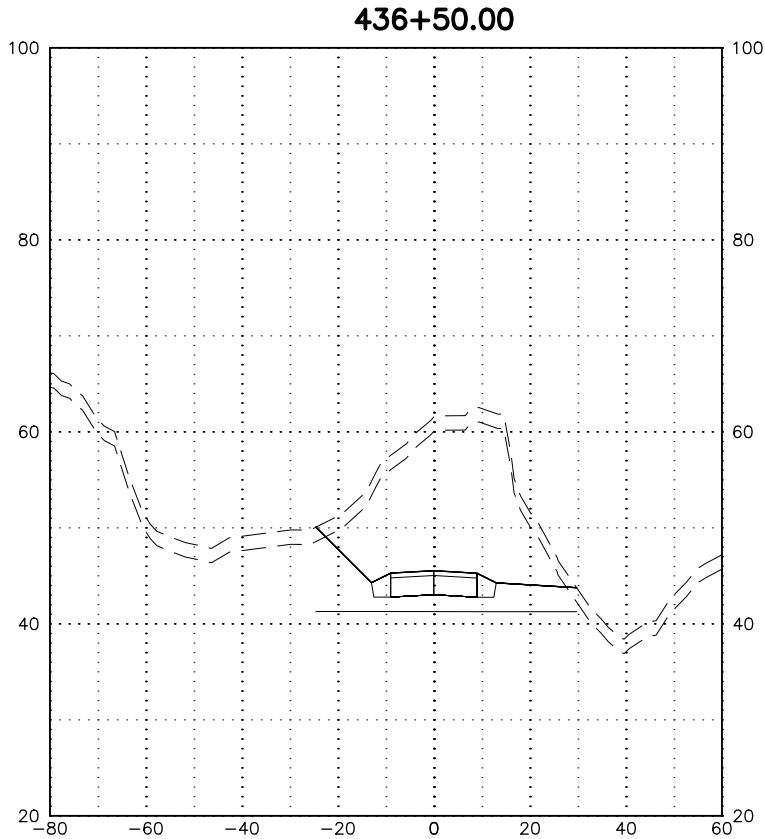
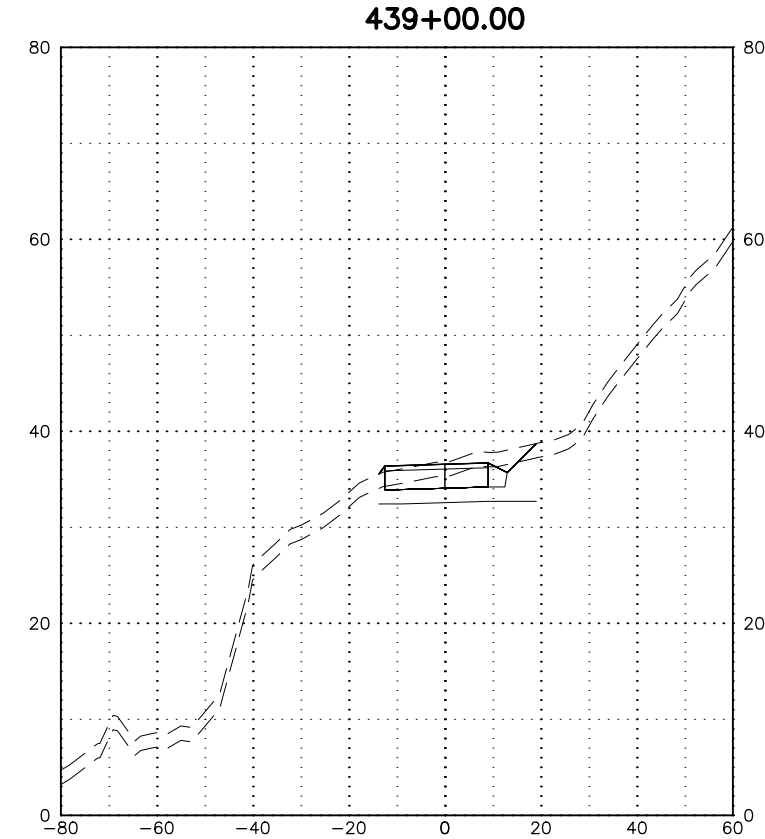
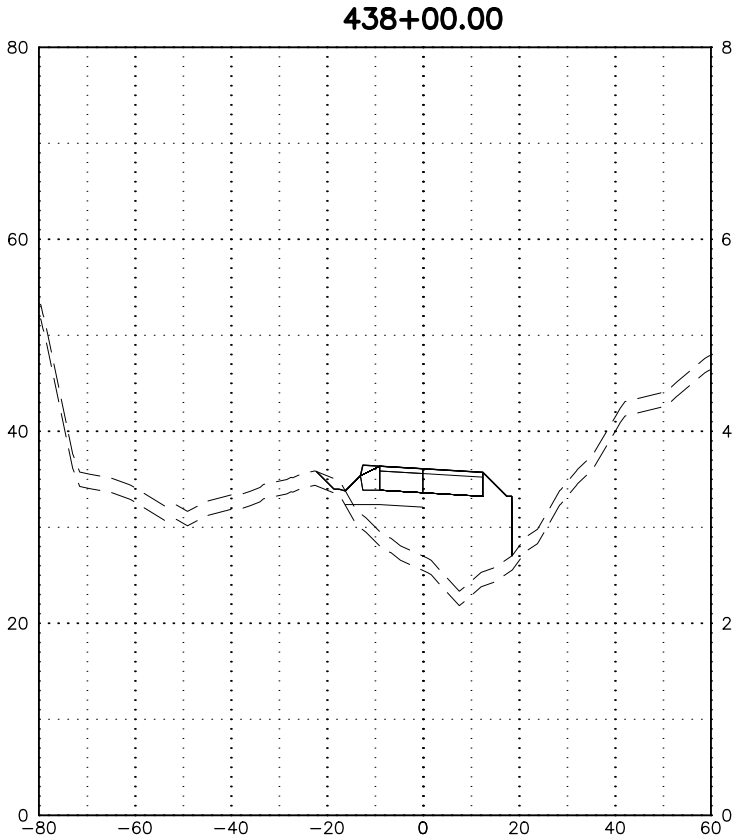
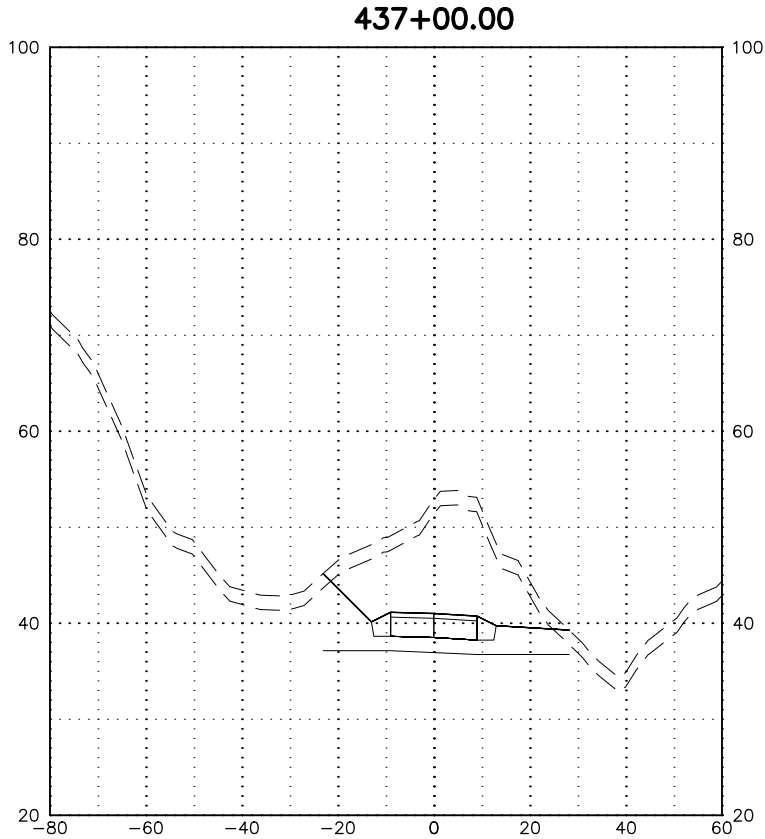
SHEET NO.	TOTAL SHEETS
X64	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



SHEET NO.	TOTAL SHEETS
X65	X94
STATE	YEAR
ALASKA	2022

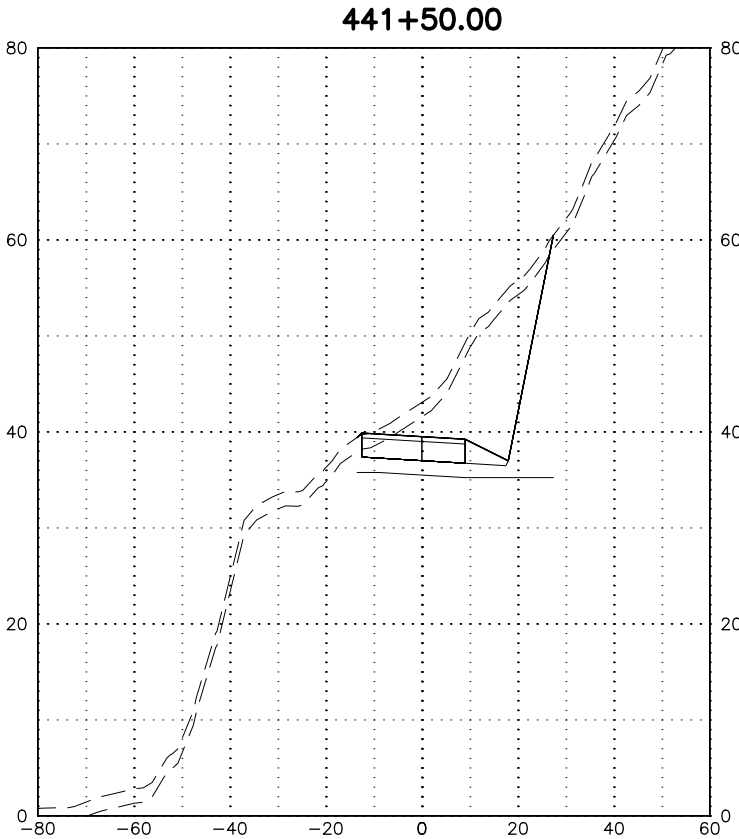
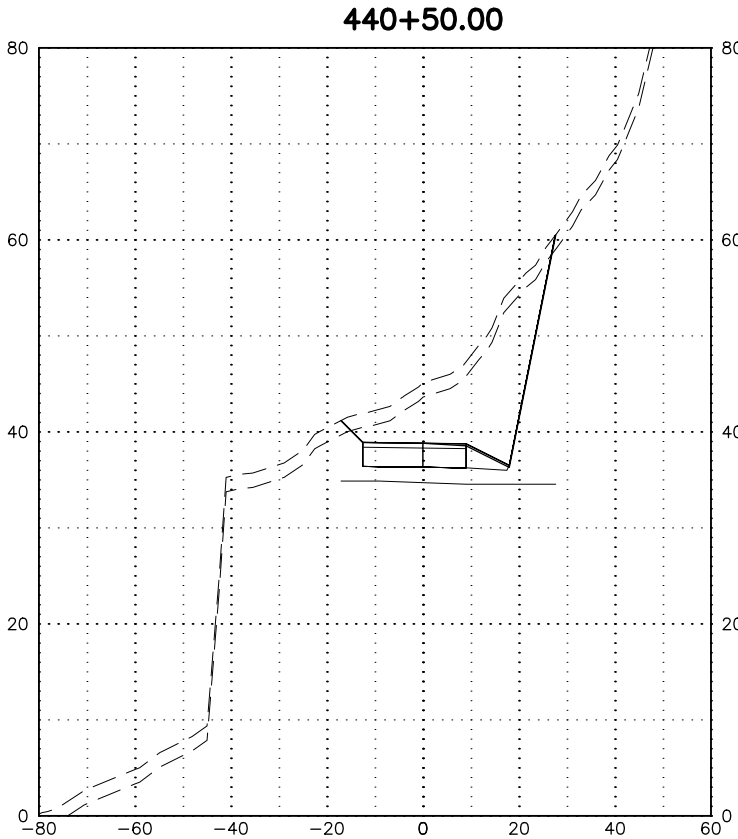
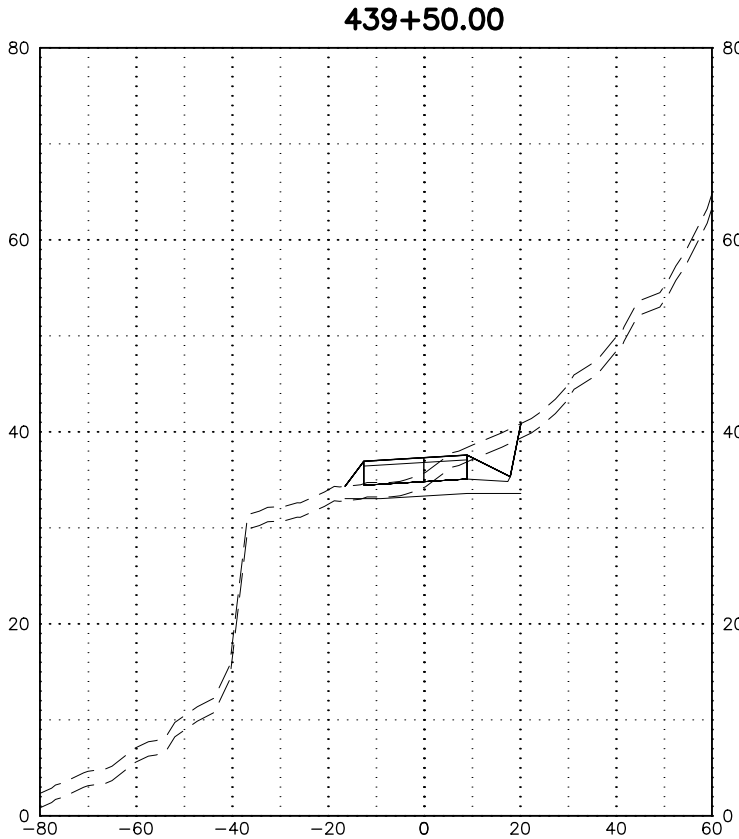
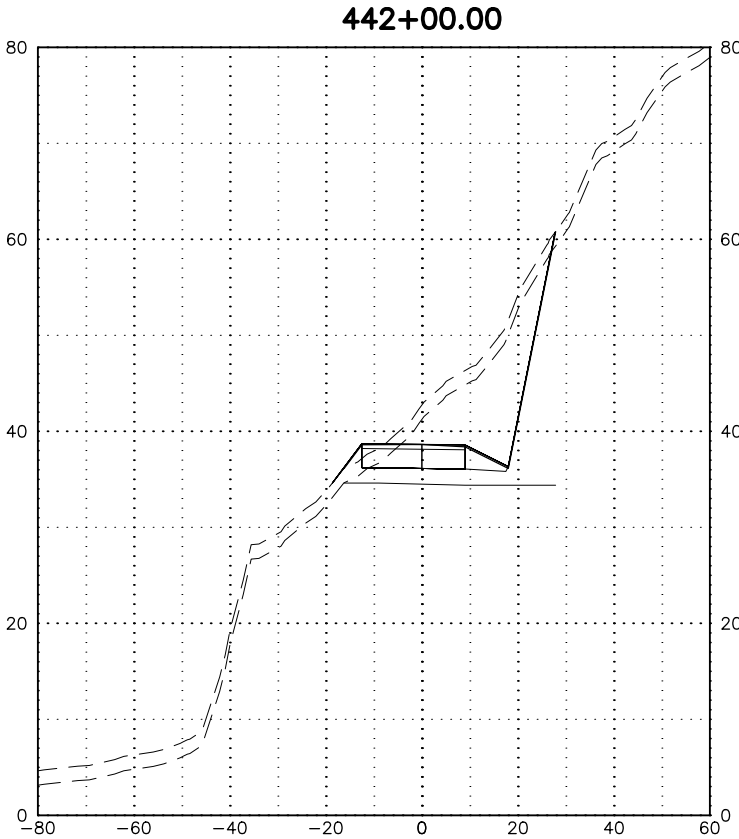
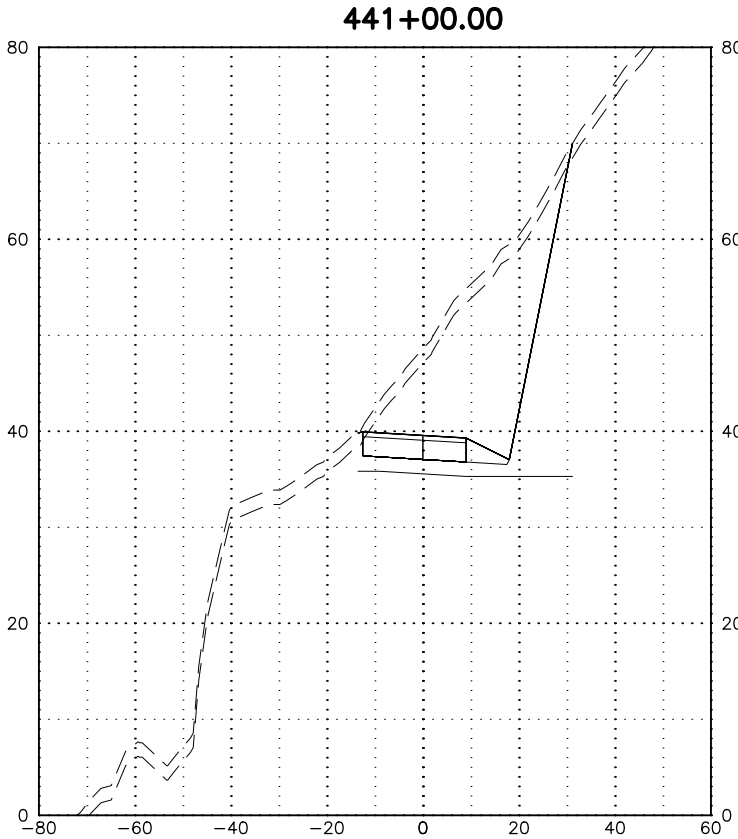
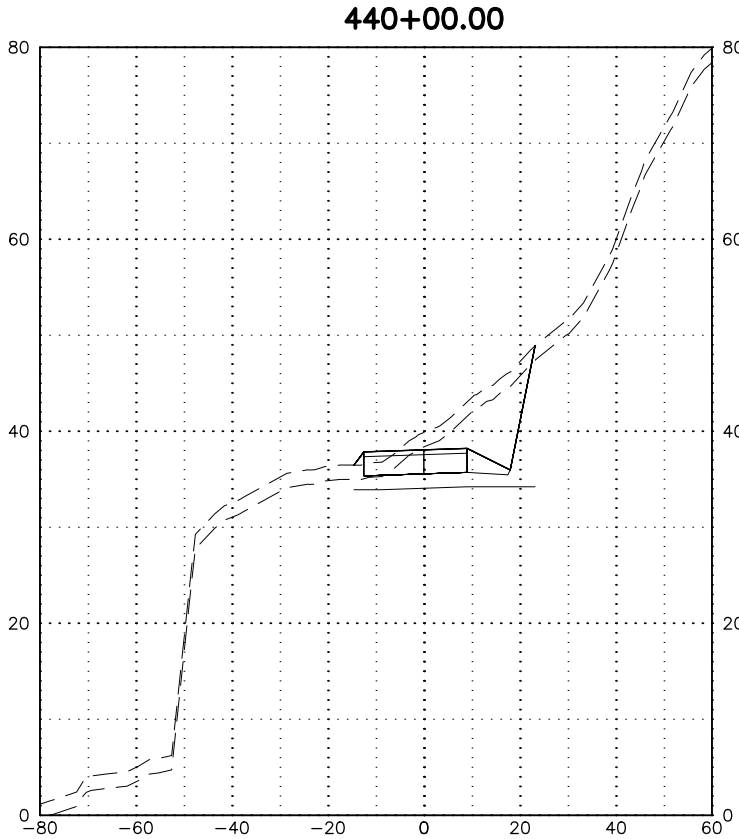
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

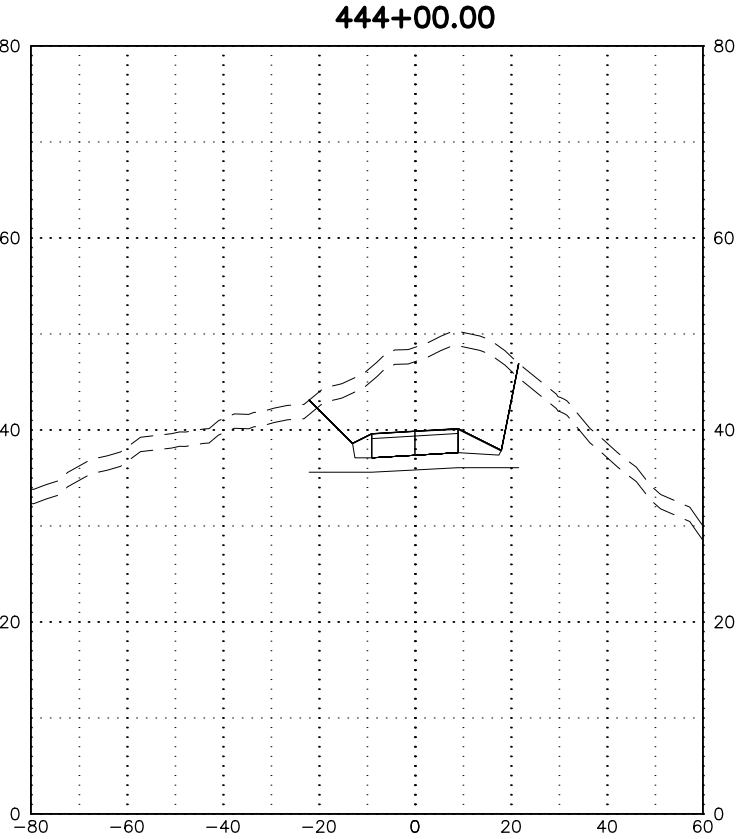
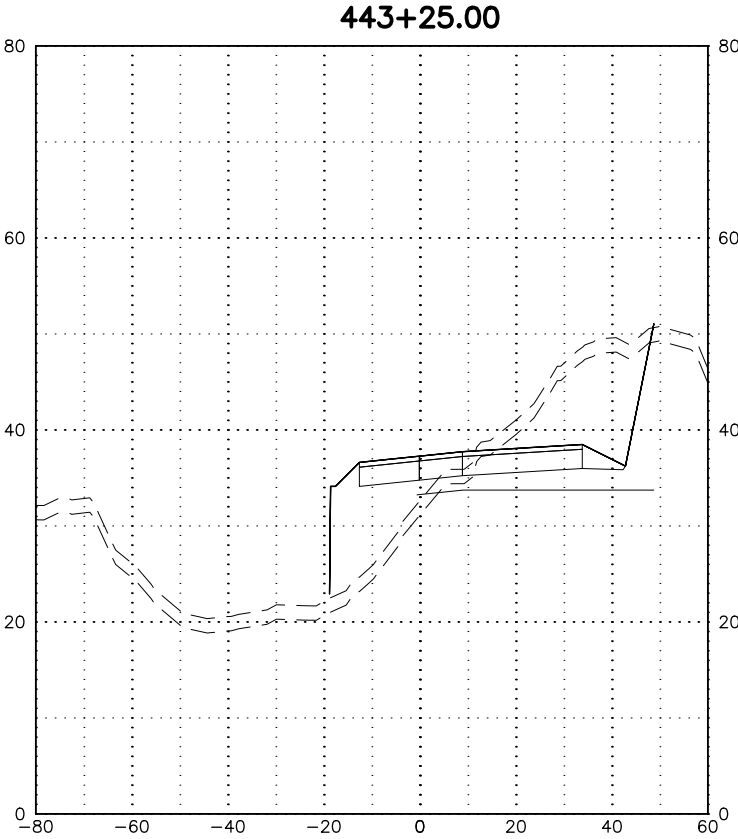
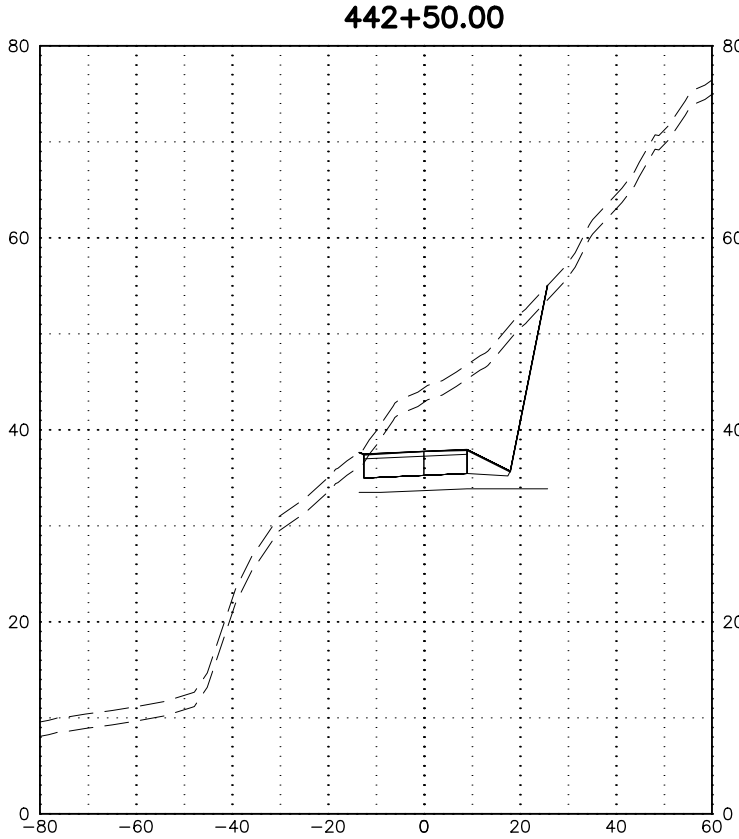
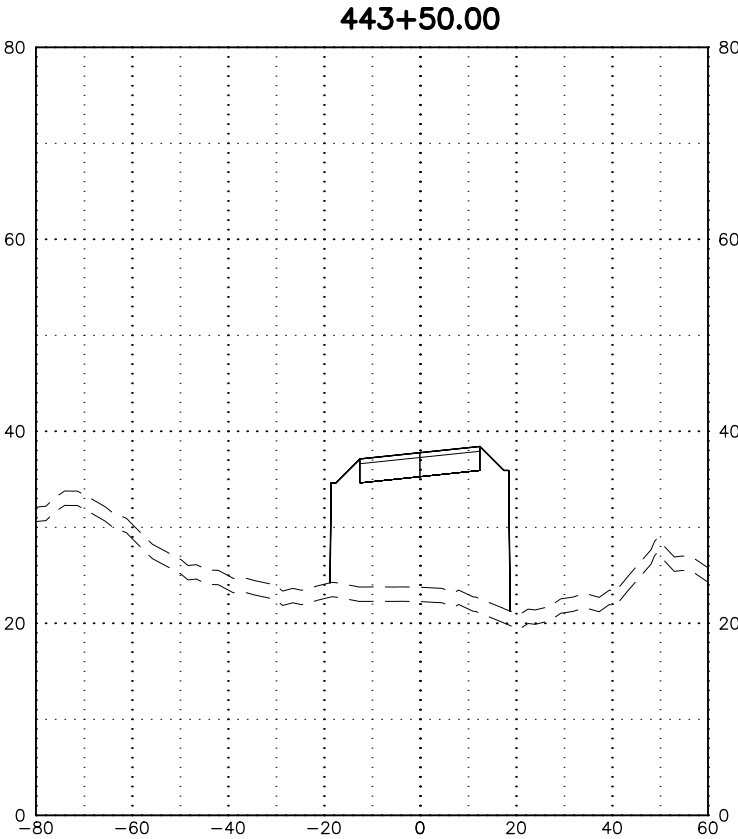
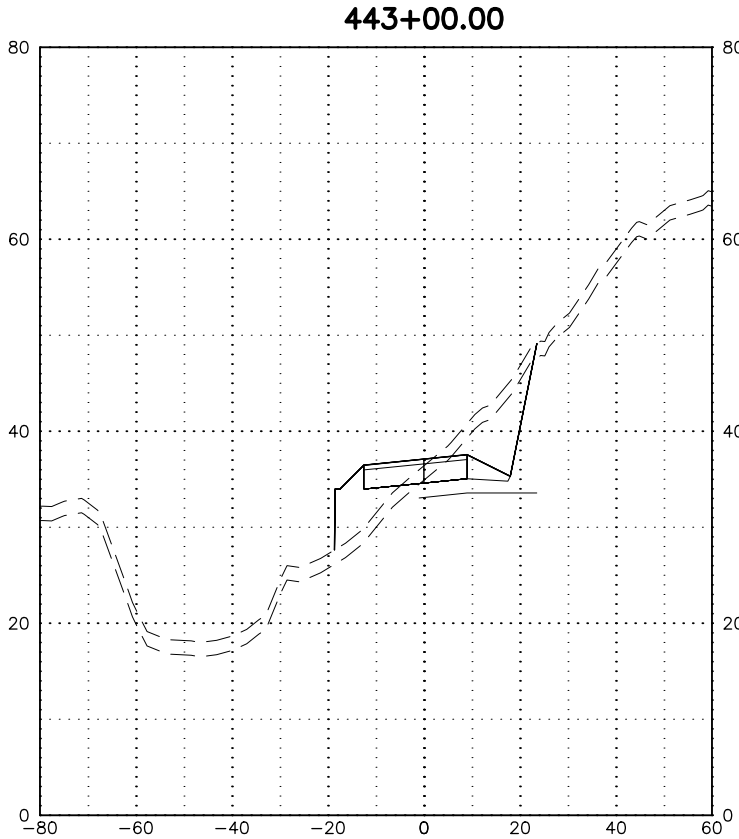


CRW ENGINEERING GROUP, LLC
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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD





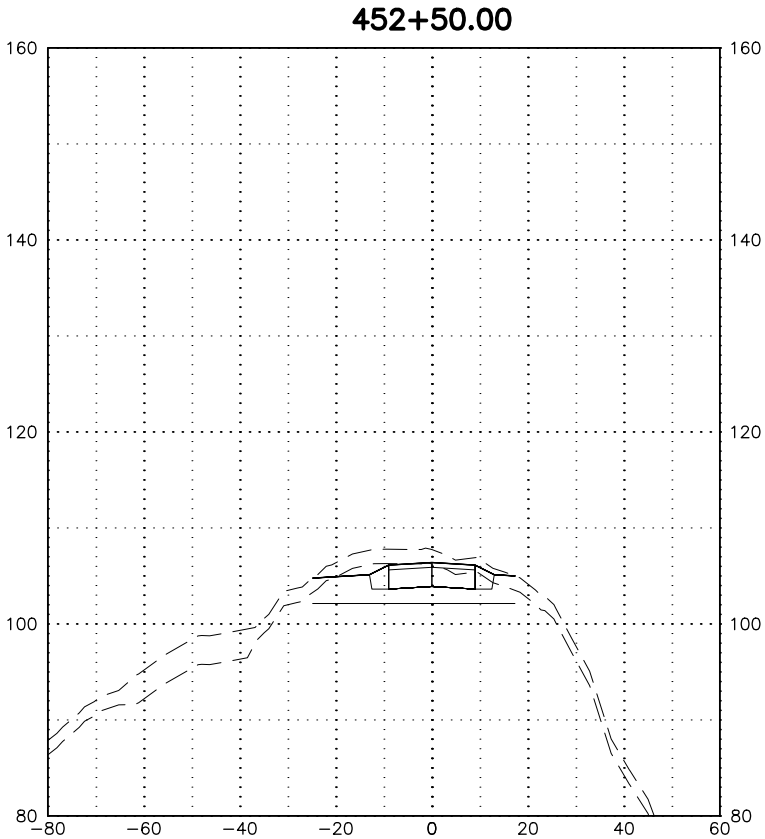
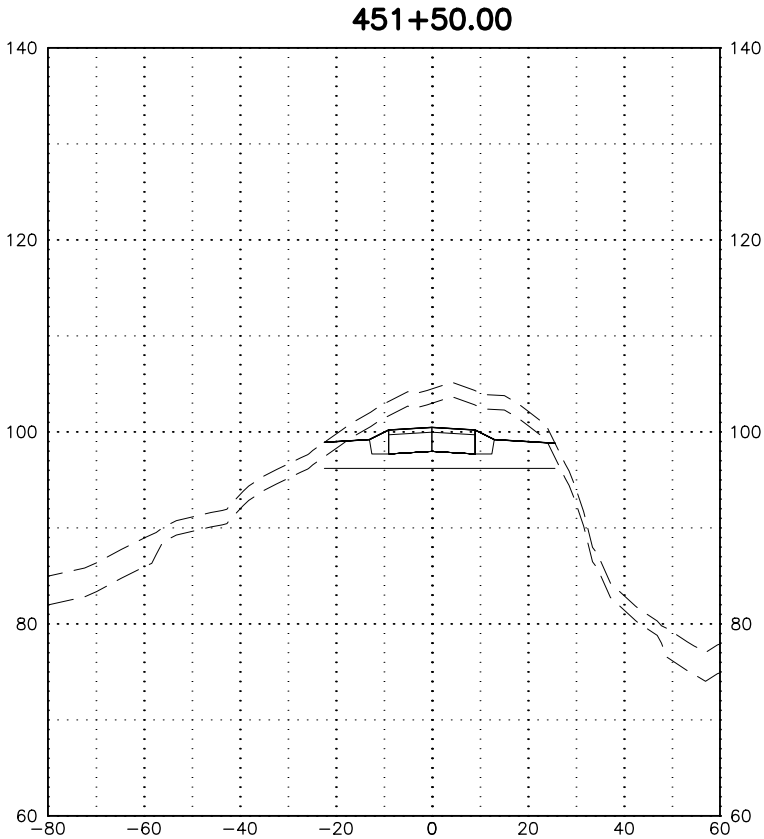
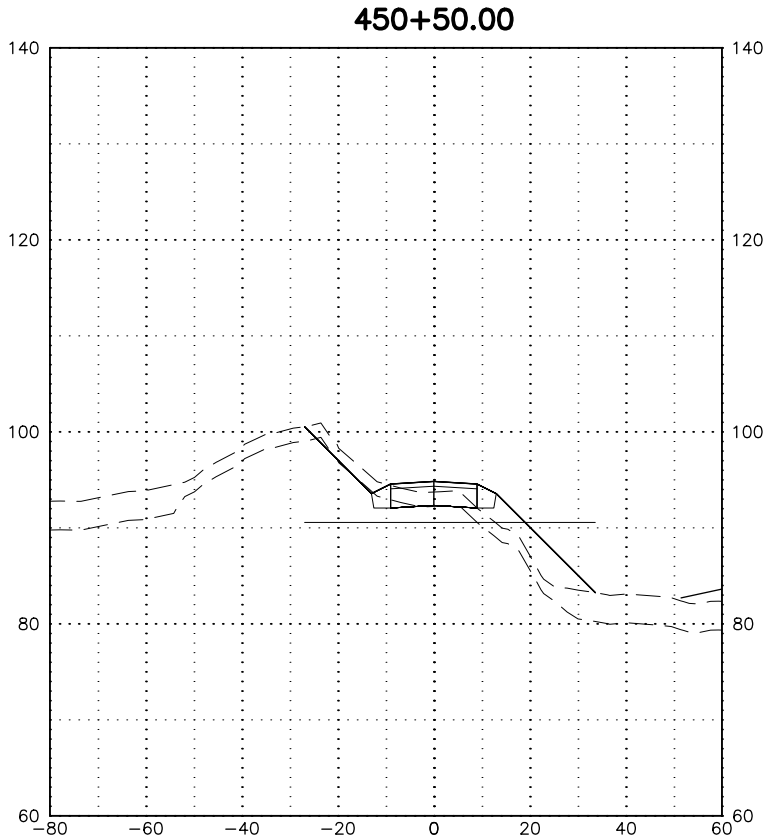
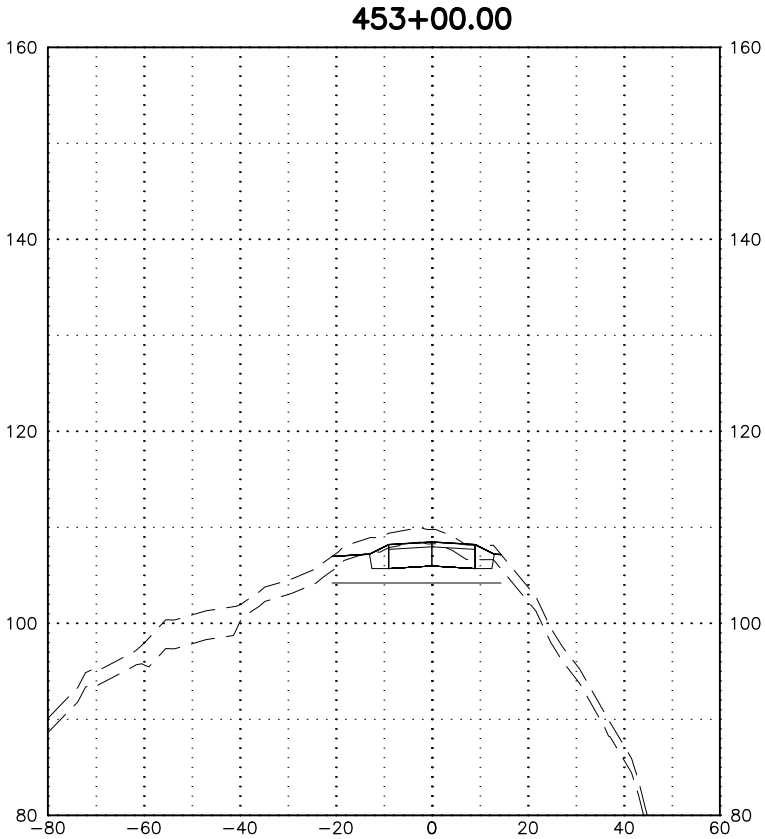
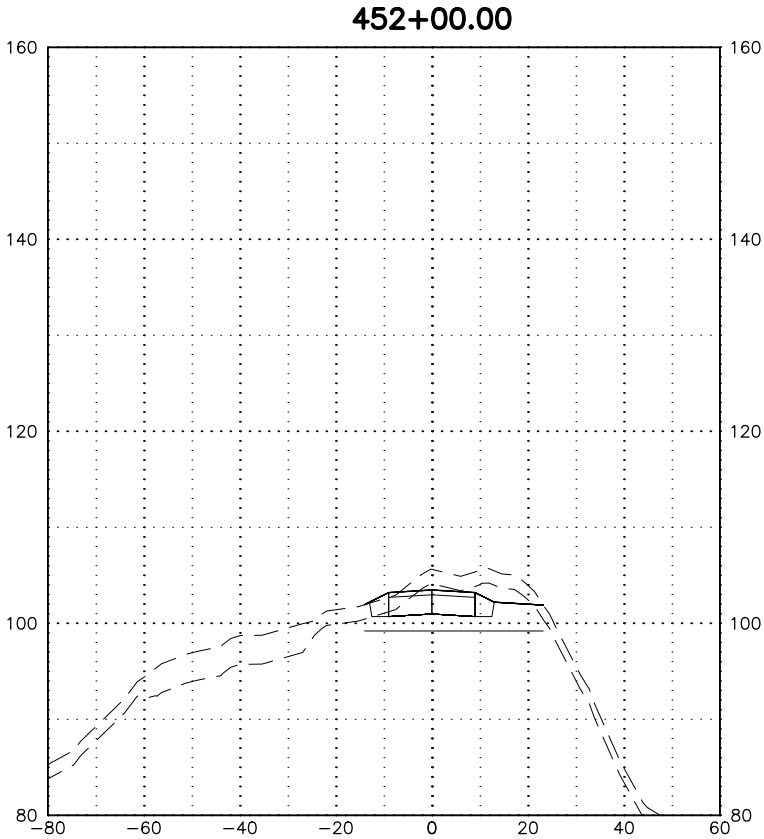
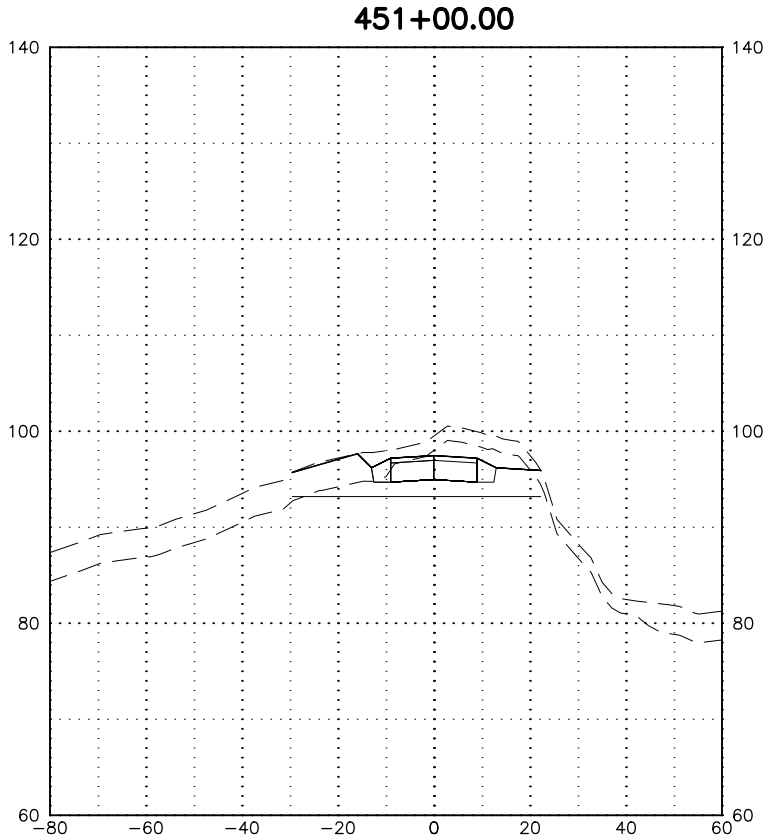
SHEET NO.	TOTAL SHEETS
X67	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
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(907) 562-3252
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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



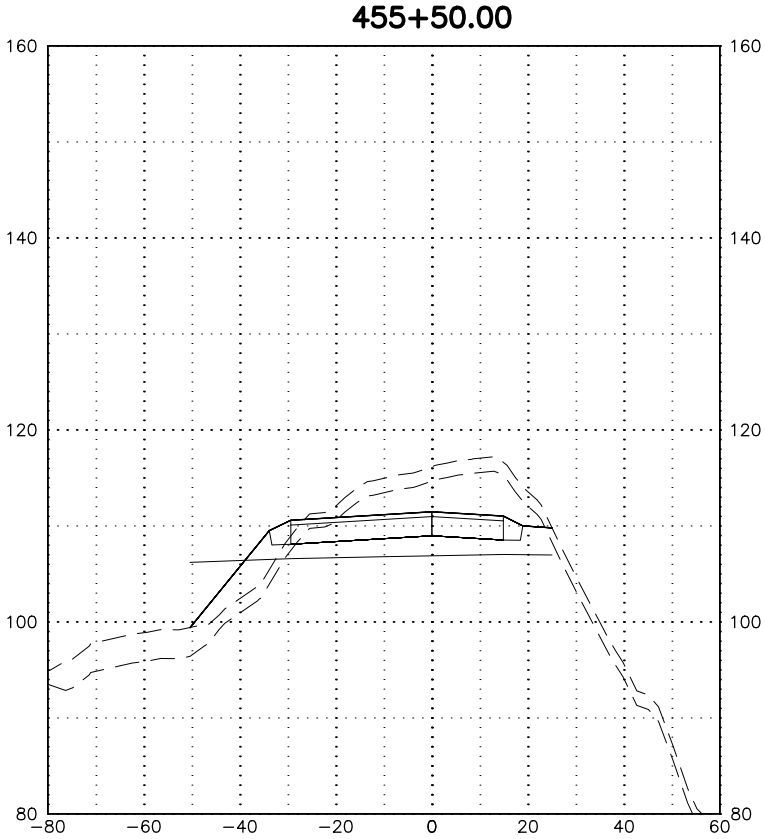
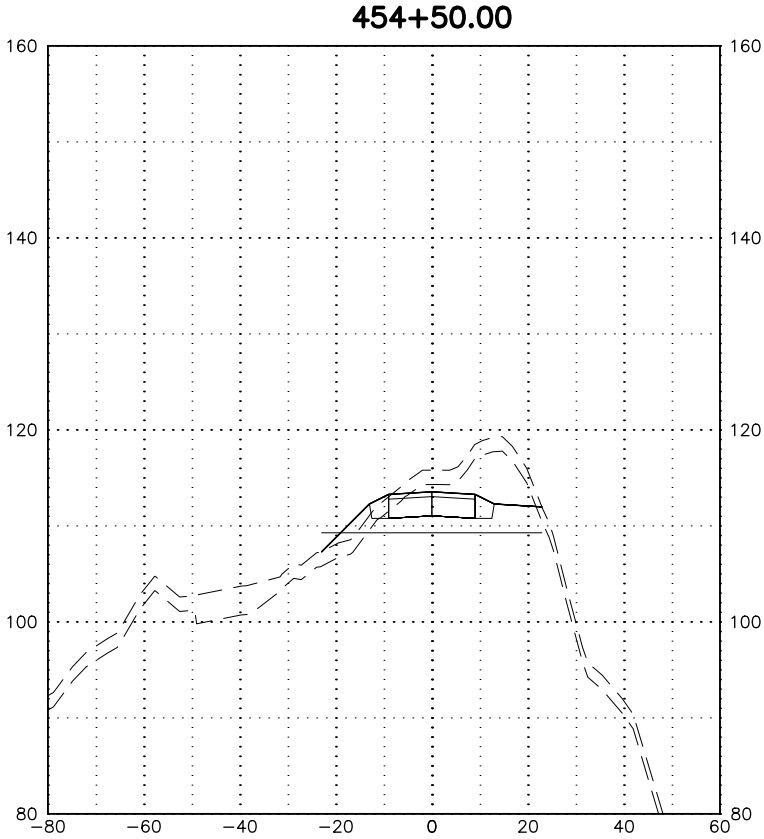
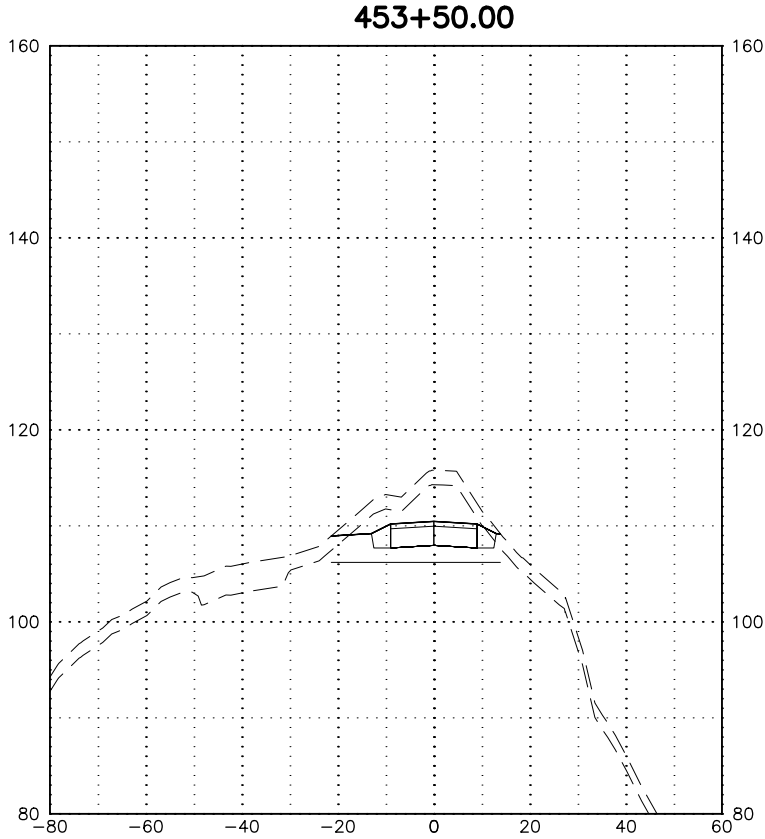
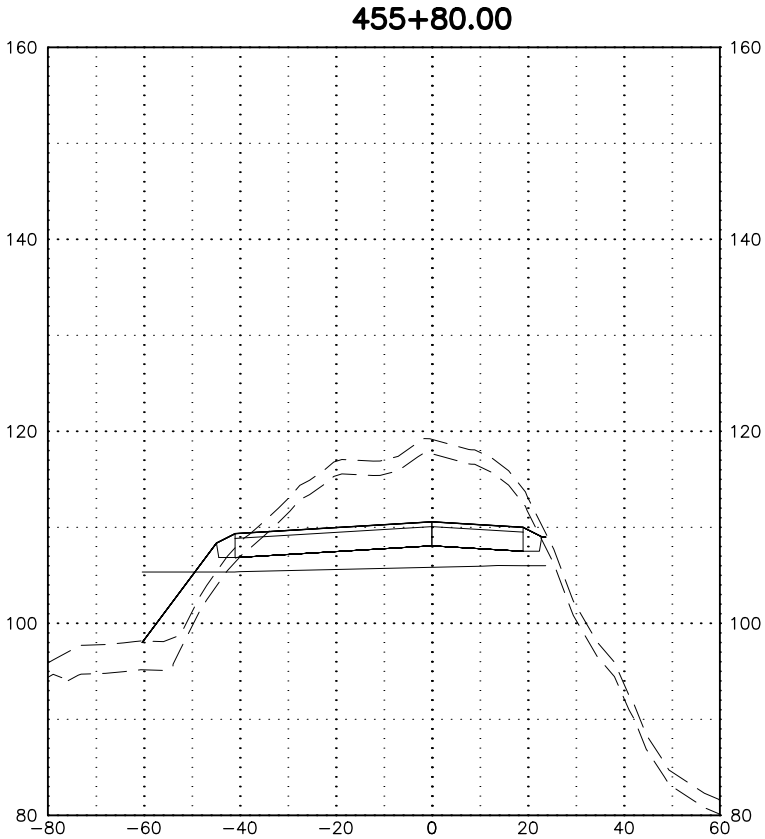
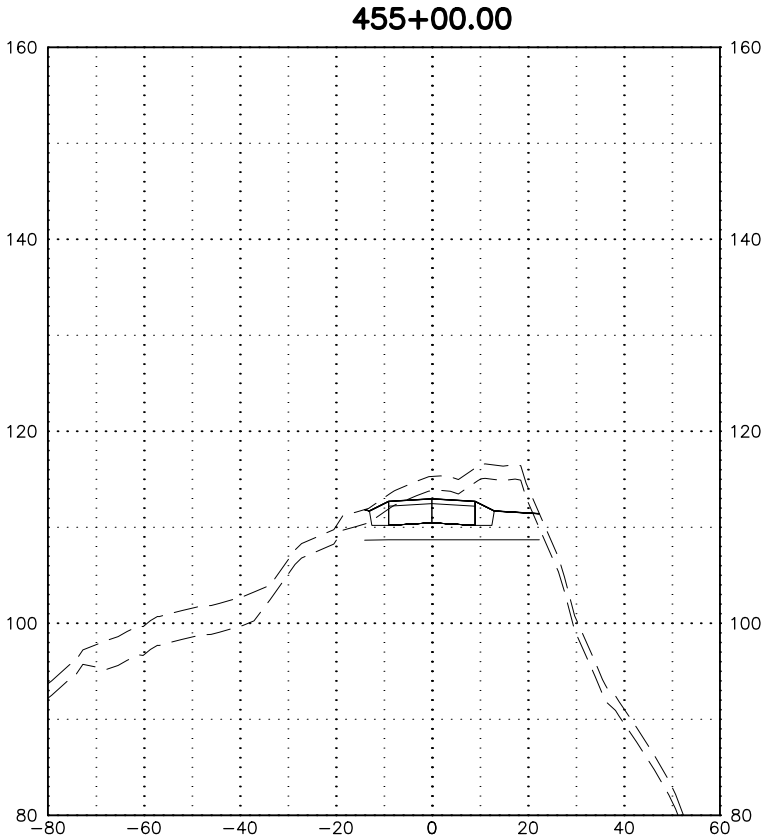
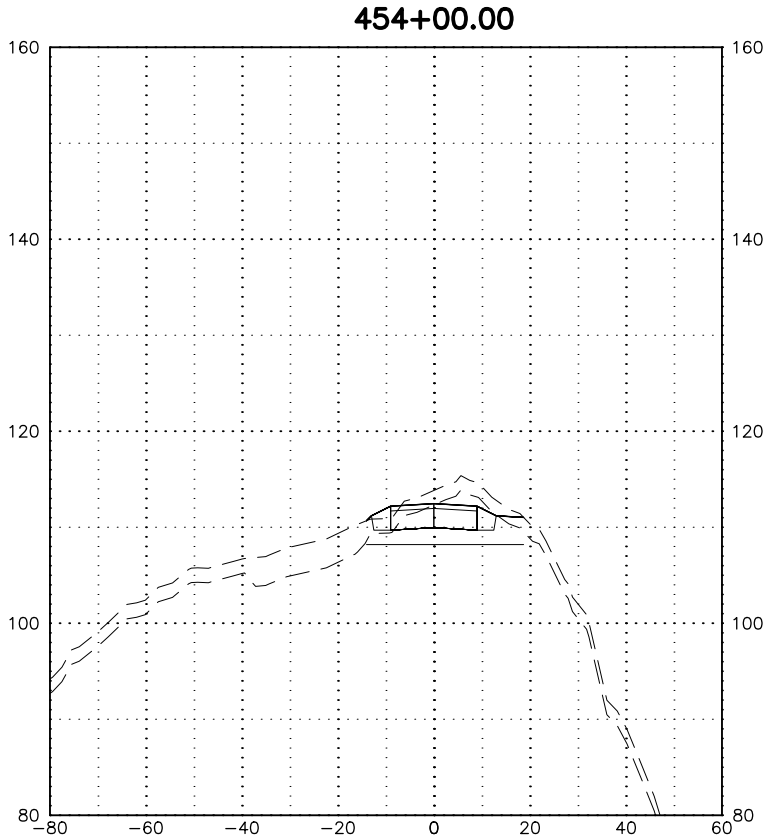
SHEET NO.	TOTAL SHEETS
X68	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



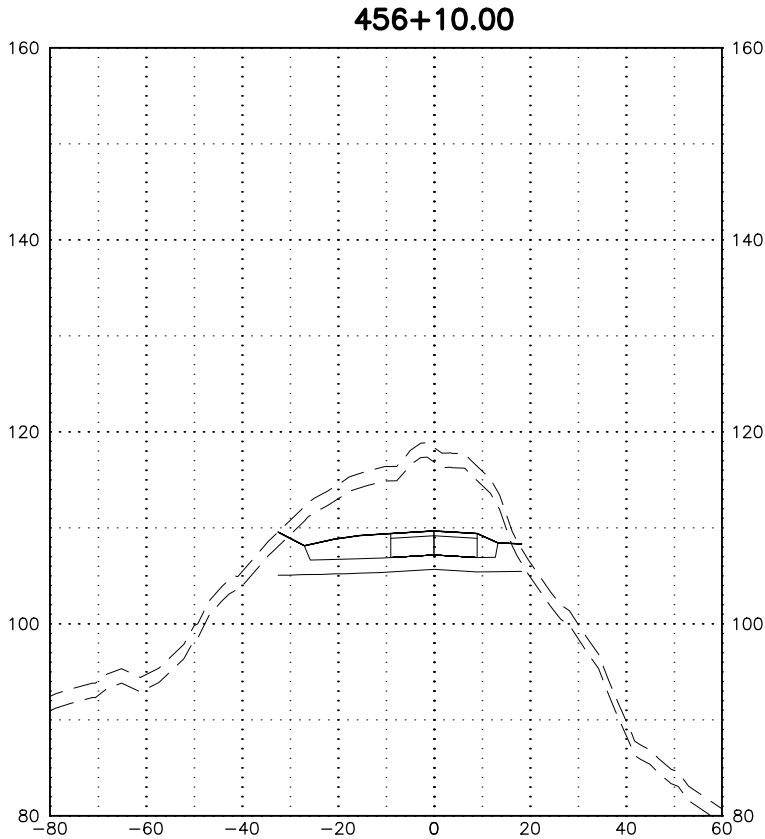
DRAWING LOCATION
J:\JOBSDATA\20403.02 SHOTGUN COVE ROAD\00 CADD\01 WORKING SET\01 CIVIL\02 DESIGN\20403.02 CROSS SECTIONS - ACCESS ROADS.DWG

DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE

DATE
4/27/2022

TIME
11:32 AM



SHEET NO.	TOTAL SHEETS
X70	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

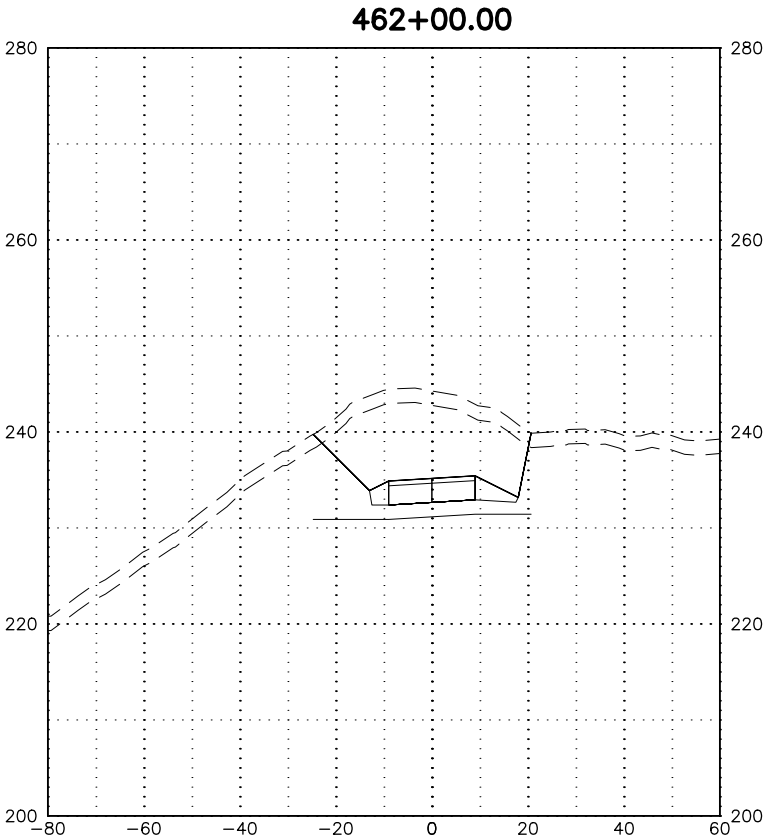
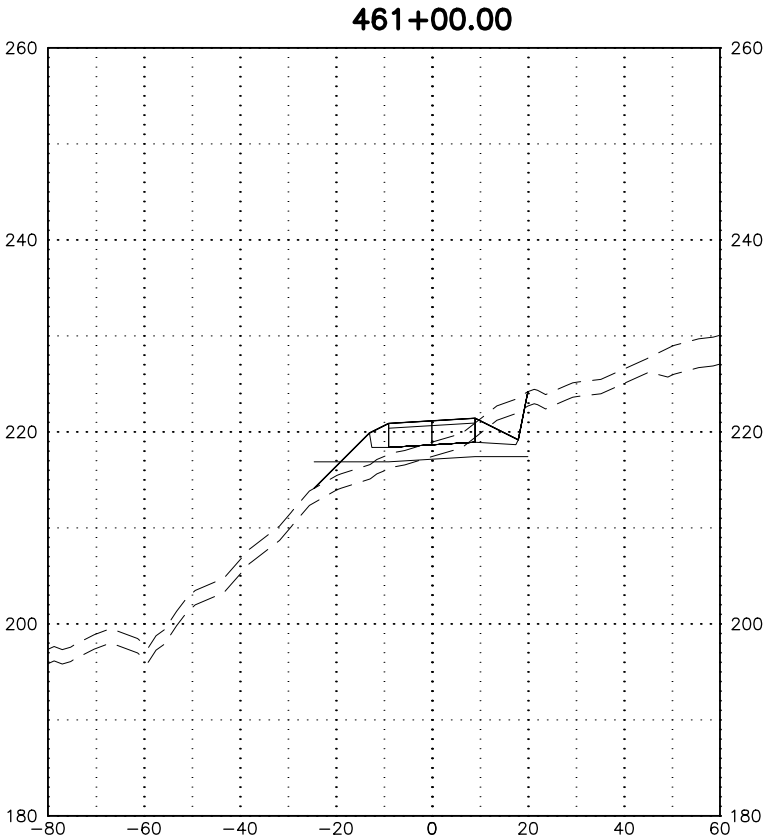
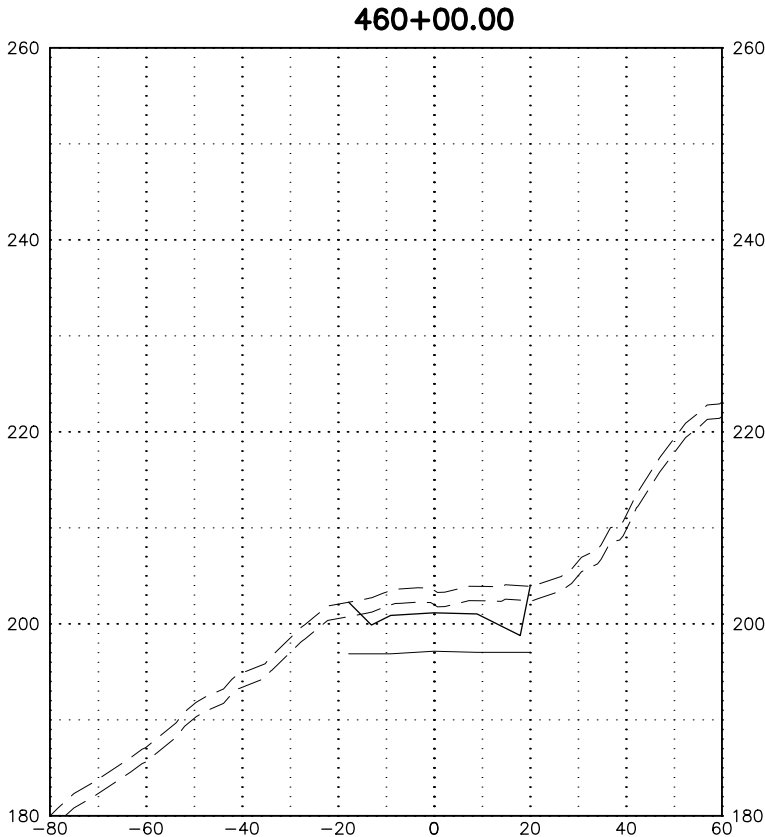
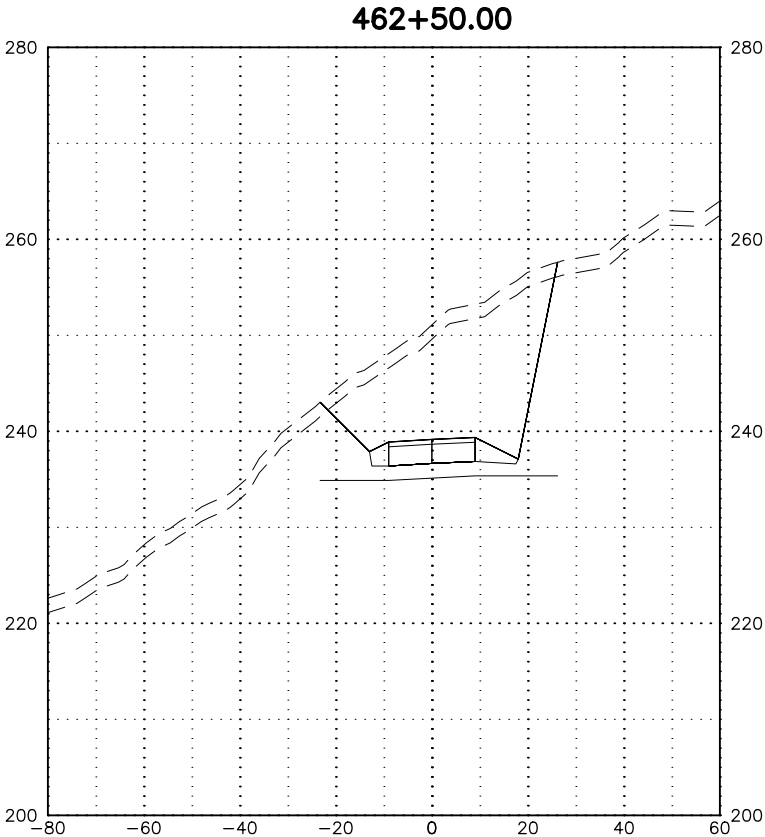
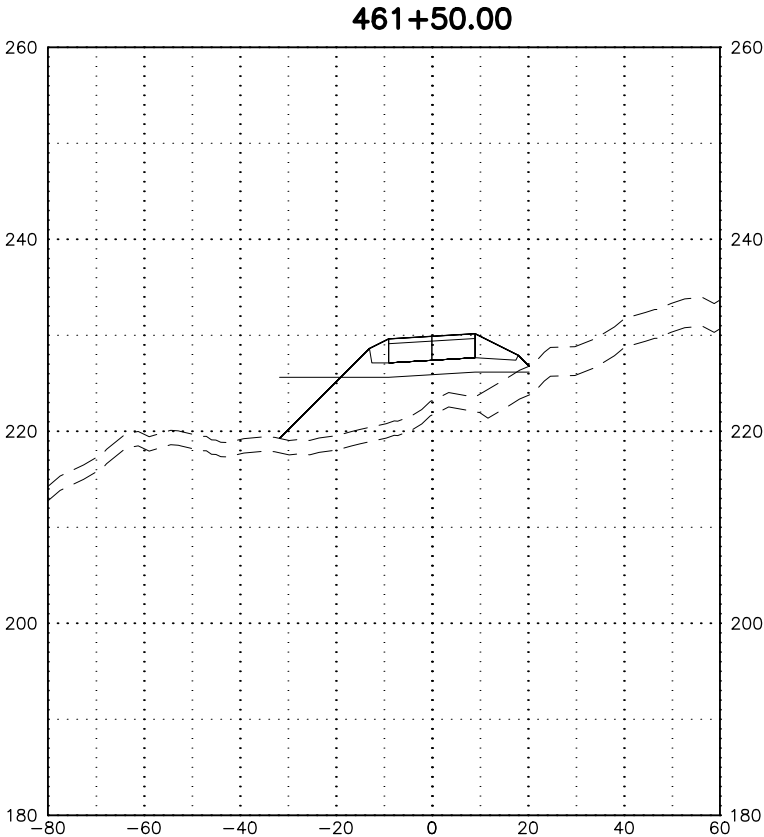
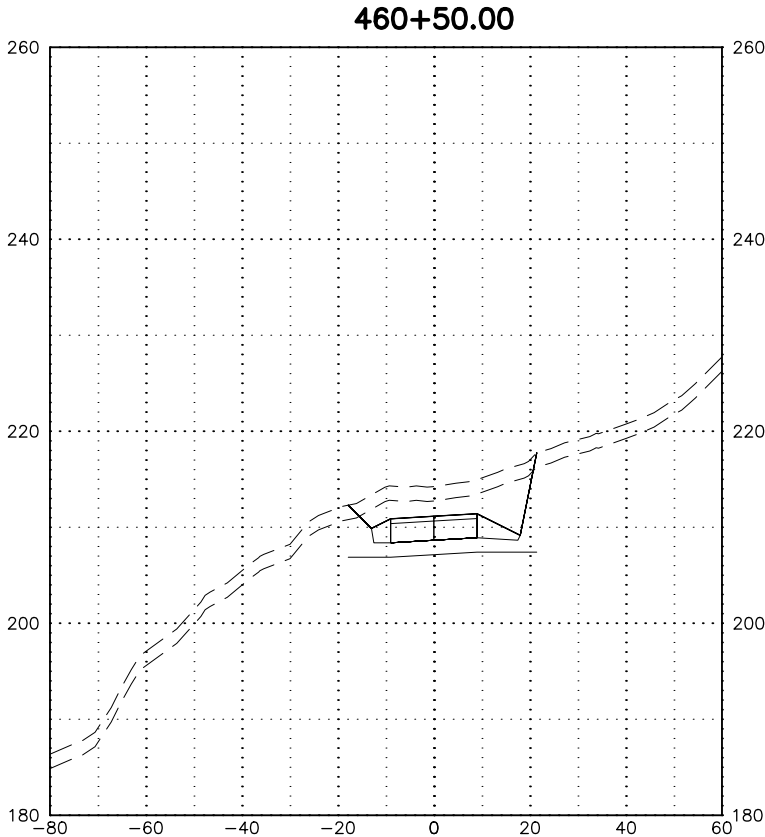
Colin M. Singleton
CE-124820

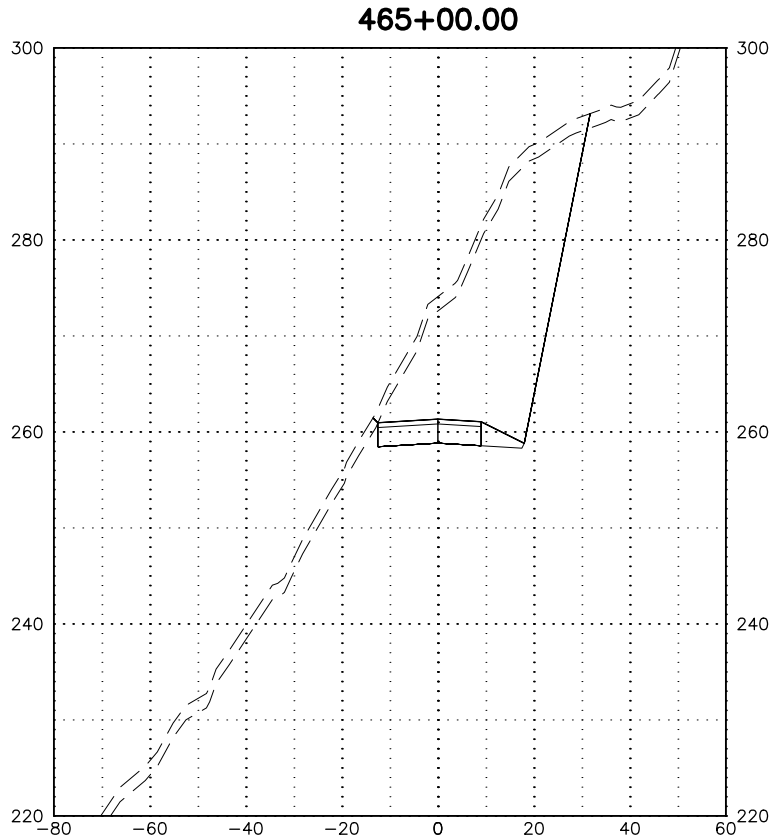
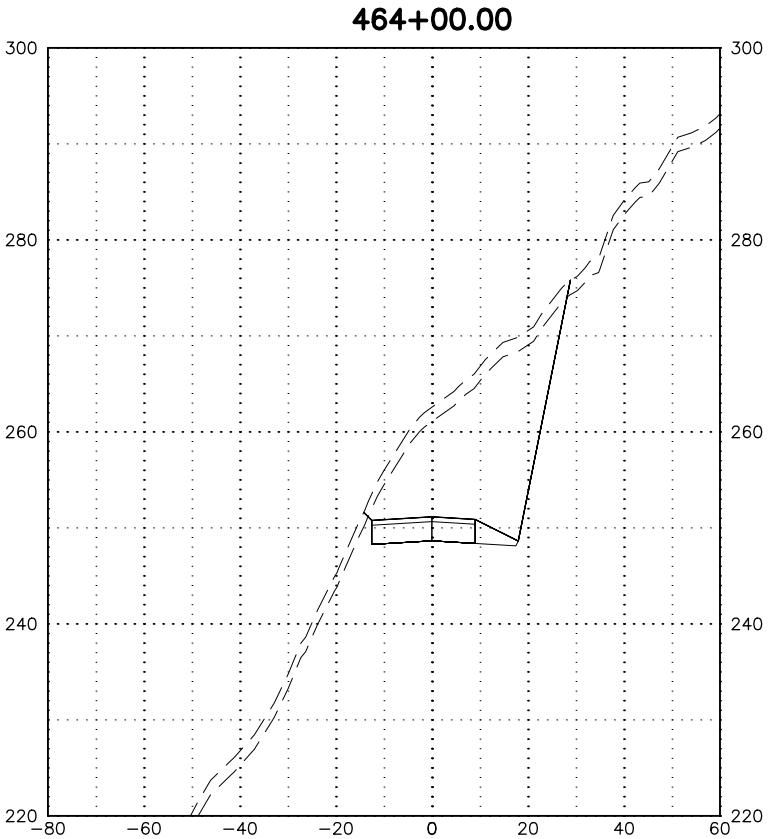
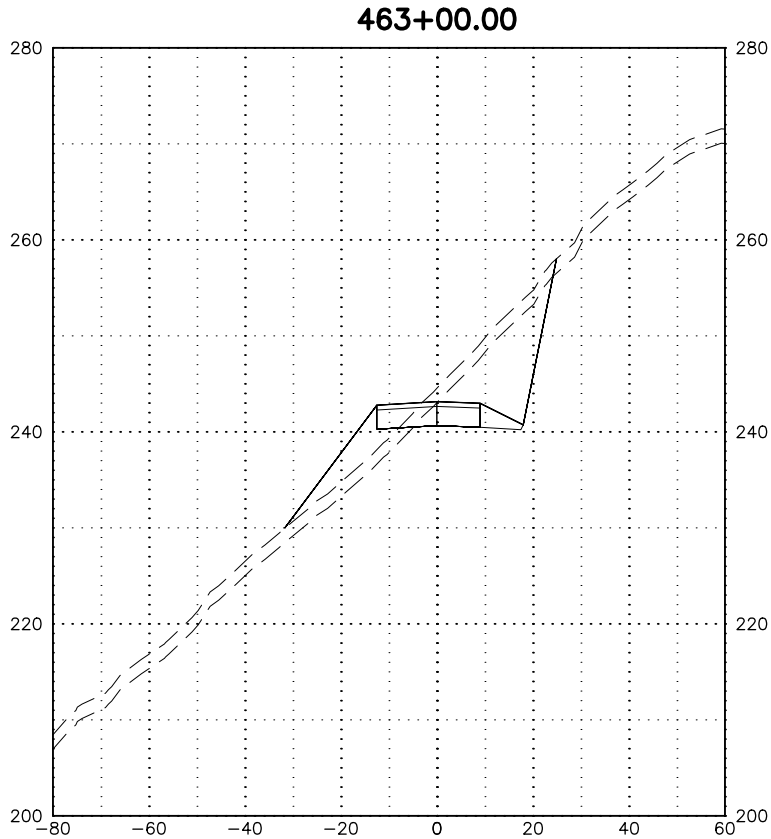
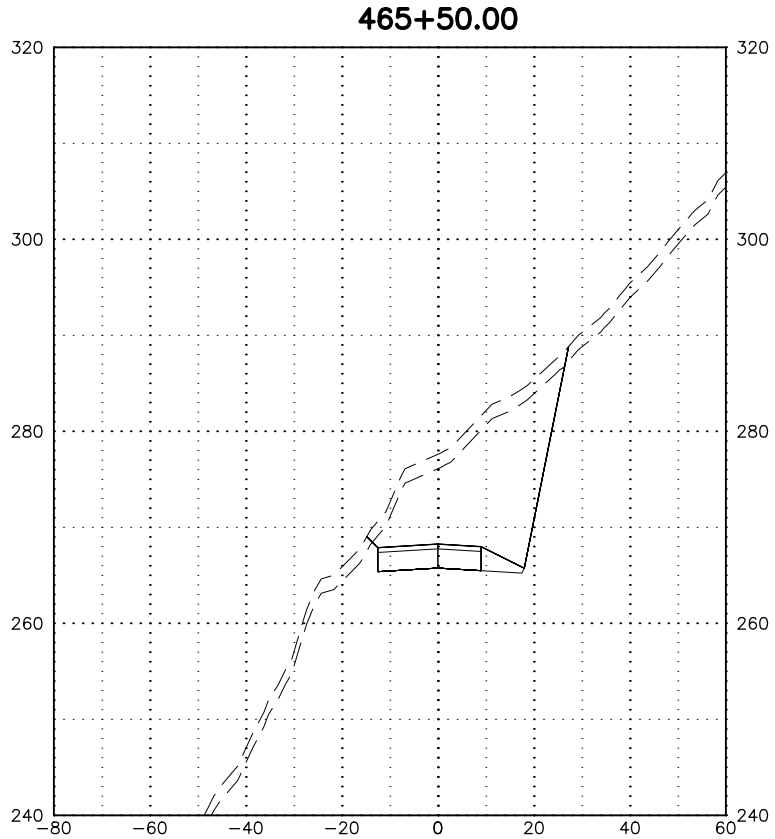
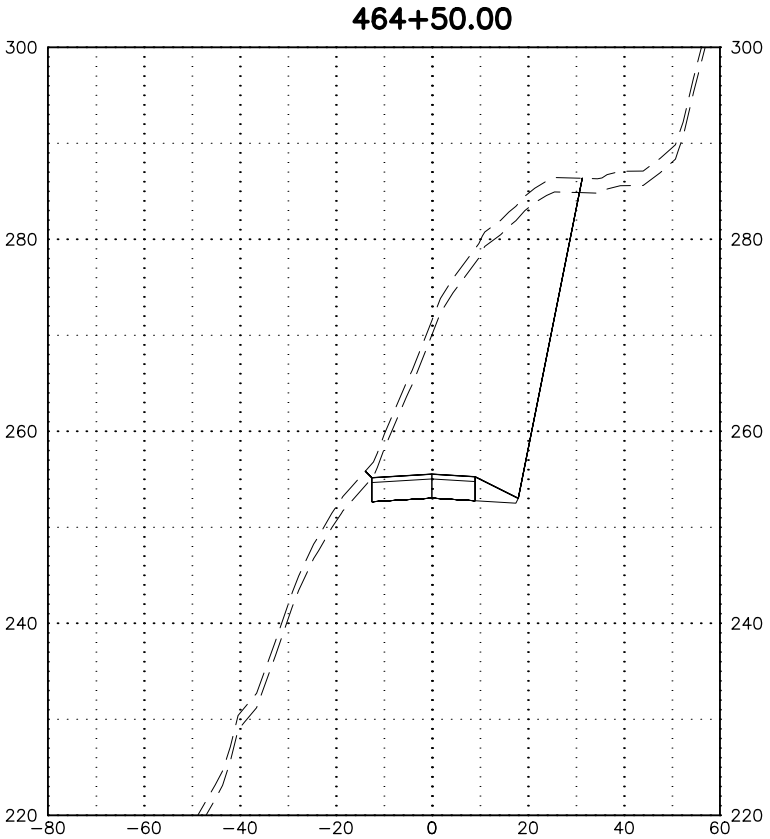
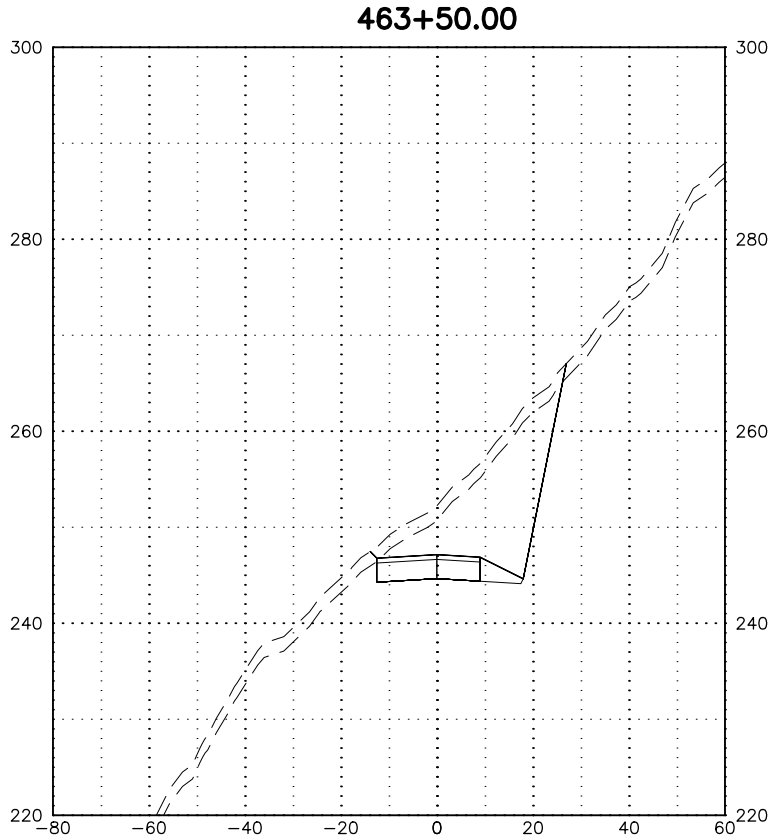
REGISTERED PROFESSIONAL ENGINEER

CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD





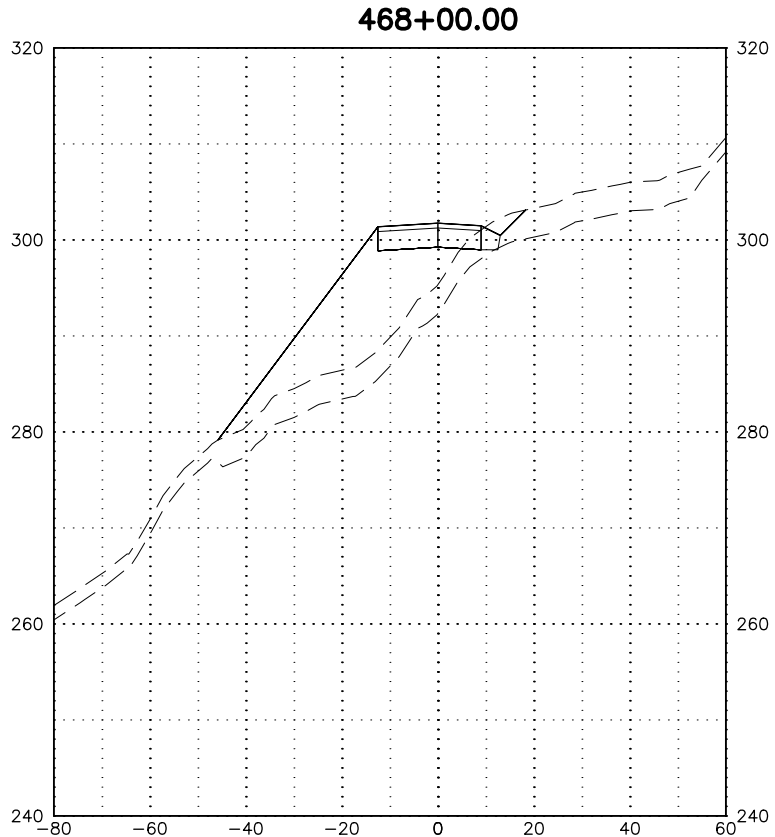
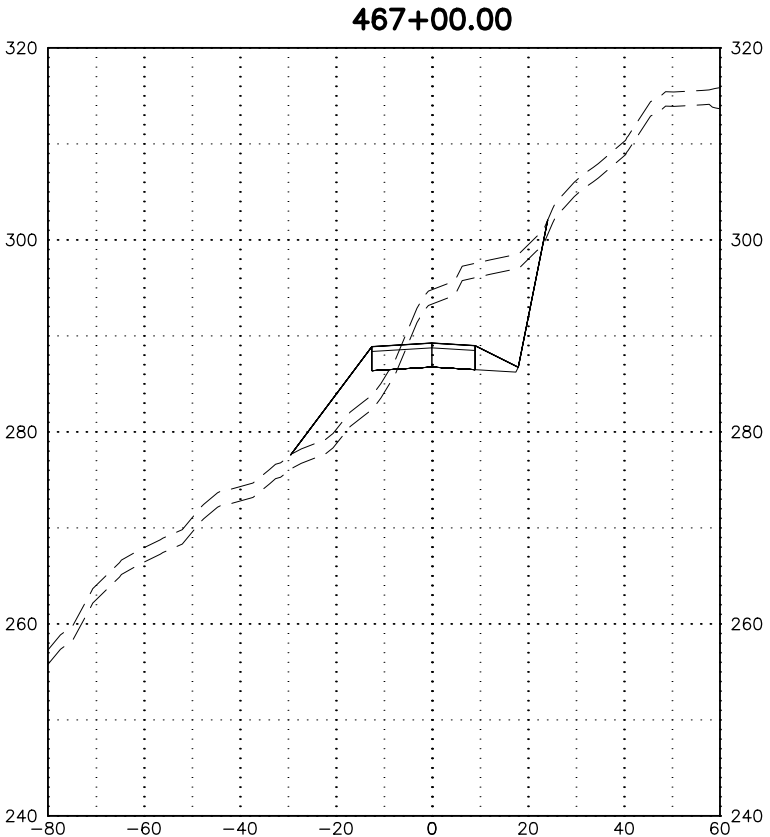
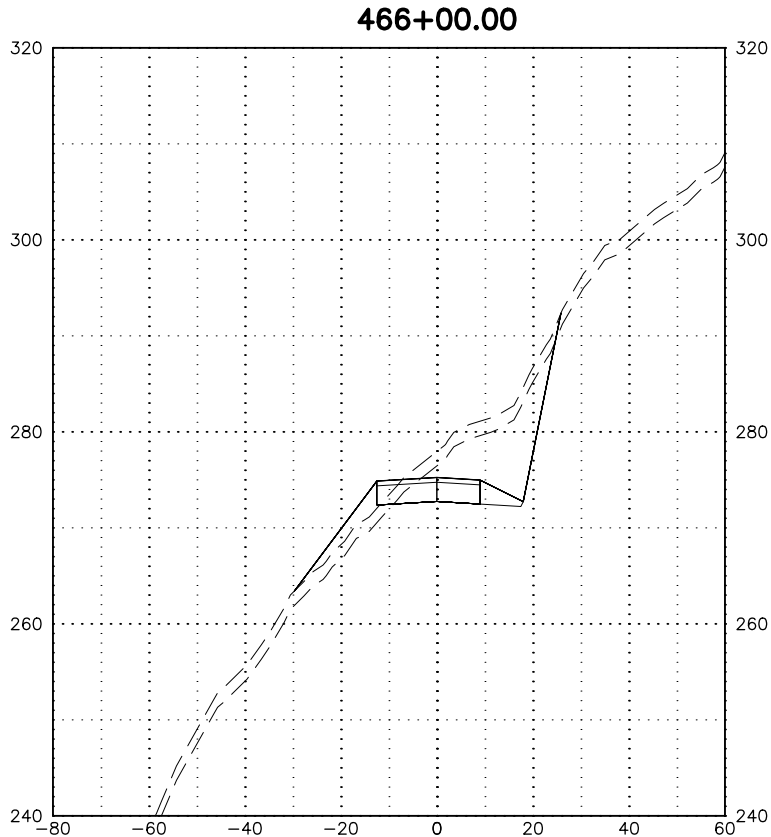
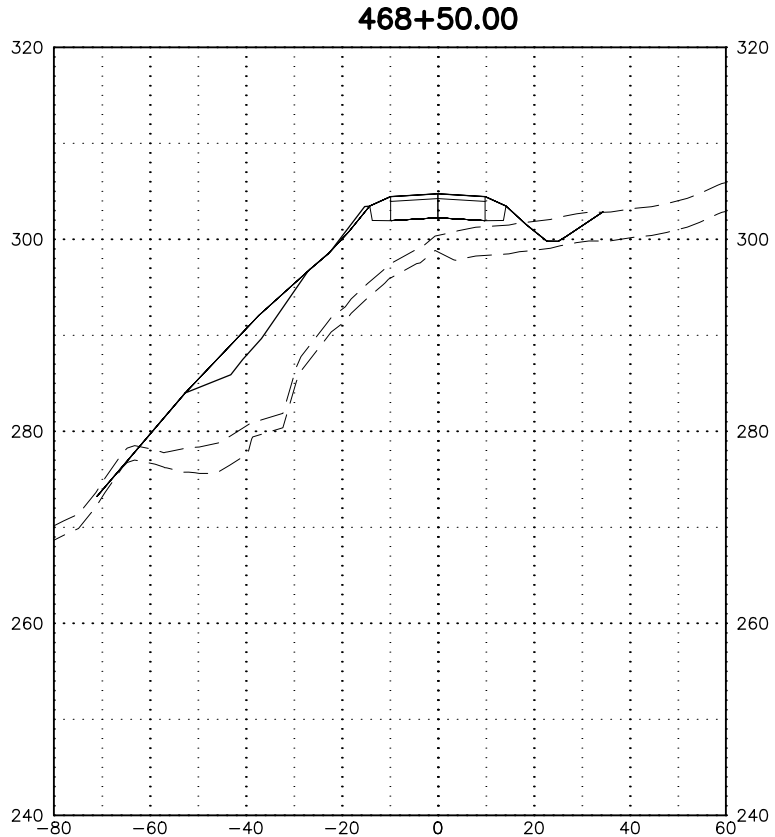
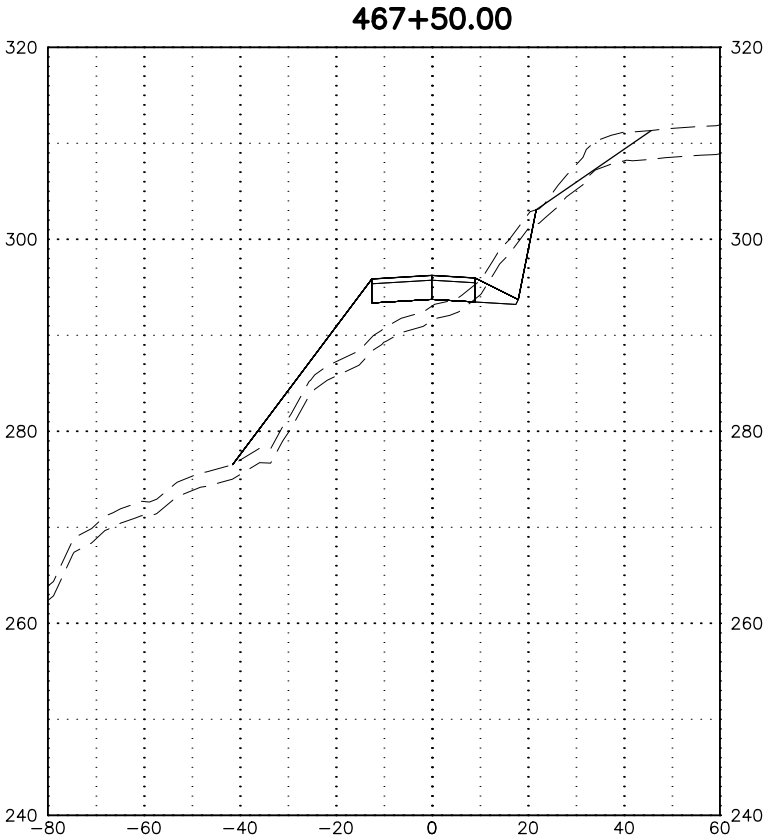
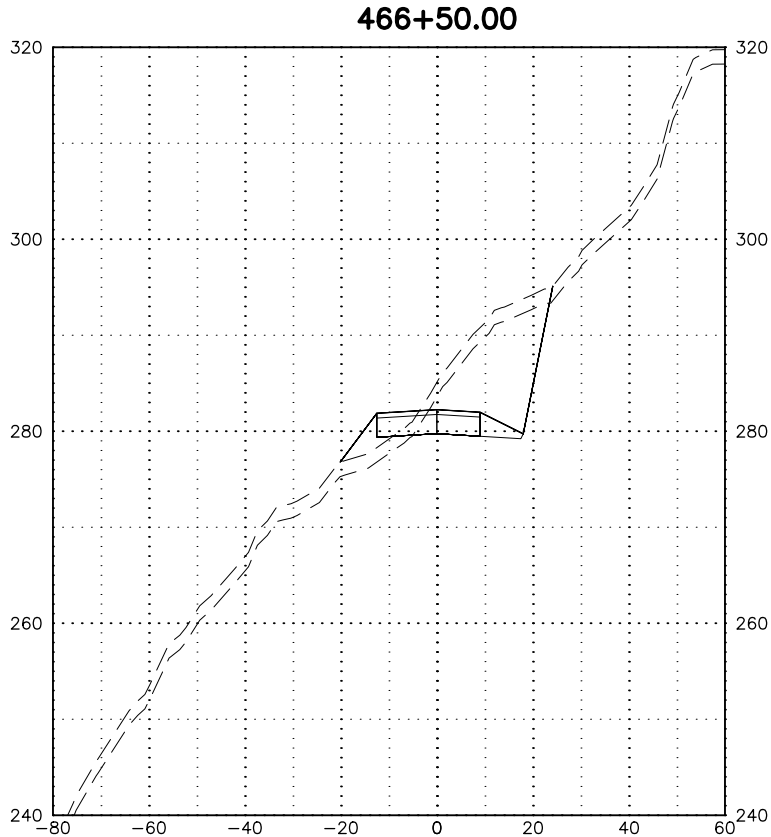
SHEET NO.	TOTAL SHEETS
X72	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



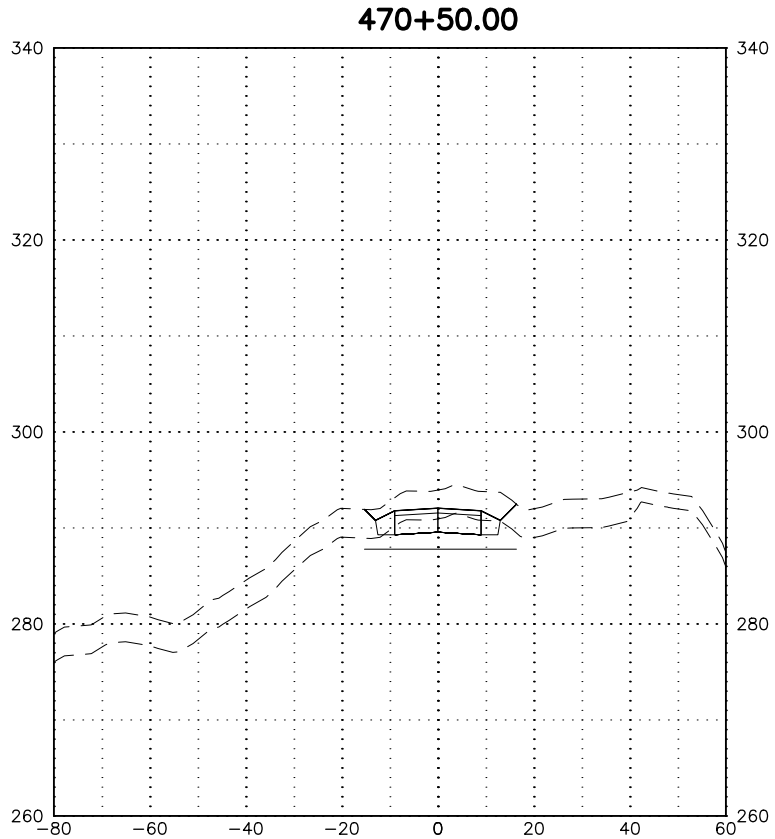
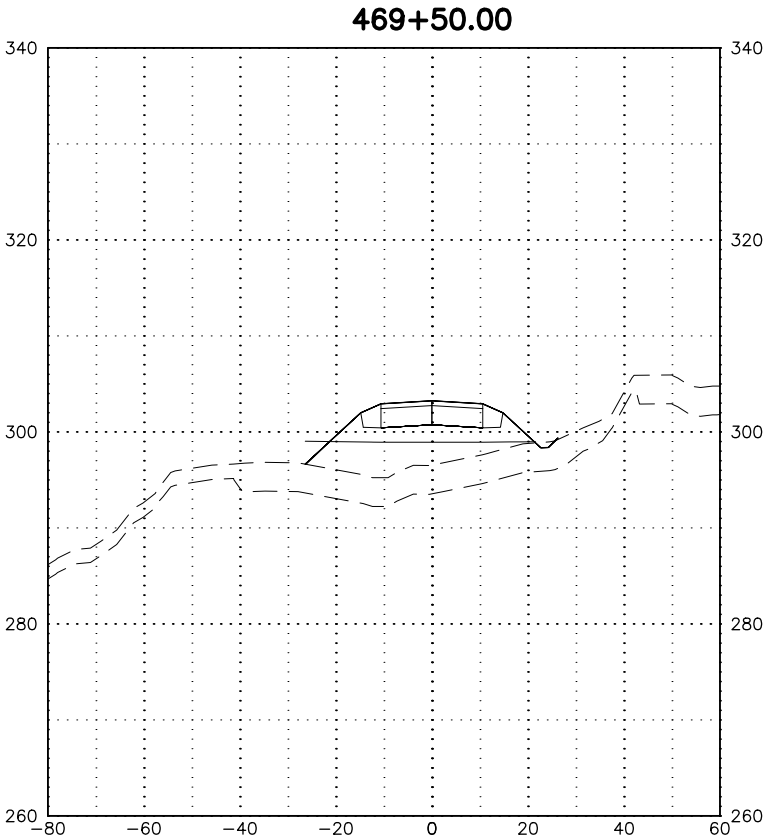
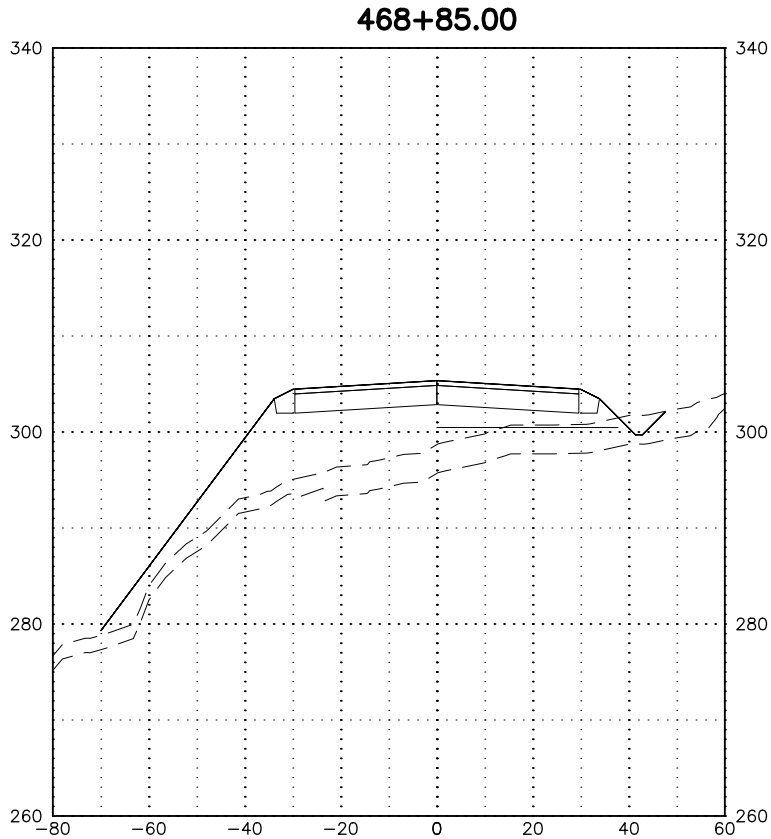
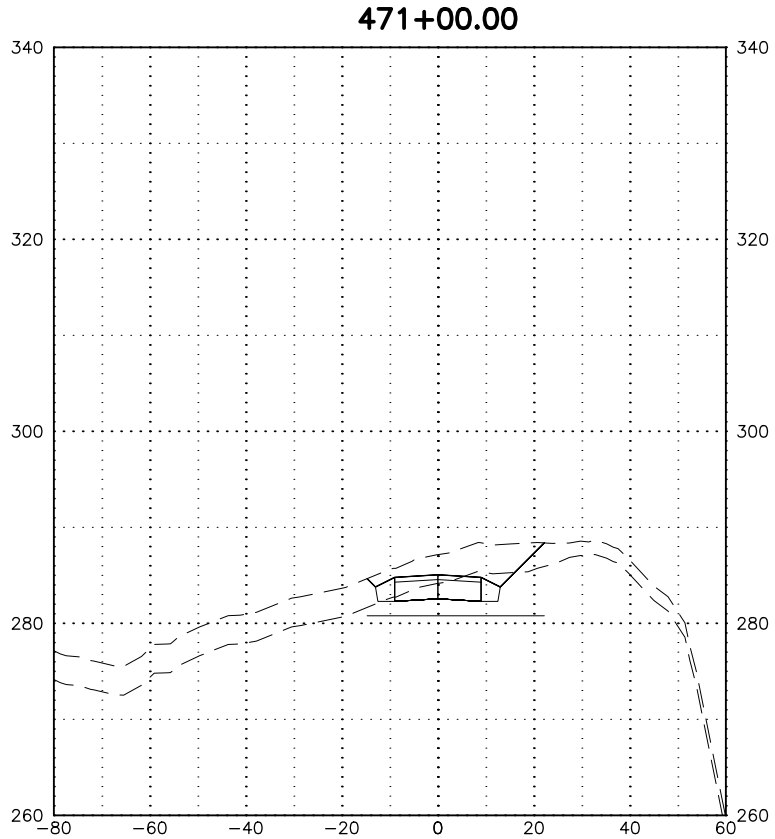
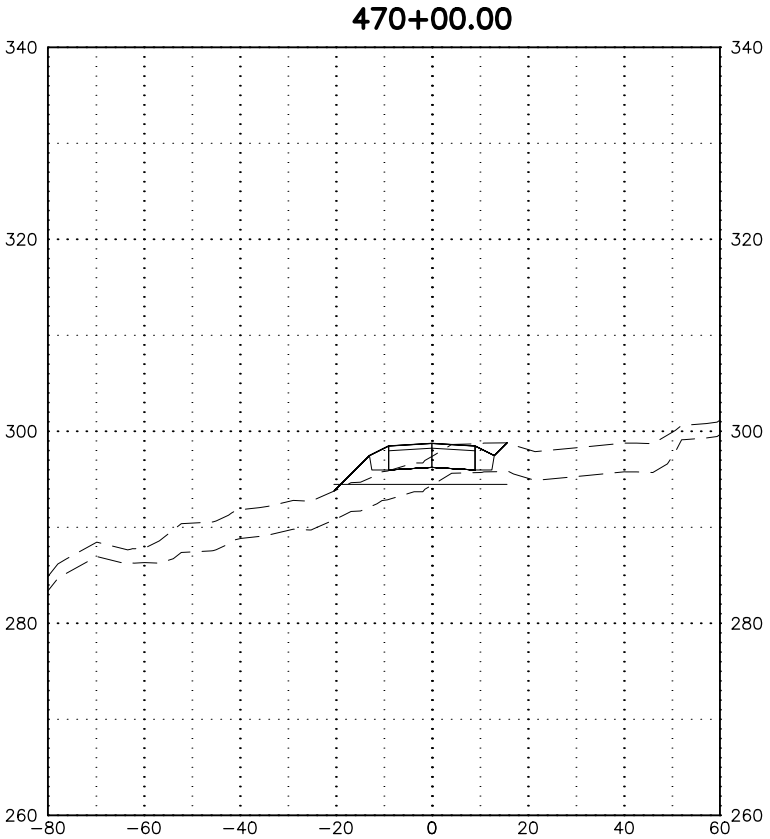
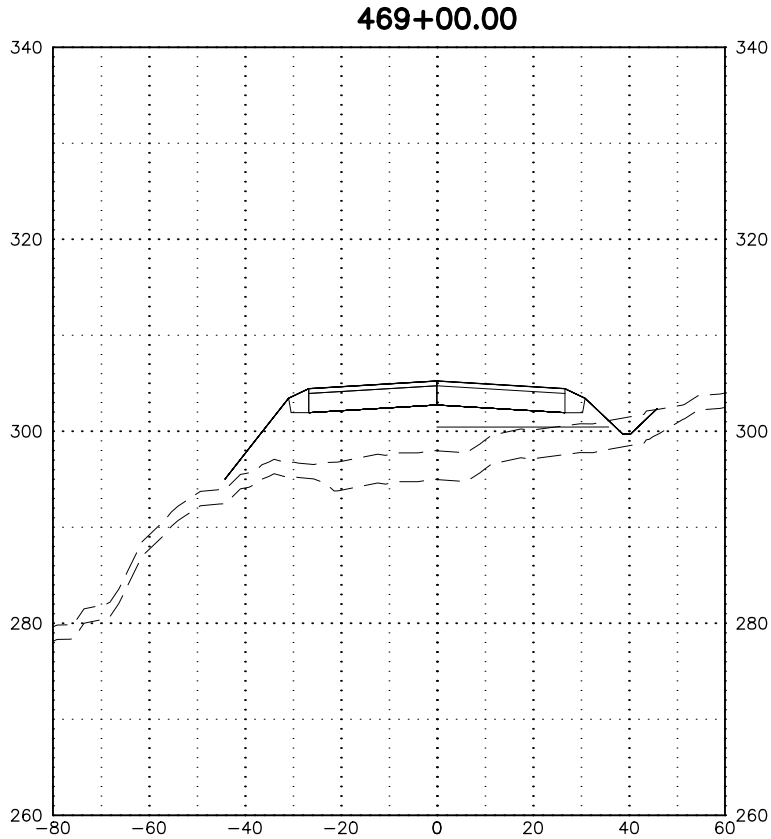
SHEET NO.	TOTAL SHEETS
X73	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
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(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



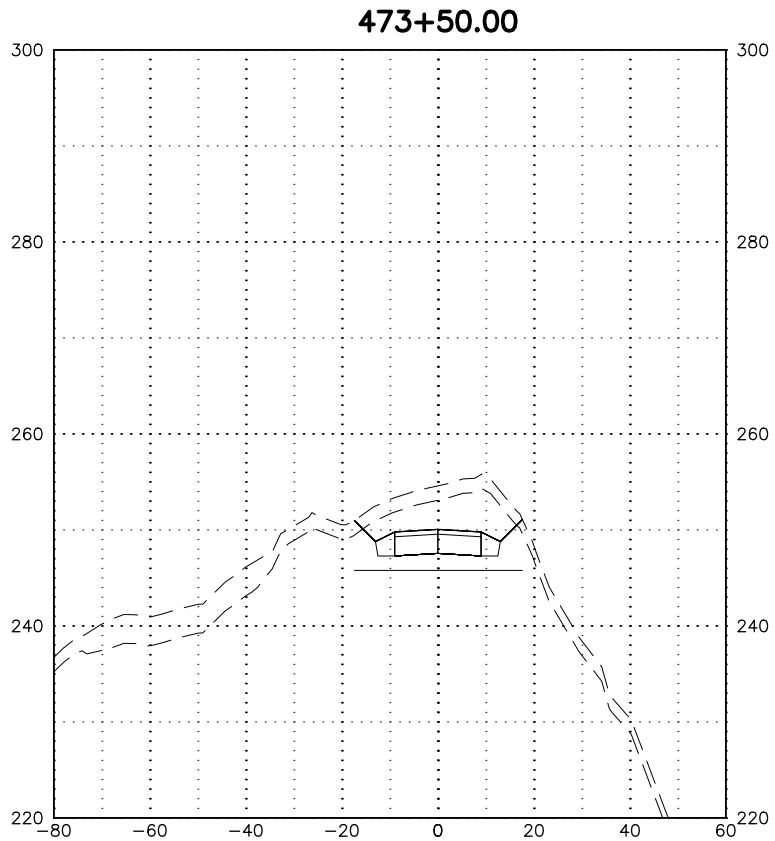
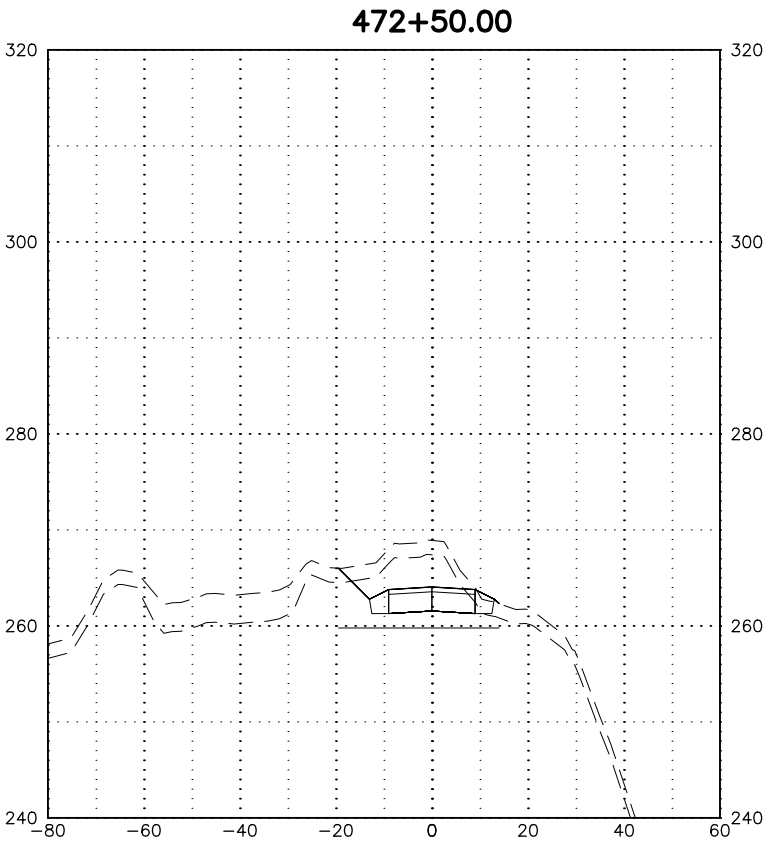
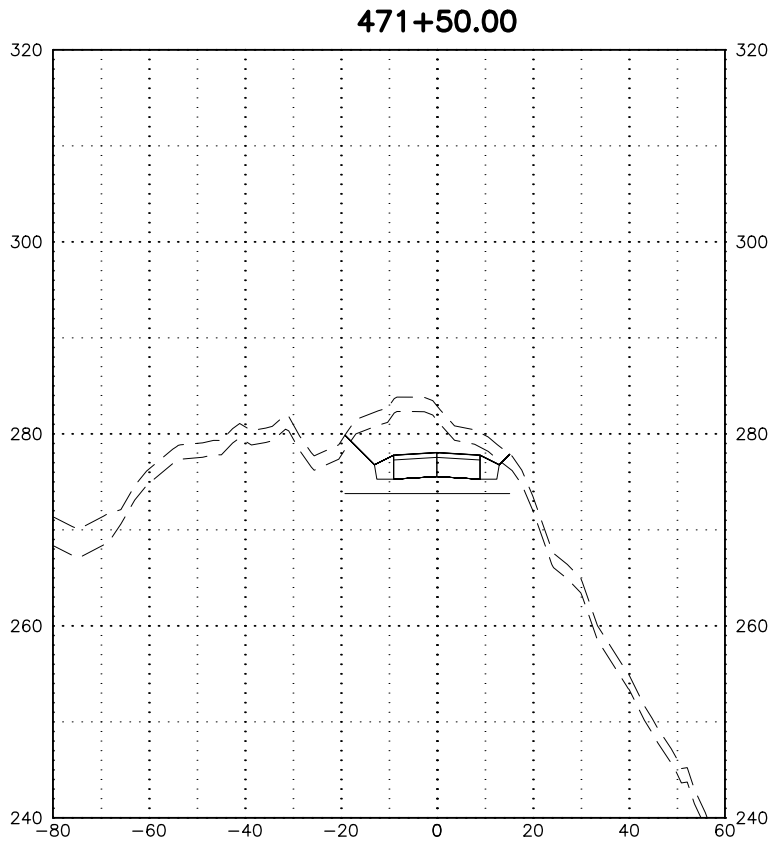
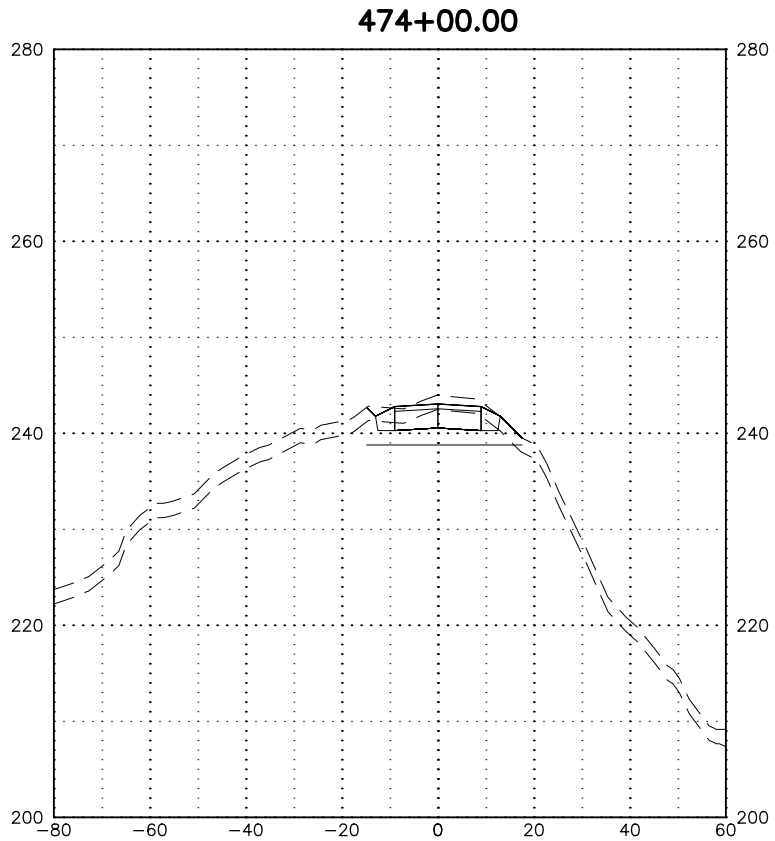
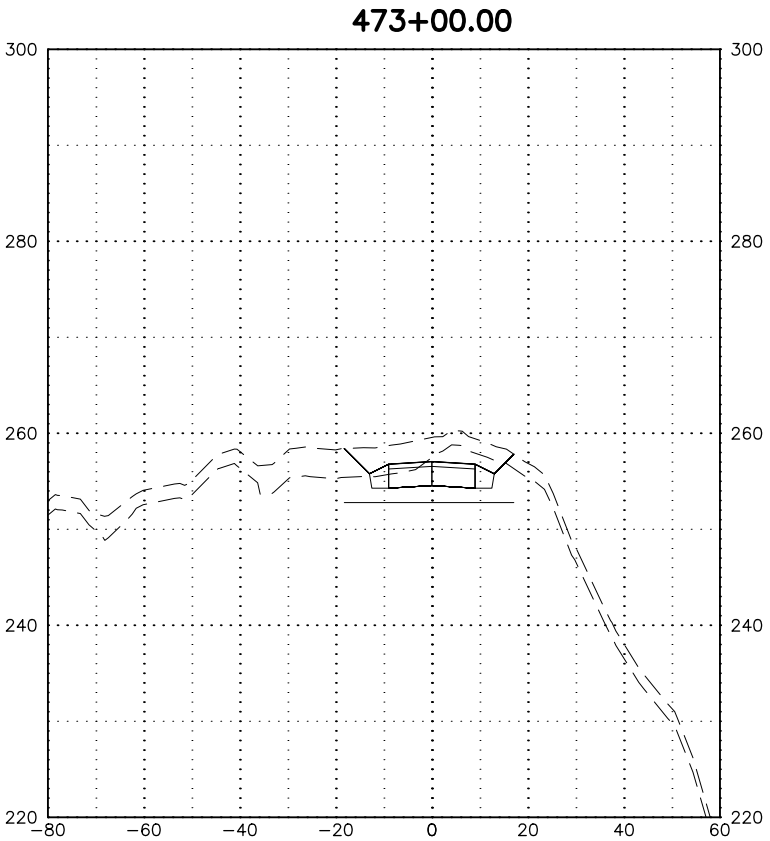
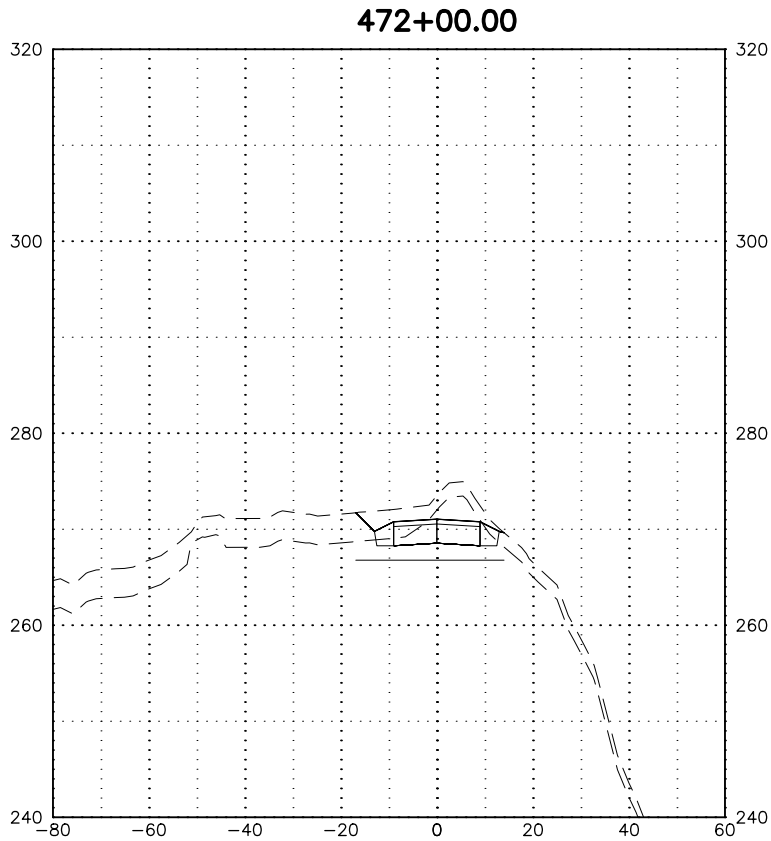
SHEET NO.	TOTAL SHEETS
X74	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



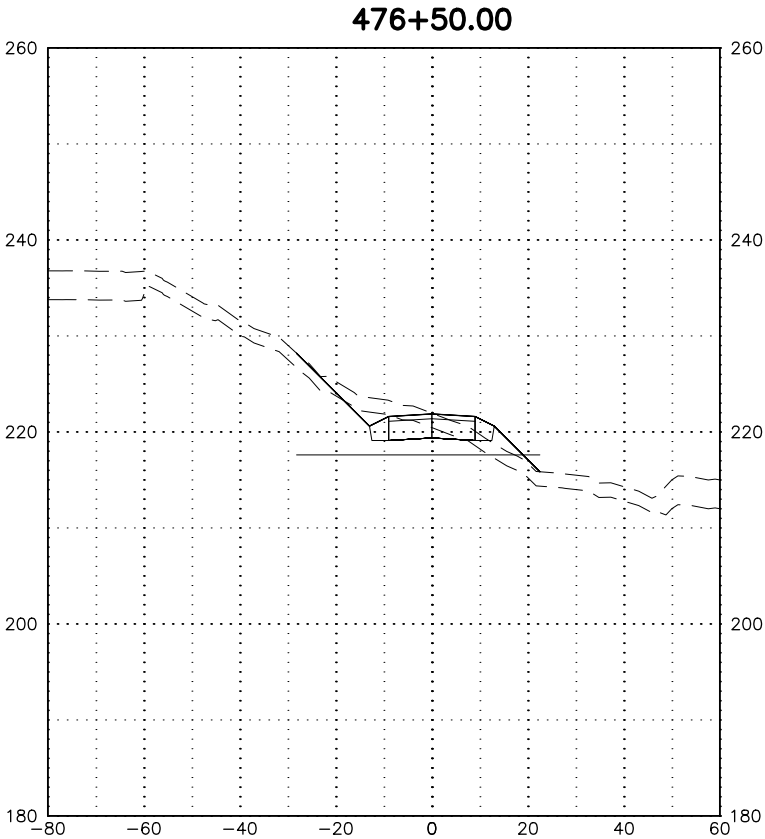
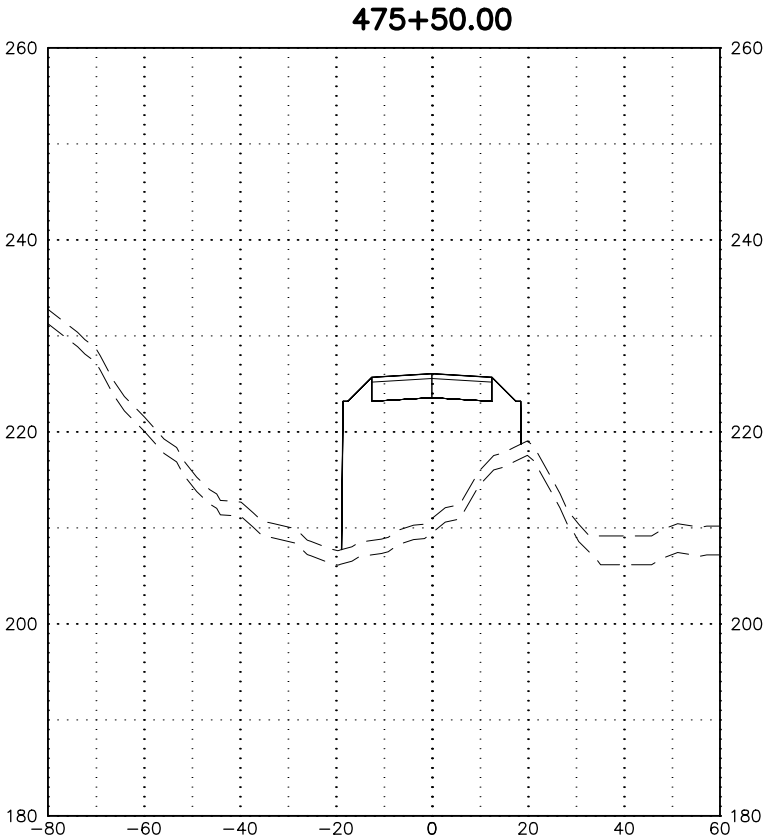
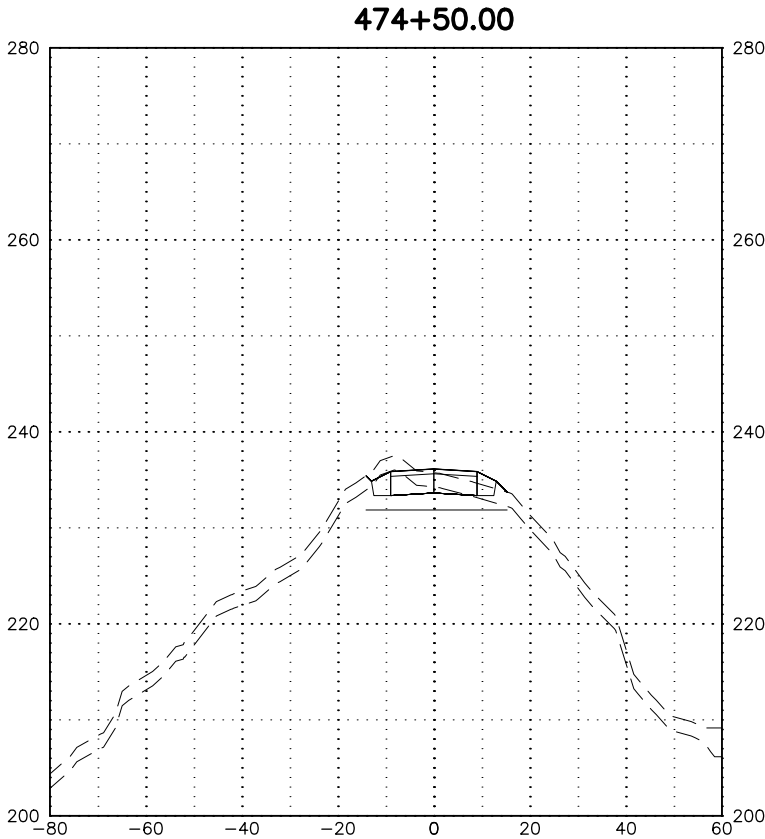
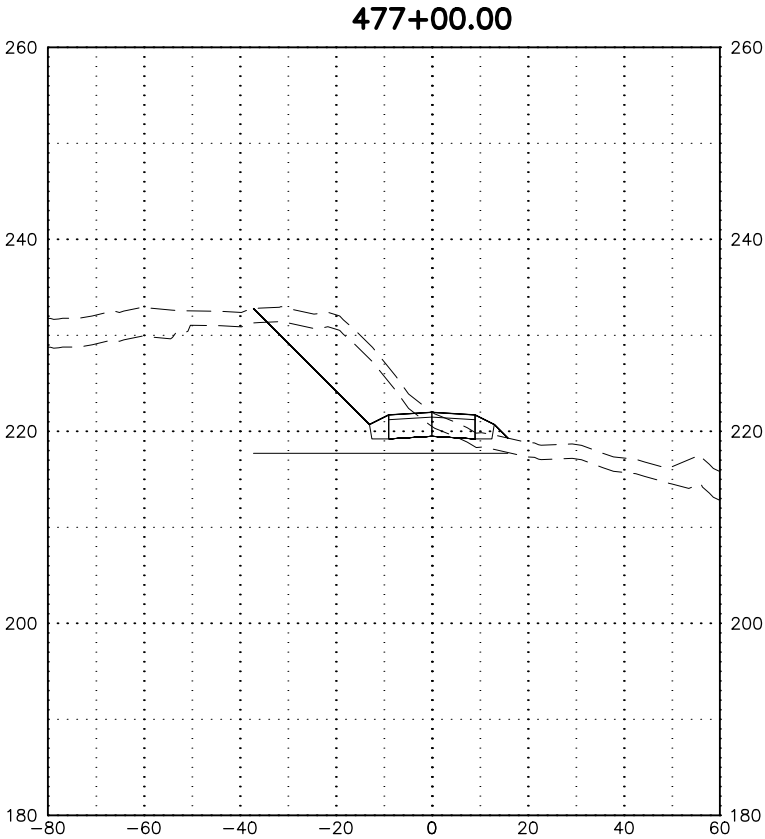
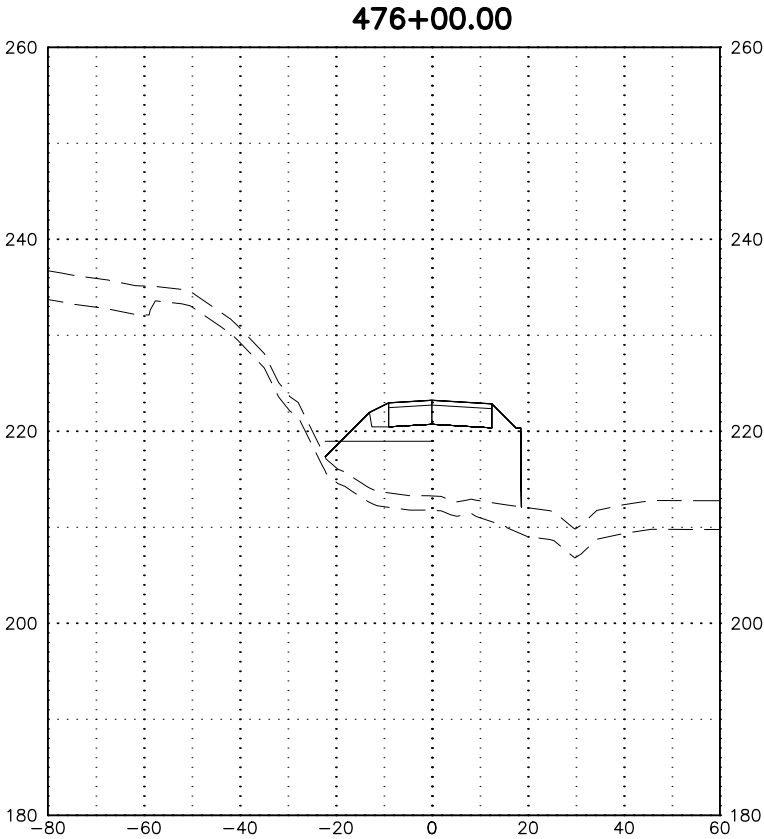
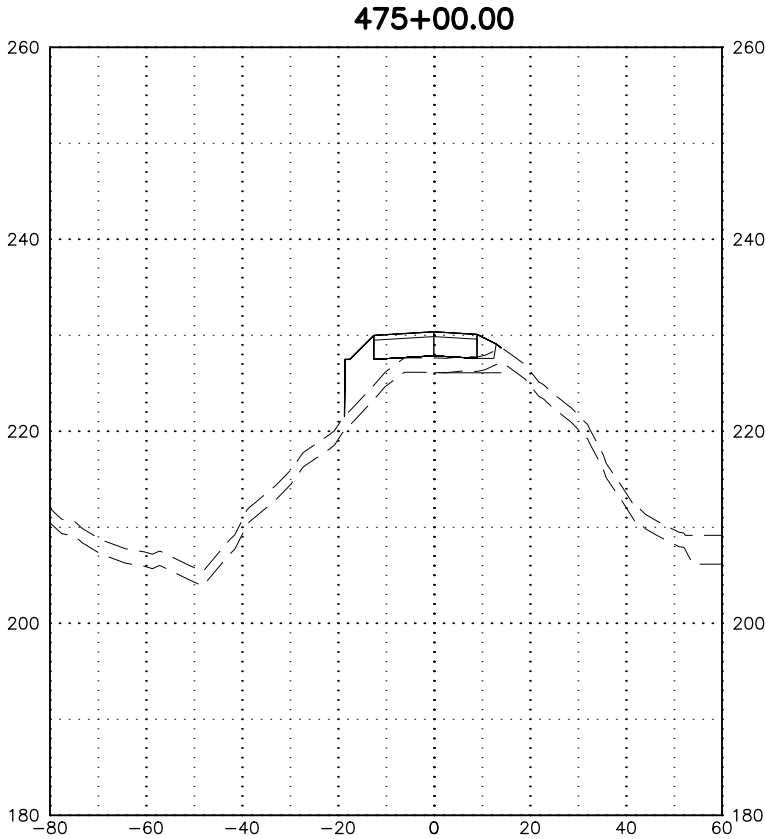
SHEET NO.	TOTAL SHEETS
X75	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

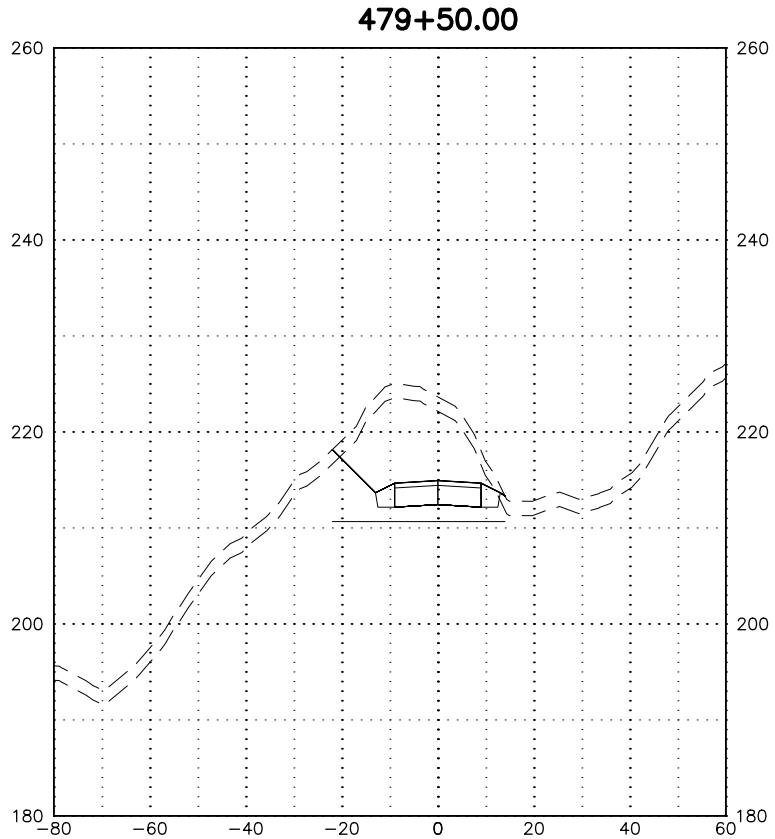
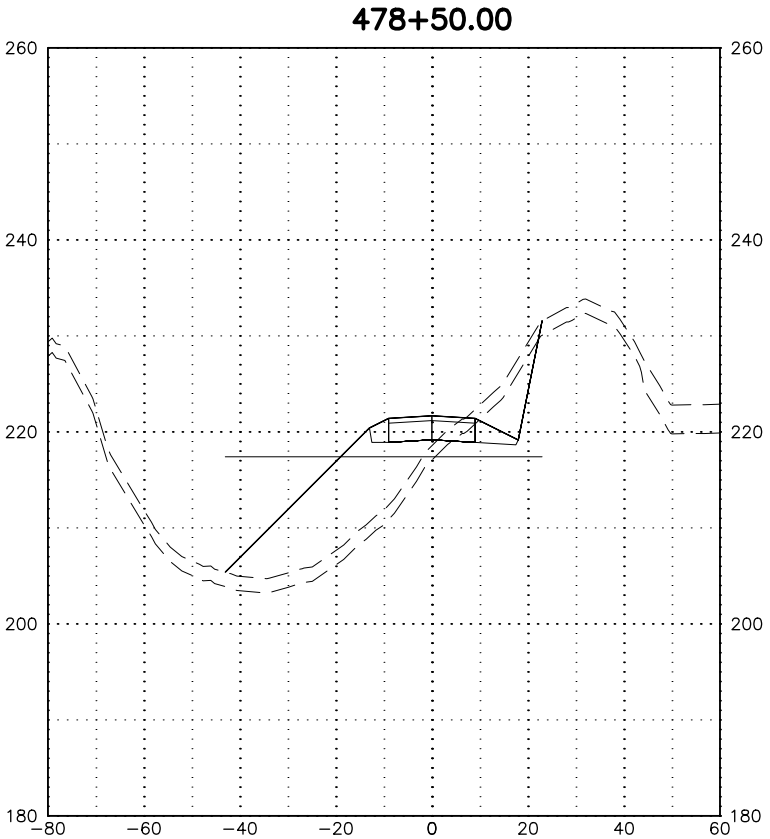
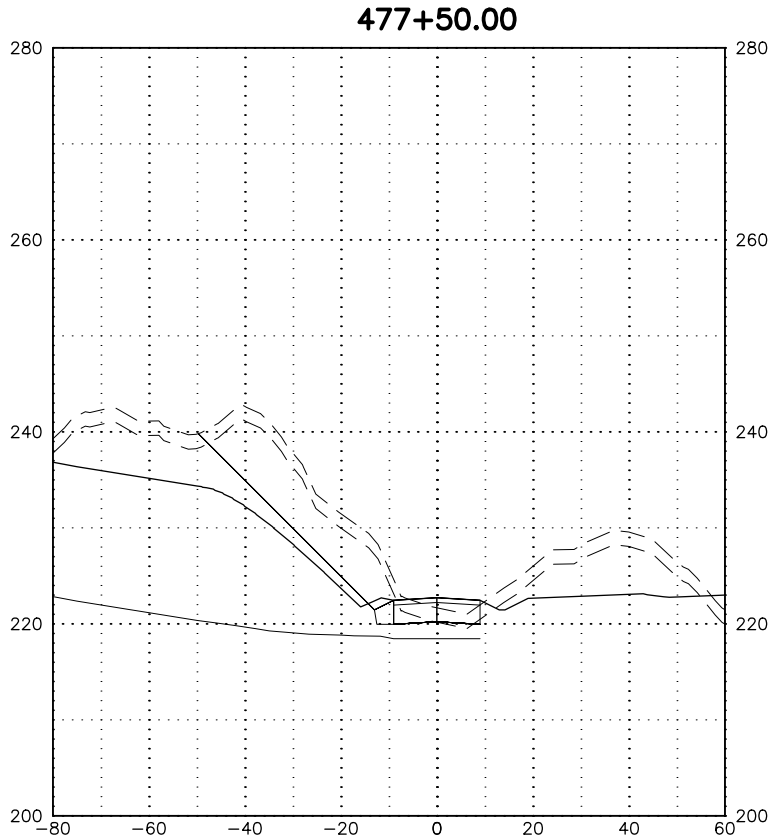
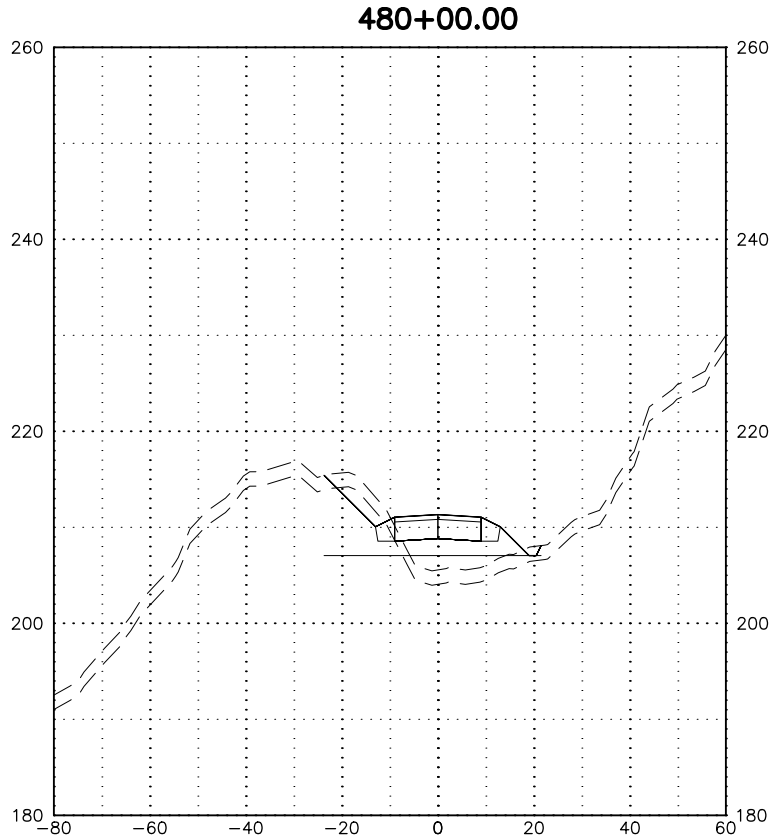
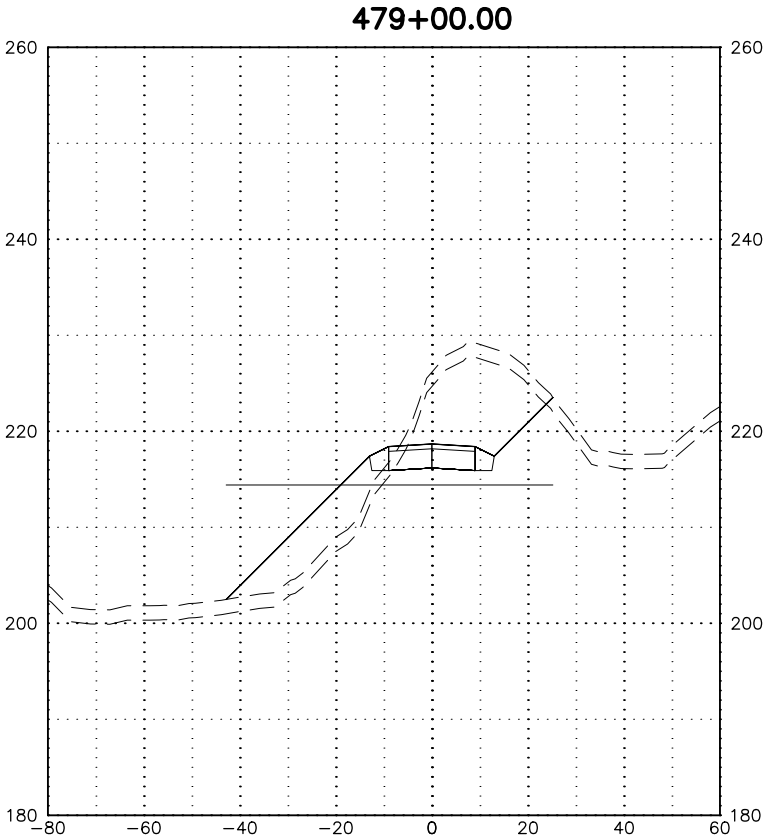
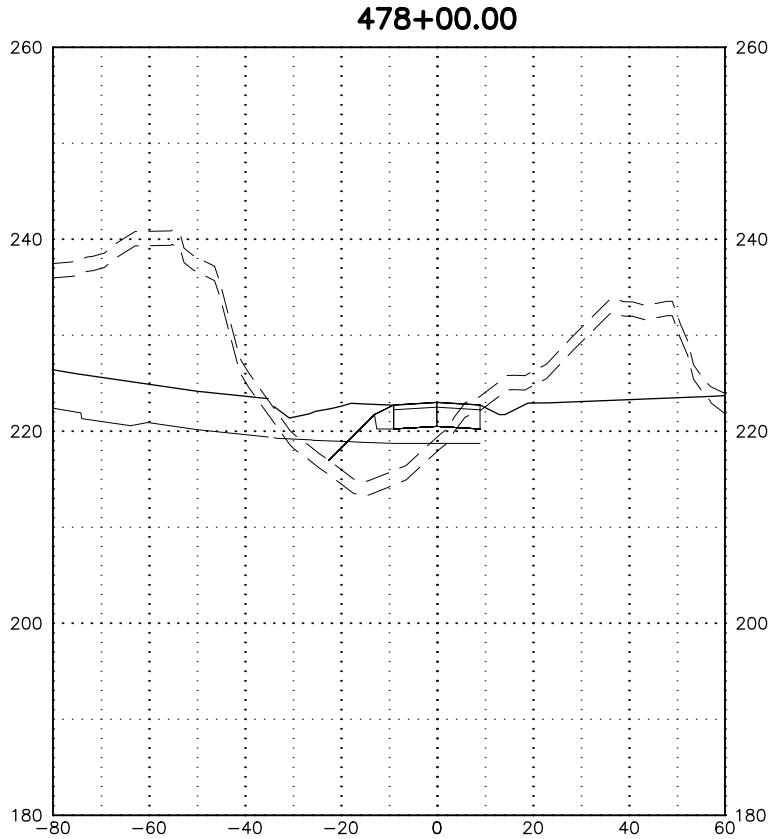


CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD





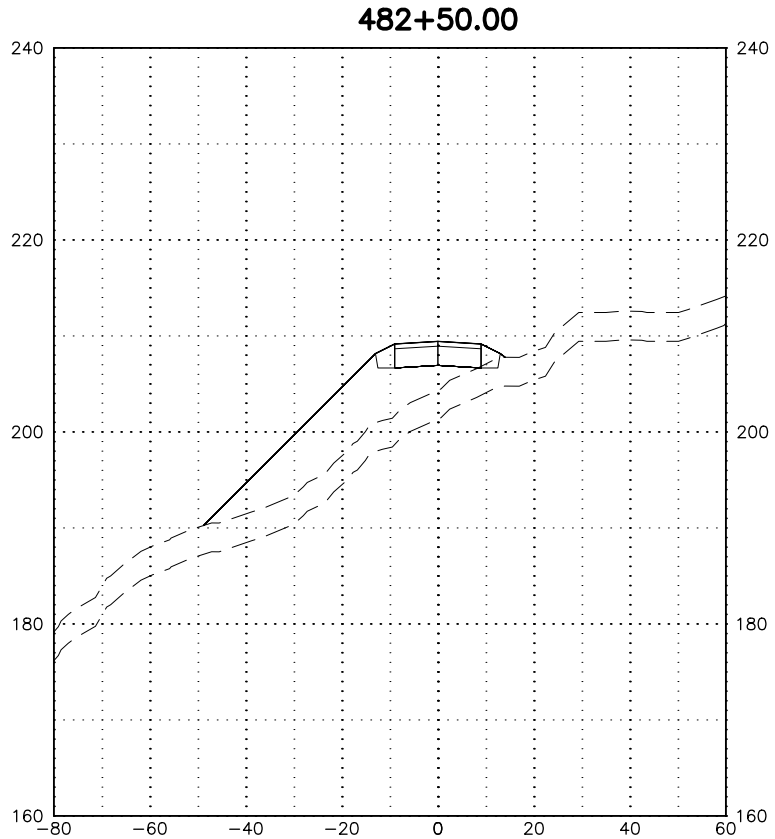
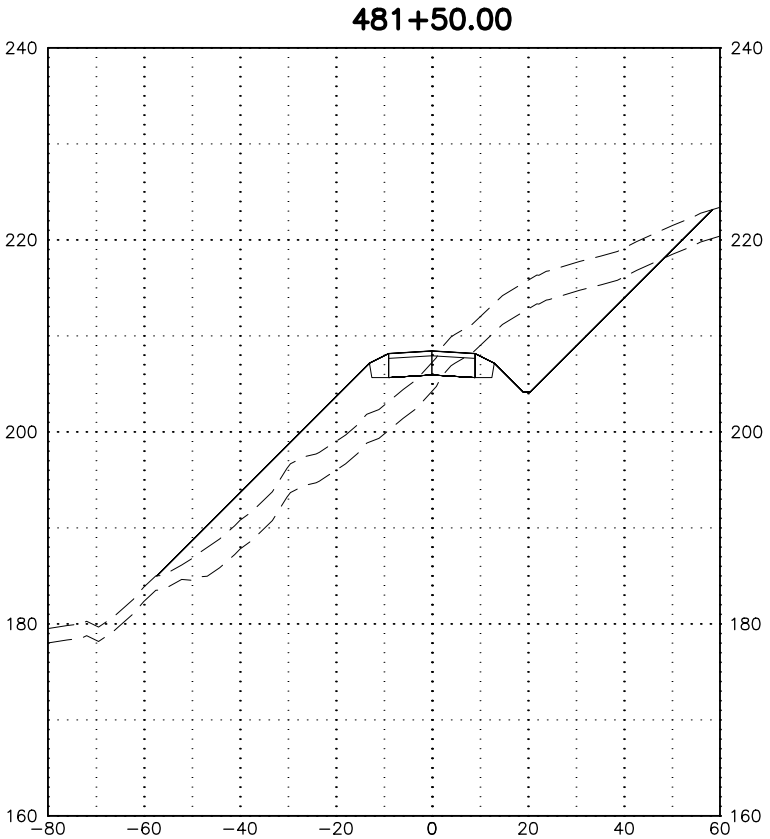
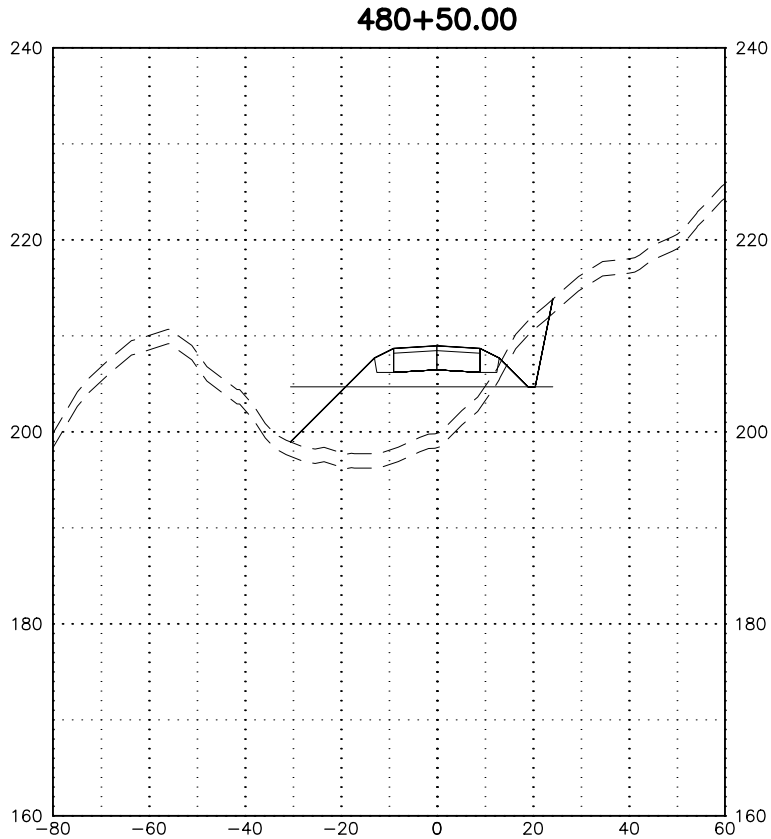
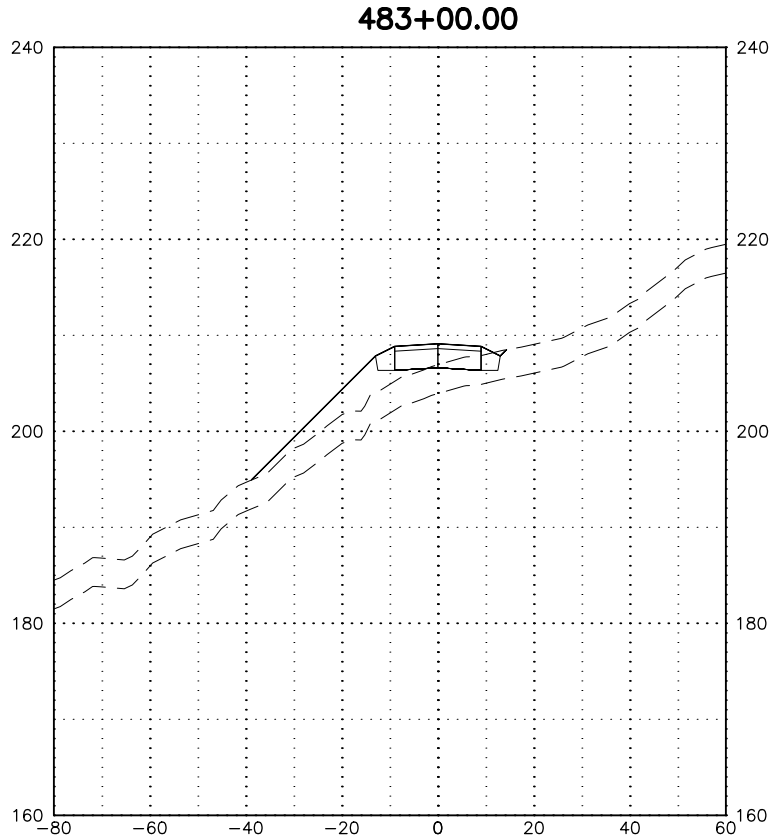
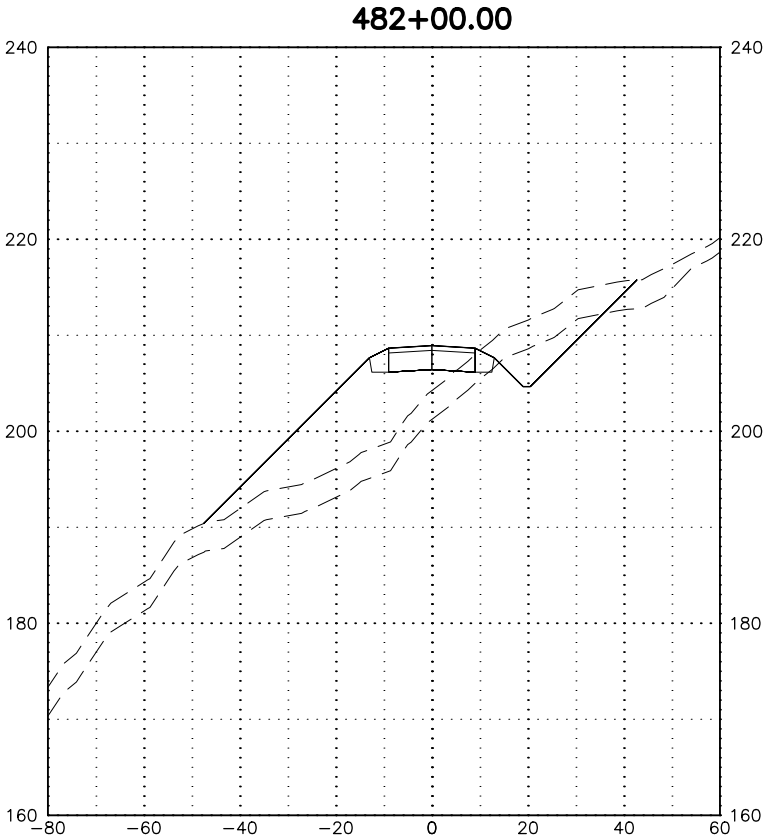
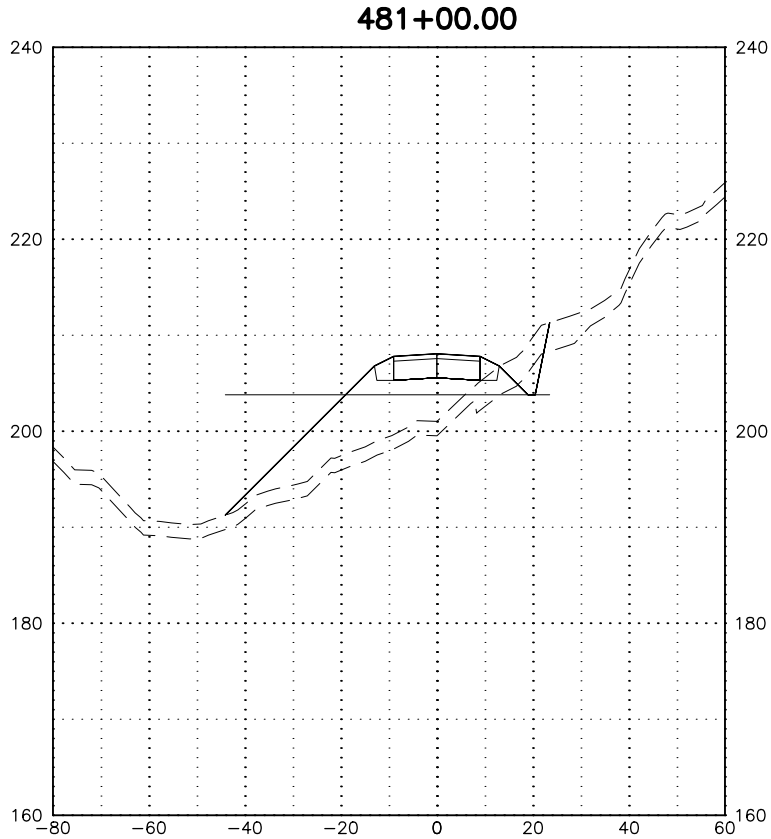
SHEET NO.	TOTAL SHEETS
X77	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

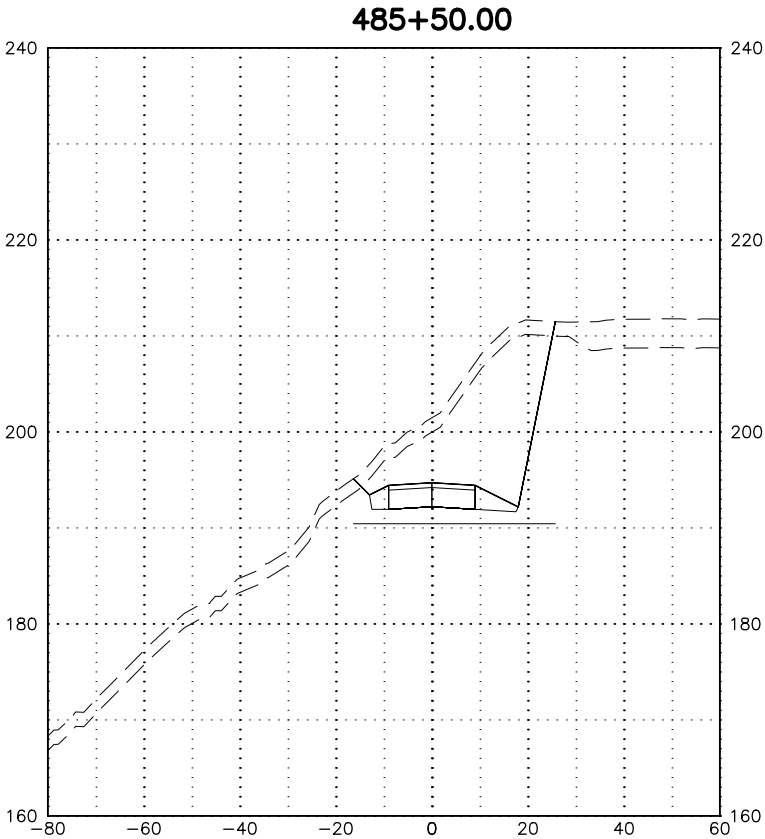
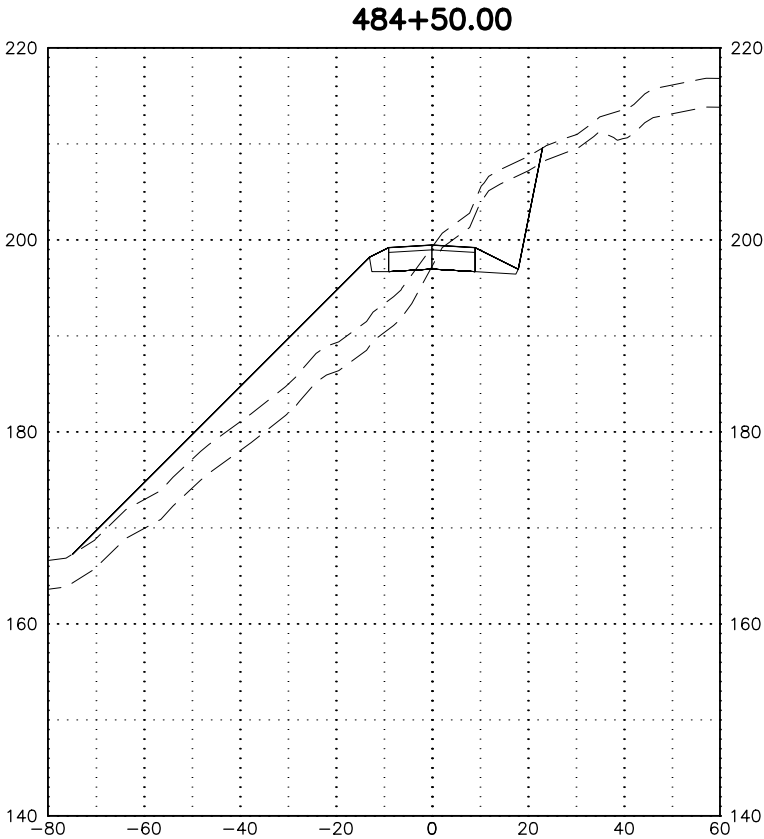
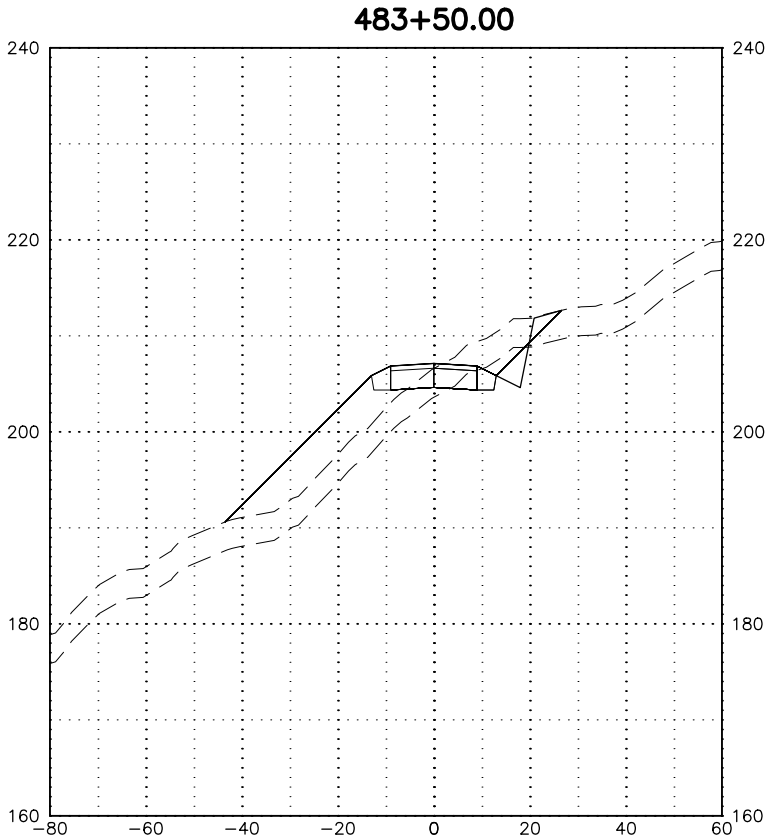
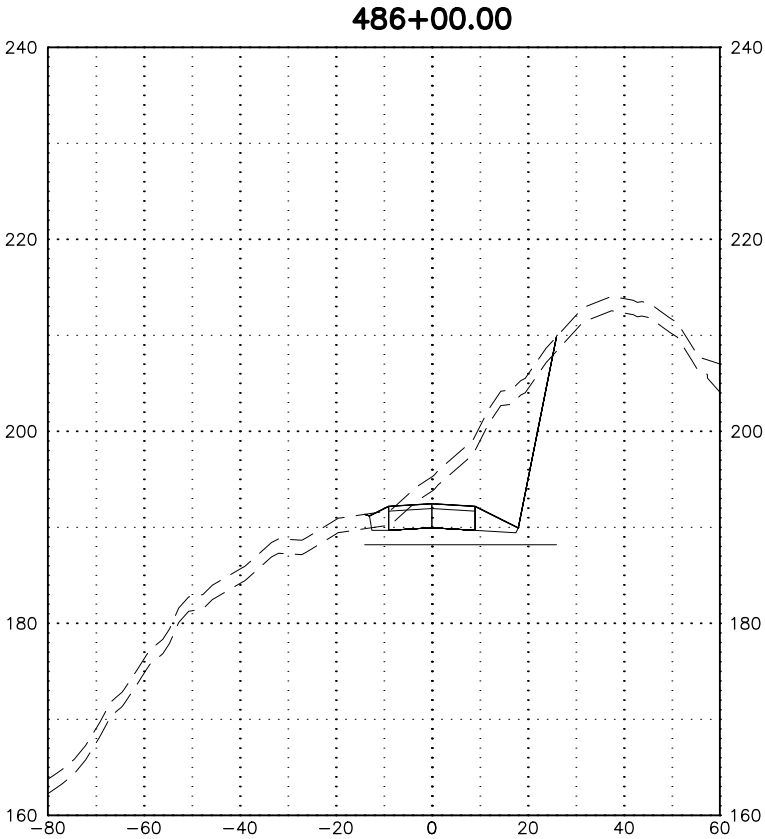
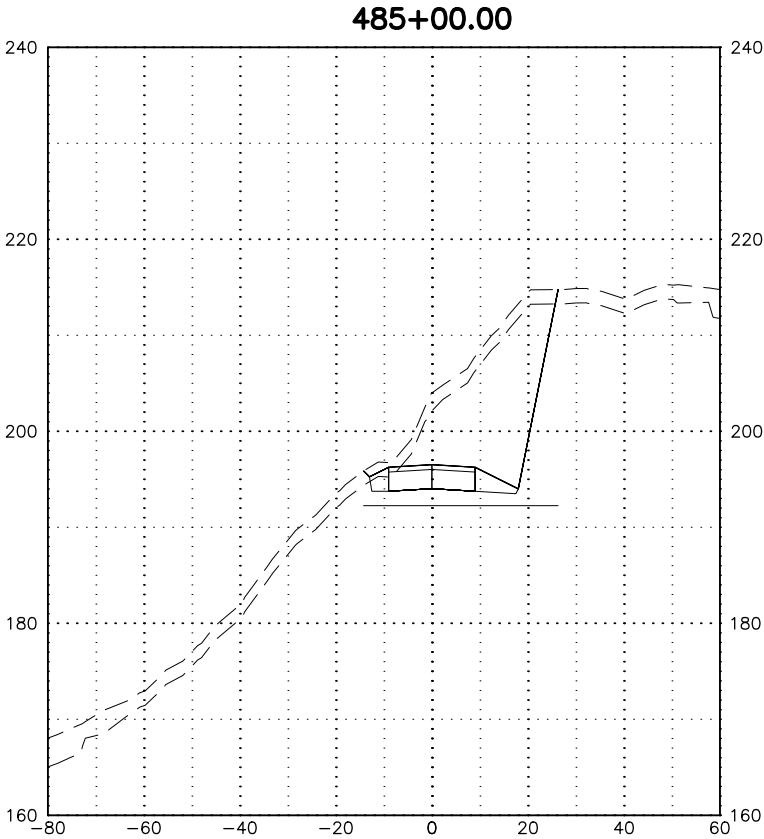
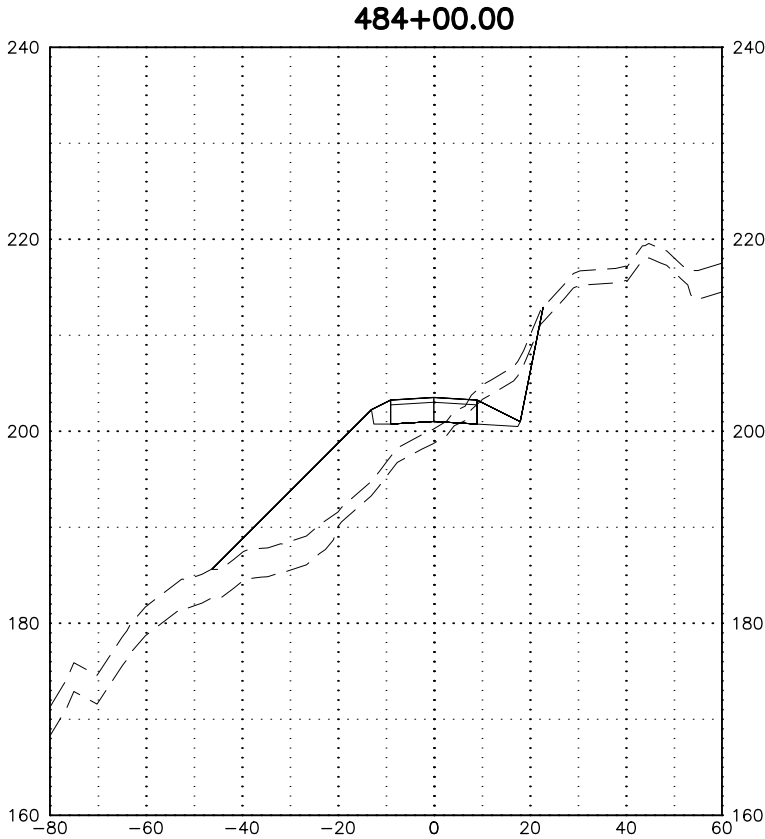


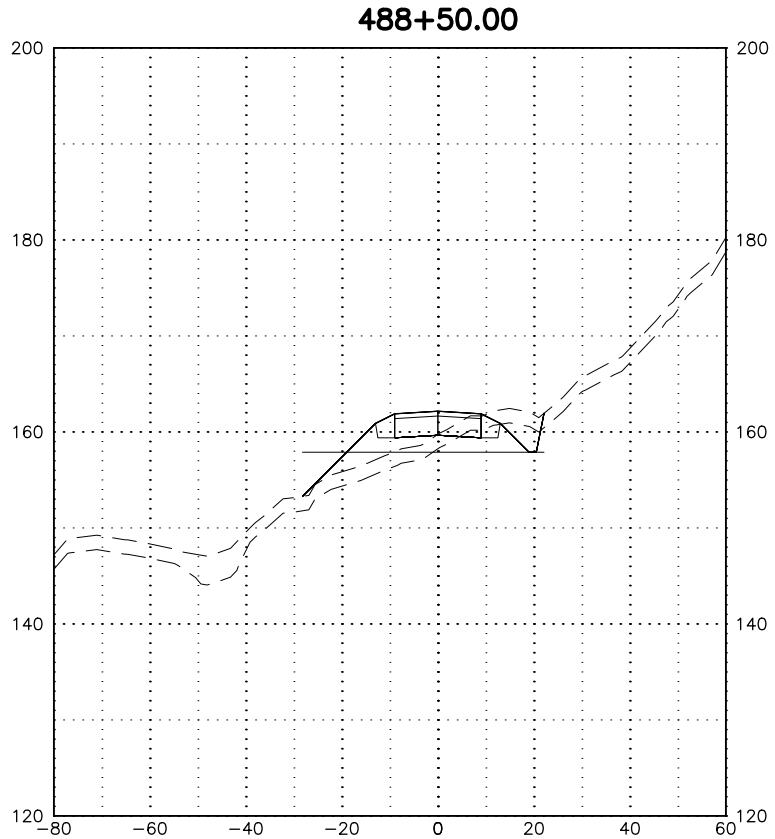
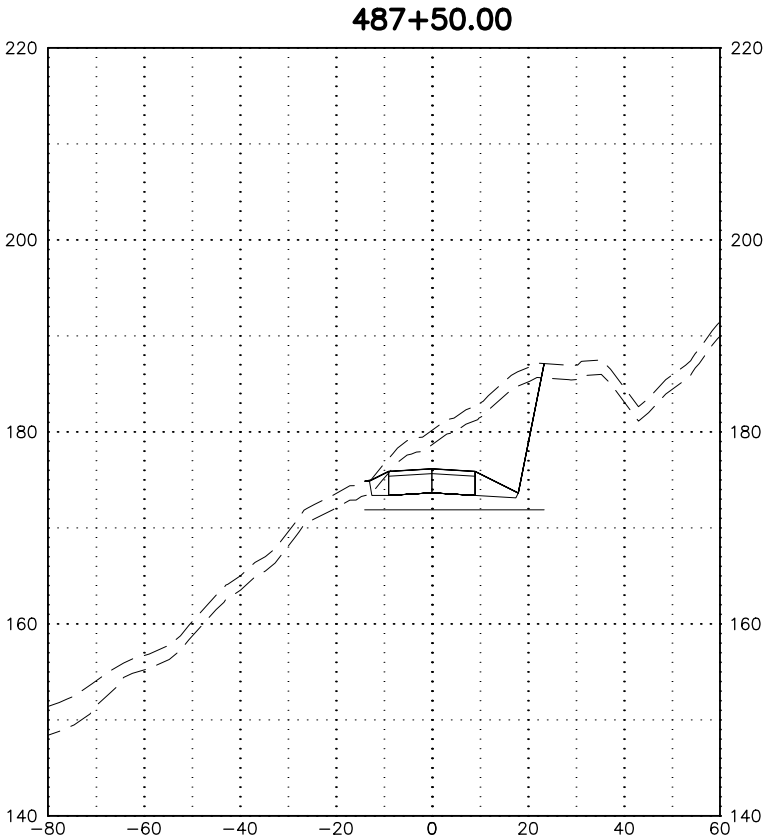
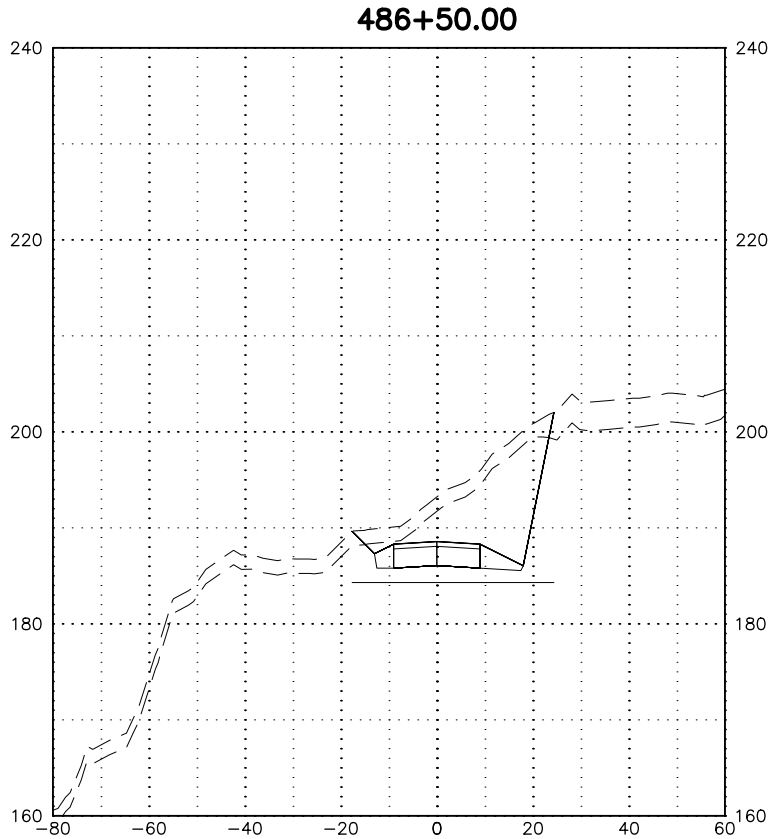
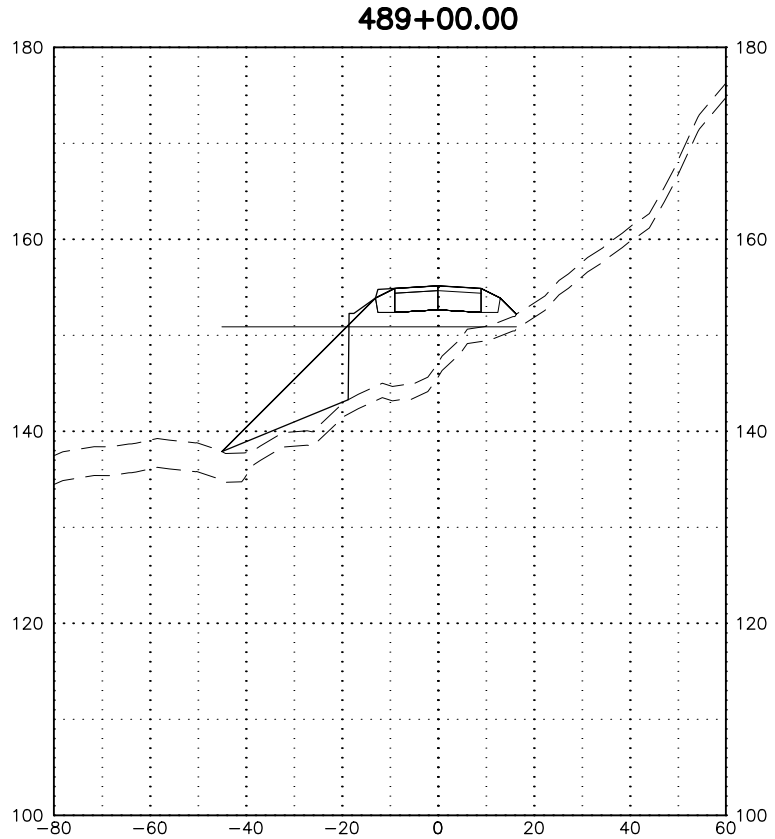
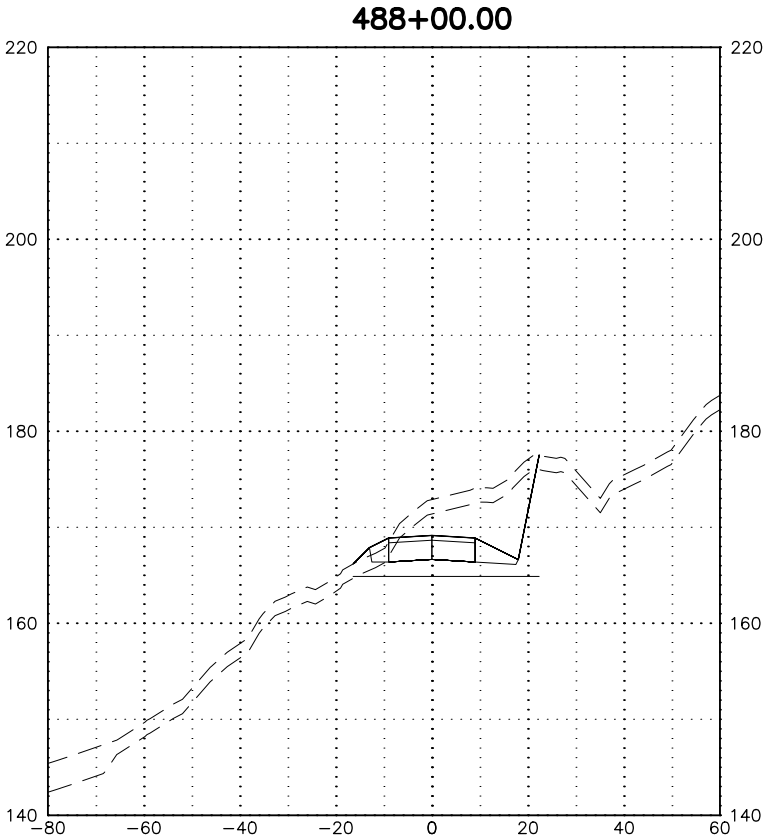
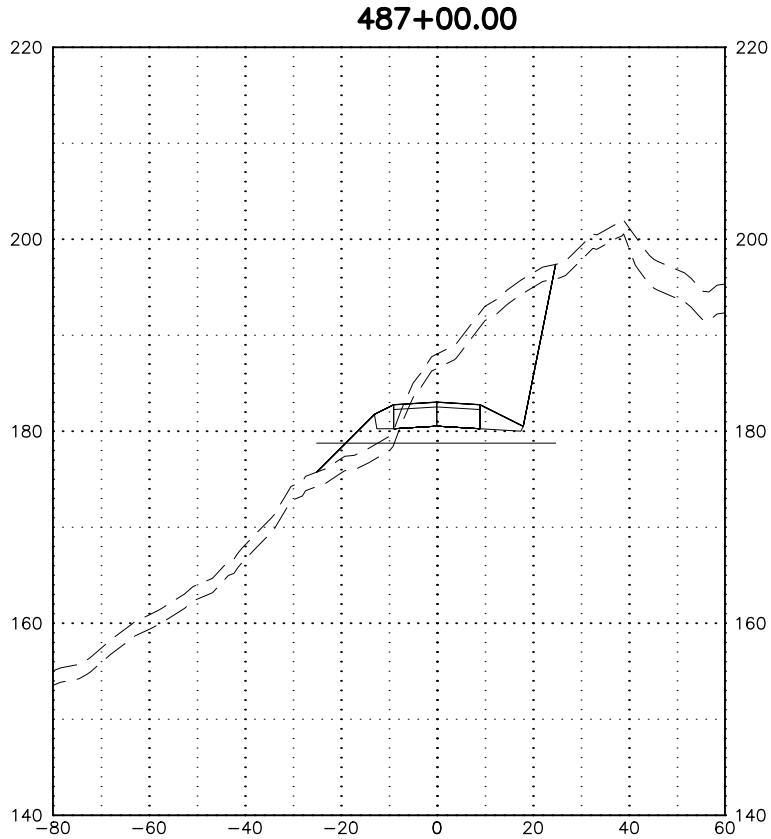
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

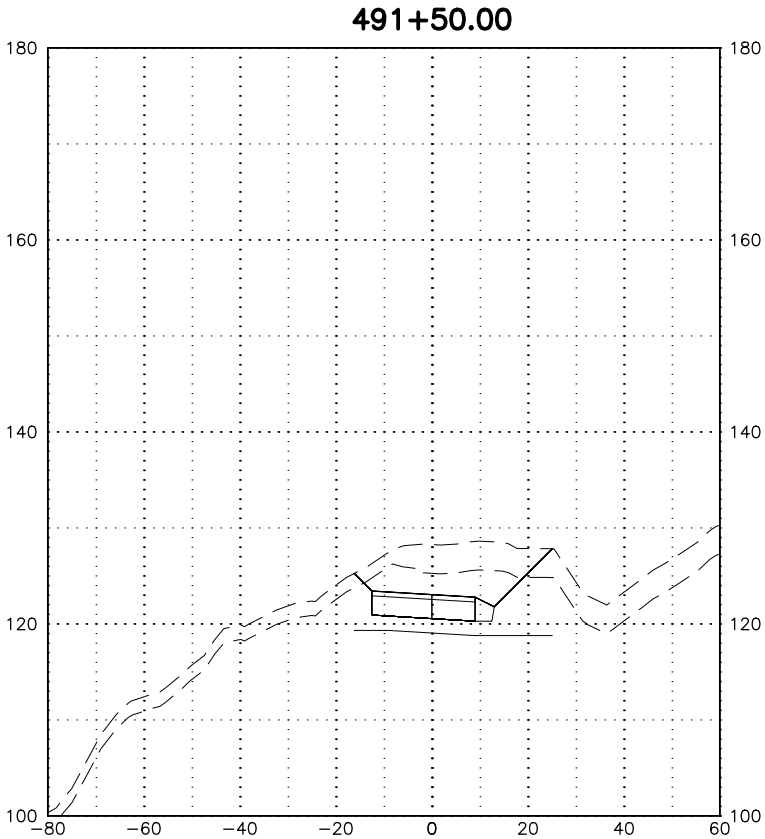
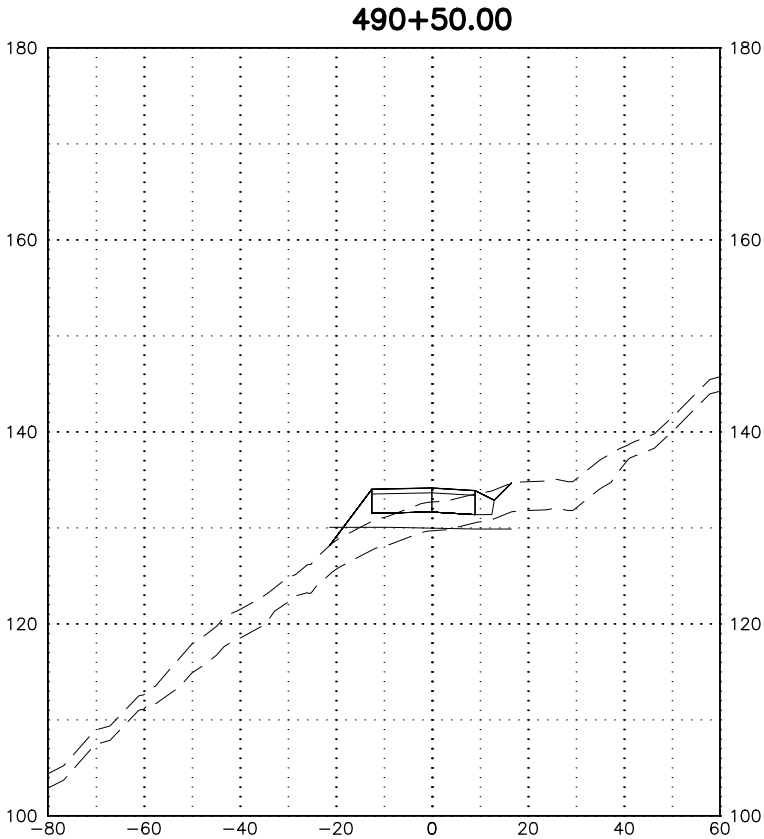
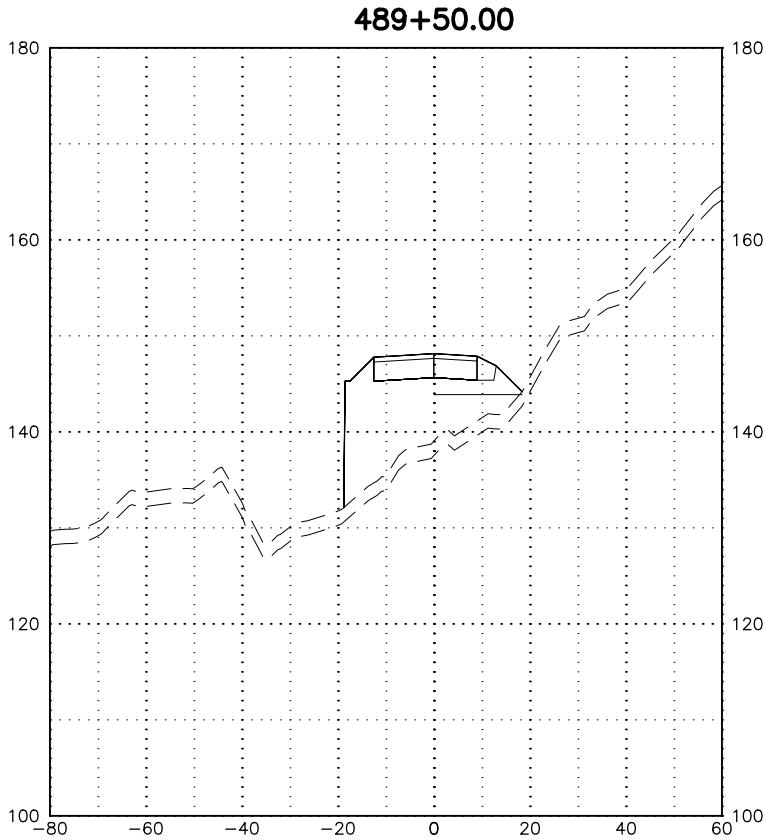
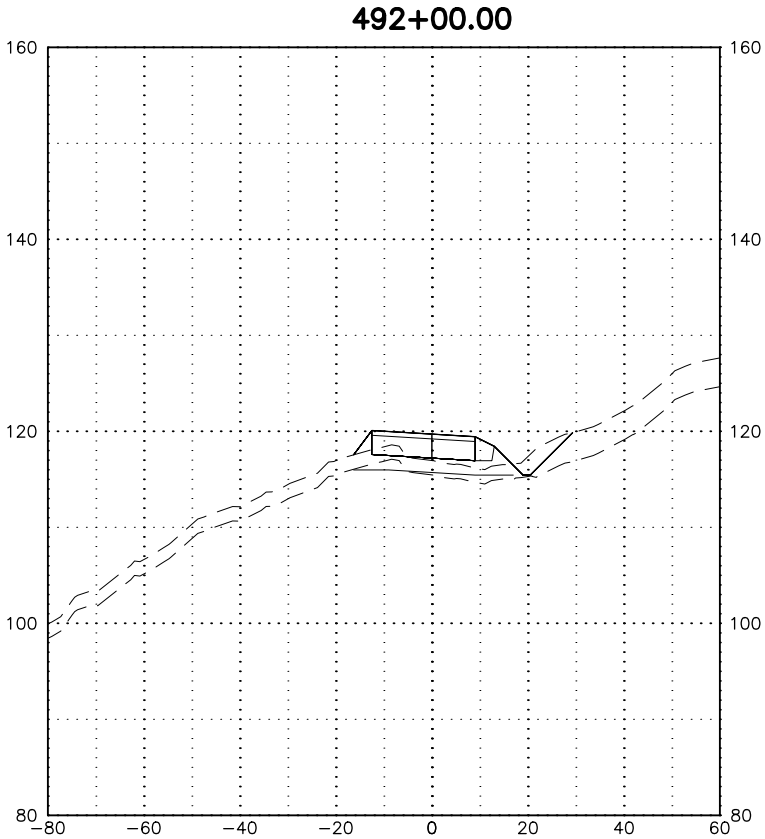
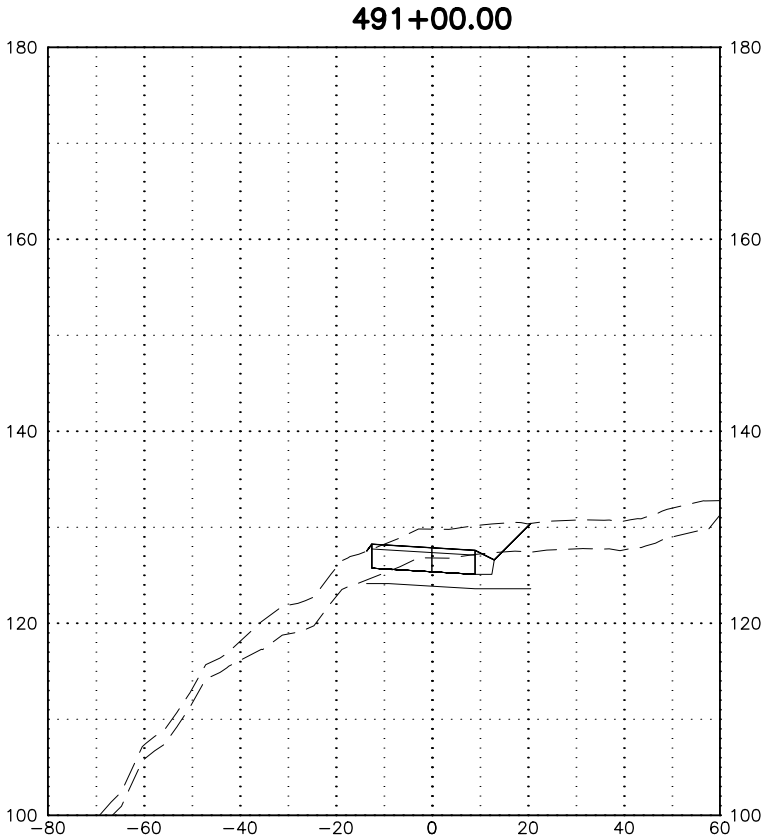
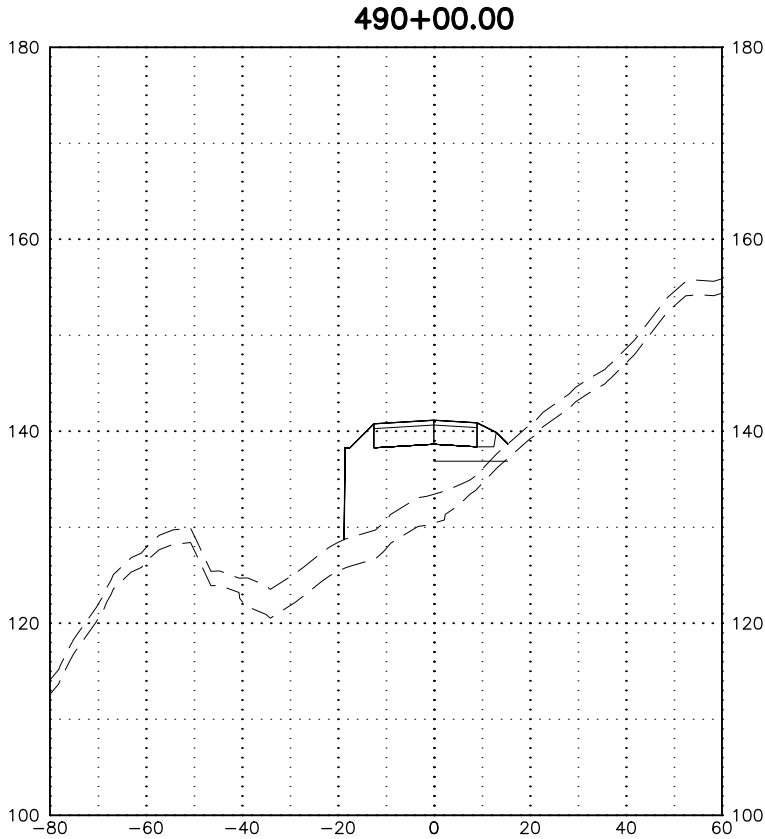
CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD









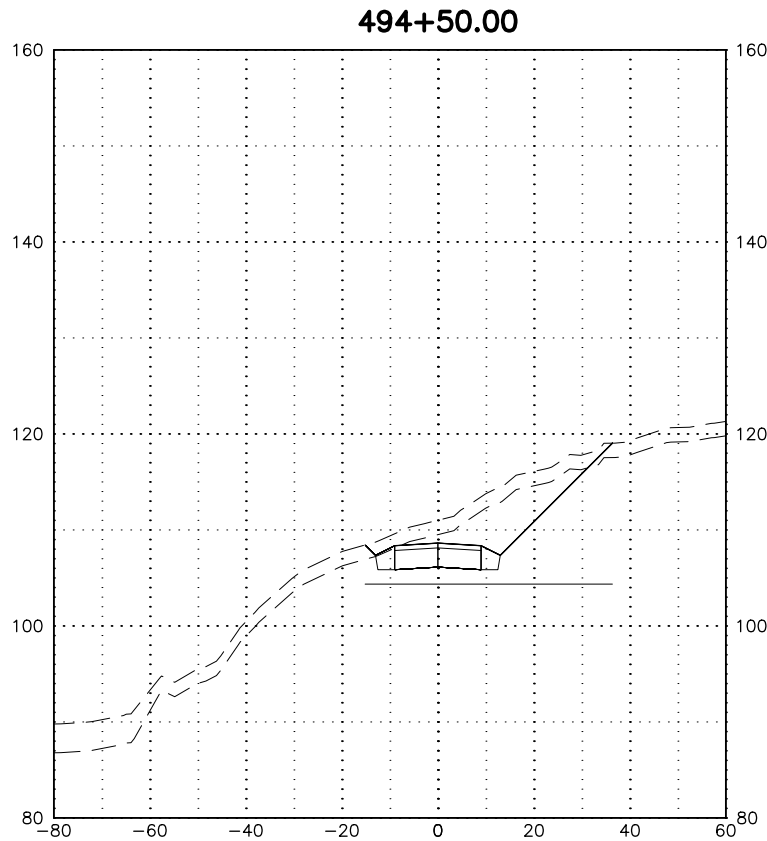
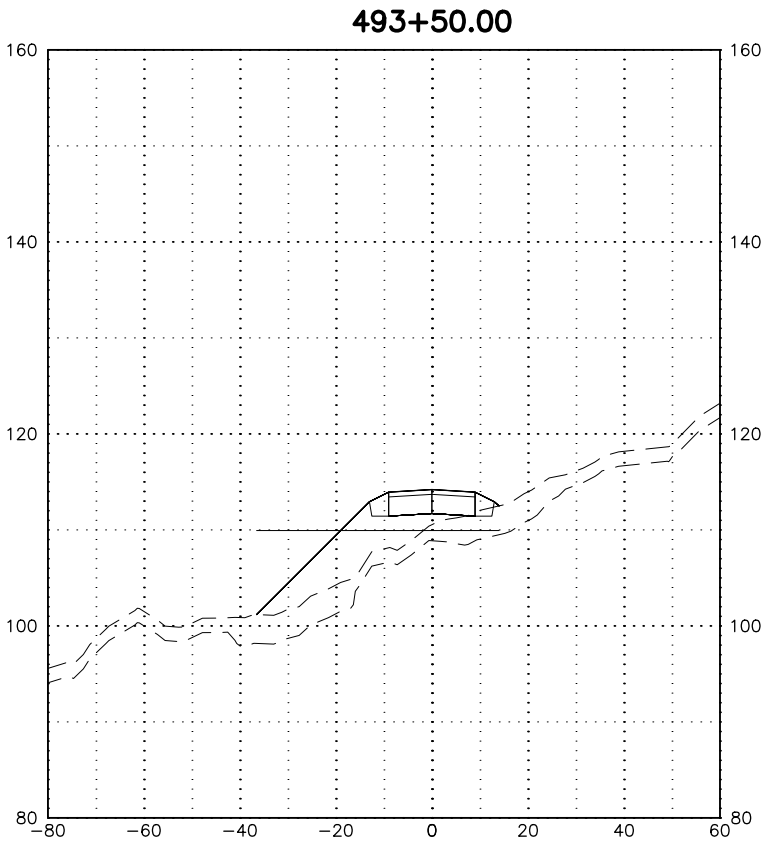
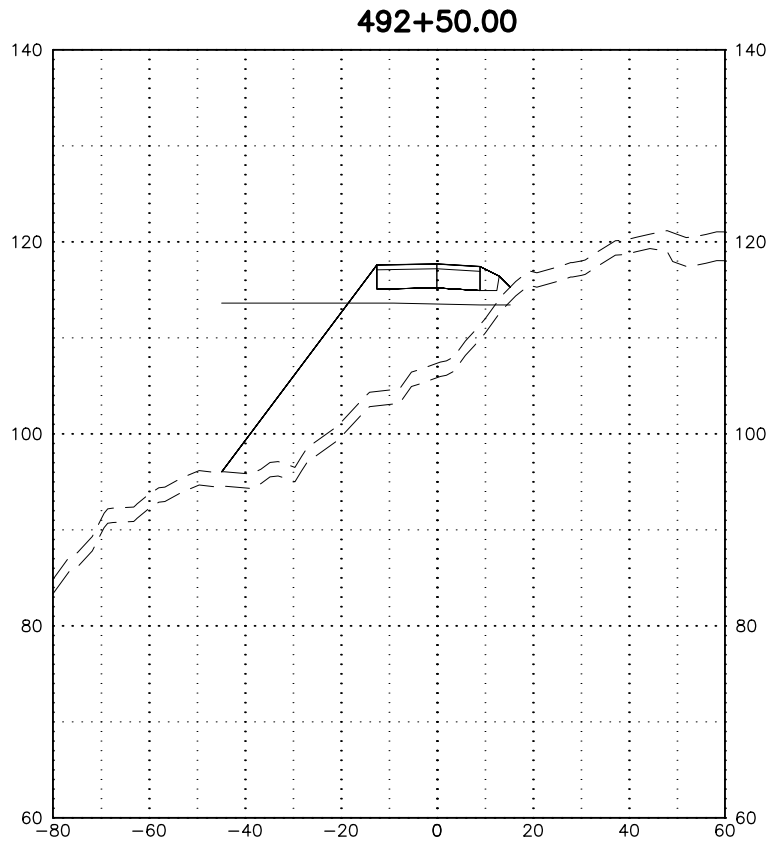
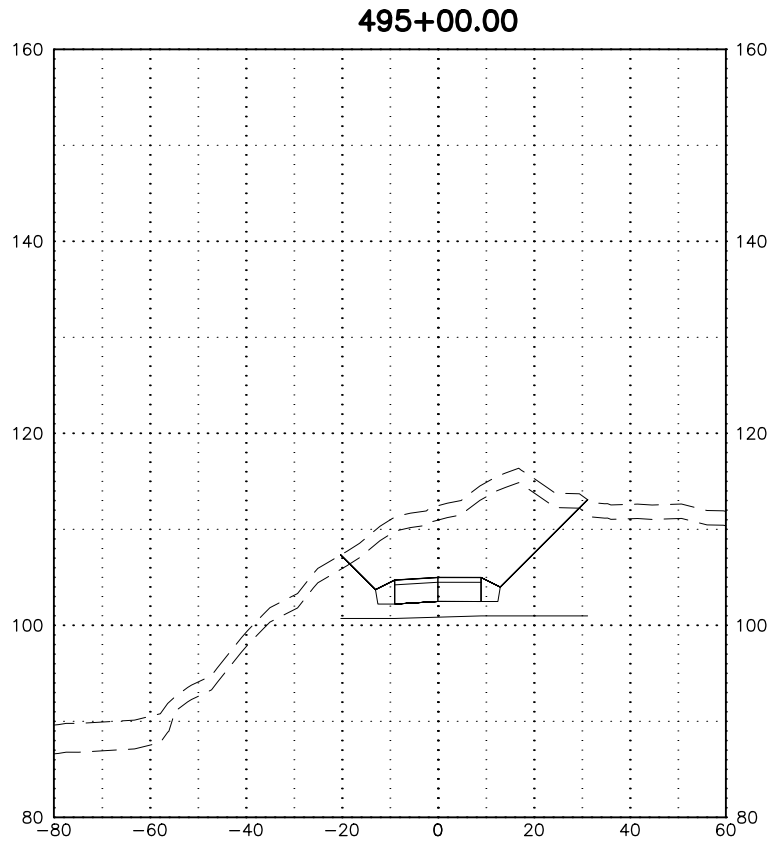
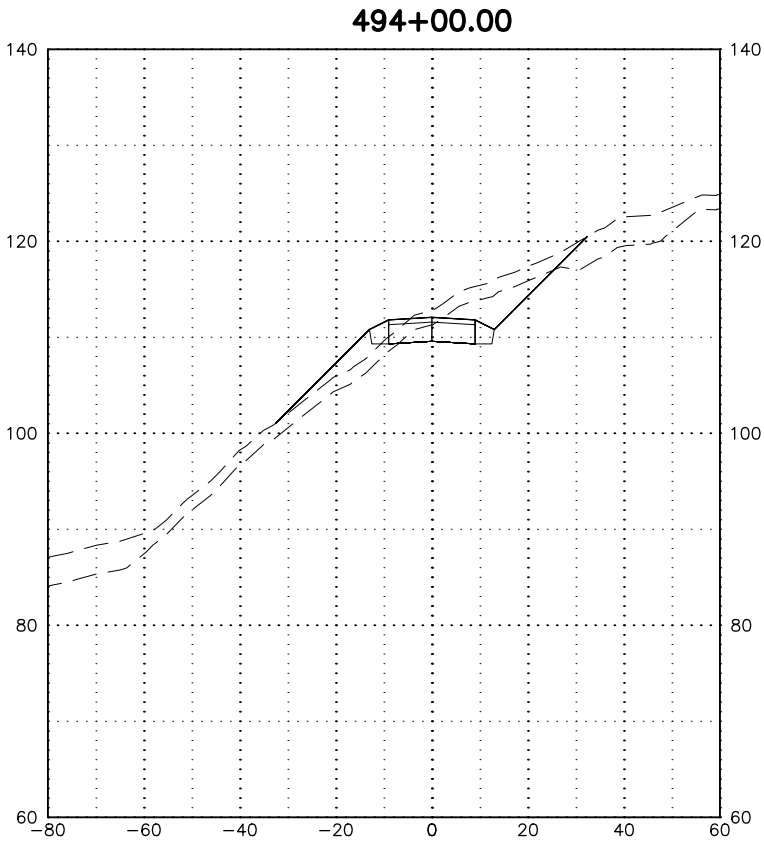
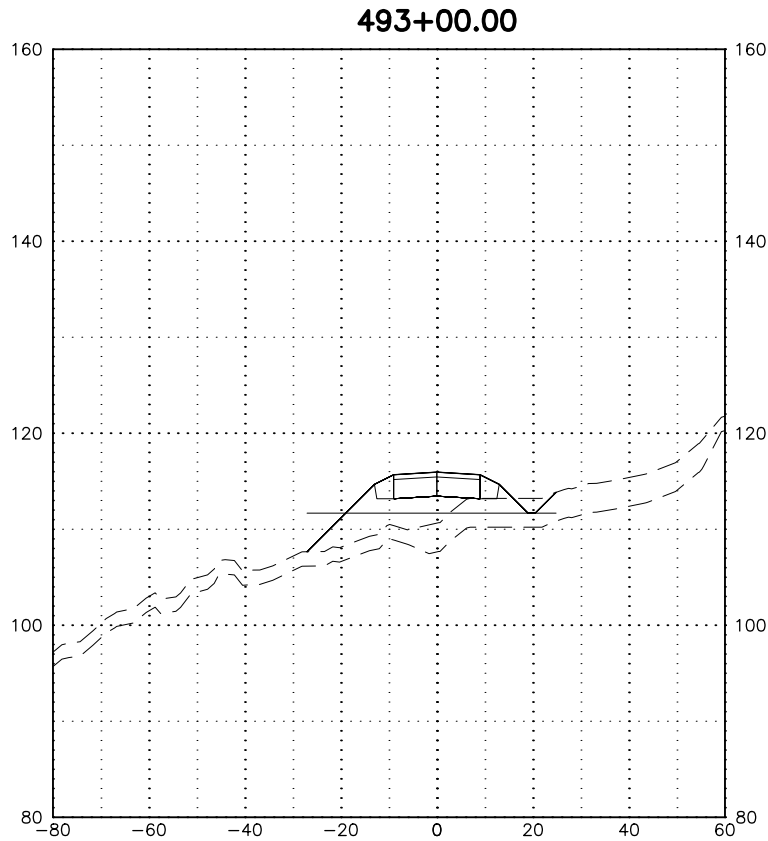
SHEET NO.	TOTAL SHEETS
X81	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



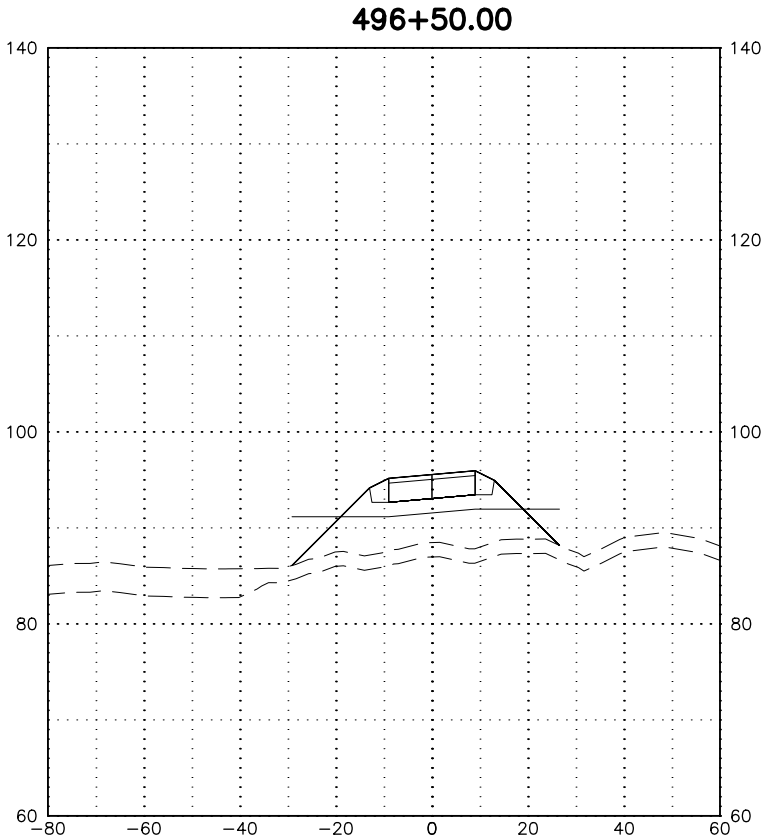
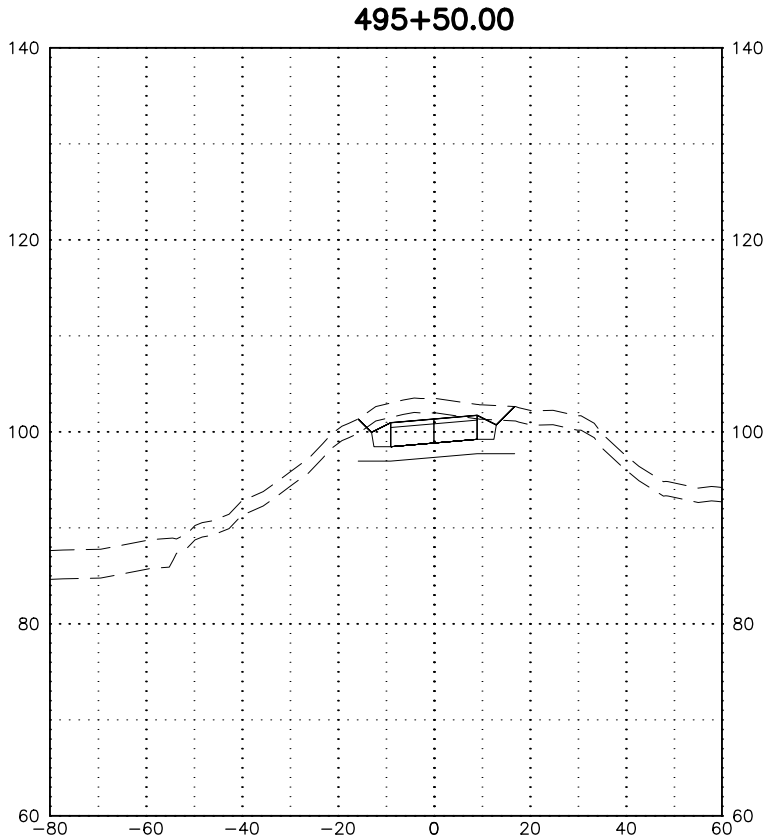
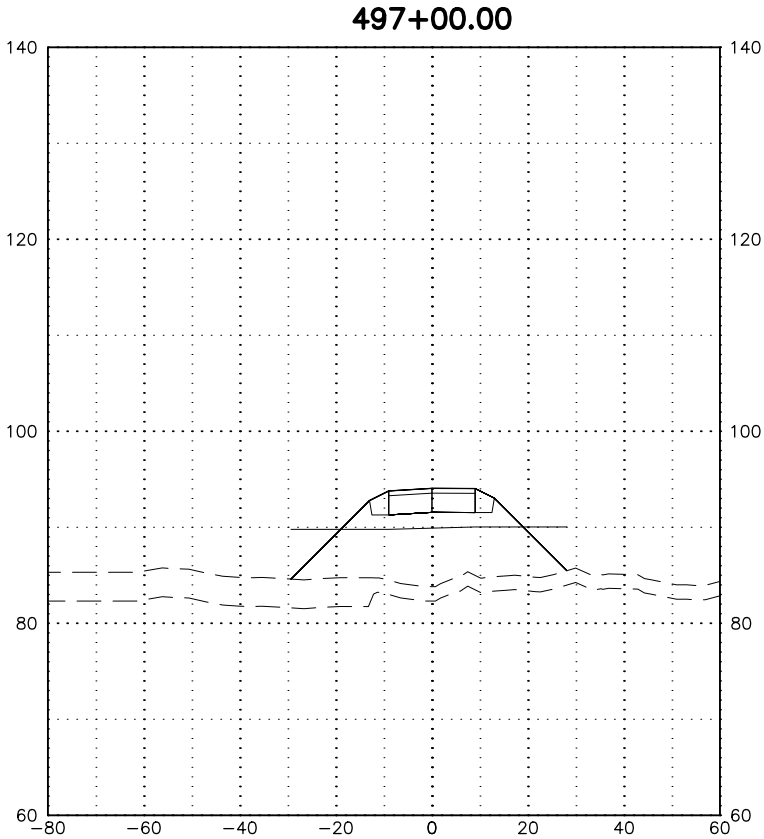
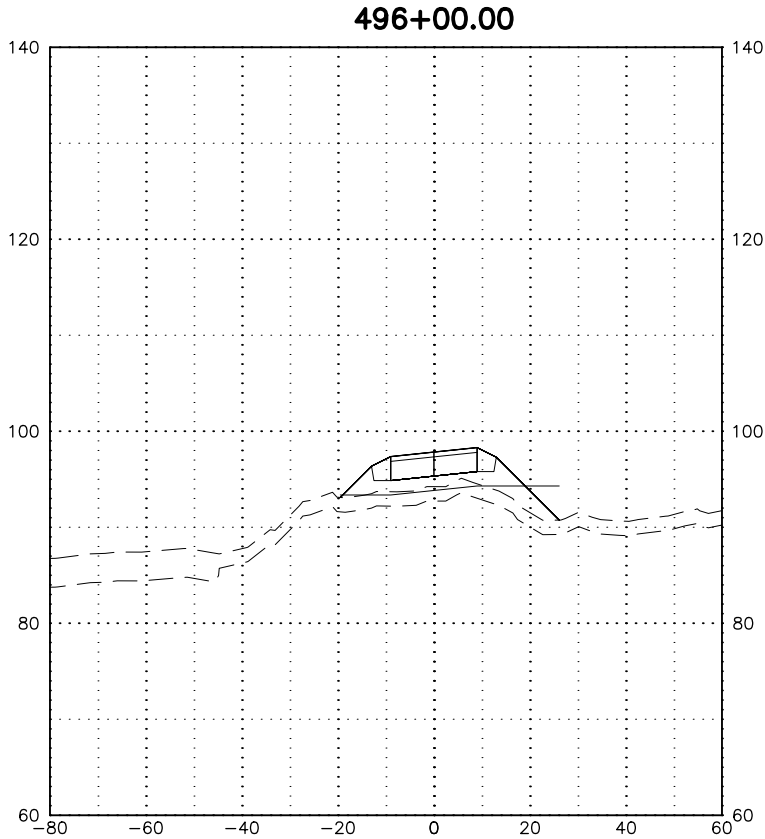
SHEET NO.	TOTAL SHEETS
X82	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



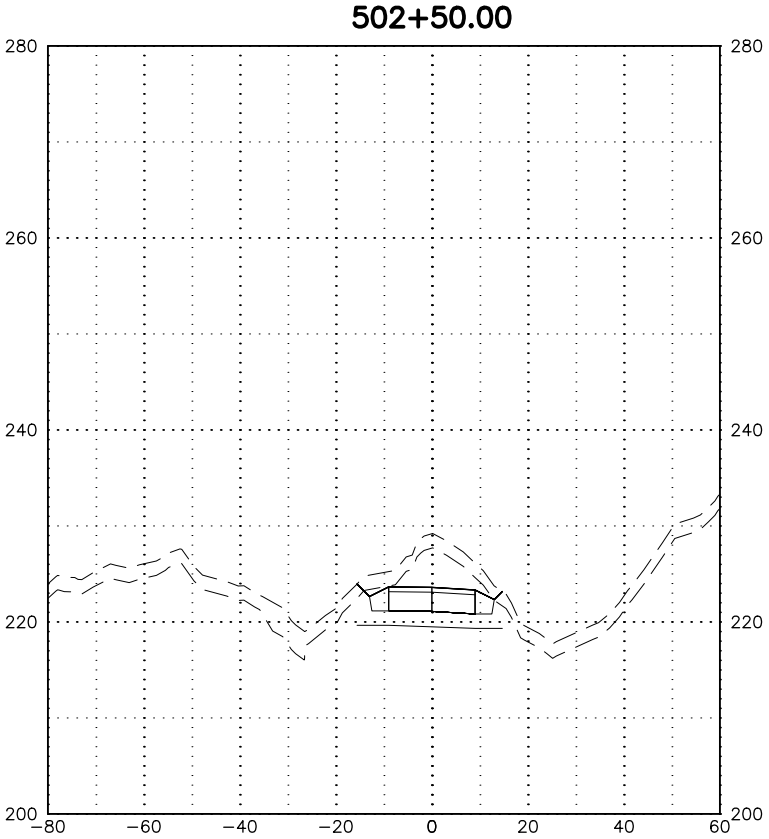
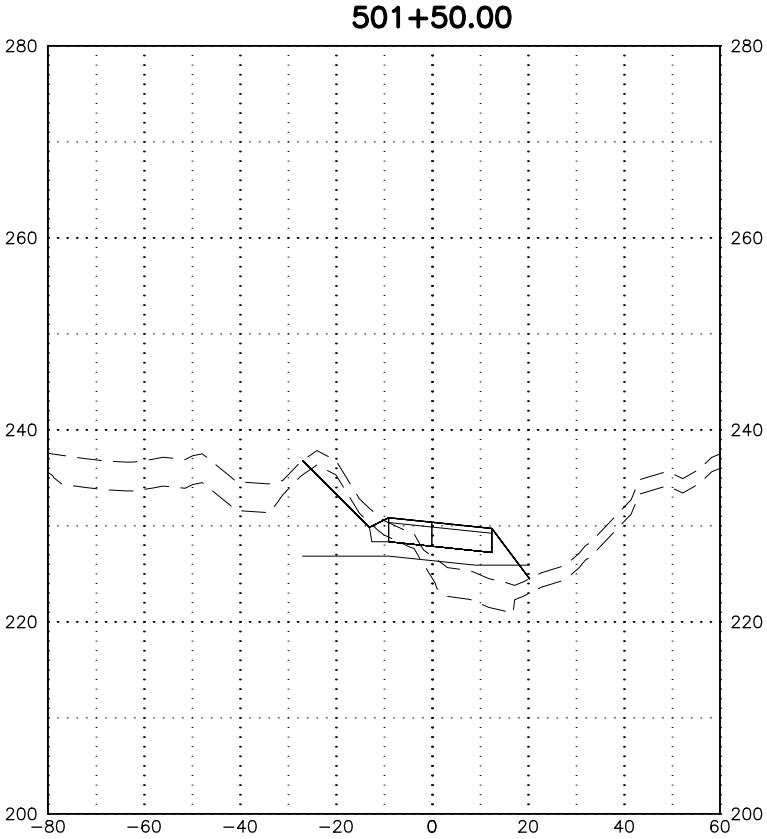
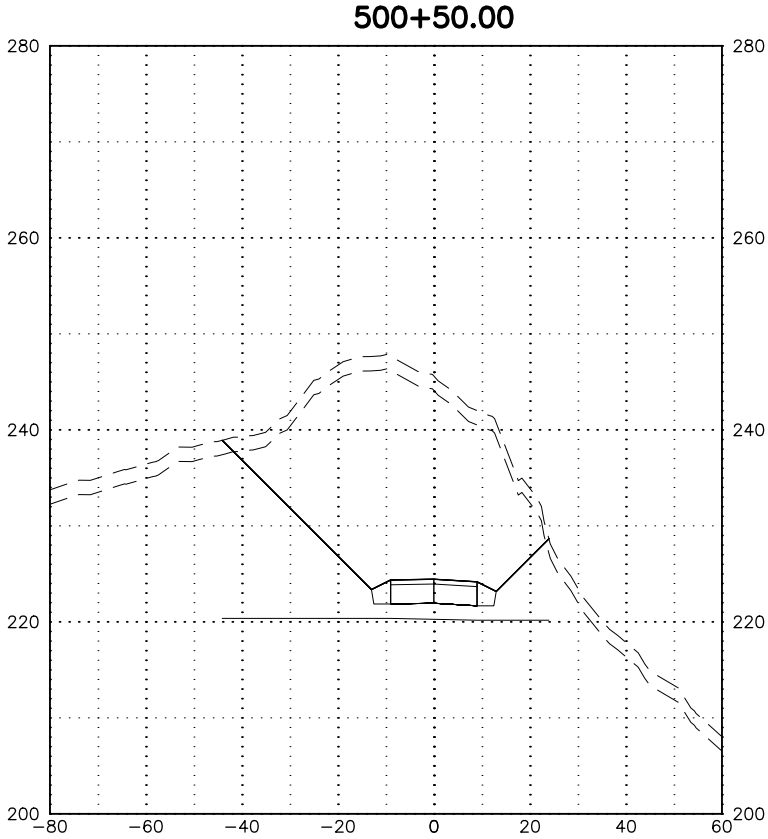
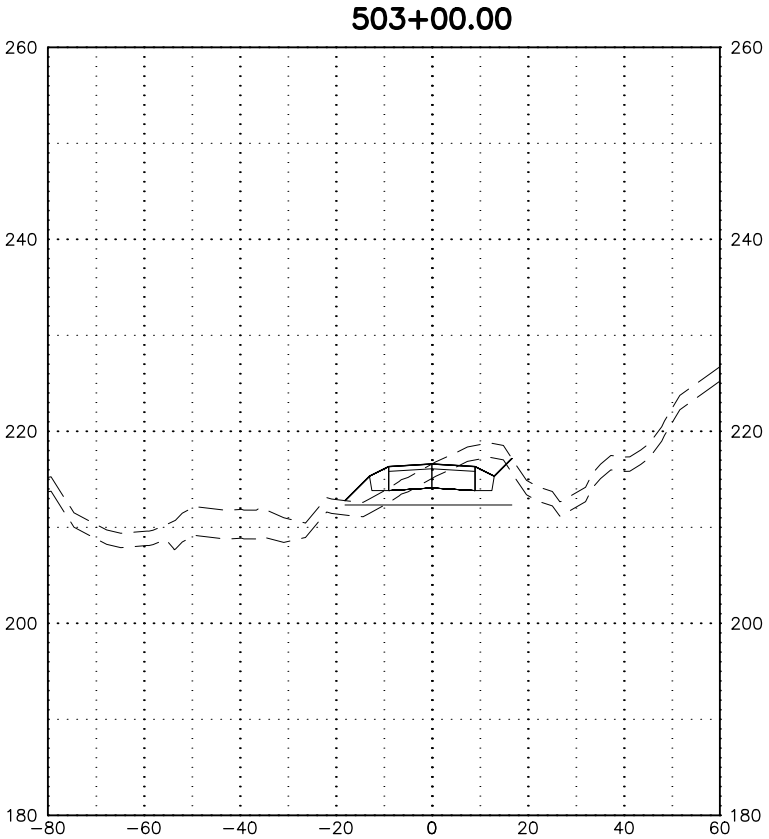
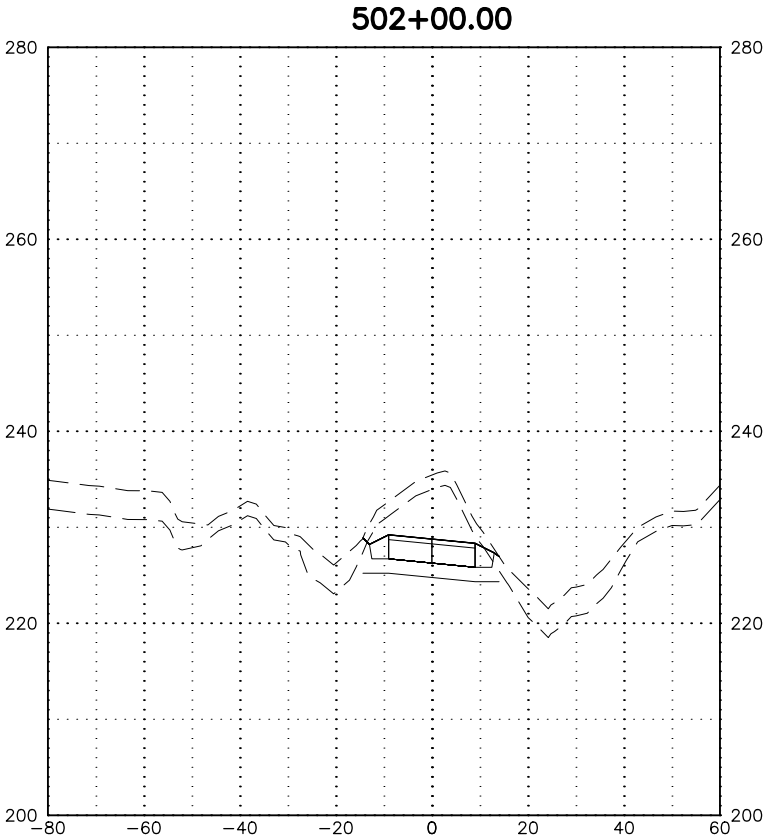
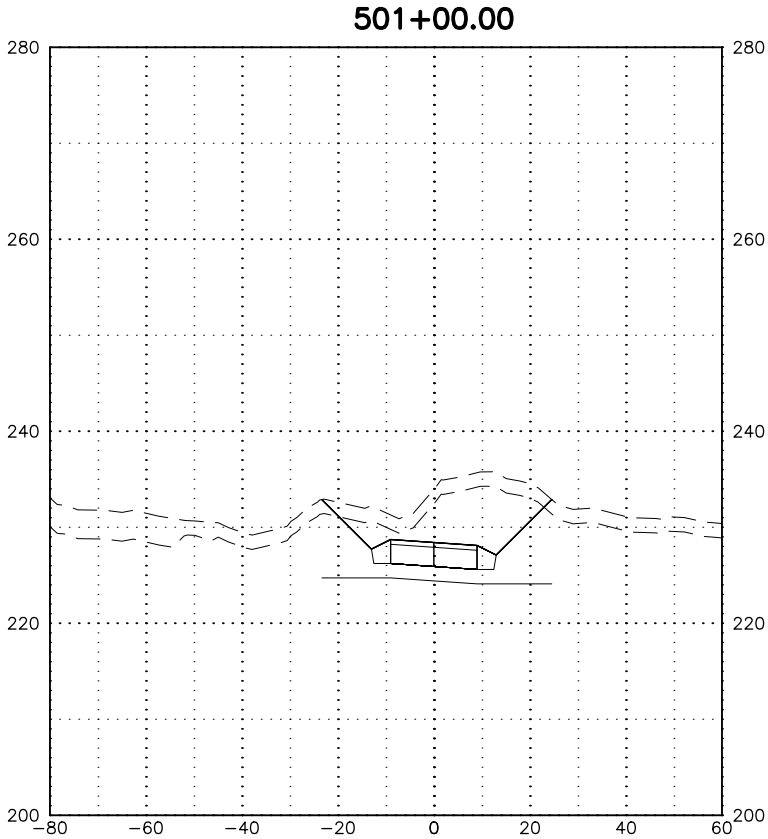
SHEET NO.	TOTAL SHEETS
X83	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



SHEET NO.	TOTAL SHEETS
X84	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

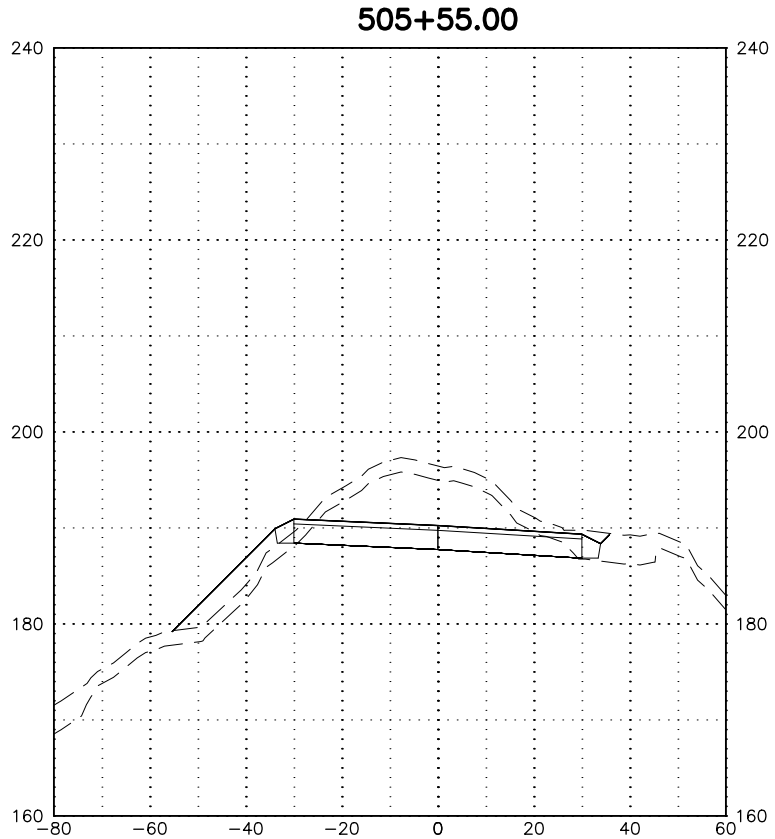
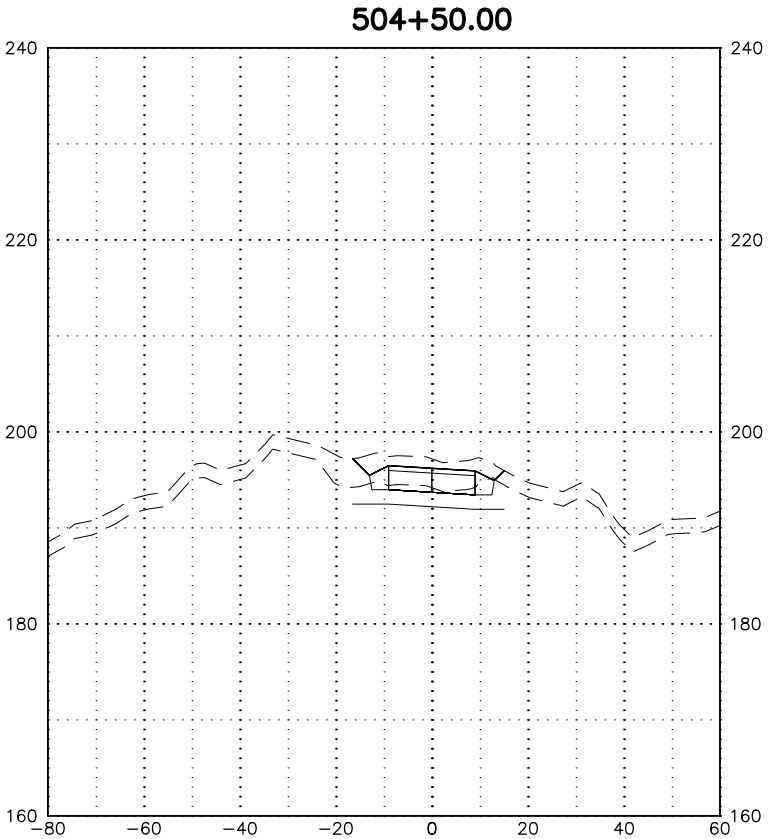
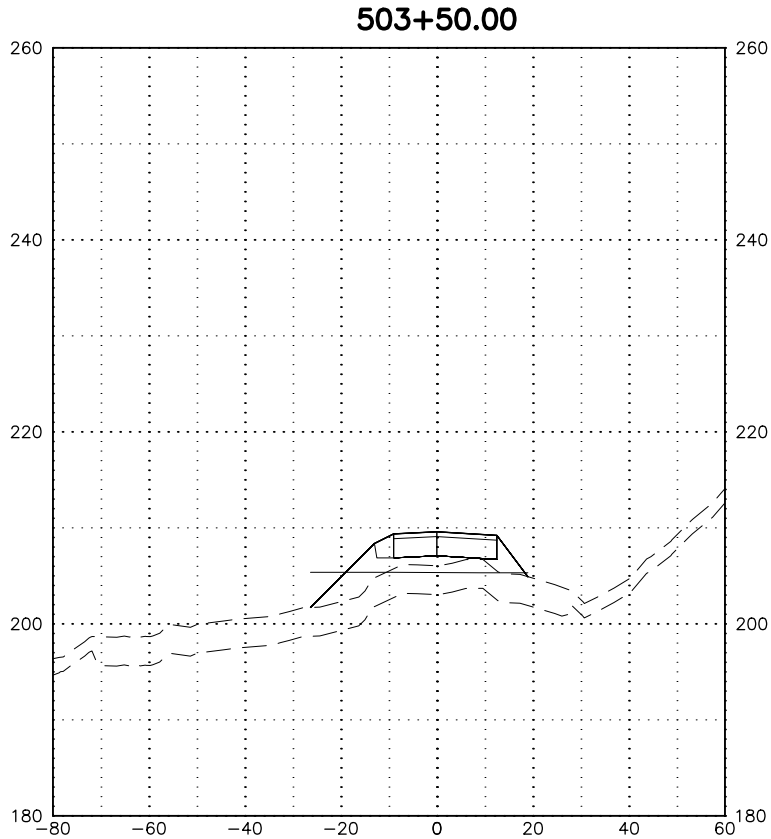
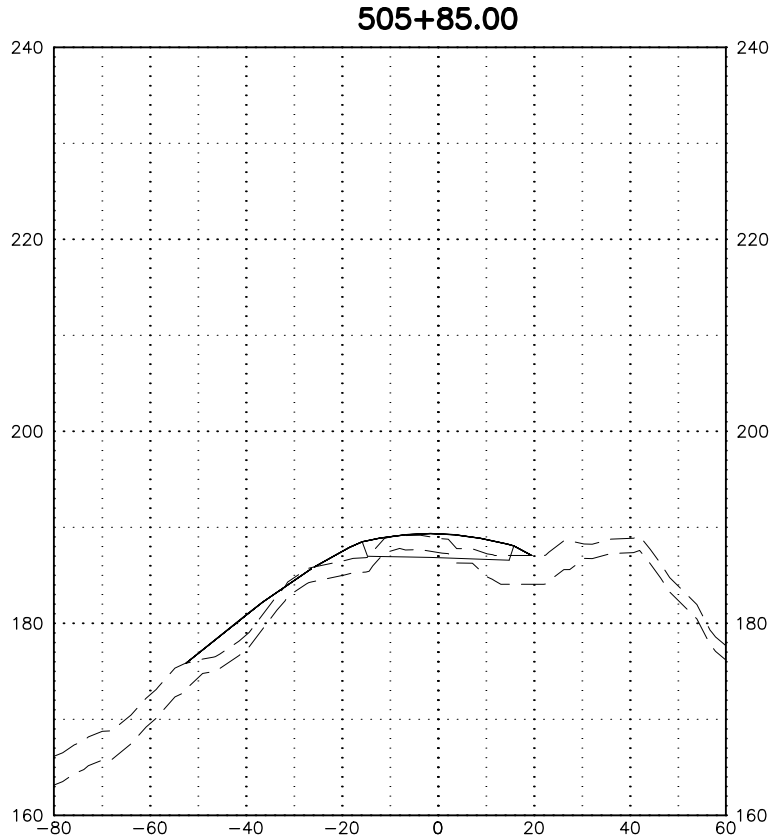
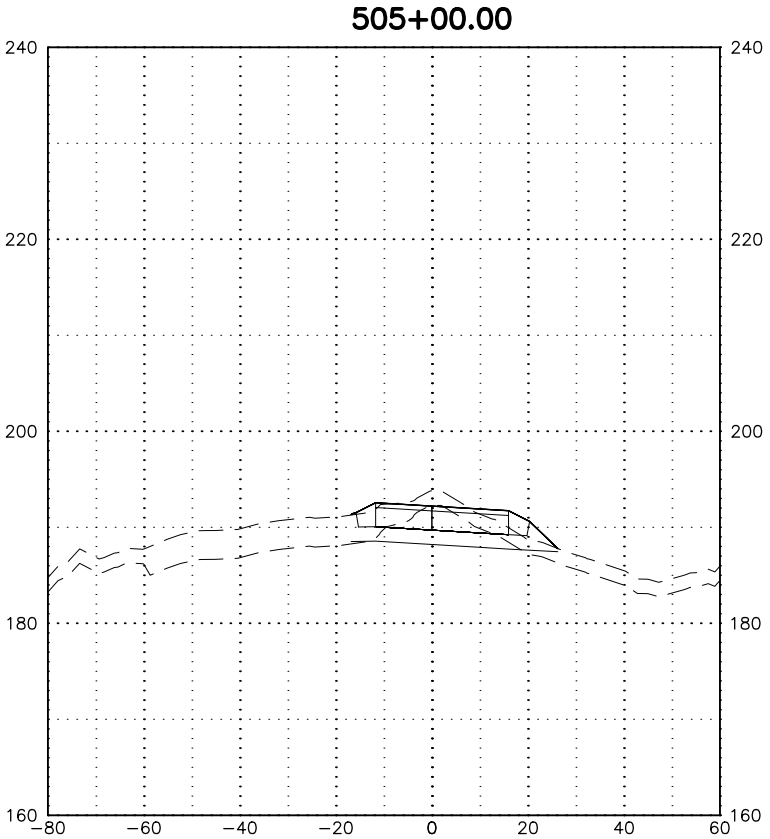
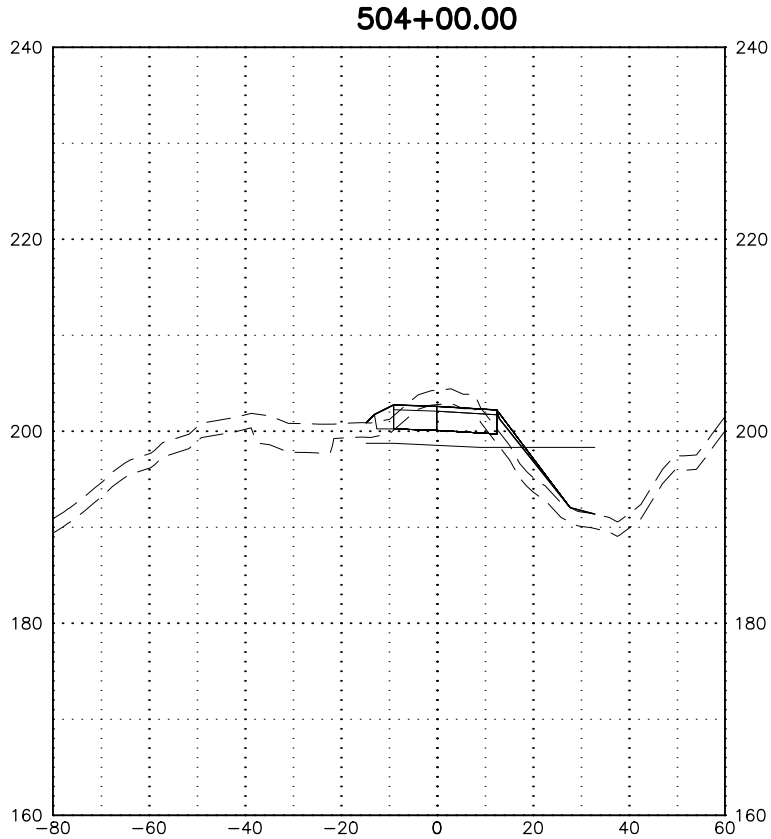
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

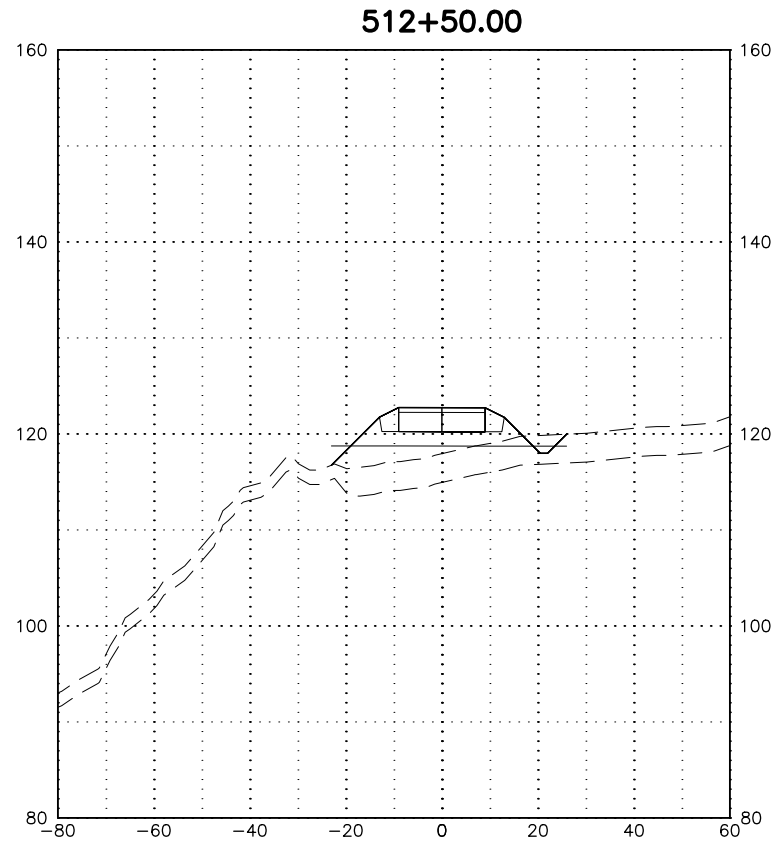
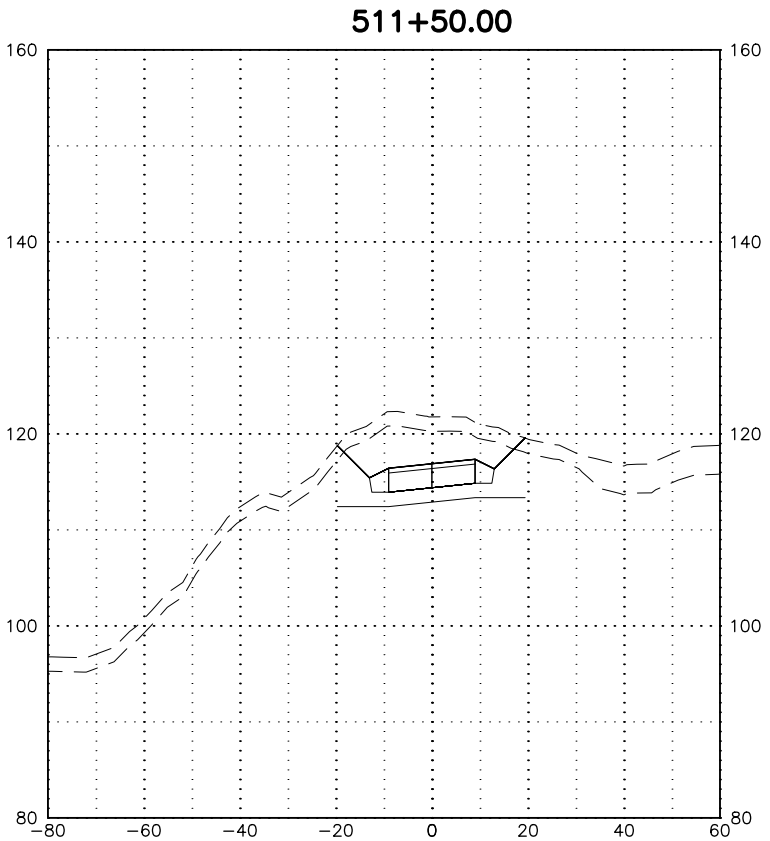
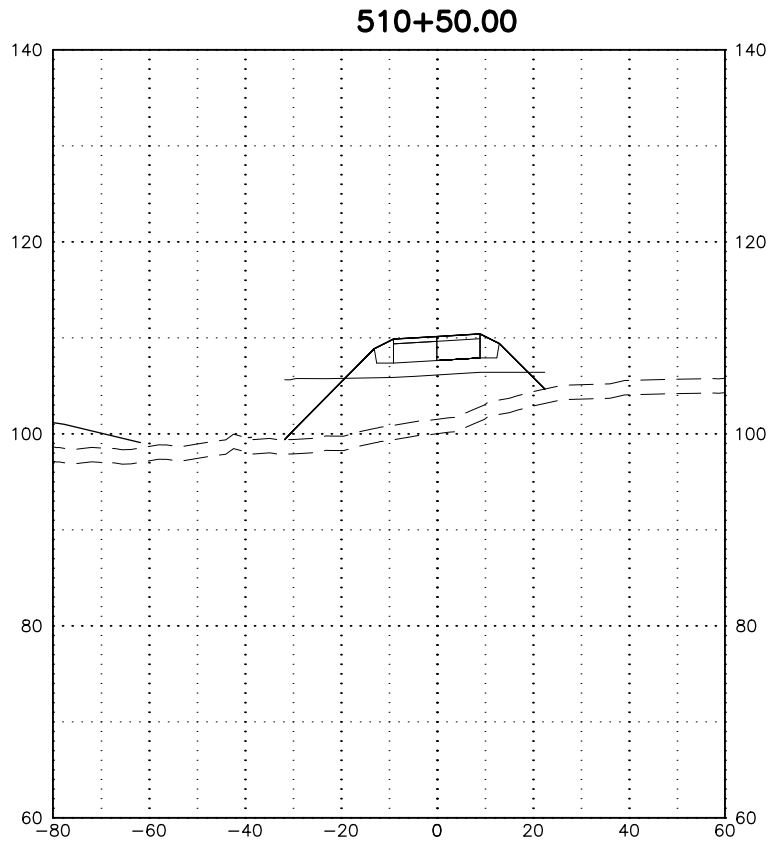
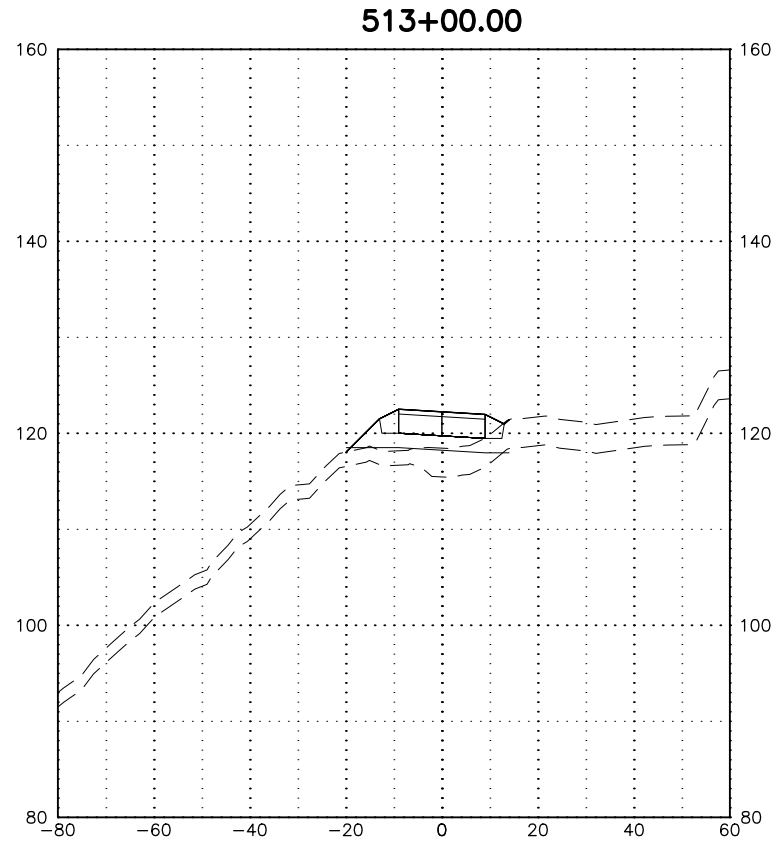
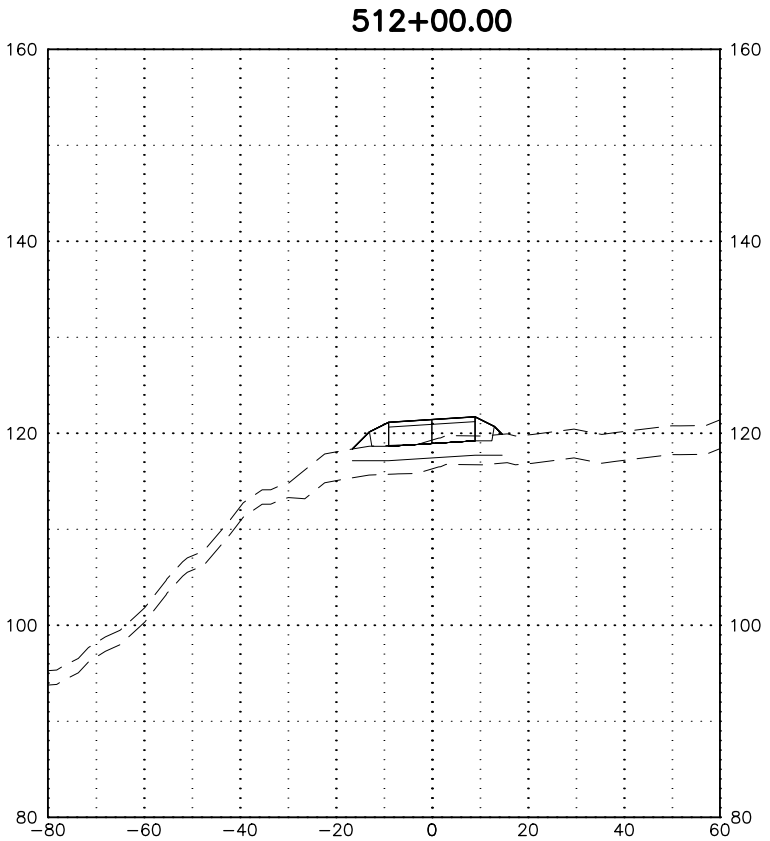
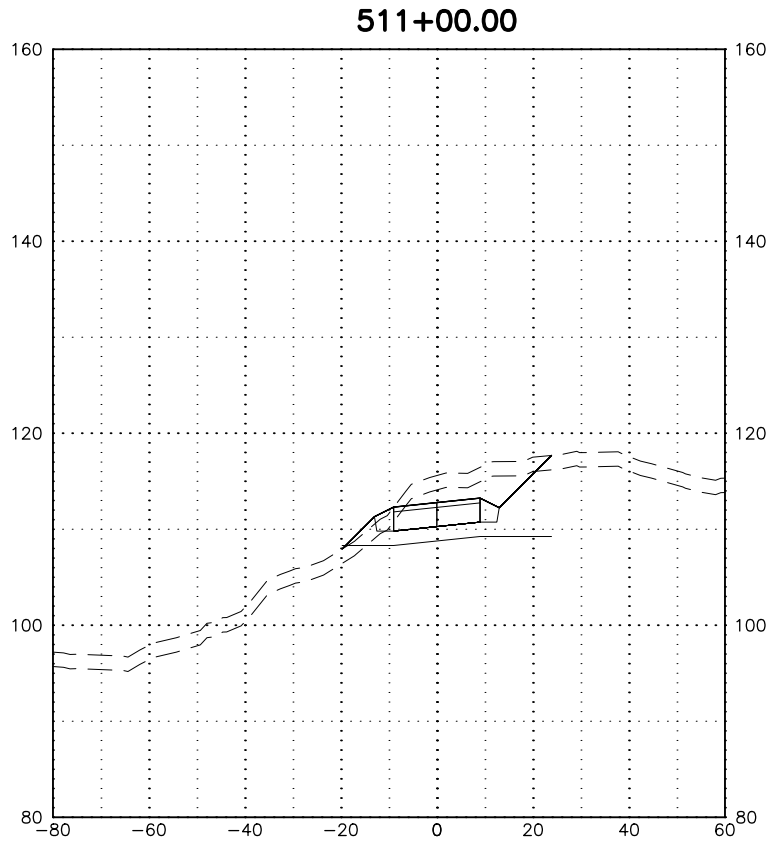
CITY OF WHITTIER

SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS

ACCESS ROAD





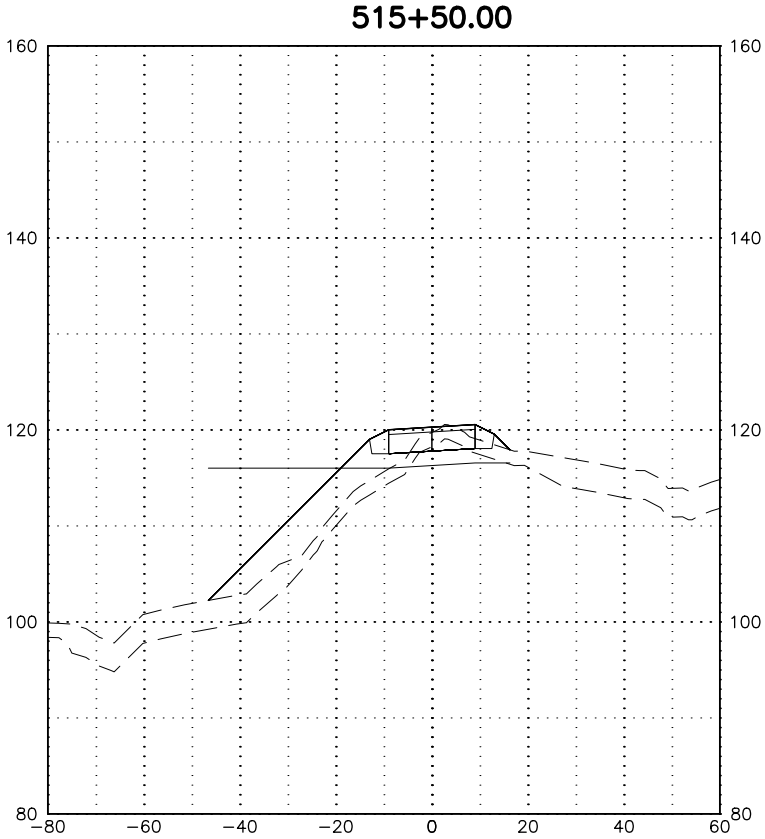
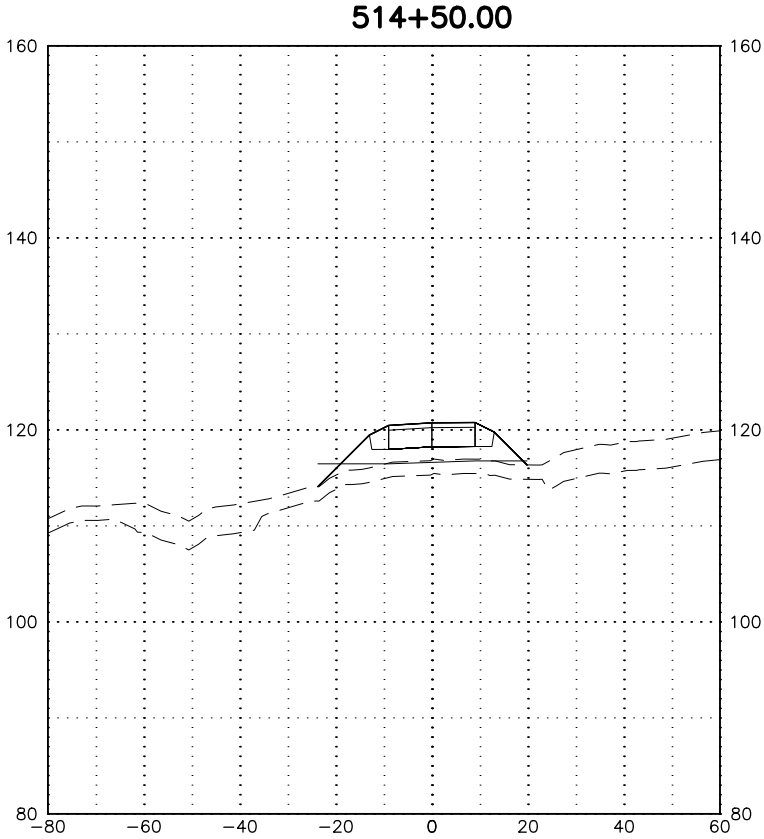
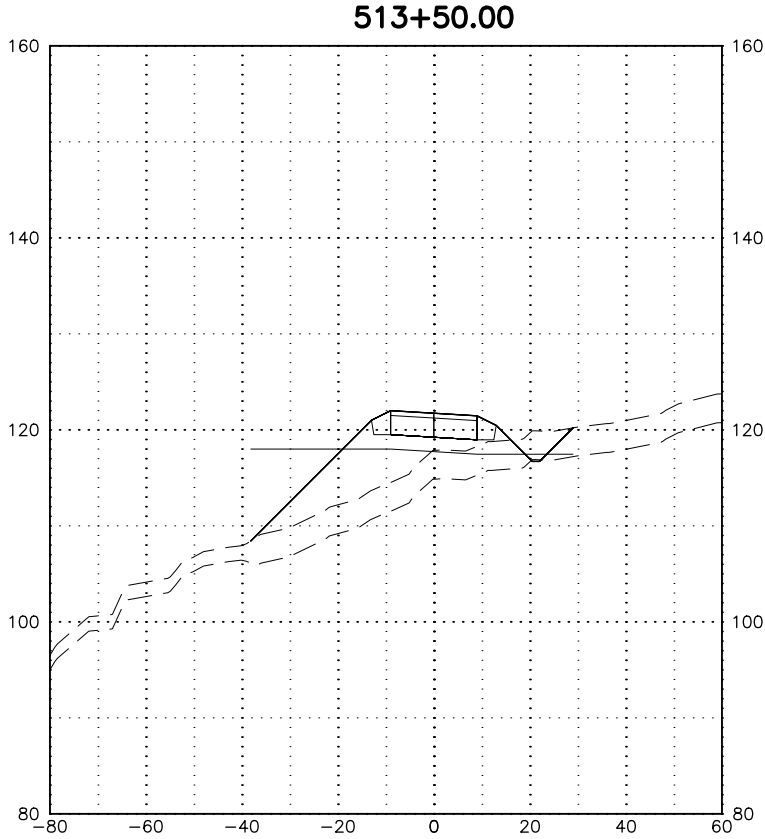
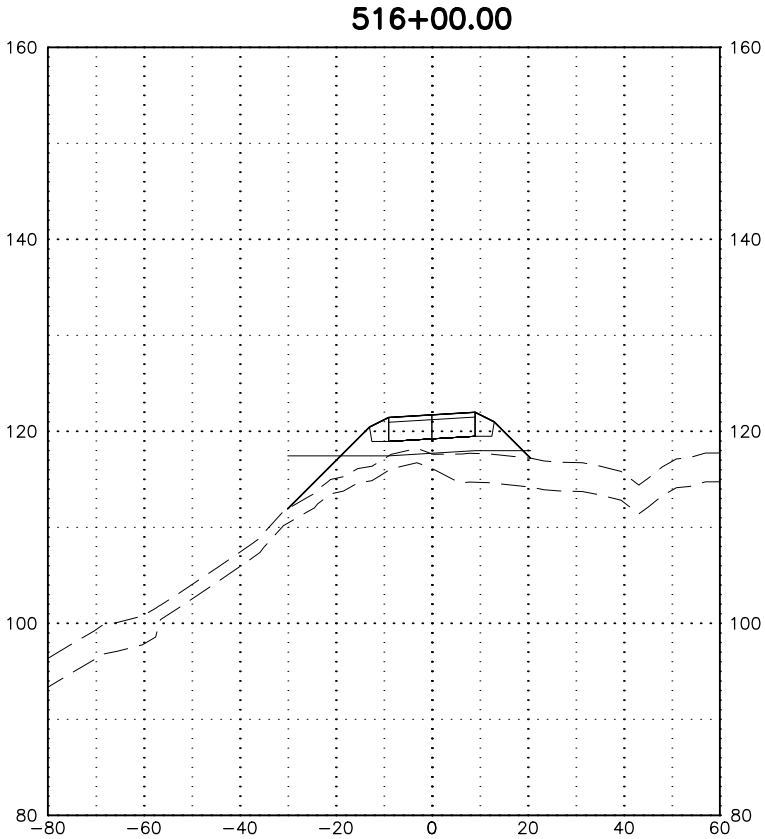
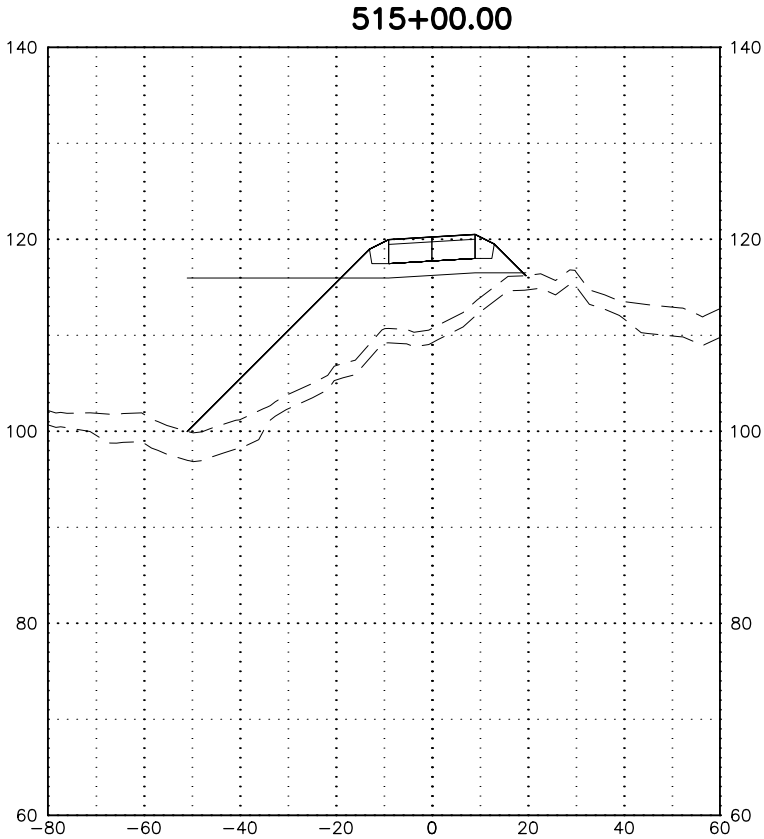
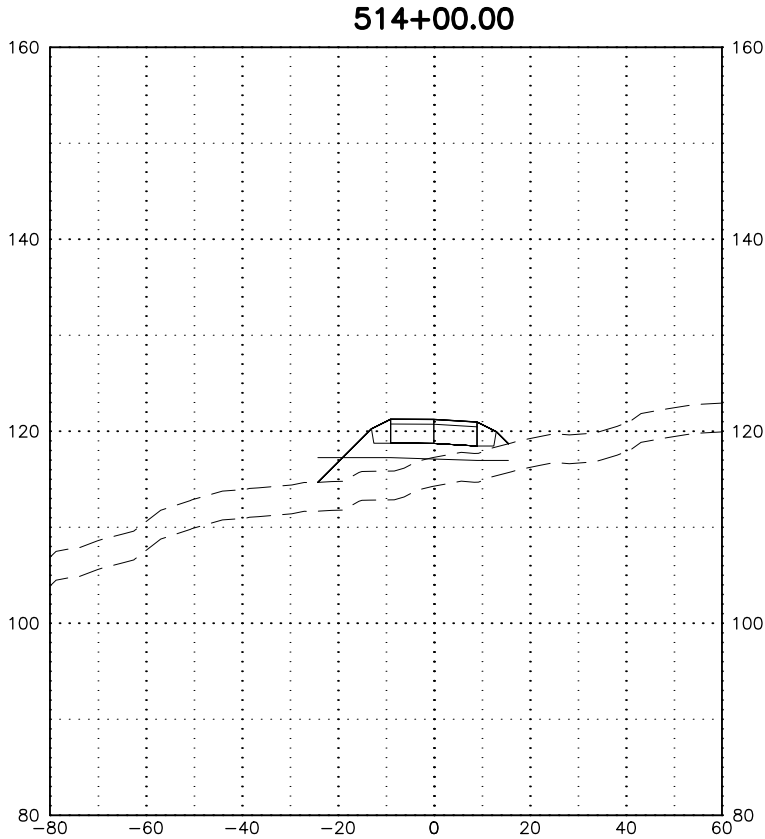
SHEET NO.	TOTAL SHEETS
X86	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

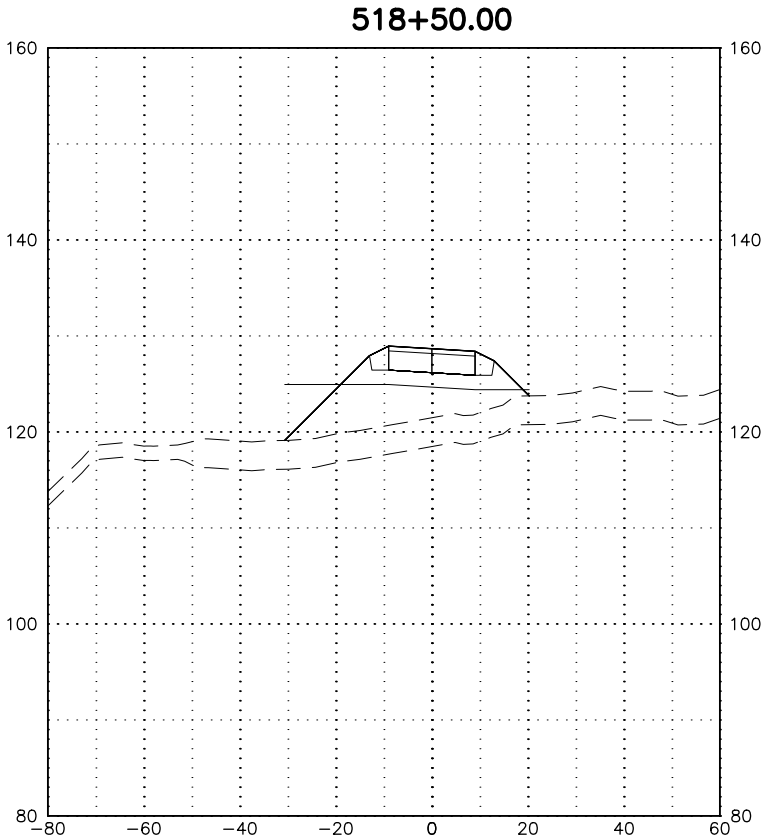
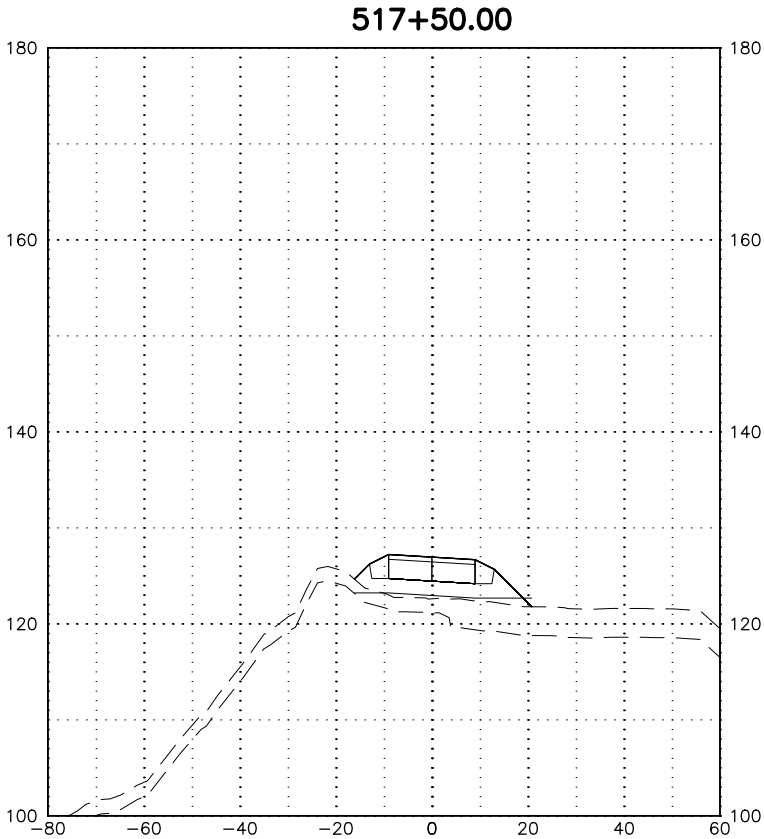
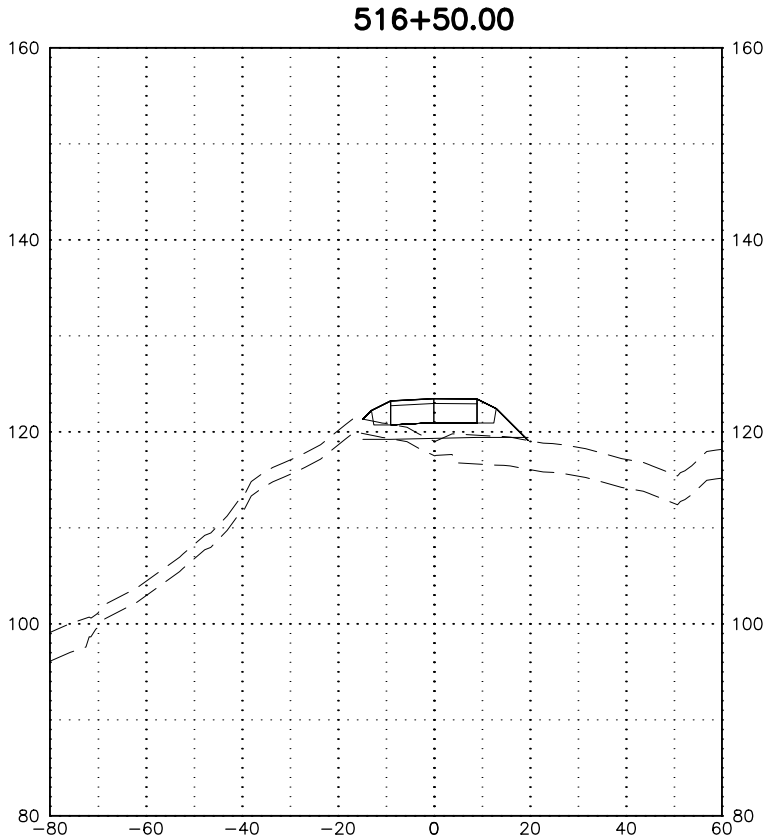
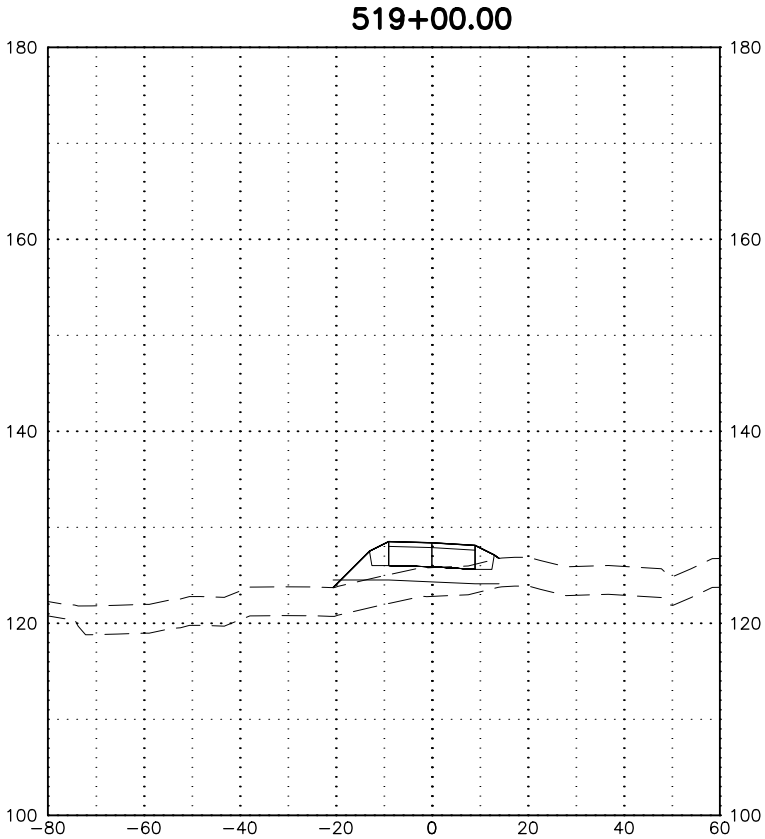
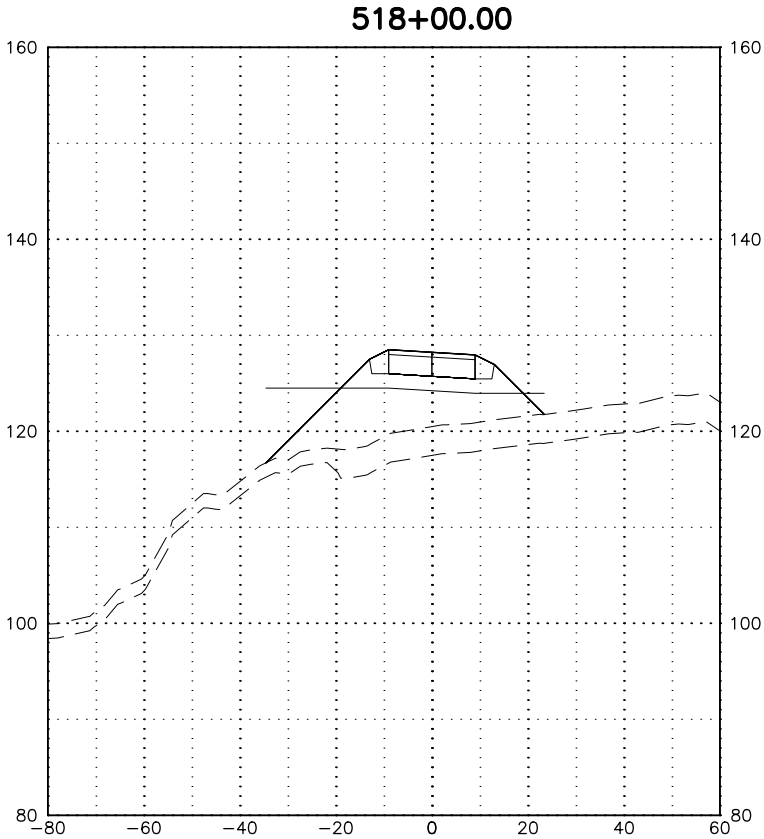
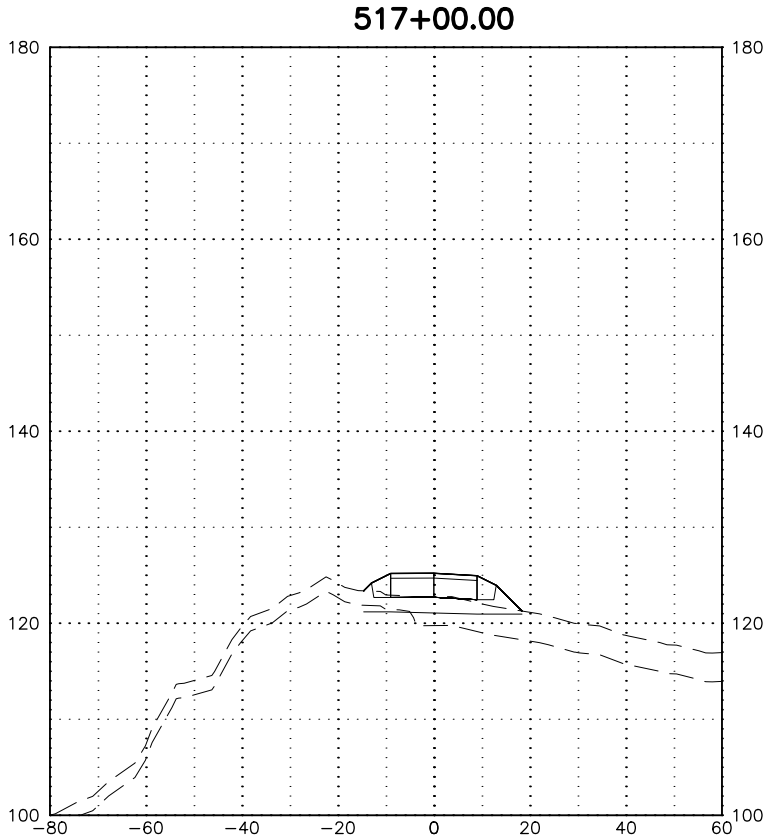


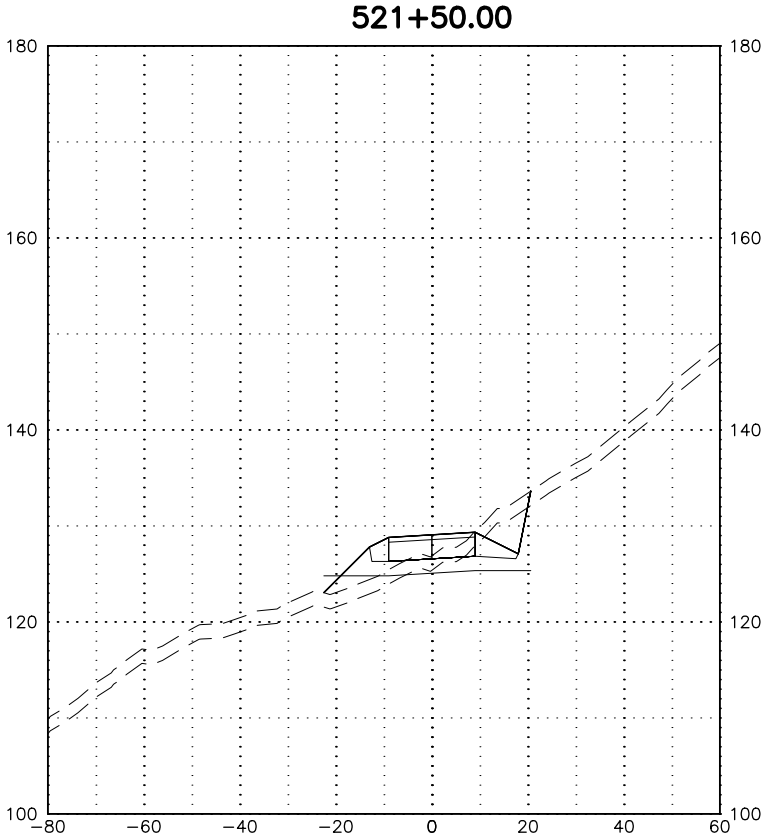
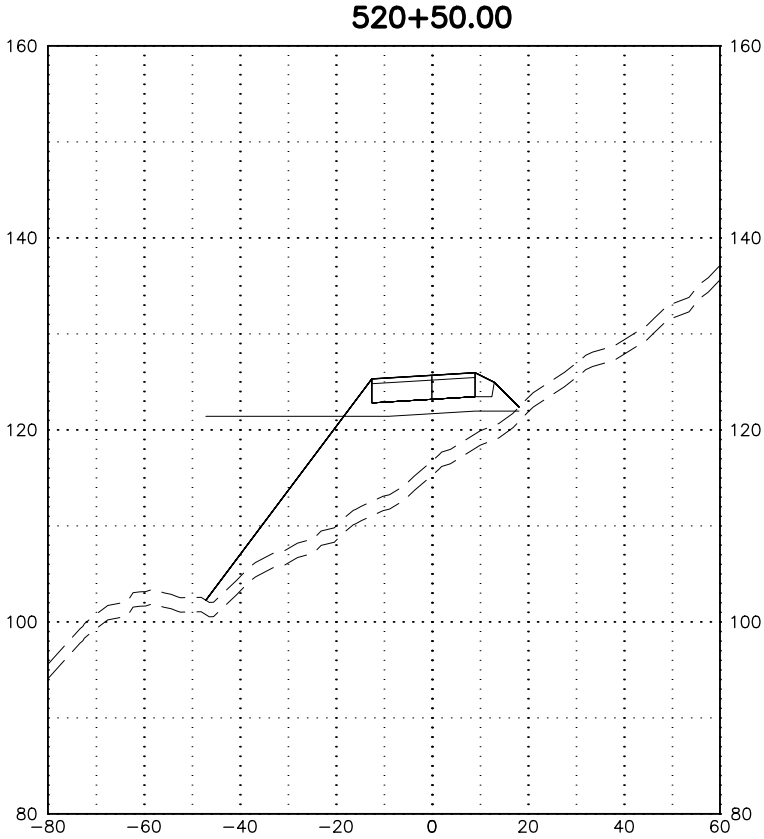
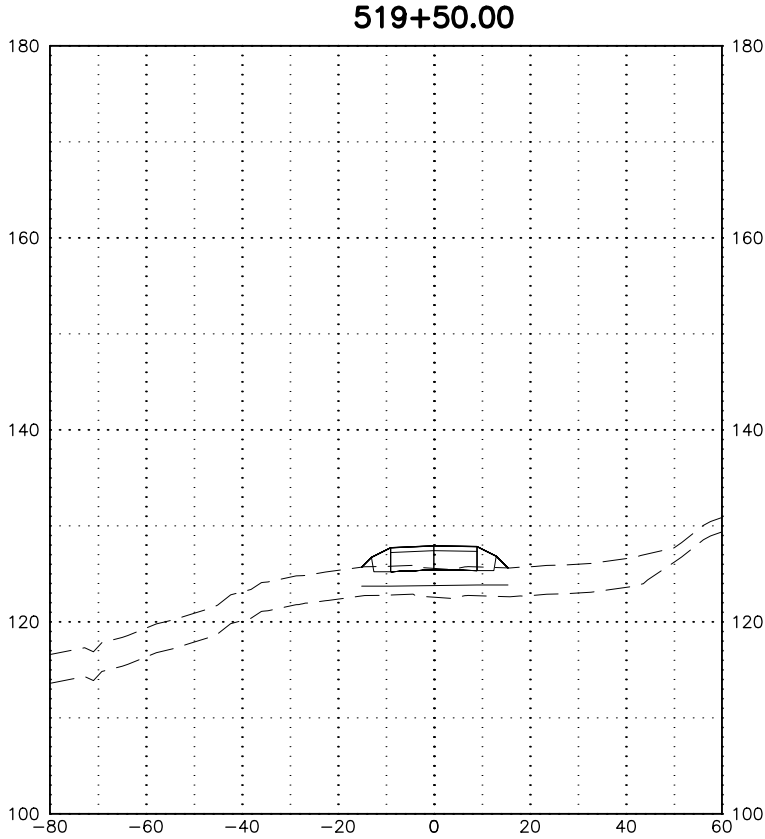
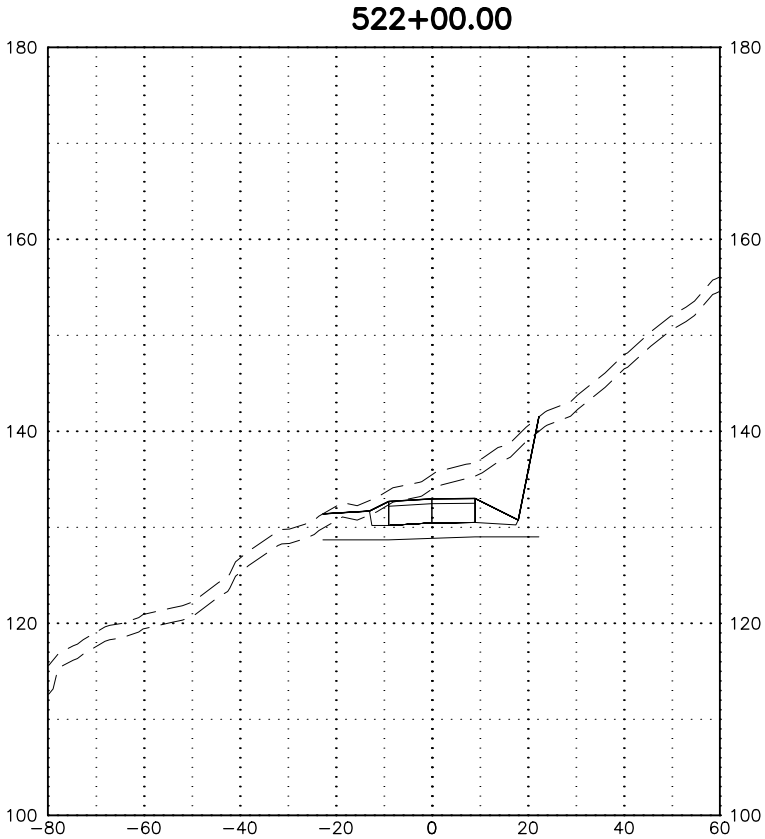
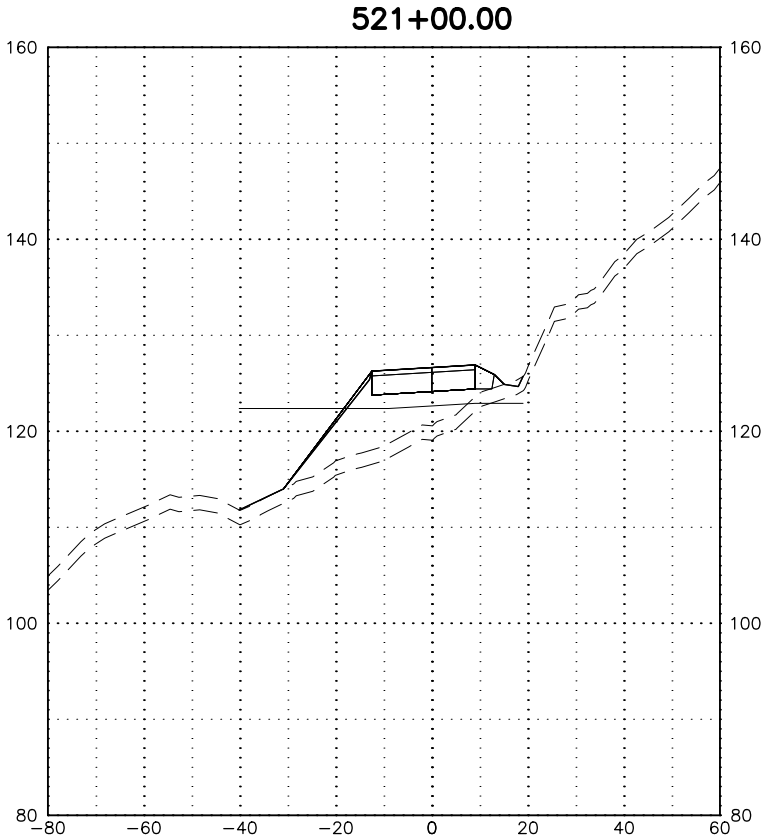
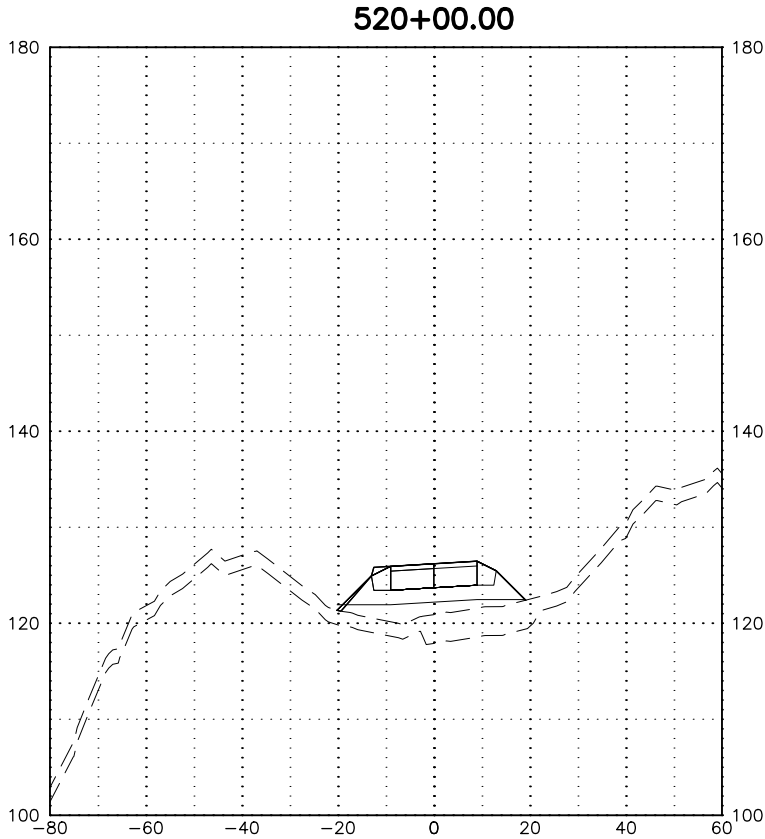
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD







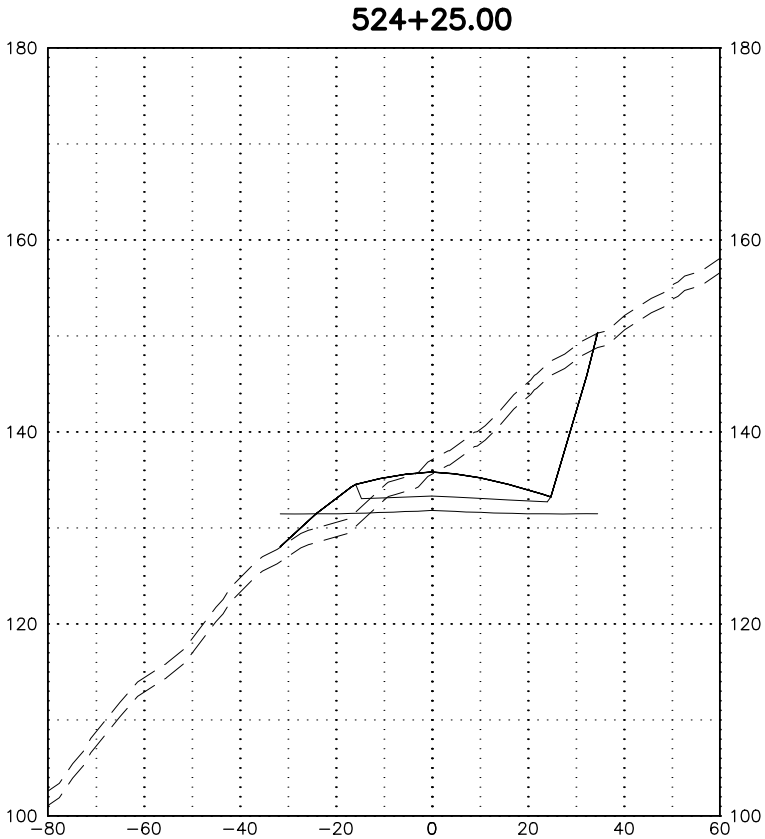
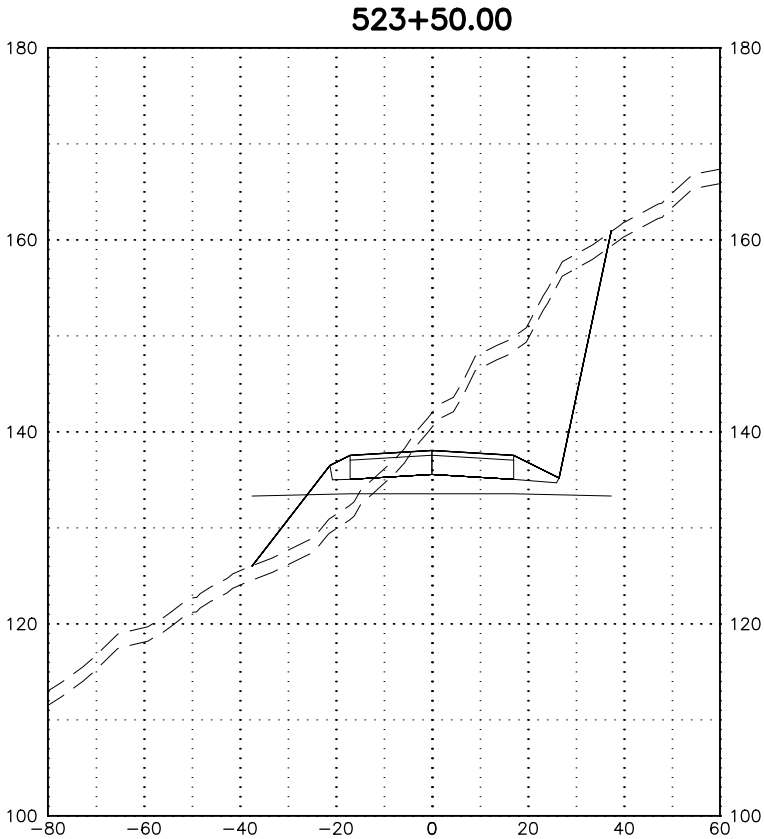
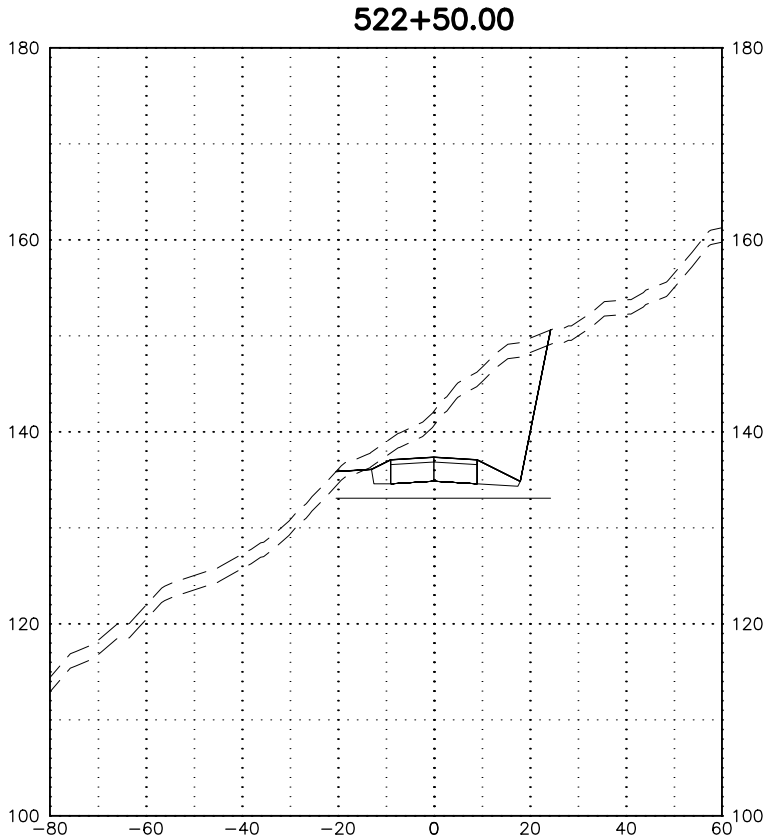
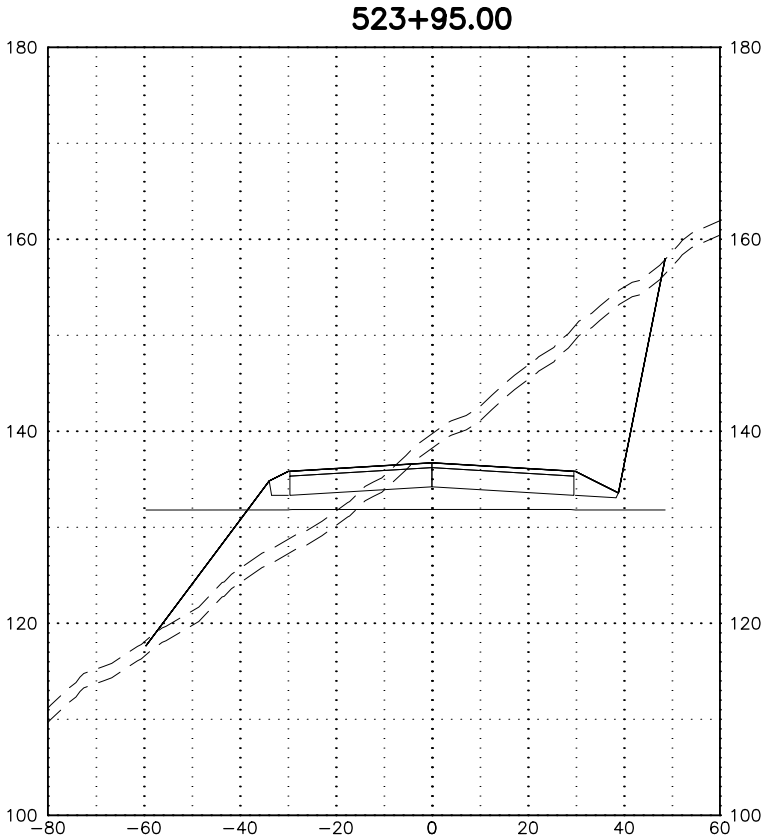
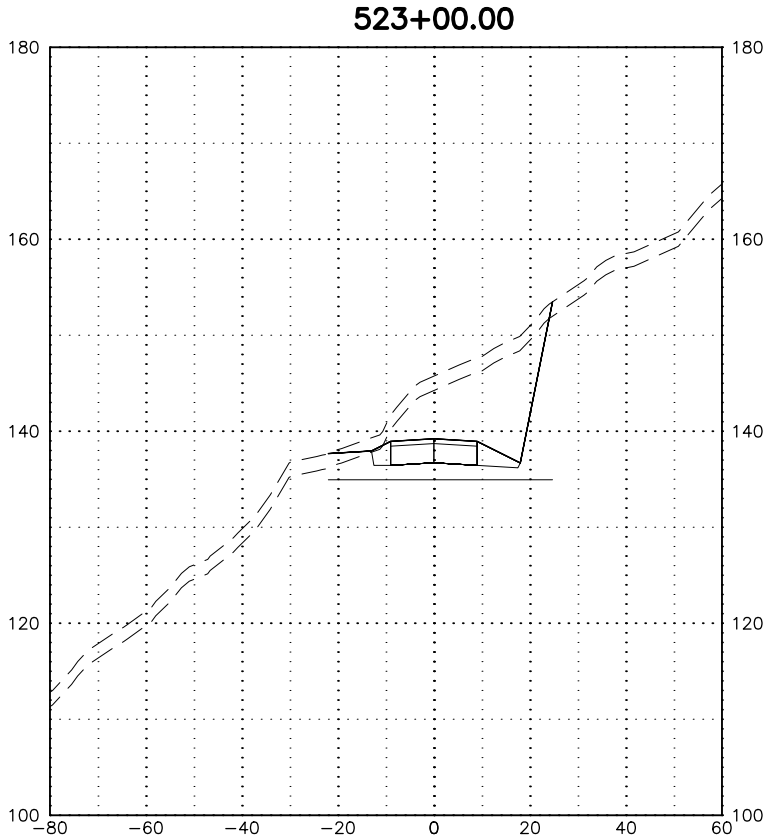
SHEET NO.	TOTAL SHEETS
X89	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



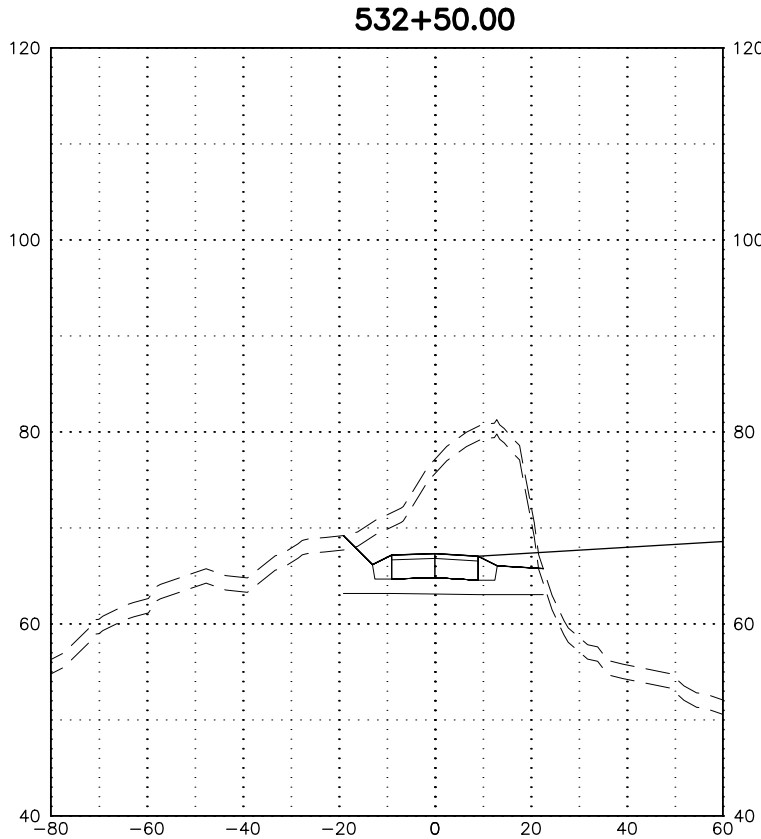
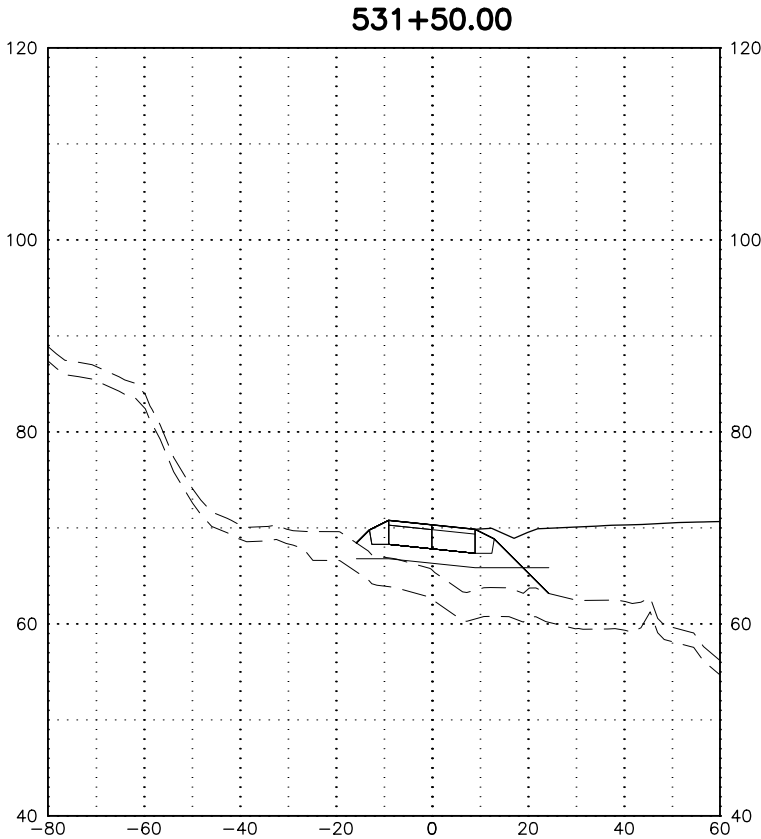
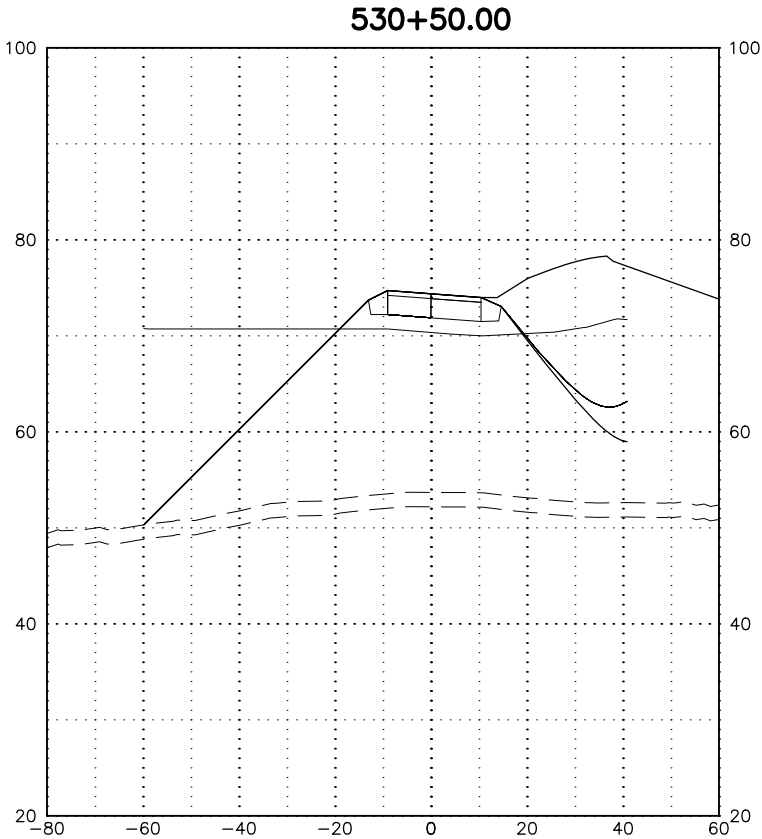
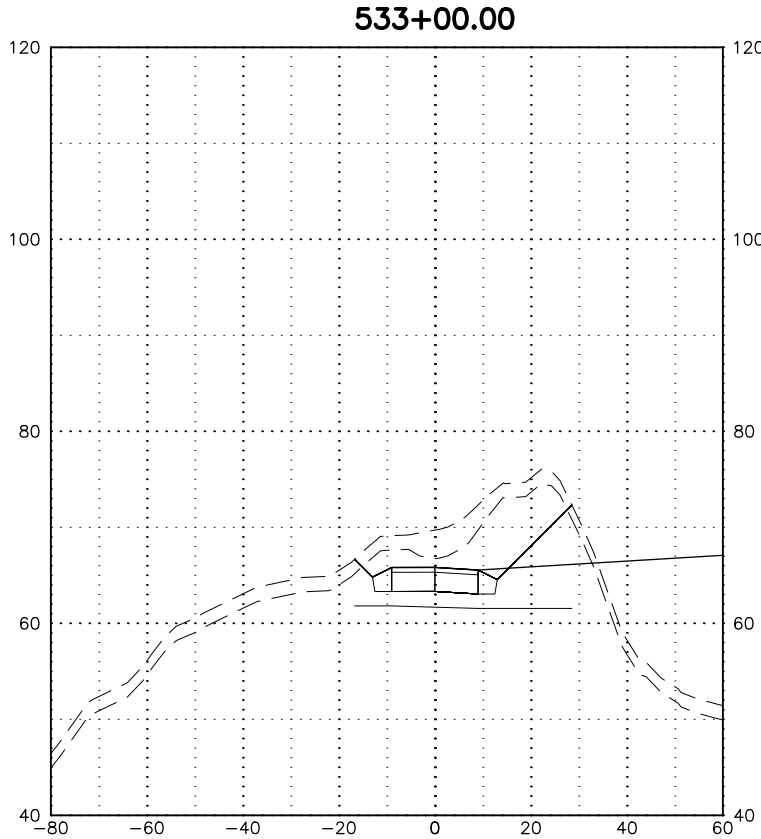
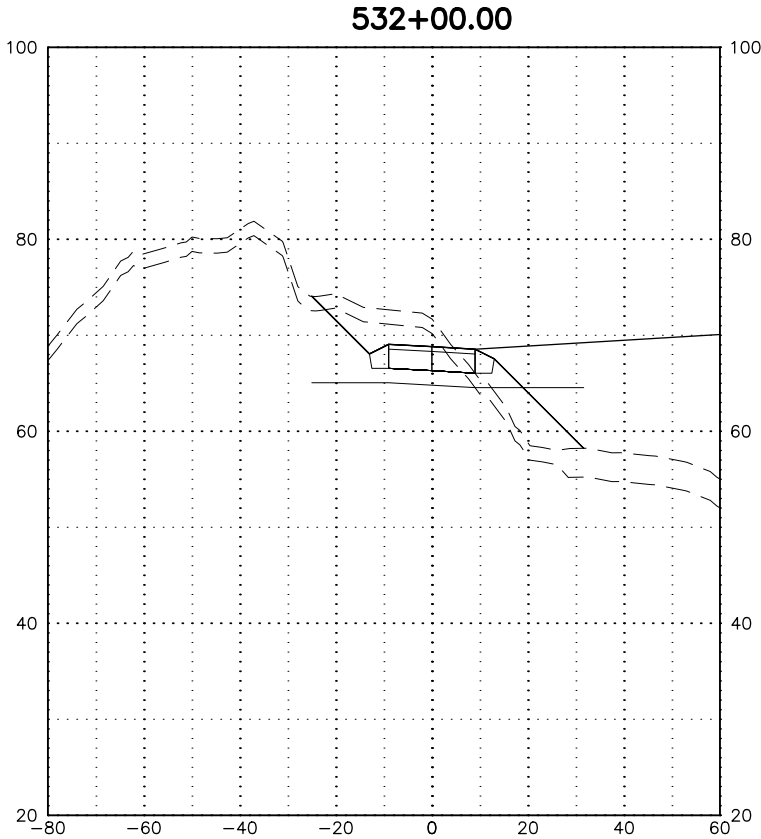
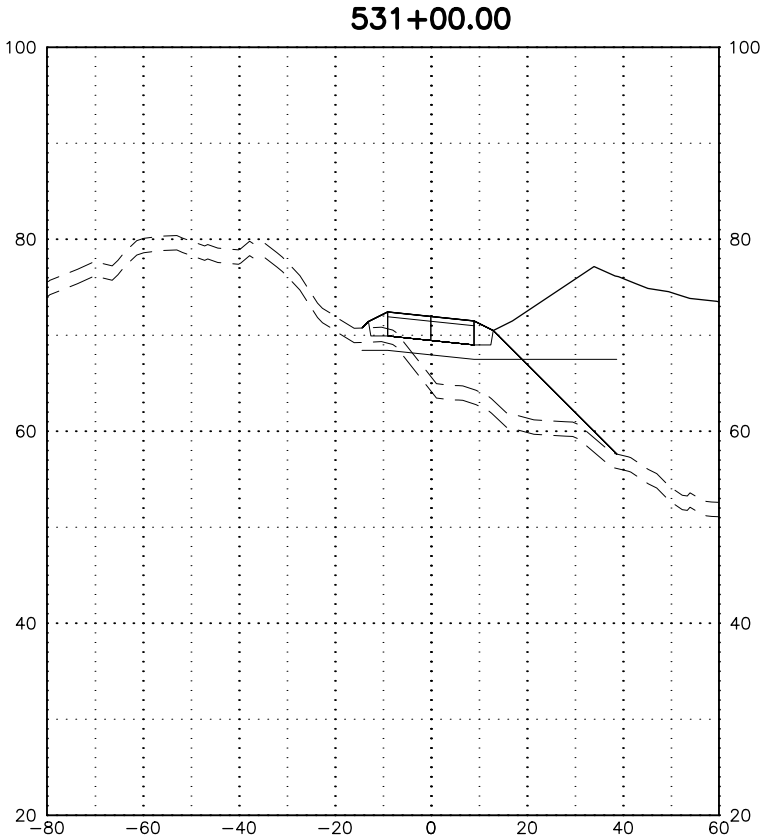
SHEET NO.	TOTAL SHEETS
X90	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



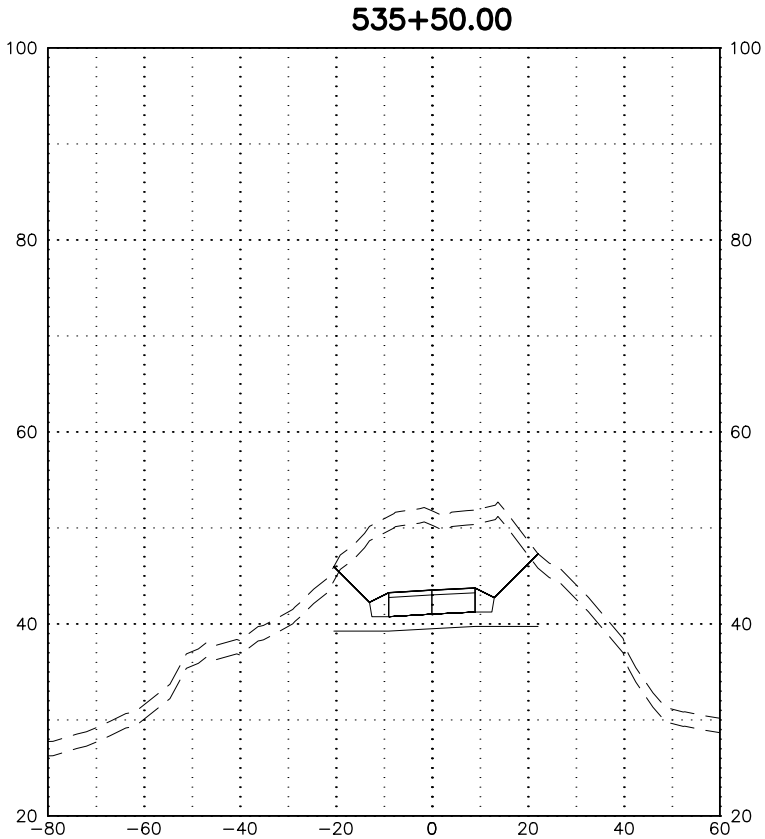
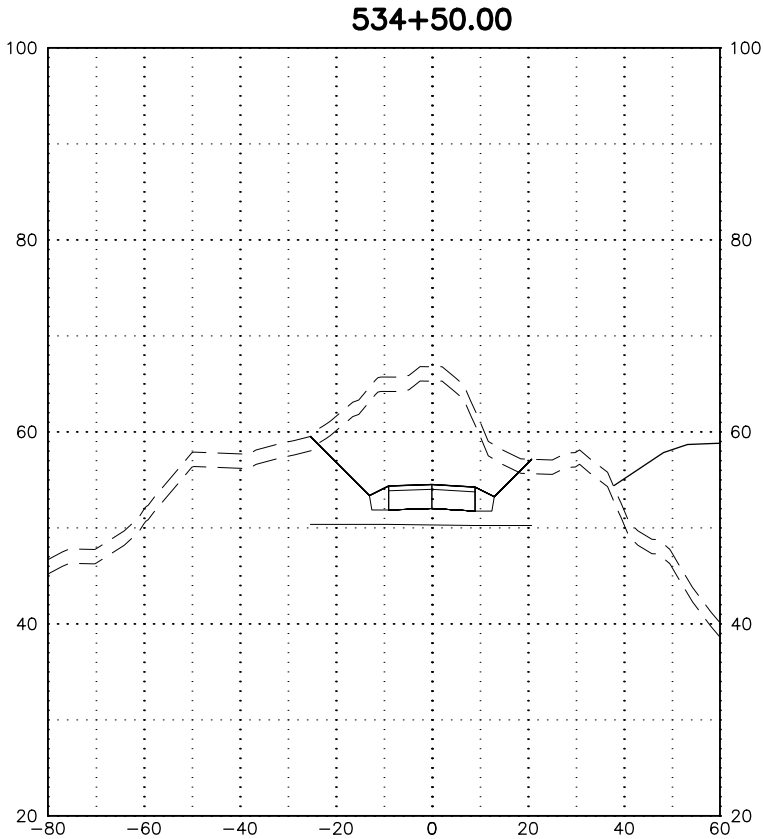
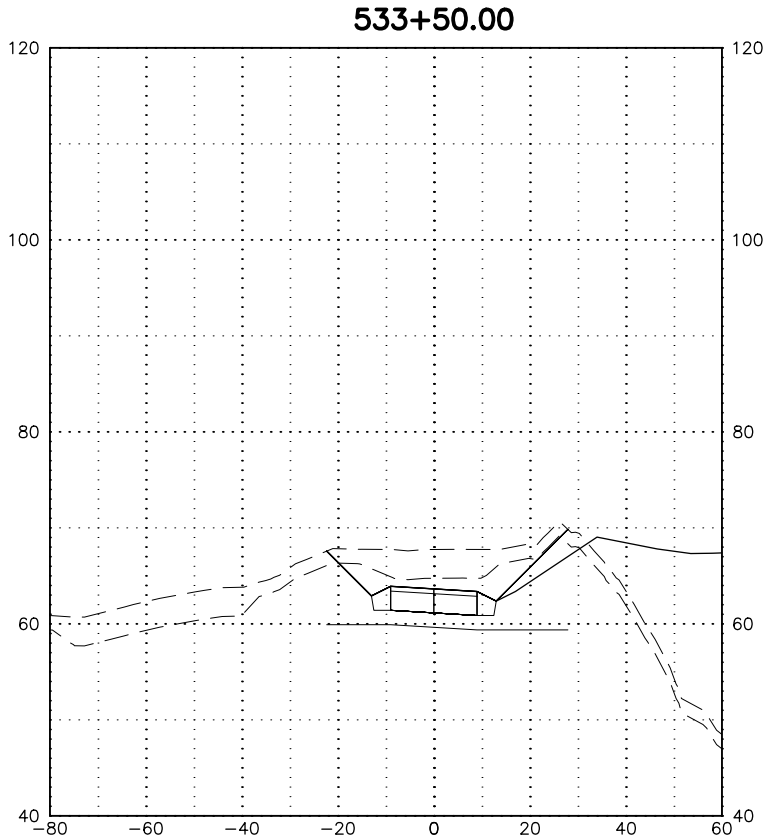
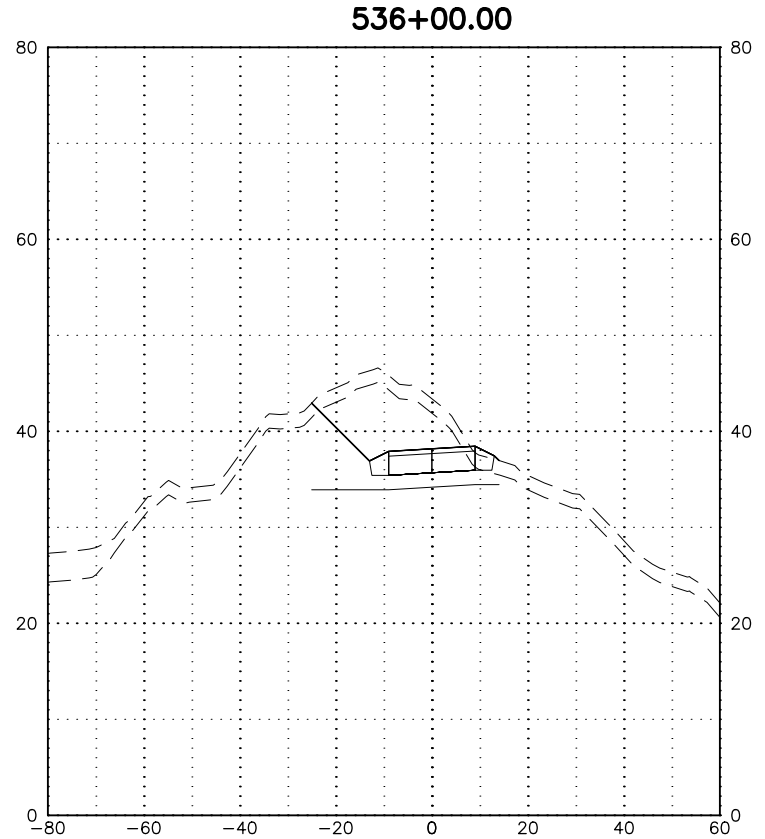
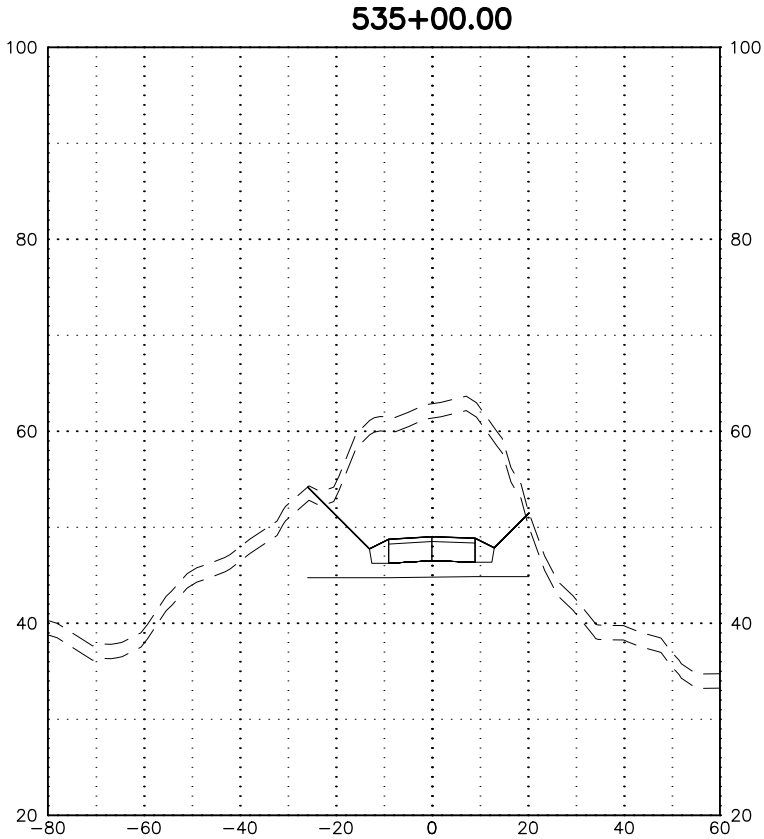
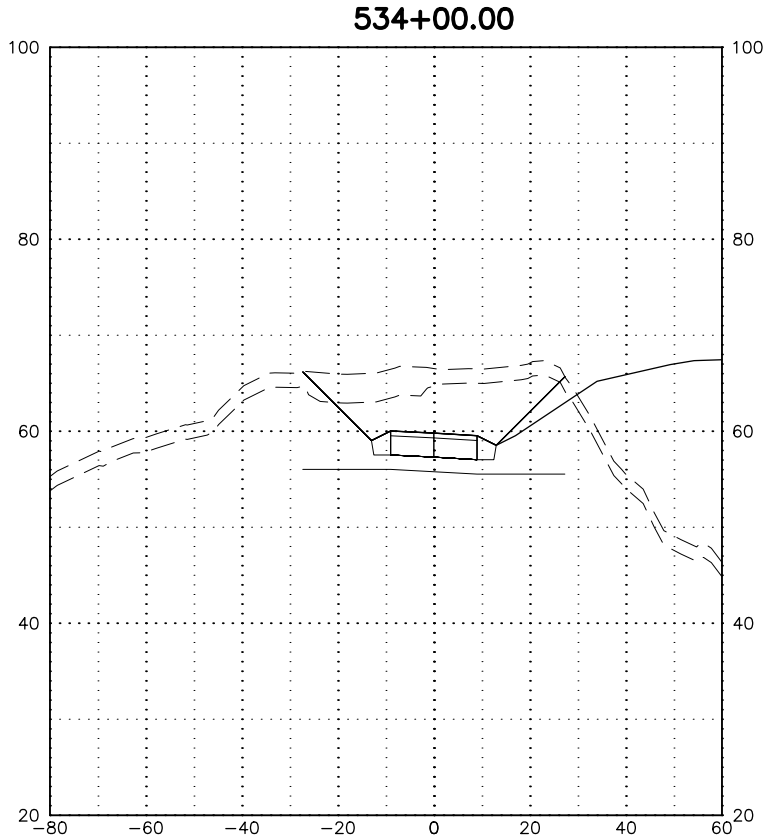
SHEET NO.	TOTAL SHEETS
X91	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



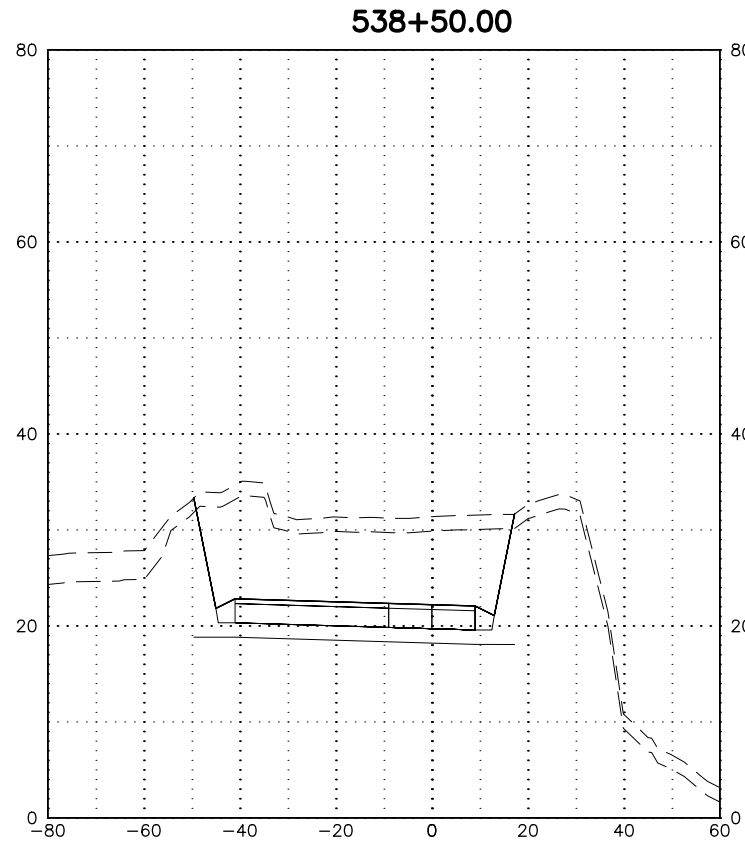
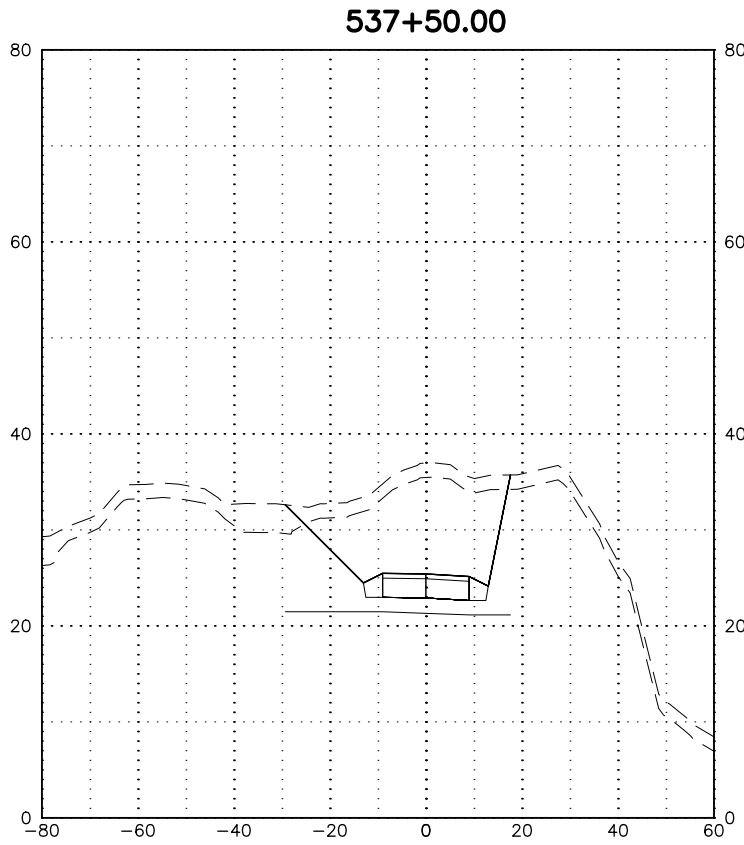
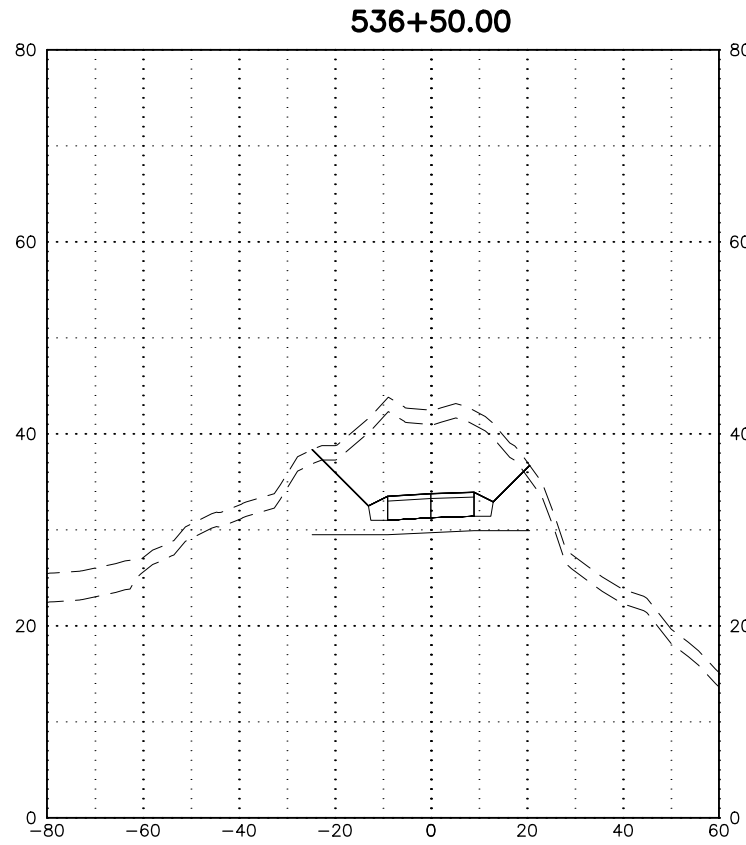
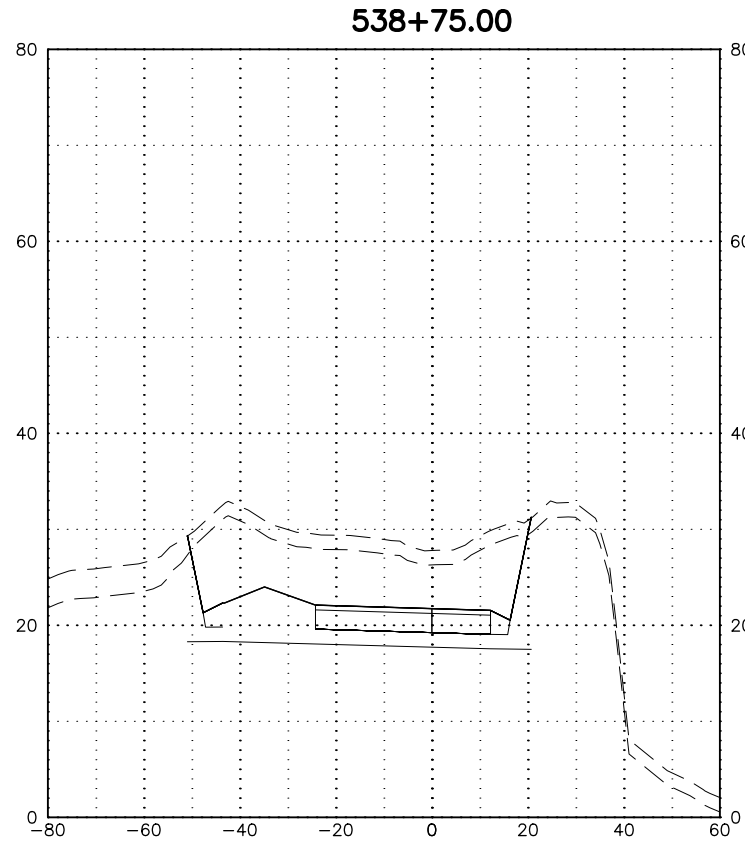
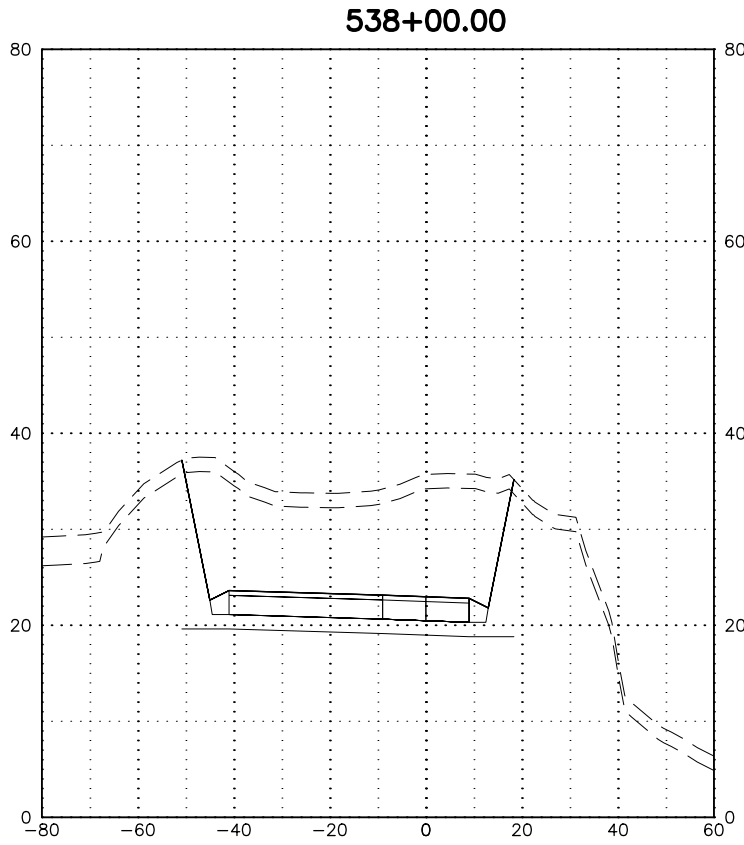
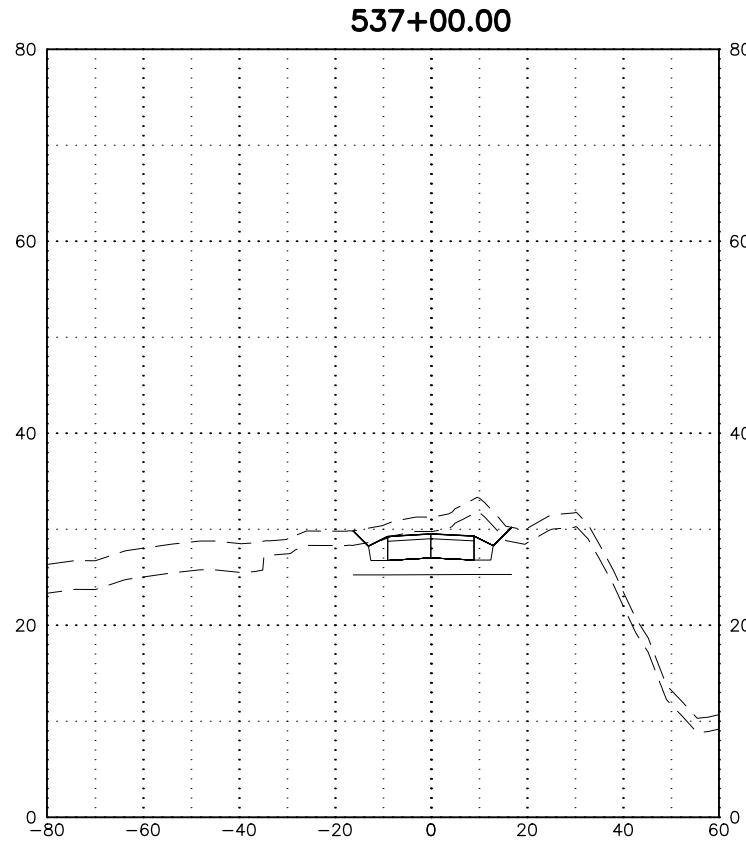
SHEET NO.	TOTAL SHEETS
X92	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



CRW ENGINEERING GROUP, LLC
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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



SHEET NO.	TOTAL SHEETS
X93	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/XXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

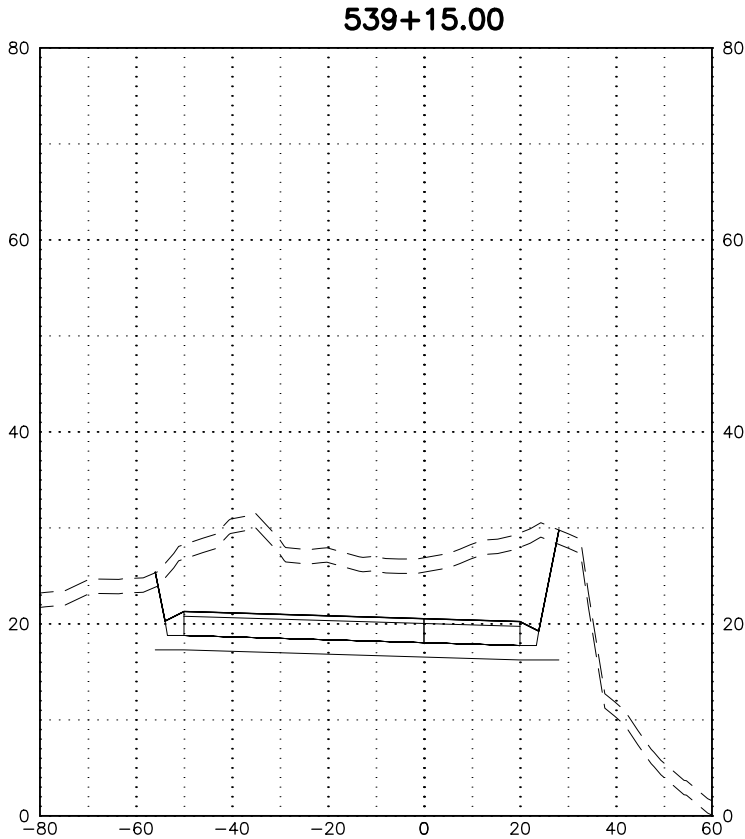
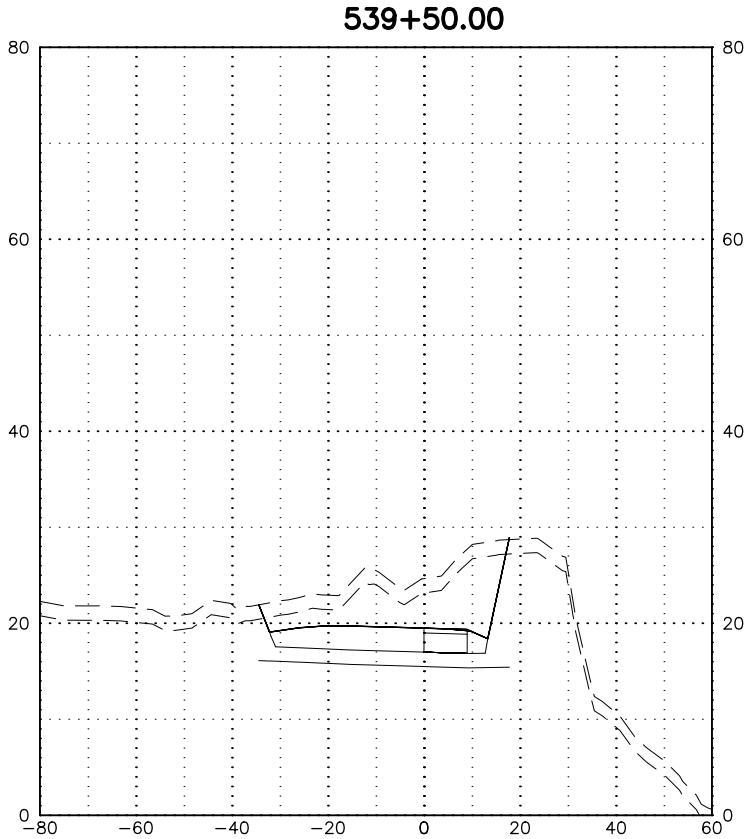
Colin M. Singleton
CE-124820

REGISTERED PROFESSIONAL ENGINEER

CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
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CITY OF WHITTIER
SHOTGUN COVE ROAD
EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD



SHEET NO.	TOTAL SHEETS
X94	X94
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
XXXX(XXX)/ XXXXXXXXXXXX	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49TH

Colin M. Singleton
CE-124820

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EXTENSION
MILE 2.0 TO 4.5

CROSS SECTIONS
ACCESS ROAD