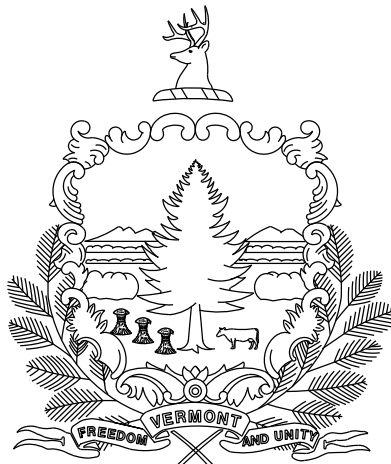


REVIEWER NOTES

1. TRAFFIC WILL BE MAINTAINED ON A TWO-WAY TEMPORARY BRIDGE. THE TEMPORARY BRIDGE WILL BE LOCATED DOWNSTREAM OF BRIDGE 59.
2. IT IS ANTICIPATED THAT RIGHT-OF-WAY ACQUISITION WILL BE NECESSARY FOR THIS PROJECT.
3. IT IS ANTICIPATED THAT AN OVERHEAD UTILITIES RELOCATION WILL BE NEEDED.
4. THERE IS AN UNDERGROUND SEWER MAIN, OWNED BY NORTH BRANCH DISTRICT #1, LOCATED UPSTREAM OF BRIDGE 59. THE SEWER MAIN PARALLELS VT 100 ON THE UPSTREAM SIDE THROUGH THE ENTIRE PROJECT AREA. THE SEWER MAIN CROSSES THE RIVER JUST UPSTREAM OF THE BRIDGE. THERE IS ALSO AN EXISTING SEWER MAIN WHICH CROSSES VT ROUTE 100 APPROXIMATELY 200 FEET NORTH OF BRIDGE 59. CARE SHOULD BE TAKEN DURING CONSTRUCTION TO AVOID THESE UNDERGROUND UTILITIES.
5. A SIMPLIFIED PAVEMENT DESIGN HAS BEEN DONE FOR THIS PROJECT.
6. STATIONS ARE SHOWN FOR THE CENTERLINE OF BEARINGS AT THE ABUTMENTS AT THIS CONCEPTUAL STAGE, AND STRUCTURE LENGTH IS ACTUALLY SPAN LENGTH. THE BEGIN AND END BRIDGE STATIONS WILL BE SHOWN ON THE PRELIMINARY PLANS WHEN THE END OF BRIDGE DETAILS ARE DEVELOPED.
7. PRECAST NEXT D BEAMS HAVE BEEN SHOWN FOR A CONCEPTUAL SUPERSTRUCTURE TYPE. THERE IS DISCUSSION ON WHETHER NEXT BEAMS OF THIS WIDTH AND SKEW PRESENT PROBLEMS DURING CONSTRUCTION WITH BEARINGS MAKING CONTACT WITH ALL FOUR TOUCHDOWN POINTS. AS SUCH, THE SUPERSTRUCTURE TYPE MAY CHANGE AT A LATER DESIGN STAGE. ADJACENT BOX SECTIONS WITH A STRUCTURAL OVERLAY AND BARE DECK MAY ALSO BE AN APPROPRIATE SUPERSTRUCTURE TYPE FOR THIS PROJECT. IN ORDER TO MEET THE MINIMUM HYDRAULIC STANDARD, THE TOTAL SUPERSTRUCTURE DEPTH SHOULD BE 31 INCHES OR LESS.

STATE OF VERMONT

AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

BRIDGE PROJECT

TOWN OF DOVER

COUNTY OF WINDHAM

ROUTE NO : VT ROUTE 100, RURAL MINOR ARTERIAL BRIDGE NO : 59

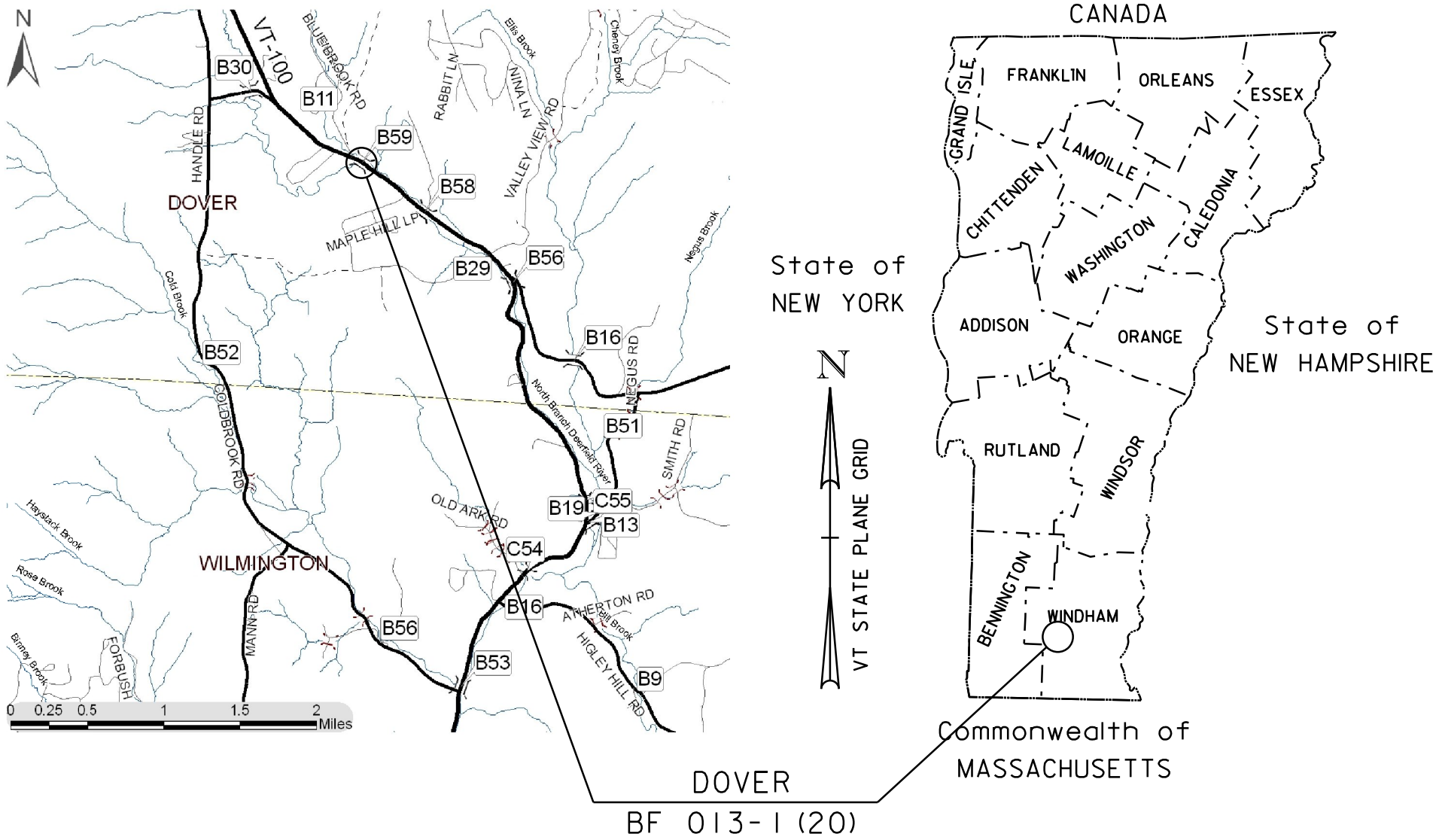
PROJECT LOCATION: APPROXIMATELY 7.1 MILES NORTH OF THE JUNCTION OF VT ROUTE 100 AND VT ROUTE 9

PROJECT DESCRIPTION: REMOVAL OF EXISTING BRIDGE, AND REPLACEMENT WITH A NEW STRUCTURE.

LENGTH OF STRUCTURE: 65.00 FEET

LENGTH OF ROADWAY: 160.00 FEET

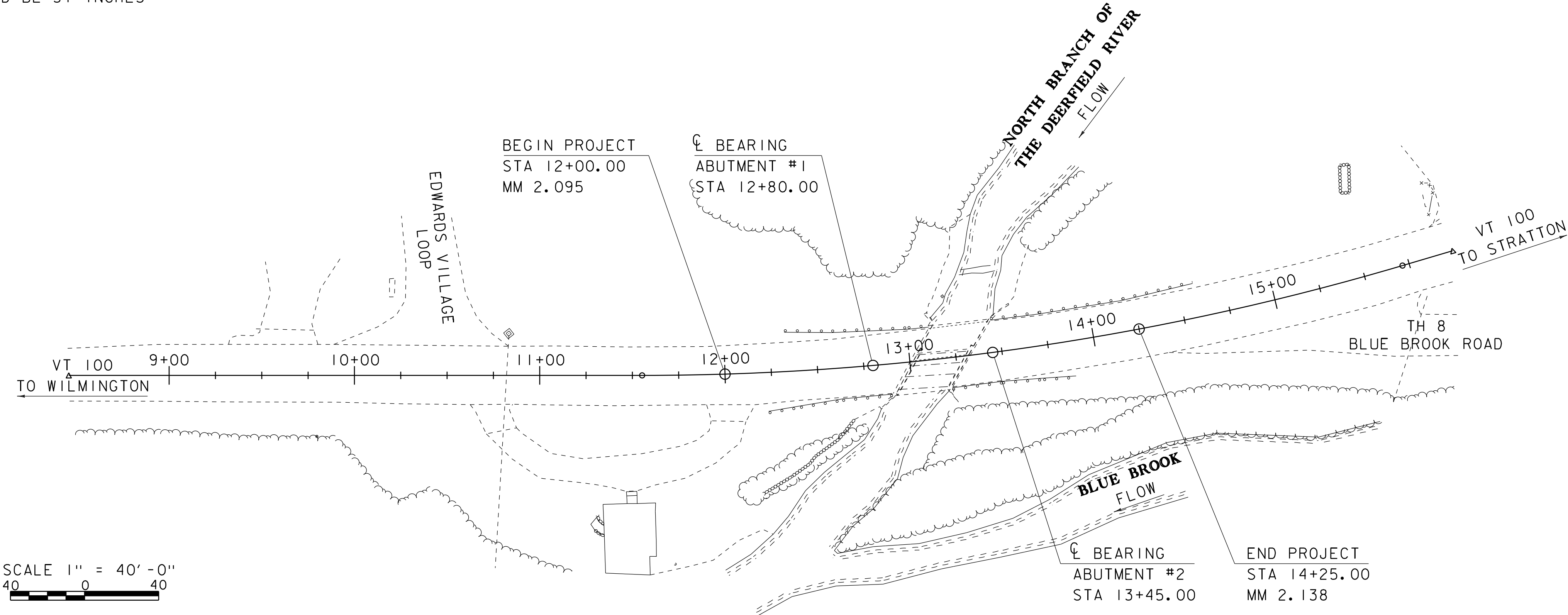
LENGTH OF PROJECT: 225.00 FEET



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL 2	
SURVEYED BY :	L. ORVIS
SURVEYED DATE :	05-12-2013
DATUM	
VERTICAL	NAVD88
HORIZONTAL	NAD 83 (96)



CONCEPTUAL PLANS

05-JUN-2014

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED _____	DATE _____
PROJECT MANAGER : C.P. WILLIAMS	
PROJECT NAME :	DOVER
PROJECT NUMBER :	BF 013-1 (20)
SHEET 1 OF 18 SHEETS	

INDEX OF SHEETS

PLAN SHEETS

1	TITLE SHEET
2	PRELIMINARY INFORMATION SHEET
3	TYPICAL SECTIONS
4	SYMBOLOLOGY LEGEND SHEET
5	LAYOUT SHEET
6	PROFILE SHEET
7	GUARDRAIL LAYOUT SHEET
8	BORING INFORMATION SHEET
9 - 13	MAINLINE CROSS SECTIONS
14 - 17	CHANNEL CROSS SECTIONS
18	EXISTING CONDITIONS LAYOUT SHEET

STANDARDS LIST

STRUCTURES DETAIL SHEETS

SD-366.00	LONGSPAN STEEL BEAM GUARDRAIL, GALVANIZED	11/25/2013
SD-501.00	CONCRETE DETAILS AND NOTES	5/7/2010
SD-502.00	CONCRETE DETAILS AND NOTES	5/7/2010
SD-516.00	BRIDGE JOINT ASPHALTIC PLUG	5/7/2010
SD-516.11a	BRIDGE EXPANSION JOINT, VERMONT	2/24/2011
SD-516.11b	BRIDGE EXPANSION JOINT, VERMONT	2/25/2011
SD-601.00	STRUCTURAL STEEL DETAILS AND NOTES	5/7/2010
SD-602.00	STRUCTURAL STEEL PLATE GIRDER DETAILS AND NOTES	5/7/2010

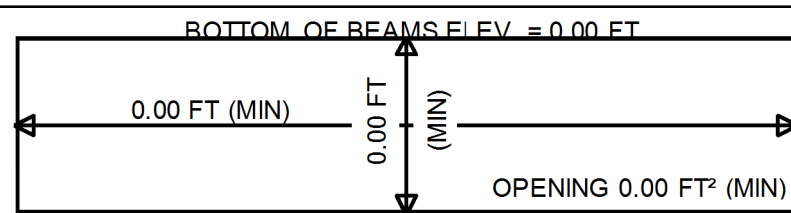
TRAFFIC DATA

YEAR	ADT	DHV	% D	% T	ADTT	20 year ESAL for flexible pavement from 2016 to 2036 : 1957000
2016	4900	890	55	6	390	40 year ESAL for flexible pavement from 2016 to 2056 : 4452000
2036	5200	950	55	9.1	630	Design Speed : 40 mph

AS BUILT "REBAR" DETAIL

LEVEL I	LEVEL II	LEVEL III
TYPE:	TYPE:	TYPE:
GRADE:	GRADE:	GRADE:

TEMPORARY BRIDGE PROFILE ALONG TEMP CL



FINAL HYDRAULIC REPORT

TRAFFIC MAINTENANCE NOTES

1. MAINTAIN TWO-WAY TRAFFIC ON A TEMPORARY BRIDGE.
2. TRAFFIC SIGNALS ARE NOT NECESSARY.
3. SIDEWALKS ARE NOT NECESSARY
4. THE APPROACHES FOR THE TEMPORARY BRIDGE SHALL BE PAVED.

DESIGN VALUES

1. DESIGN LIVE LOAD	HL-93
2. FUTURE PAVEMENT	d_p : 3.0 INCH
3. DESIGN SPAN	L : 65.00 FT
4. MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRESSED UNITS)	Δ : ---
5. PRESTRESSING STRAND (0.60 INCH DIAMETER - LOW RELAX)	f_y : 270 KSI
6. PRESTRESSED CONCRETE STRENGTH	f'_c : 6.0 KSI
7. PRESTRESSED CONCRETE RELEASE STRENGTH	f'_{ci} : 5.0 KSI
8. CONCRETE, HIGH PERFORMANCE CLASS AA	f'_c : 4.0 KSI
9. CONCRETE, HIGH PERFORMANCE CLASS A	f'_c : 4.0 KSI
10. CONCRETE, HIGH PERFORMANCE CLASS B	f'_c : 3.5 KSI
11. CONCRETE, CLASS C	f'_c : 3.0 KSI
12. REINFORCING STEEL	f_y : 60 KSI
13. STRUCTURAL STEEL AASHTO M270	f_y : ---
14. NOMINAL BEARING RESISTANCE OF SOIL	q_n : 4.0 KSF
15. SOIL BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	ϕ : ---
16. NOMINAL BEARING RESISTANCE OF ROCK	q_n : 10.0 KSF
17. ROCK BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	ϕ : ---
18. PILE RESISTANCE FACTOR	ϕ : ---
19. LATERAL PILE DEFLECTION	Δ : ---
20. BASIC WIND SPEED	V_{3s} : ---
21. MINIMUM GROUND SNOW LOAD	p_g : ---
22. SEISMIC DATA	S_s : ---
	S_1 : ---
23.	---
24.	---
25.	---
26.	---

PROJECT NAME: **DOVER**PROJECT NUMBER: **BF 013-1(20)**

FILE NAME: 13b058\s13b05

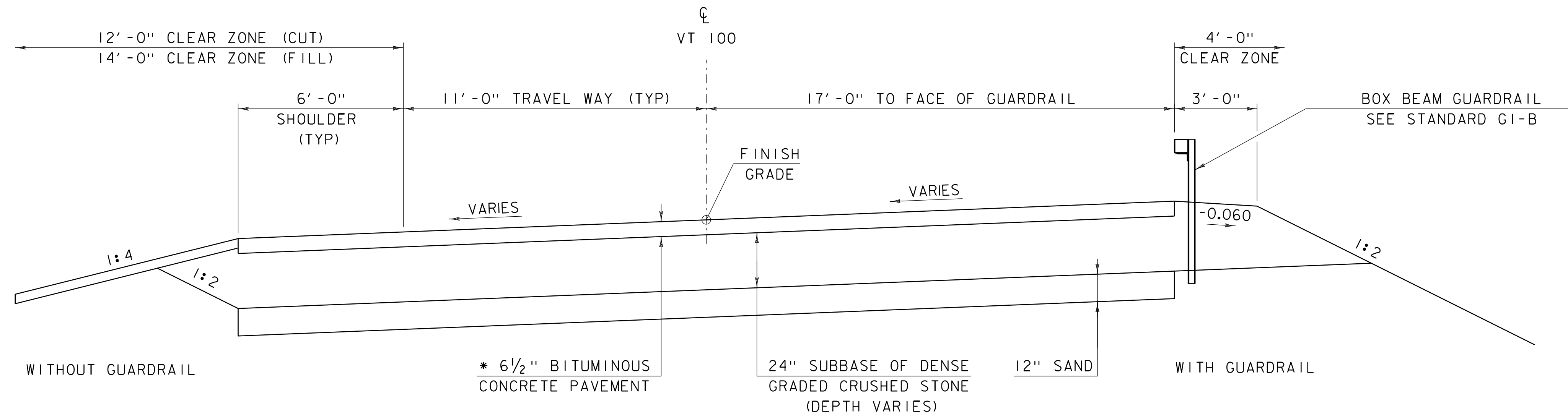
PROJECT LEADER: **C.P.WILLIAMS**

PLOT DATE: 4/22/2014

DRAWN BY: **D.D.BEARD**

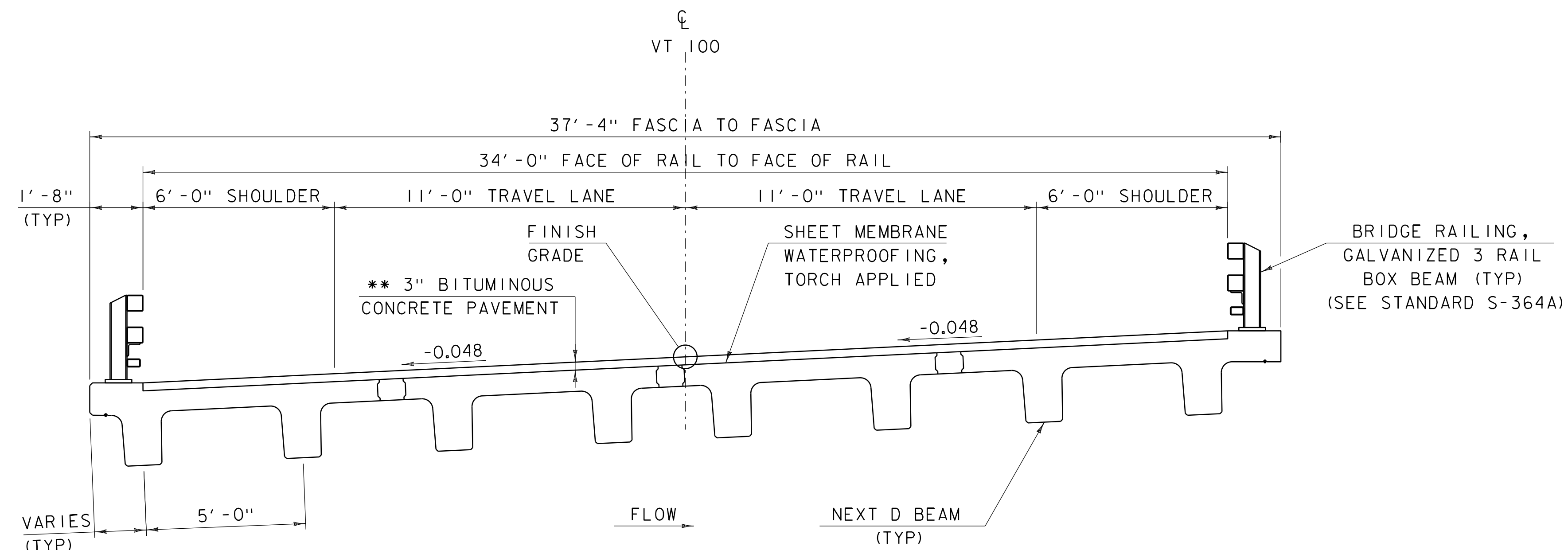
CHECKED BY: L.J.STONE

SHEET 2 OF 18



VT ROUTE 100 ROADWAY TYPICAL SECTION

SCALE: 3/8" = 1'-0"



BRIDGE TYPICAL SECTION

SCALE: 3/8" = 1'-0"
ALL DIMENSIONS ARE RADIAL

** 1 1/2" TYPE IVS OVER
1 1/2" TYPE IVS

MATERIAL TOLERANCES (IF USED ON PROJECT)

SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"

PROJECT NAME: DOVER

PROJECT NUMBER: BF 013-1(20)

FILE NAME: sl3b058typ.dgn
PROJECT LEADER: C.P.WILLIAMS
DESIGNED BY: L.J.STONE
TYPICAL SECTIONS

PLOT DATE: 05-JUN-2014
DRAWN BY: L.J.STONE
CHECKED BY:
SHEET 3 OF 18

SYMBOL OGY LEGEND NOTE

R. O. W. ABBREVIATIONS (CODES) & SYMBOLS

	BDNDS	BOUND SET
	BDNDS	BOUND TO BE SET
	IPNS	IRON PIN SET
	IPNS	IRON PIN TO BE SET
	CALC	EXISTING ROW POINT
	PROW	PROPOSED ROW POINT
[LENGTH]		LENGTH CARRIED ON NEXT SHEET

POINT	CODE	DESCRIPTION
-------	------	-------------

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

CODE	DESCRIPTION
------	-------------

E CURVE EXTERNAL DISTANCE

UNDERGROUND UTILITIES

BOVE GROUND UTILITIES (AERIAL)

PROJECT CONSTRUCTION SYMBOLOGY

— - - CZ - - - CLEAR ZONE
 _____ PLAN LAYOUT MATCHLINE

	TOP OF CUT SLOPE
	TOE OF FILL SLOPE
	STONE FILL
	BOTTOM OF DITCH ☿
	CULVERT PROPOSED
	STRUCTURE SUBSURFACE
	PROJECT DEMARCATION FENCE
	BARRIER FENCE
	TREE PROTECTION ZONE (TPZ)
	STRIPING LINE REMOVAL
	SHEET PILES

BOUNDARY LINES

The diagram shows a horizontal line representing a property boundary. Above the line, there are three triangles pointing right, labeled 'SR' (Slope Right-of-Way). Below the line, there are three triangles pointing left, labeled 'HAZ' (Hazardous Waste). The line is labeled '6f' on the left and '4f' on the right, indicating the width of the property boundary. The text 'SLOPE RIGHTS' is written to the right of the diagram.

EPSC MEASURES

ENVIRONMENTAL RESOURCES

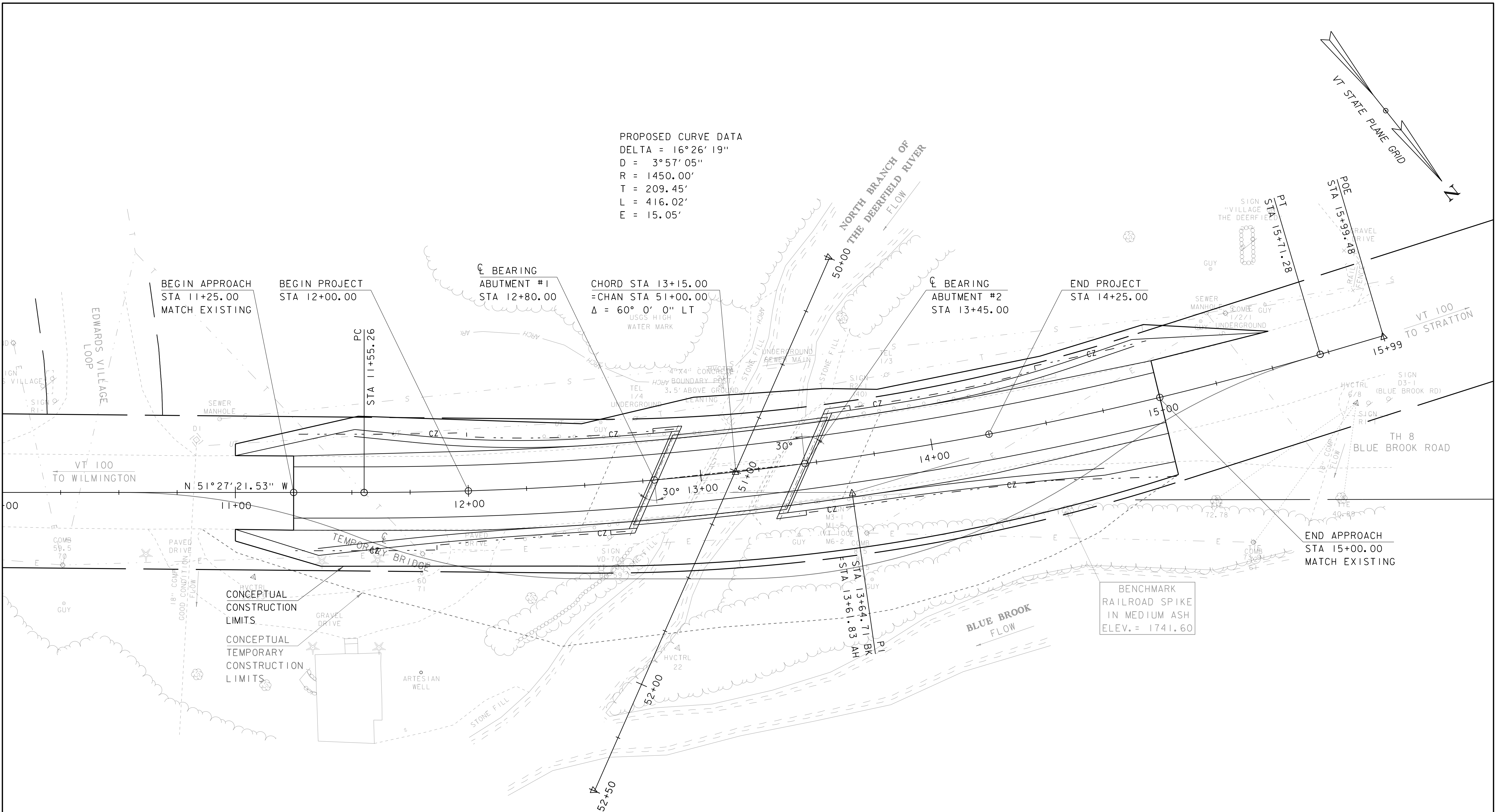
ARCHAEOLOGICAL & HISTORIC

CONVENTIONAL TOPOGRAPHIC SYMBOLOLOGY

	ROAD EDGE PAVEMENT
	ROAD EDGE GRAVEL
	DRIVEWAY EDGE
	DITCH
	FOUNDATION
	FENCE (EXISTING)
	FENCE WOOD POST
	FENCE STEEL POST
	GARDEN
	ROAD GUARDRAIL
	RAILROAD TRACKS
	CULVERT (EXISTING)
	STONE WALL
	WALL
	WOOD LINE
	BRUSH LINE
	HEDGE
	BODY OF WATER EDGE
	LEDGE EXPOSED

FILE NAME: I3b058/sI3b058forms.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: M.LONGSTREET
DESIGNED BY: -----	CHECKED BY: -----
SYMBOLGY LEGEND SHEET	SHEET 4 OF 18

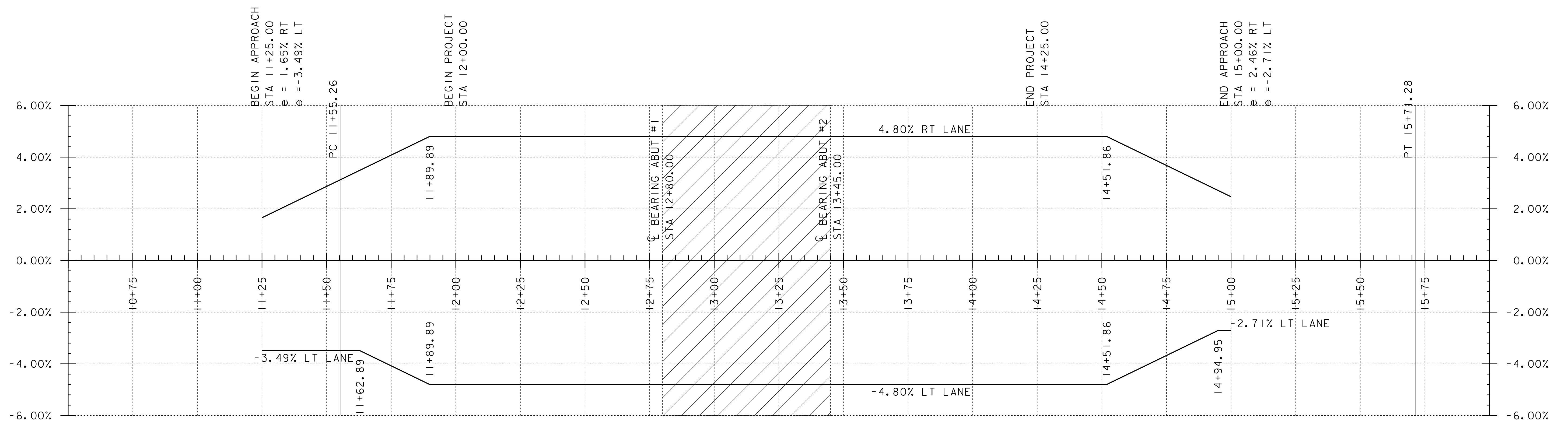
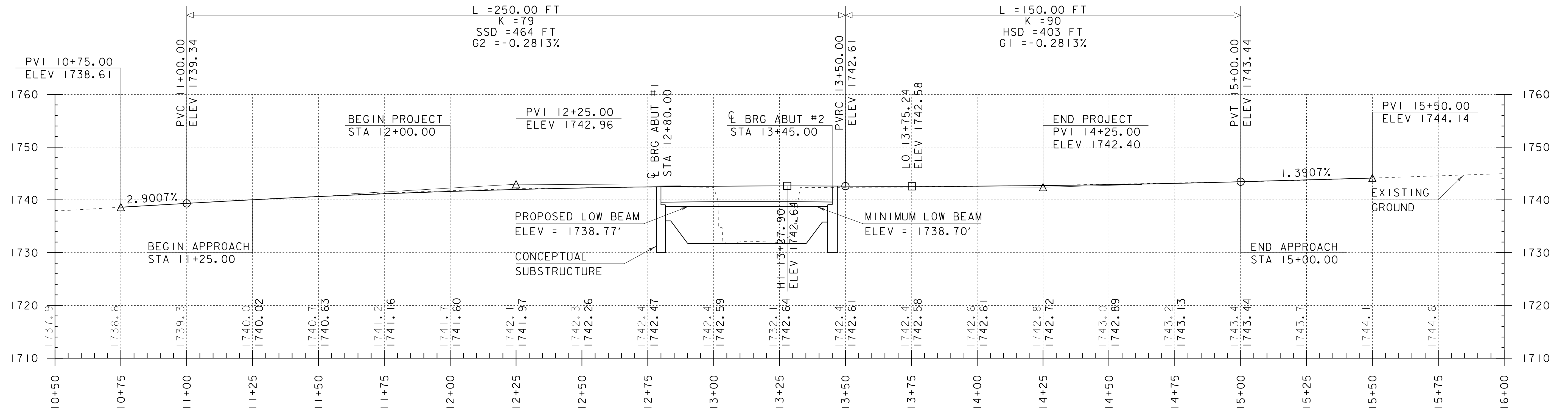
PROPOSED CURVE DATA
DELTA = 16°26'19"
D = 3°57'05"
R = 1450.00'
T = 209.45'
L = 416.02'
E = 15.05'



EXISTING BRIDGE INFO
CONCRETE T-BEAM WIDENED
WITH CONCRETE SLAB
BUILT 1926, WIDENED 1978
35' LONG, 35' FASCIA TO FASCIA

LAYOUT
SCALE 1" = 20' -0"
20 0 20

PROJECT NAME:	DOVER	PLOT DATE:	05-JUN-2014
PROJECT NUMBER:	BF 013-I(20)	DRAWN BY:	D.D.BEARD
FILE NAME:	I3b058/sI3b058border.dgn	CHECKED BY:	-----
PROJECT LEADER:	C.P.WILLIAMS	SHEET	5 OF 18
DESIGNED BY:	-----		
LAYOUT SHEET			



NOTE:
ELEVATIONS SHOWN TO THE NEAREST TENTH ARE
EXISTING GROUND ALONG PROPOSED CENTERLINE.

ELEVATIONS SHOWN TO THE NEAREST HUNDREDTH ARE
FINISH GRADES ALONG PROPOSED CENTERLINE.

PROJECT NAME:	DOVER	PLOT DATE:	05-JUN-2014
PROJECT NUMBER:	BF 013-1(20)	DRAWN BY:	L.J.STONE
FILE NAME:	13b058/s13b058profile.dgn	CHECKED BY:	-----
PROJECT LEADER:	C.P.WILLIAMS	SHEET	6 OF 18
DESIGNED BY:	-----		
PROFILE SHEET			

SOIL CLASSIFICATION

AASHTO	
A1	Gravel and Sand
A3	Fine Sand
A2	Silty or Clayey Gravel and Sand
A4	Silty Soil - Low Compressibility
A5	Silty Soil - Highly Compressible
A6	Clayey Soil - Low Compressibility
A7	Clayey Soil - Highly Compressible

ROCK QUALITY DESIGNATION

R.O.D. (%)	ROCK DESCRIPTION
<25	Very Poor
25 to 50	Poor
51 to 75	Fair
76 to 90	Good
>90	Excellent

SHEAR STRENGTH

UNDRAINED SHEAR STRENGTH IN P.S.F.	CONSISTENCY
<250	Very Soft
250-500	Soft
500-1000	Med. Stiff
1000-2000	Stiff
2000-4000	Very Stiff
>4000	Hard

CORRELATION GUIDE OF "N" TO DENSITY/CONSISTENCY

DENSITY (GRANULAR SOILS)		CONSISTENCY (COHESIVE SOILS)	
N	DESCRIPTIVE TERM	N	DESCRIPTIVE TERM
<5	Very Loose	<2	Very Soft
5-10	Loose	2-4	Soft
11-24	Med. Dense	5-8	Med. Stiff
25-50	Dense	9-15	Stiff
>50	Very Dense	16-30	Very Stiff
		31-60	Hard
		>60	Very Hard

COMMONLY USED SYMBOLS

▼	Water Elevation
⊕	Standard Penetration Boring
⊗	Auger Boring
⊙	Rod Sounding
○	Sample
N	Standard Penetration Test
	Blow Count Per Foot For:
	2" O.D. Sampler
	1 3/8" I.D. Sampler
	Hammer Weight Of 140 Lbs.
	Hammer Fall Of 30"
VS	Field Vane Shear Test
US	Undisturbed Soil Sample
B	Blast
DC	Diamond Core
MD	Mud Drill
WA	Wash Ahead
HSA	Hollow Stem Auger
AX	Core Size 1 1/8"
BX	Core Size 1 5/8"
NX	Core Size 2 1/8"
M	Double Tube Core Barrel Used
LL	Liquid Limit
PL	Plastic Limit
PI	Plasticity Index
NP	Non Plastic
w	Moisture Content (Dry Wgt.Basis)
D	Dry
M	Moist
MTW	Moist To Wet
W	Wet
Sat	Saturated
Bo	Boulder
Gr	Gravel
Sa	Sand
Si	Silt
Cl	Clay
HP	Hardpan
Le	Ledge
NLTD	No Ledge To Depth
CNPF	Can Not Penetrate Further
TLOB	Top of Ledge Or Boulder
NR	No Recovery
Rec.	Recovery
%Rec.	Percent Recovery
ROD	Rock Quality Designation
CBR	California Bearing Ratio
<	Less Than
>	Greater Than
R	Refusal (N > 100)
VTSPG	NAD83 - See Note 7

COLOR

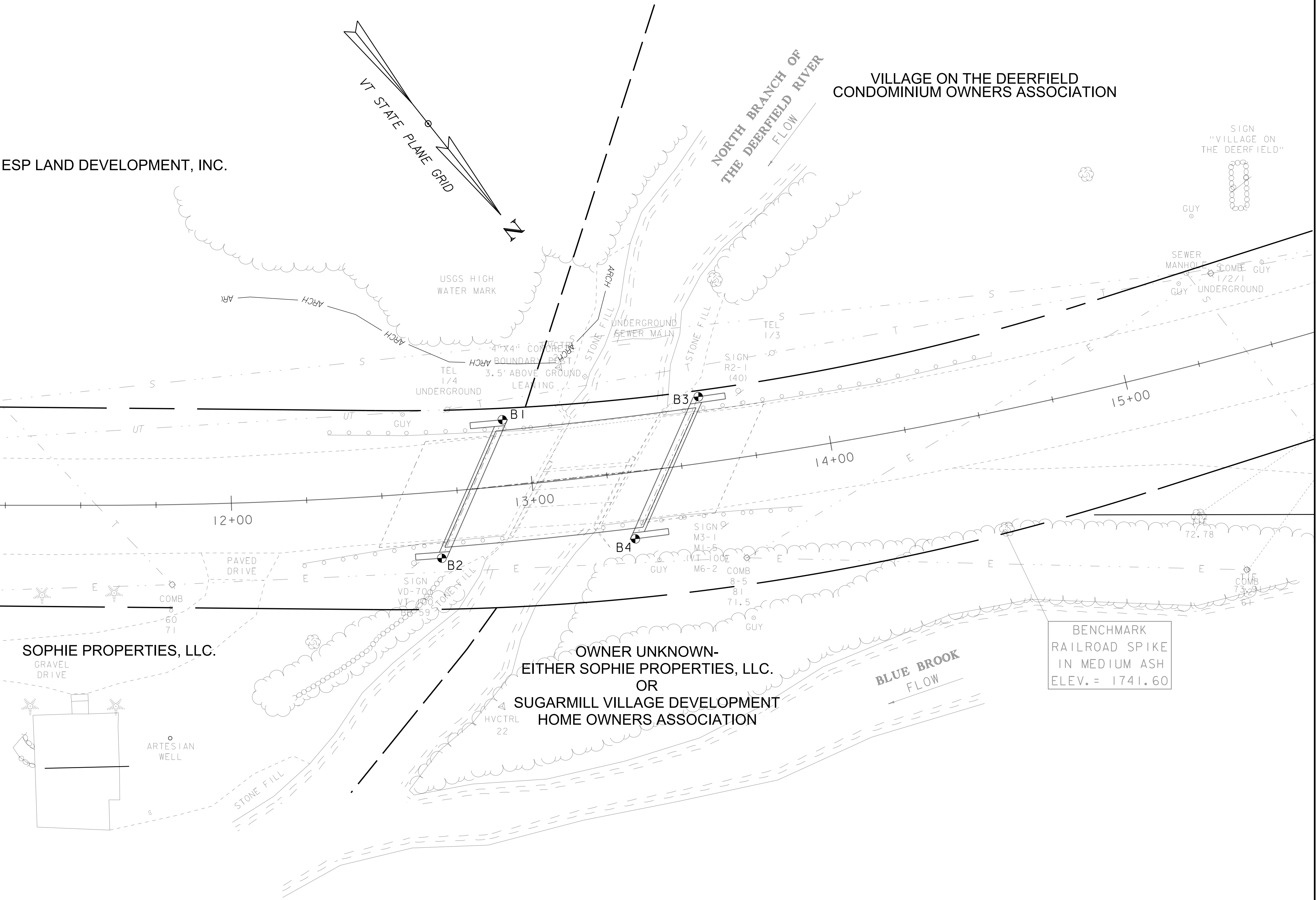
blk	Black	pnk	Pink
bl	Blue	pu	Purple
brn	Brown	rd	Red
dk	Dark	tn	Tan
gry	Gray	wh	White
gn	Green	yel	Yellow
lt	Light	mltc	Multicolored
or	Orange		

ESP LAND DEVELOPMENT, INC.

SOPHIE PROPERTIES, LLC.

OWNER UNKNOWN-
EITHER SOPHIE PROPERTIES, LLC.
OR
SUGARMILL VILLAGE DEVELOPMENT
HOME OWNERS ASSOCIATION

VILLAGE ON THE DEERFIELD
CONDOMINIUM OWNERS ASSOCIATION



DEFINITIONS (AASHTO)

BEDROCK (LEDGE) - Rock in its native location of indefinite thickness.
BOULDER - A rock fragment with an average dimension > 12 inches.
COBBLE - Rock fragments with an average dimension between 3 and 12 inches.
GRAVEL - Rounded particles of rock < 3" and > 0.0787" (#10 sieve).
SAND - Particles of rock < 0.0787" (#10 sieve) and > 0.0029" (#200 sieve).
SILT - Soil < 0.0029" (#200 sieve), non or slightly plastic and exhibits no strength when air-dried.
CLAY - Fine grained soil, exhibits plasticity when moist and considerable strength when air-dried.

VARVED - Alternate layers of silt and clay.
HARDPAN - Extremely dense soil, cemented layer, not softened when wet.
MUCK - Soft organic soil (containing > 10% organic material).
MOISTURE CONTENT - Weight of water divided by dry weight of soil.
FLOWING SAND - Granular soil so saturated (loose) that it flows into drill casing during extraction of wash rod.
STRIKE - Angle from magnetic north to line of intersection of bed with a horizontal plane.
DIP - Inclination of bed with a horizontal plane.

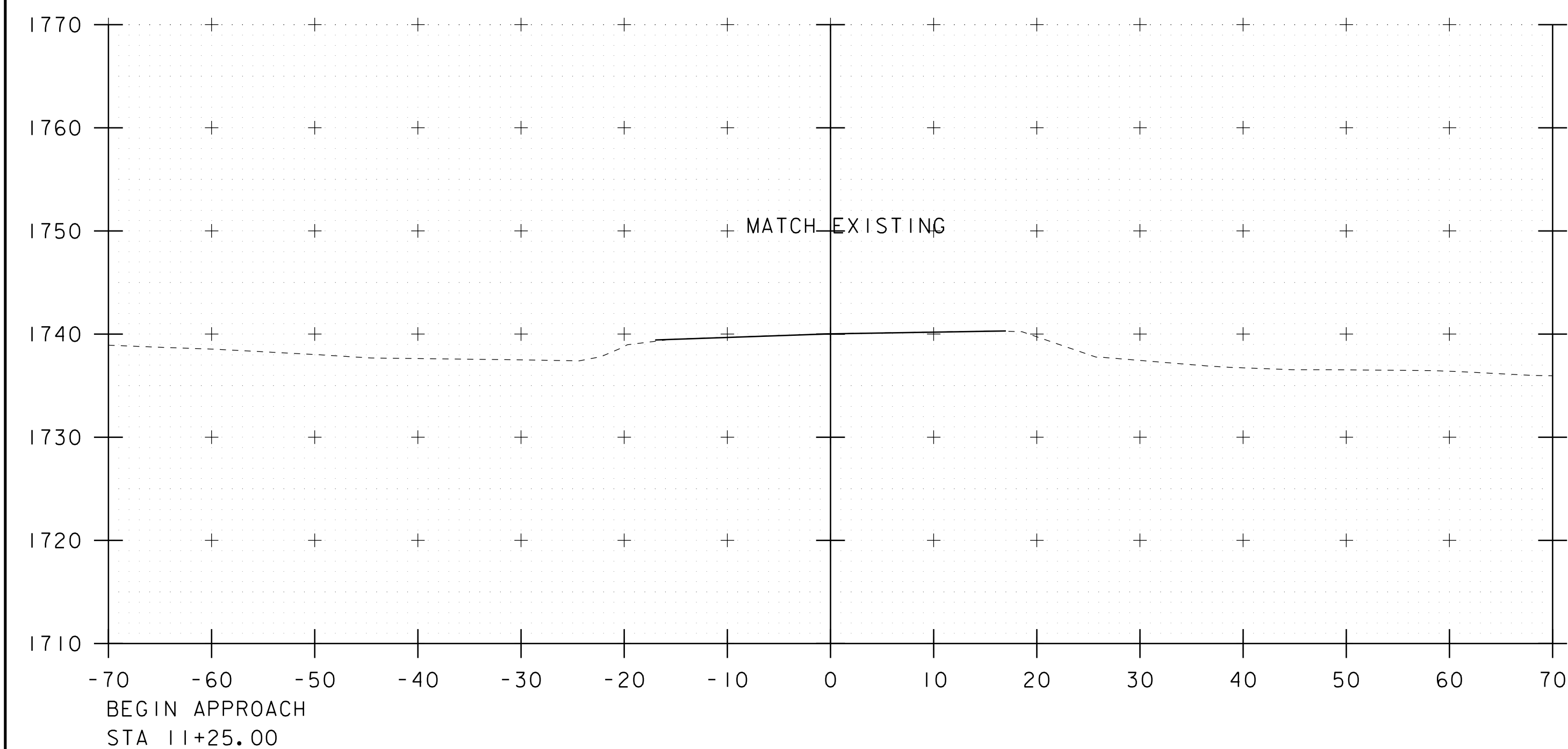
GENERAL NOTES

- The subsurface explorations shown herein were made between ----- and ----- by the Agency.
- Soil and rock classifications, properties and descriptions are based on engineering interpretation from available subsurface information by the Agency and may not necessarily reflect actual variations in subsurface conditions that may be encountered between individual boring or sample locations.
- Observed water levels and/or conditions indicated are as recorded at the time of exploration and may vary according to the prevailing rainfall, methods of exploration and other factors.
- Engineering judgment was exercised in preparing the subsurface information presented herein. Analysis and interpretation of subsurface data was performed and interpreted for Agency design and estimating purposes. Presentation of the information in the Contract is intended to provide the Contractor access to the same data available to the Agency. The subsurface information is presented in good faith and is not intended as a substitute for personal investigation, independent interpretation, independent analysis or judgment by the Contractor.
- Pictorial structure details shown on the boring plan layout or soils profile are for illustrative purposes only and may not accurately portray final contract details.
- Terminology used on boring logs to describe the hardness, degree of weathering, and spacing of fractures, joints and other discontinuities in the bedrock is defined in the AASHTO Manual on Subsurface Investigations, 1988.
- Northing and Easting coordinates are shown in Vermont State Plane Grid North American Datum 1983 in meters and survey feet.

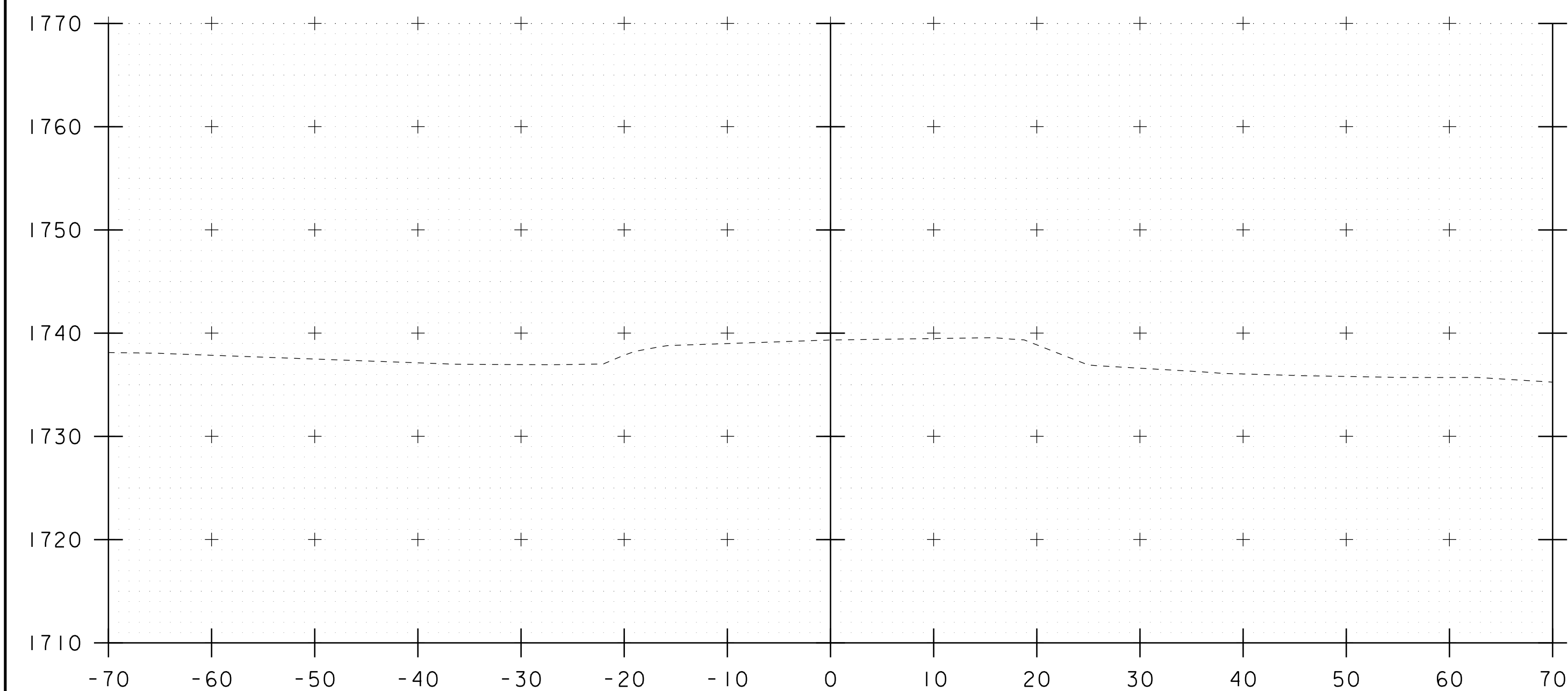
BORING CHART

HOLE NO.	SURV. STATION	OFFSET	GROUND ELEV.	ELEV. TLOB
B1	12+92	22.0LT		
B2	12+68	22.0RT		
B3	13+58	22.0LT		
B4	13+32	22.0RT		

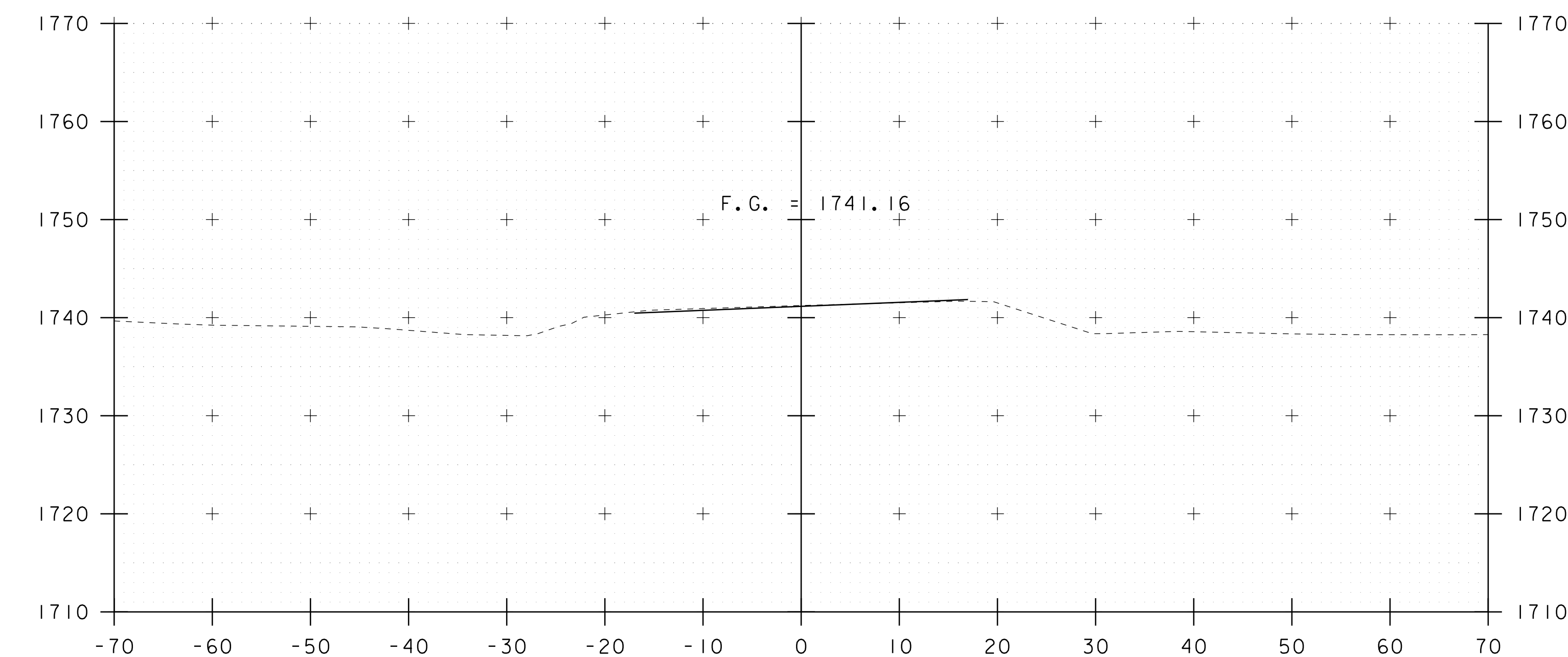
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PROJECT NUMBER: BF 013-1(20)	
FILE NAME: i3b058/si3b058boring.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: L.J.STONE	CHECKED BY: L.J.STONE
BORING INFORMATION SHEET	SHEET 8 OF 18



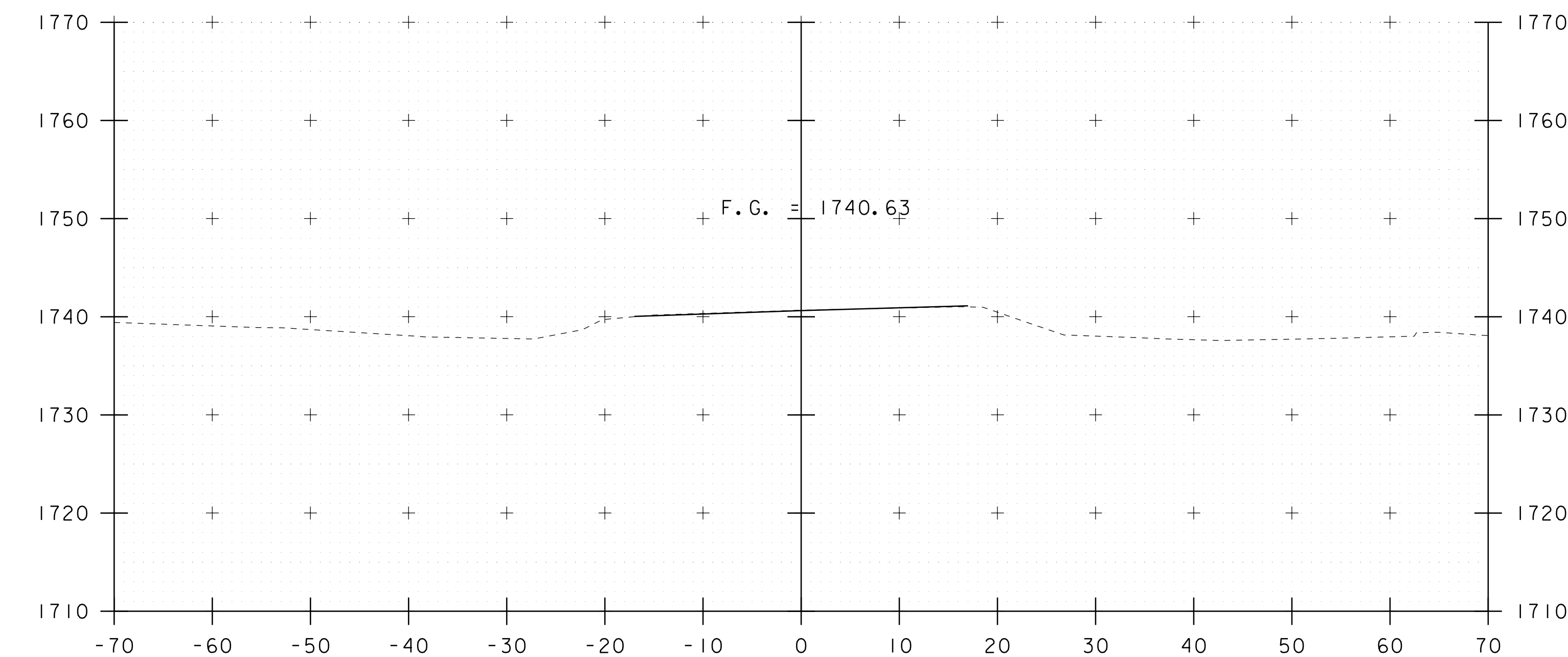
11+25



11+00



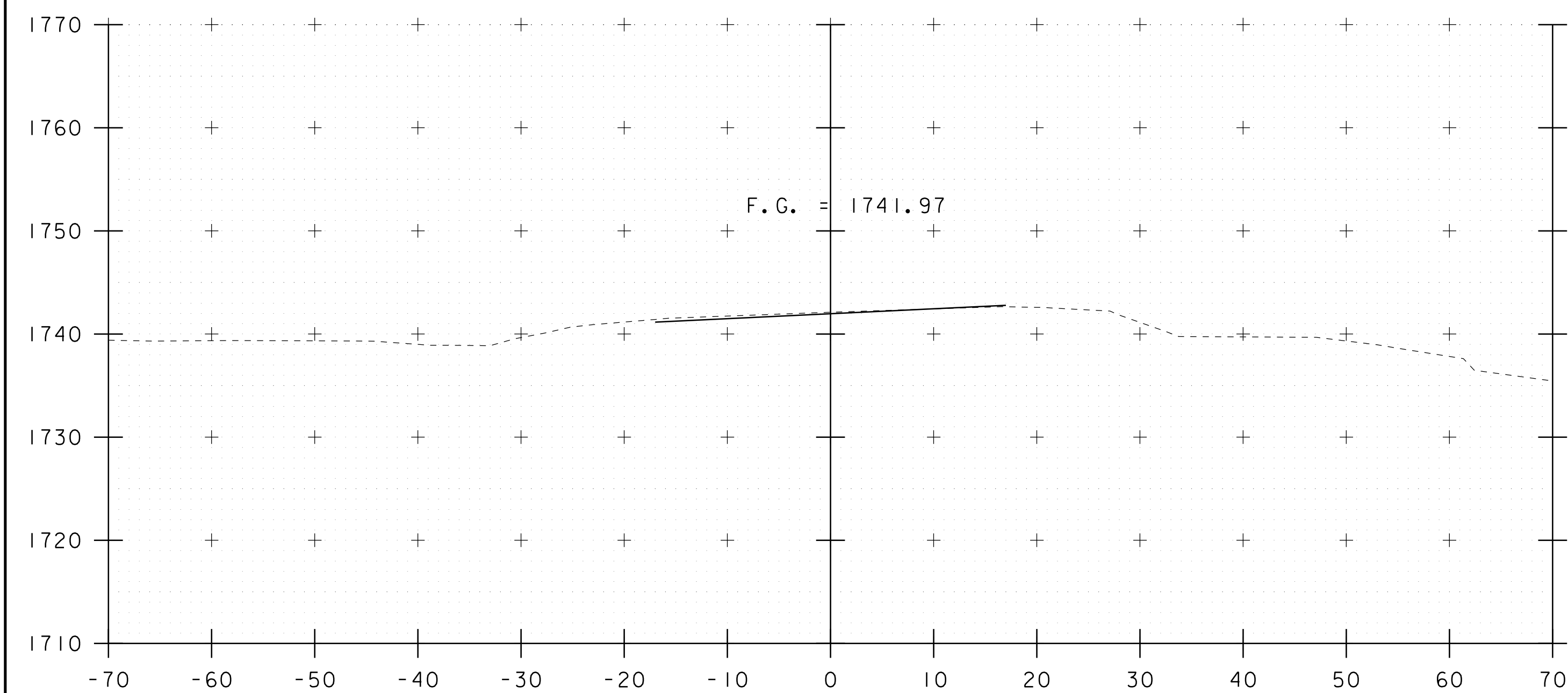
11+75



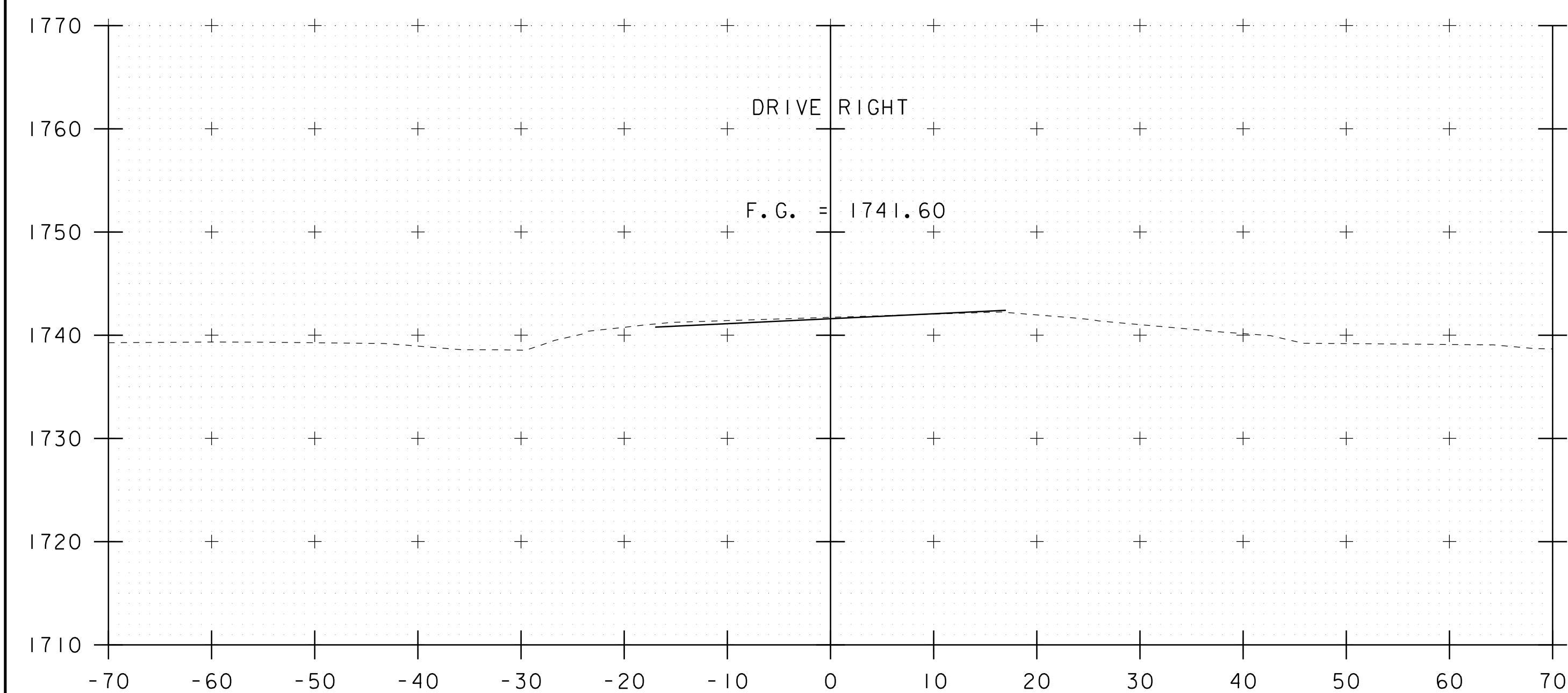
11+50

STA. 11+00 TO STA. 11+75

PROJECT NAME: DOVER	
PROJECT NUMBER: BF 013-1(20)	
FILE NAME: i3b058/si3b058xs.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: -----	CHECKED BY: -----
MAINLINE CROSS SECTION 1	SHEET 9 OF 18

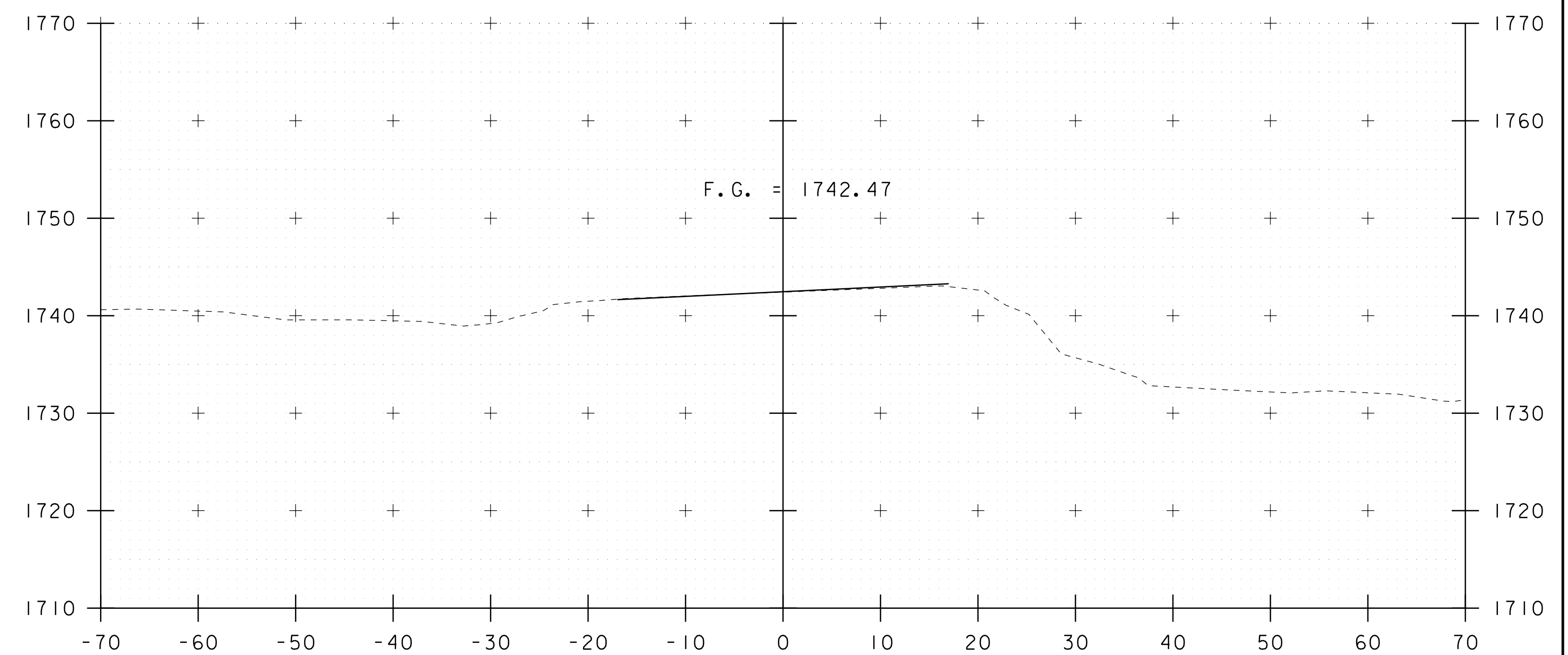


12+25



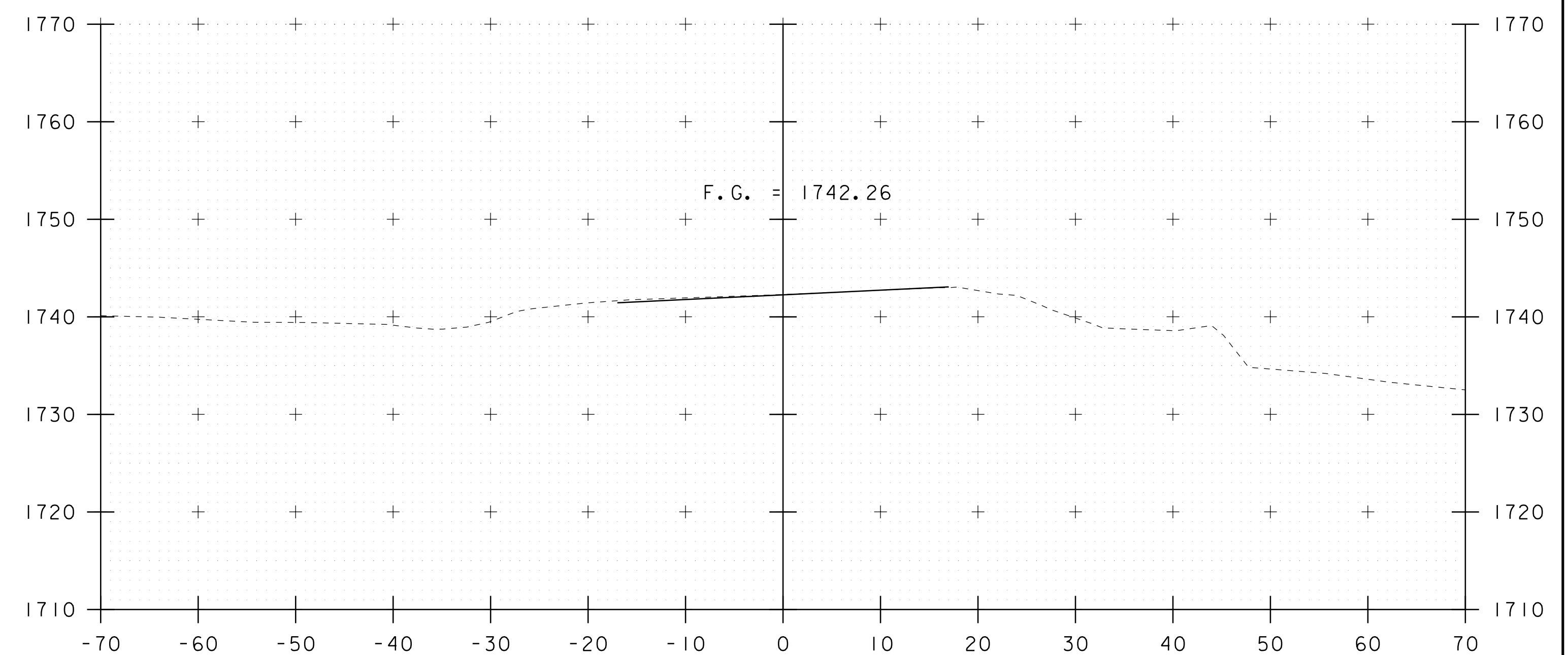
BEGIN PROJECT
STA 12+00.00

12+00



CL BEARING ABUTMENT #1
STA 12+80.00

12+75

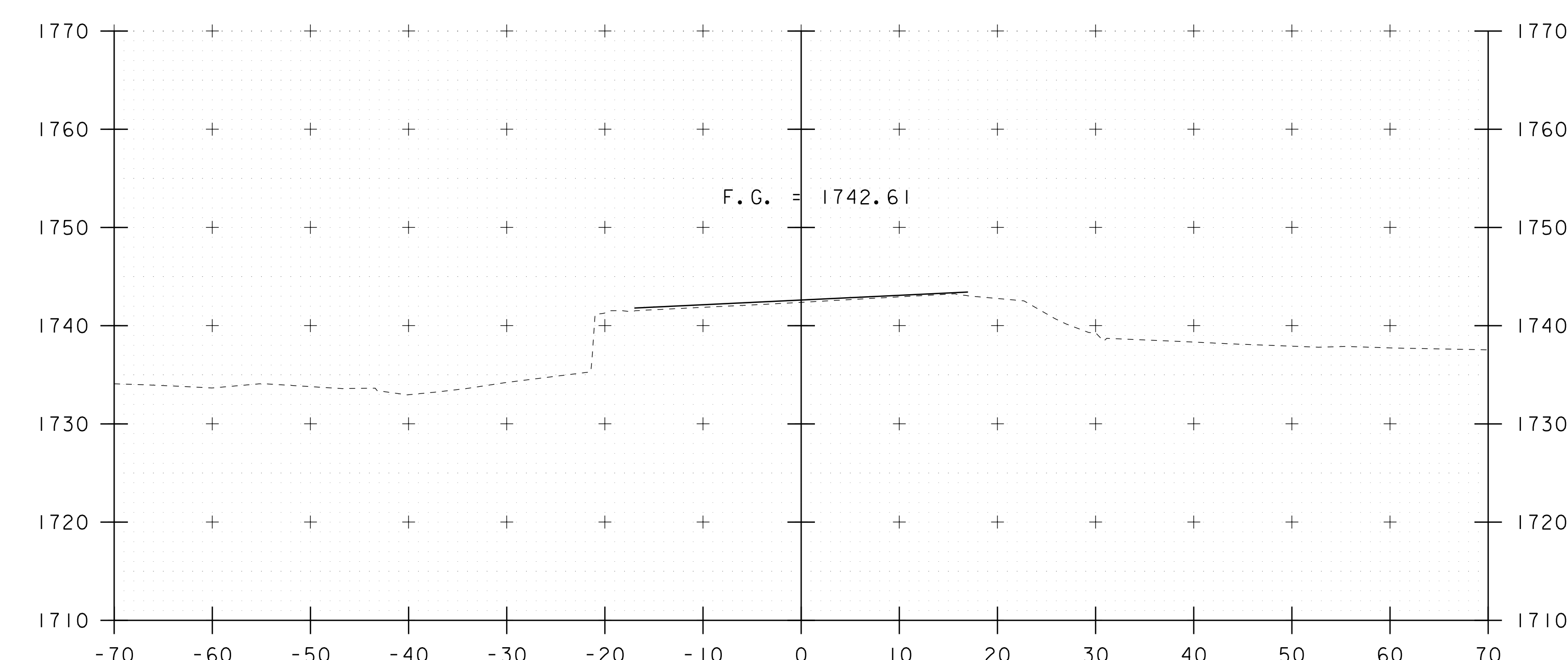
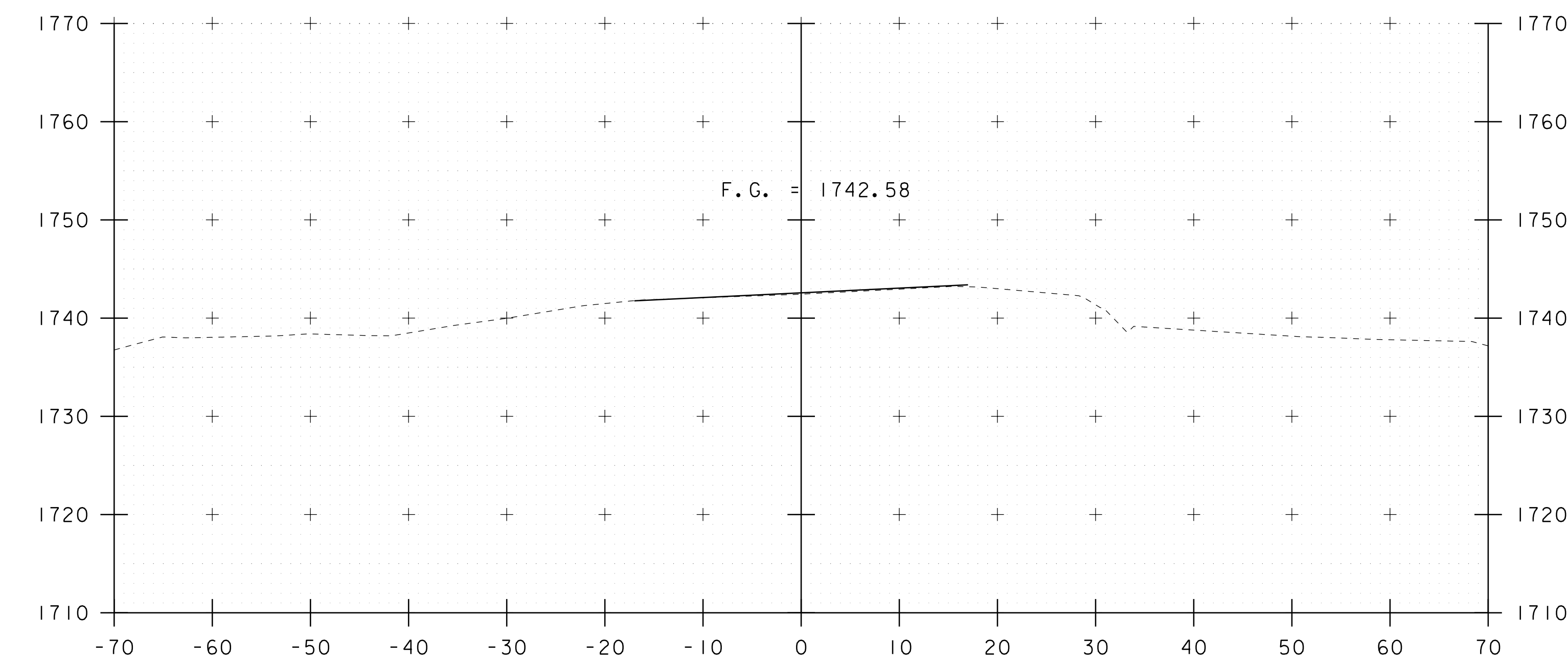
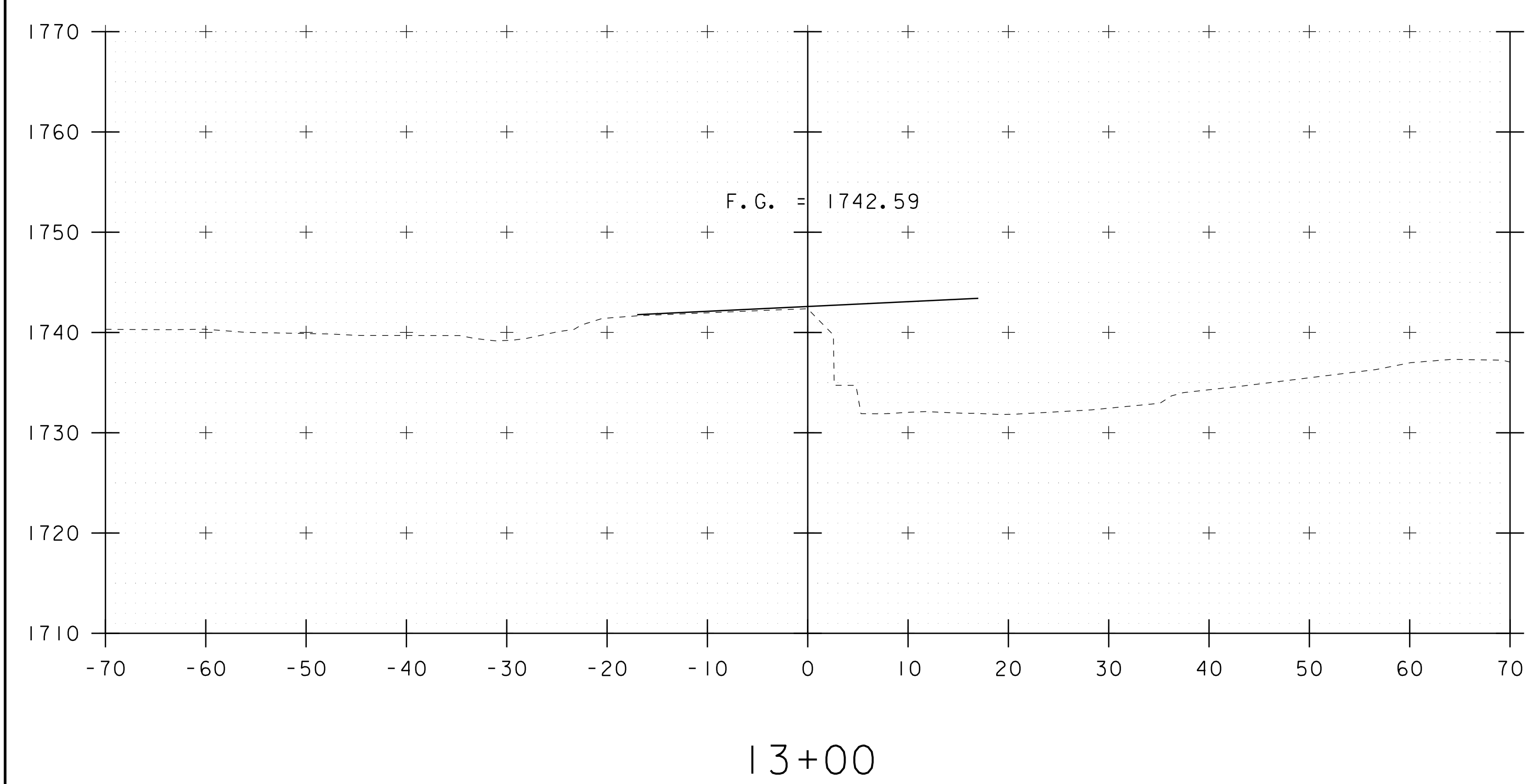
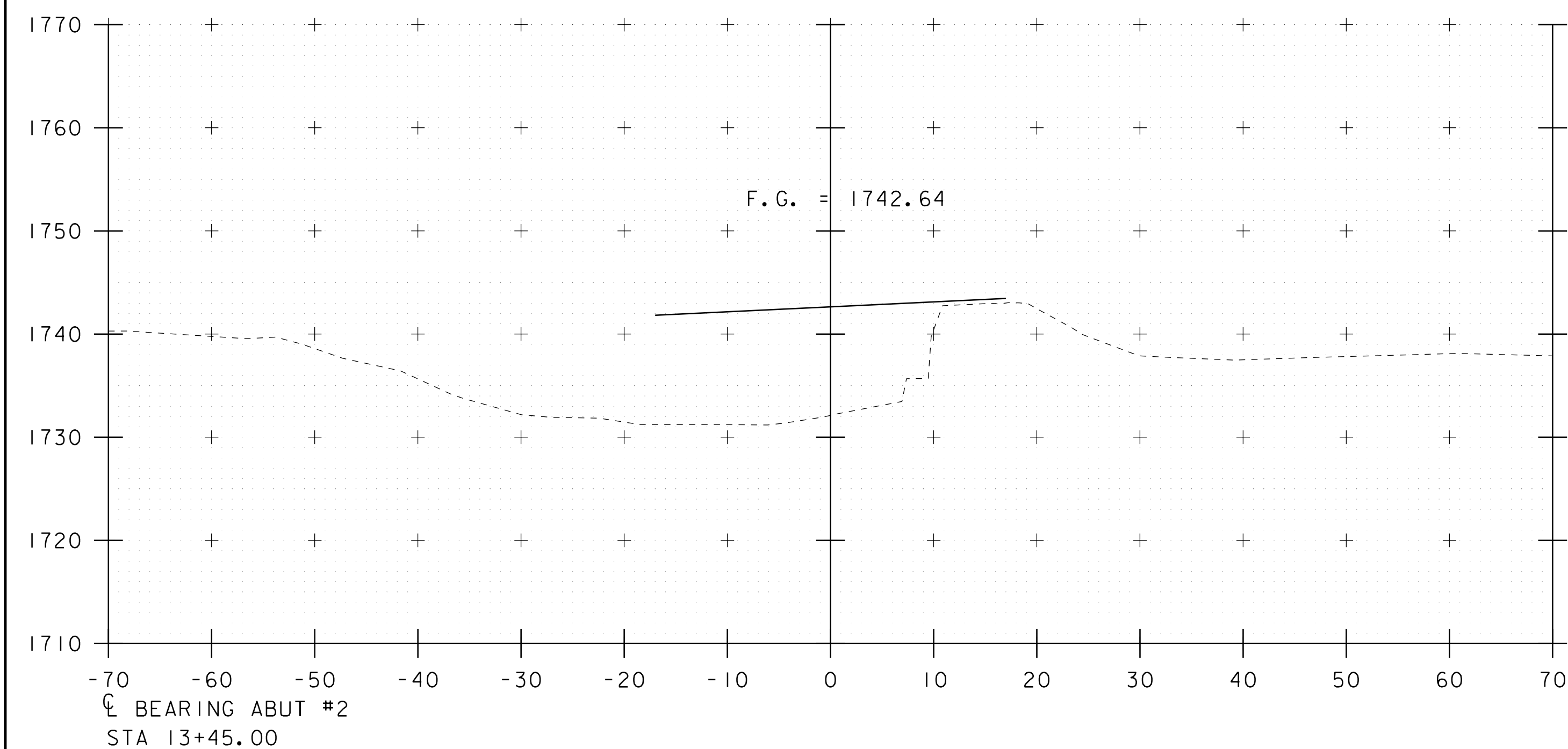


12+50

STA. 12+00 TO STA. 12+75

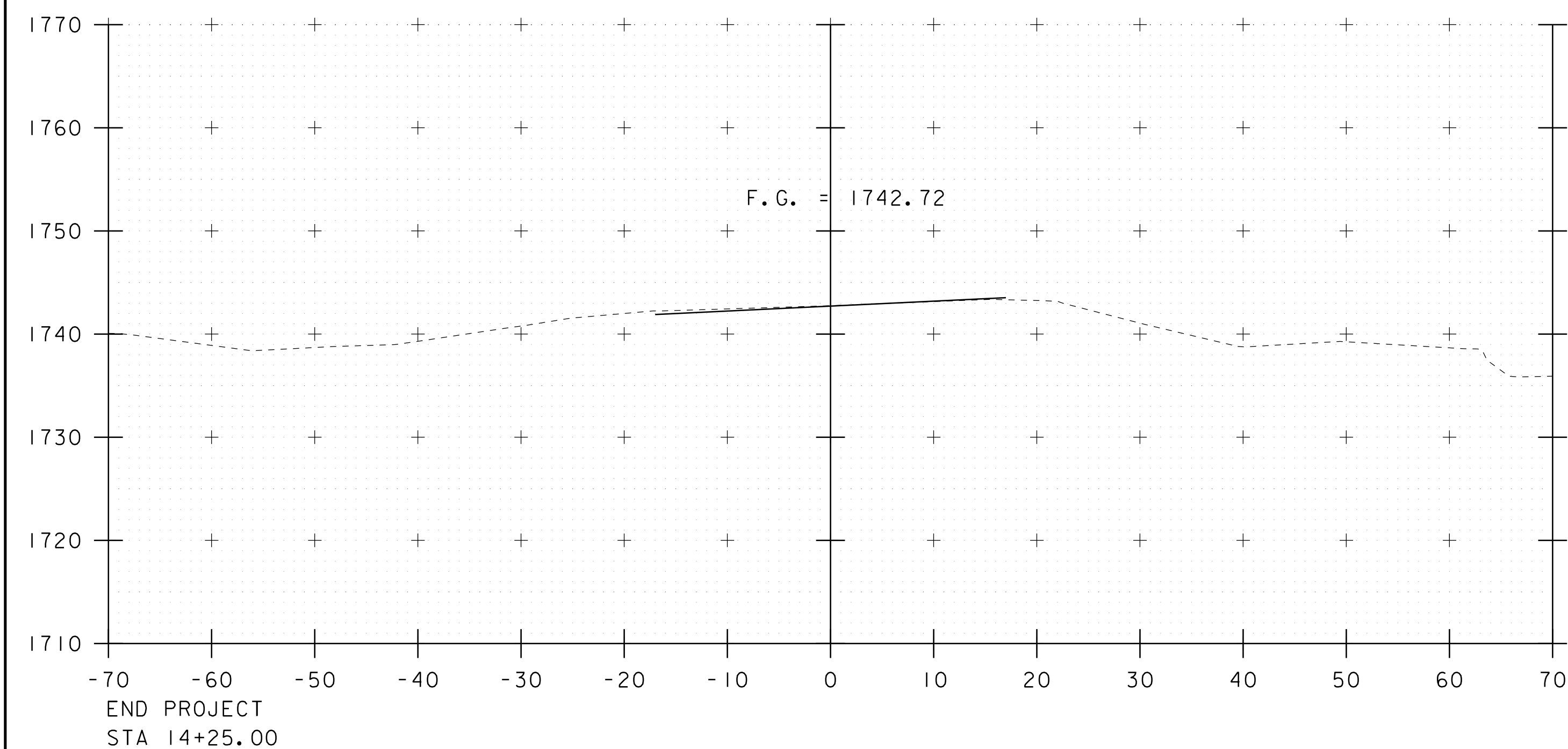
PROJECT NAME: DOVER
PROJECT NUMBER: BF 013-1(20)
FILE NAME: I3b058/sI3b058xs.dgn
PROJECT LEADER: C.P.WILLIAMS
DESIGNED BY: -----
MAINLINE CROSS SECTION 2

PLOT DATE: 05-JUN-2014
DRAWN BY: D.D.BEARD
CHECKED BY: -----
SHEET 10 OF 18

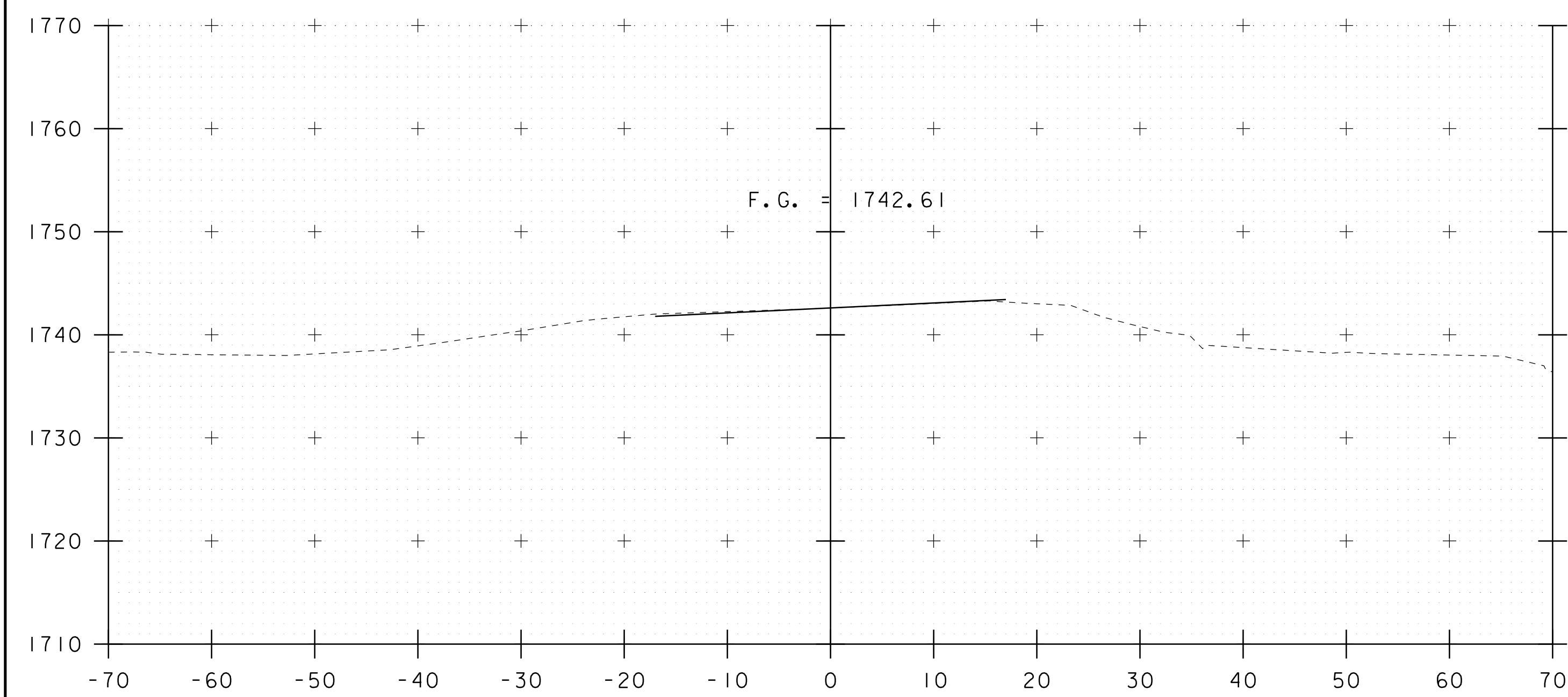


STA. 13+00 TO STA. 13+75

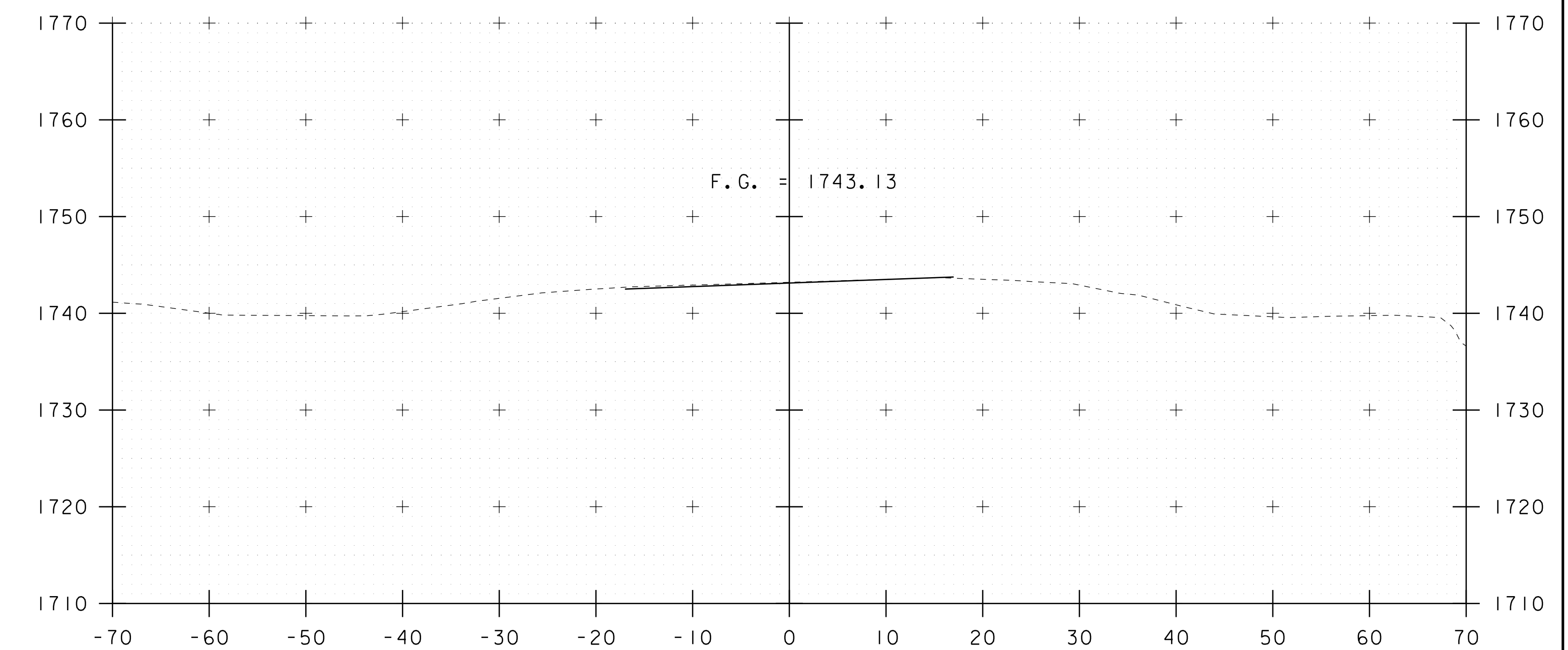
PROJECT NAME: DOVER	
PROJECT NUMBER: BF 013-1(20)	
FILE NAME: I3b058/sI3b058xs.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: -----	CHECKED BY: -----
MAINLINE CROSS SECTION 3	SHEET 11 OF 18



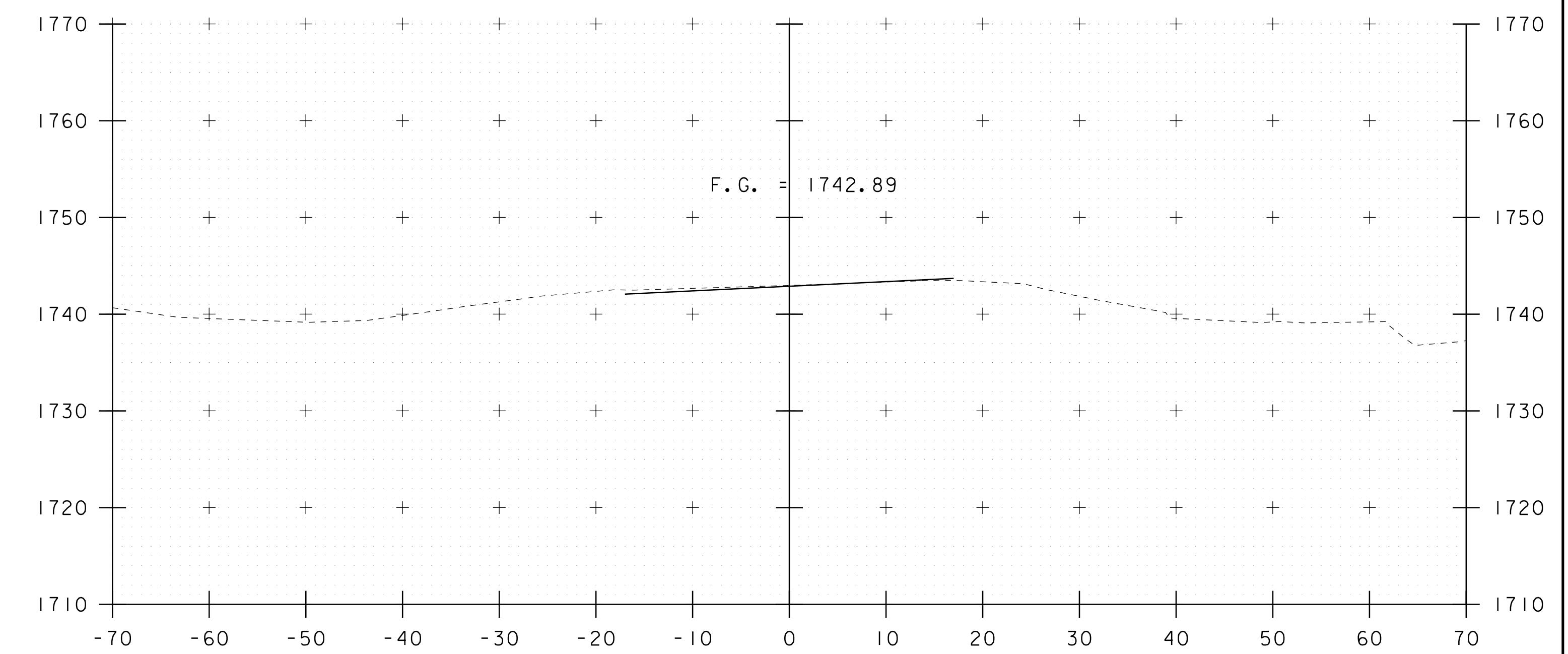
14+25



14+00



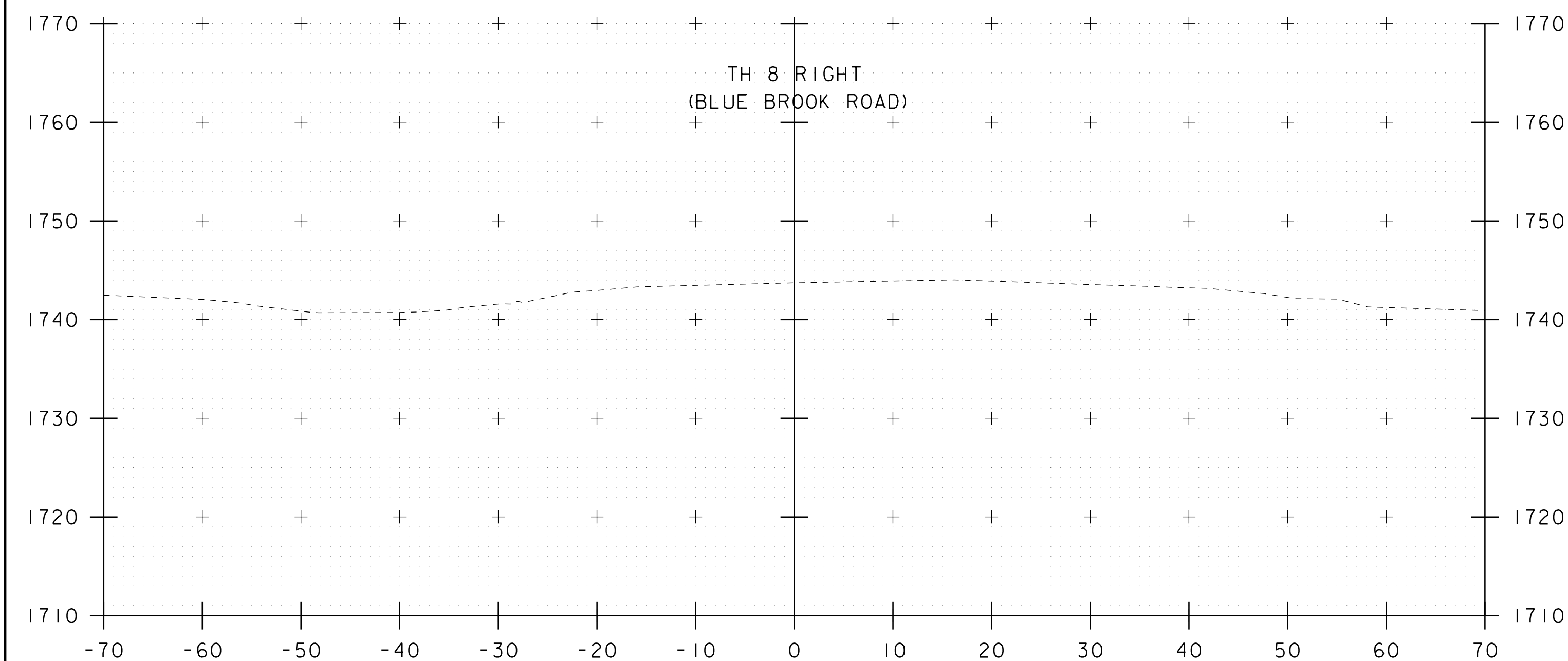
14+75



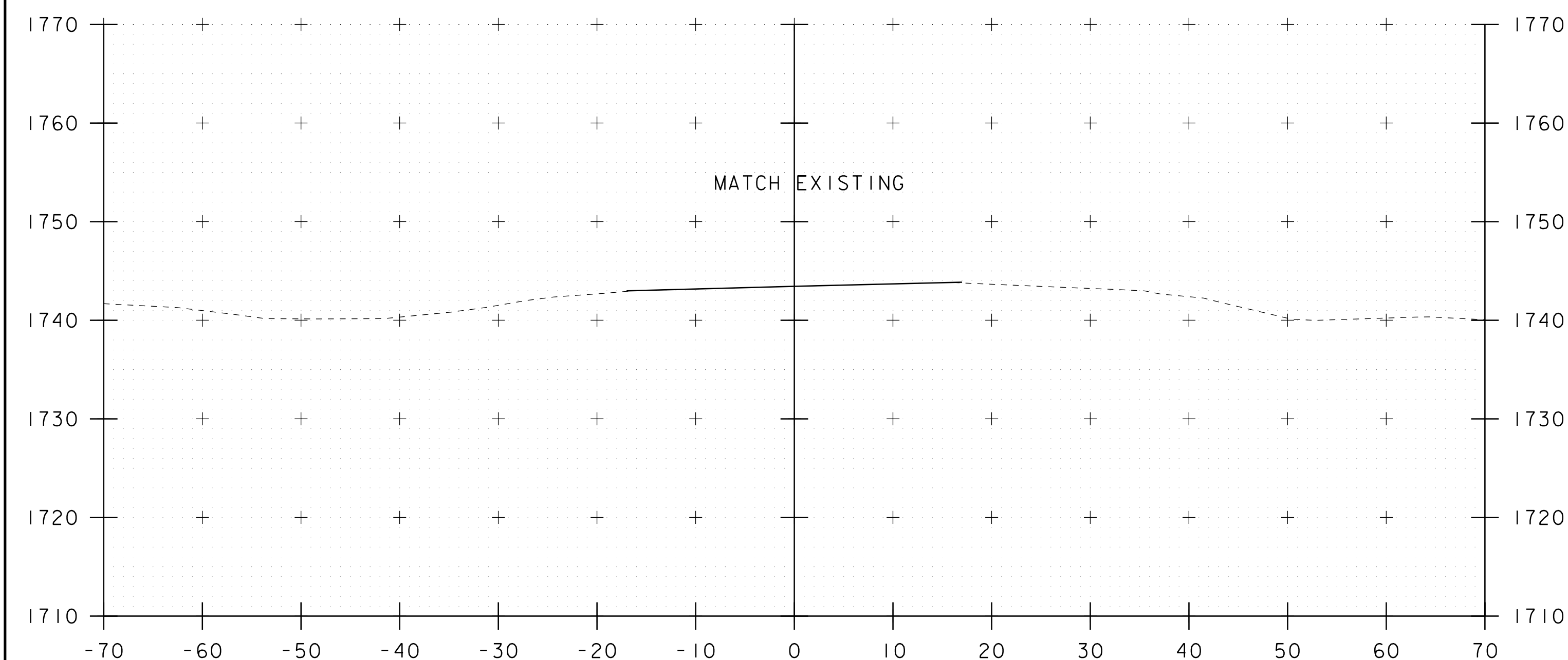
14+50

STA. 14+00 TO STA. 14+75

PROJECT NAME: DOVER	
PROJECT NUMBER: BF 013-1(20)	
FILE NAME: I3b058/sI3b058xs.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: -----	CHECKED BY: -----
MAINLINE CROSS SECTION 4	SHEET 12 OF 18



15+25



END APPROACH
STA 15+00.00

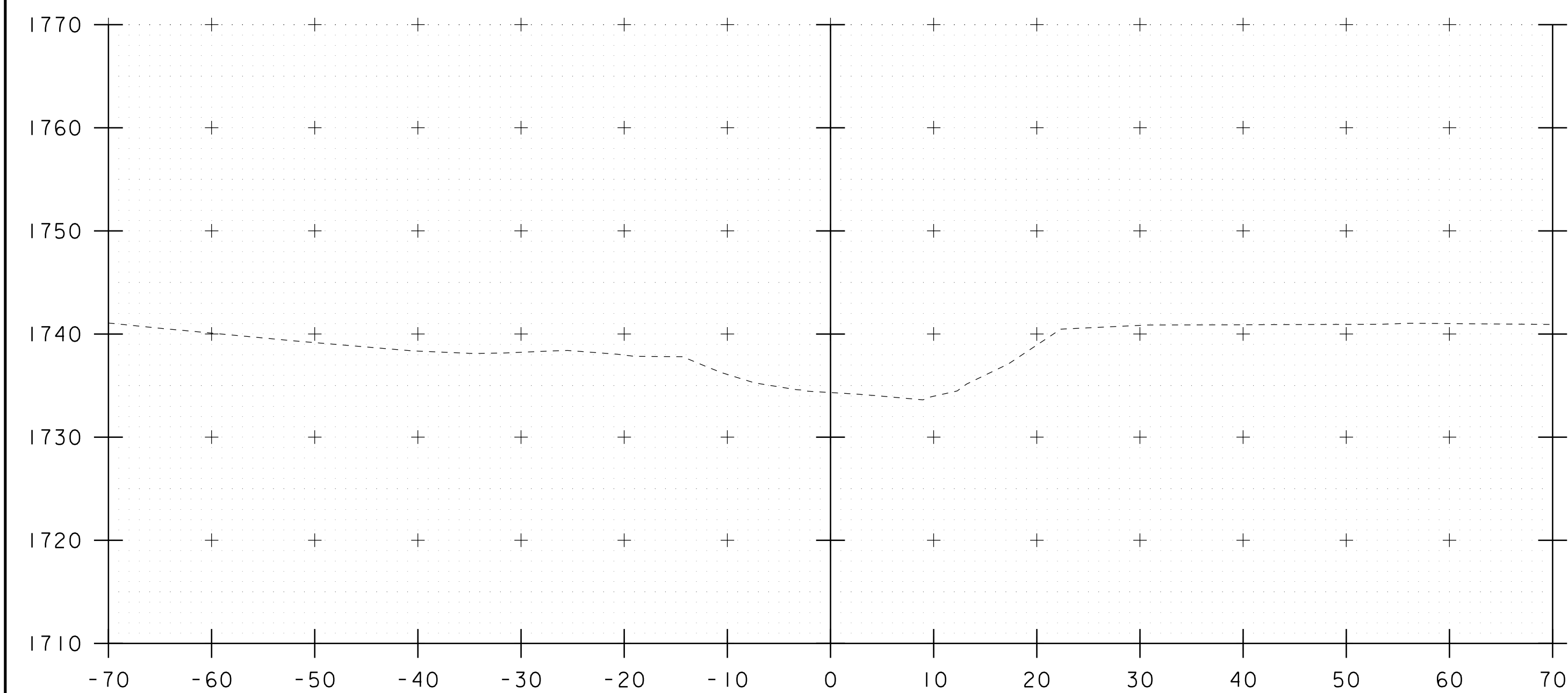
15+00

STA. 15+00 TO STA. 15+25

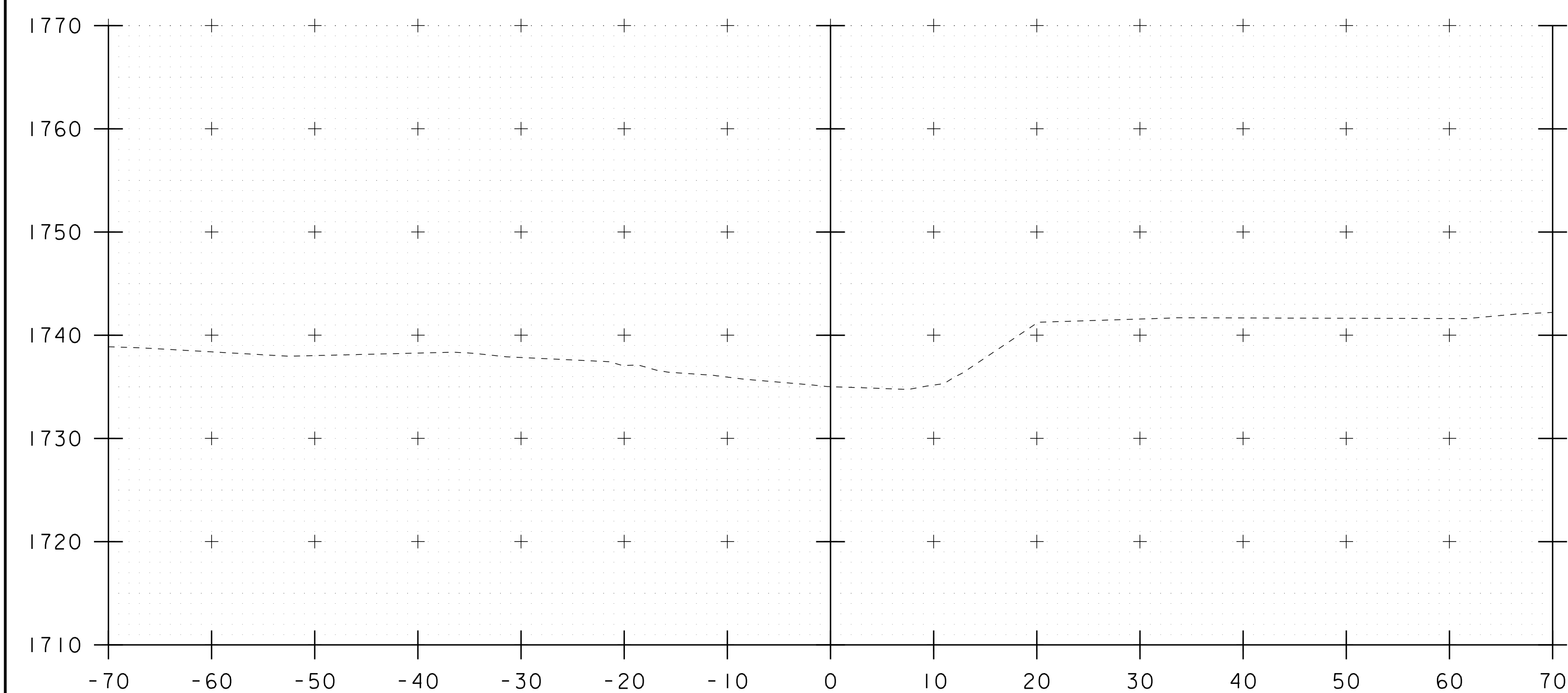
PROJECT NAME: DOVER
PROJECT NUMBER: BF 013-1(20)

FILE NAME: I3b058/sI3b058xs.dgn
PROJECT LEADER: C.P.WILLIAMS
DESIGNED BY: -----
MAINLINE CROSS SECTION 5

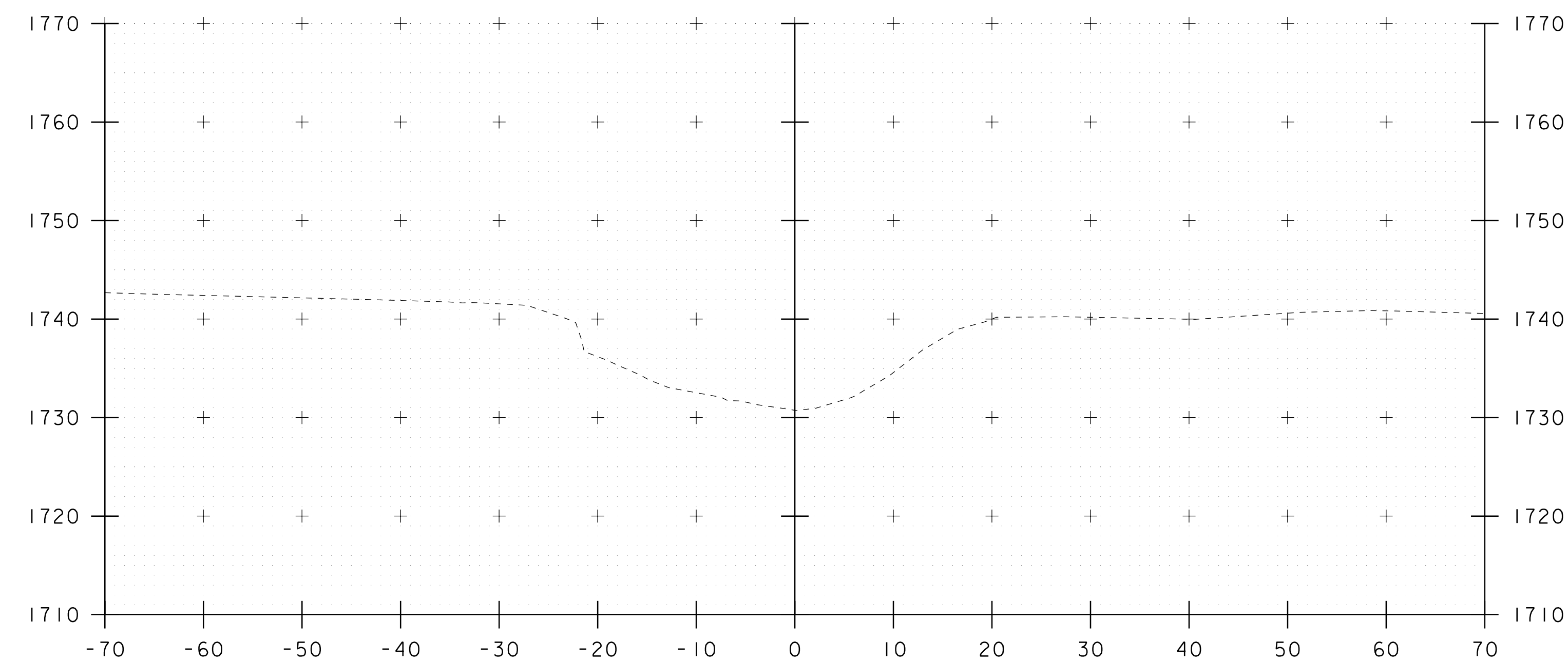
PLOT DATE: 05-JUN-2014
DRAWN BY: D.D.BEARD
CHECKED BY: -----
SHEET 13 OF 18



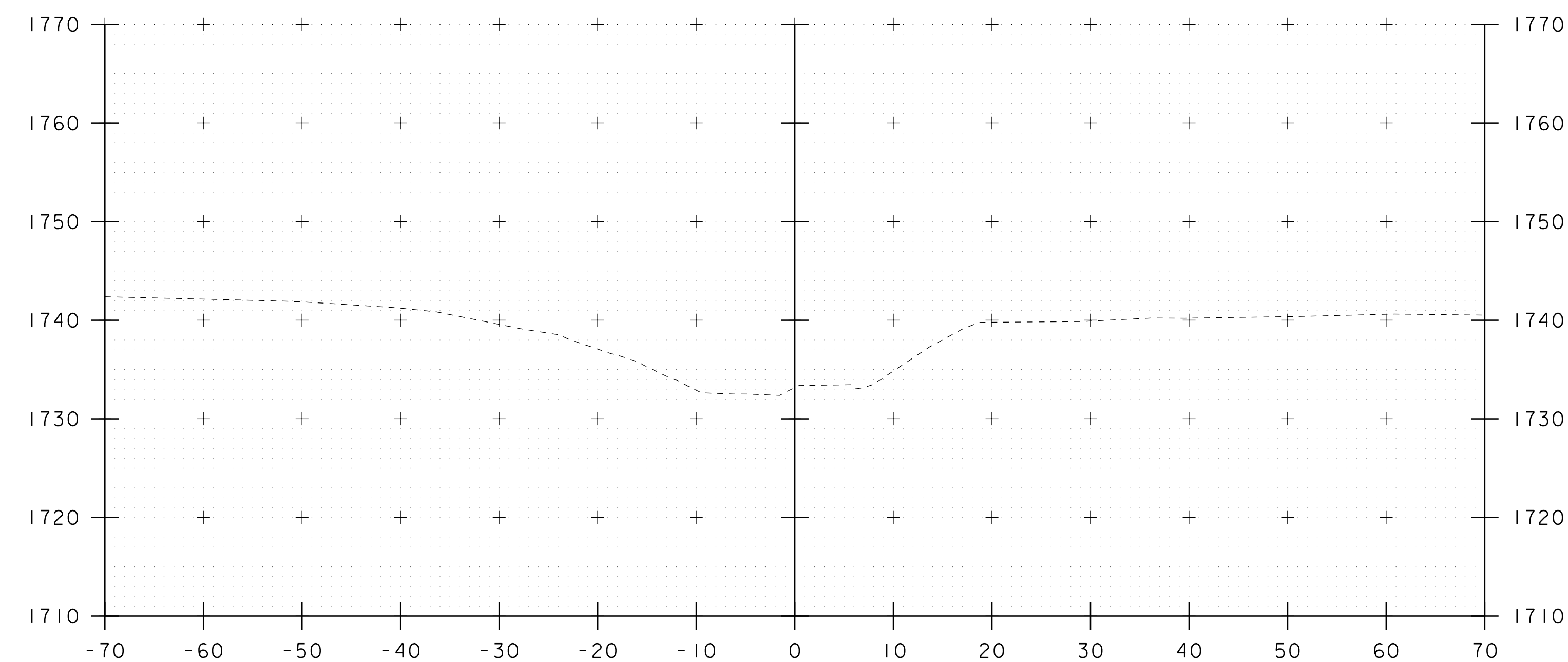
50+25



50+00



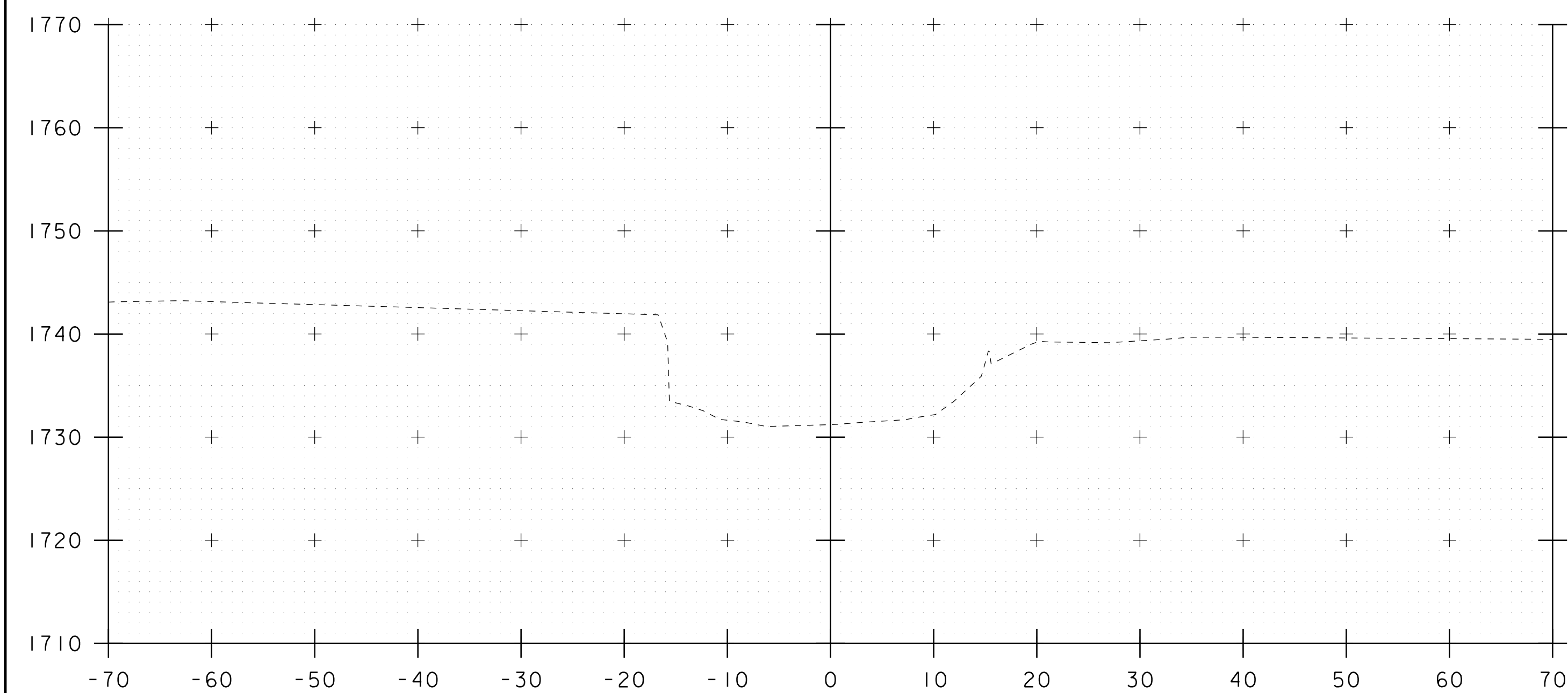
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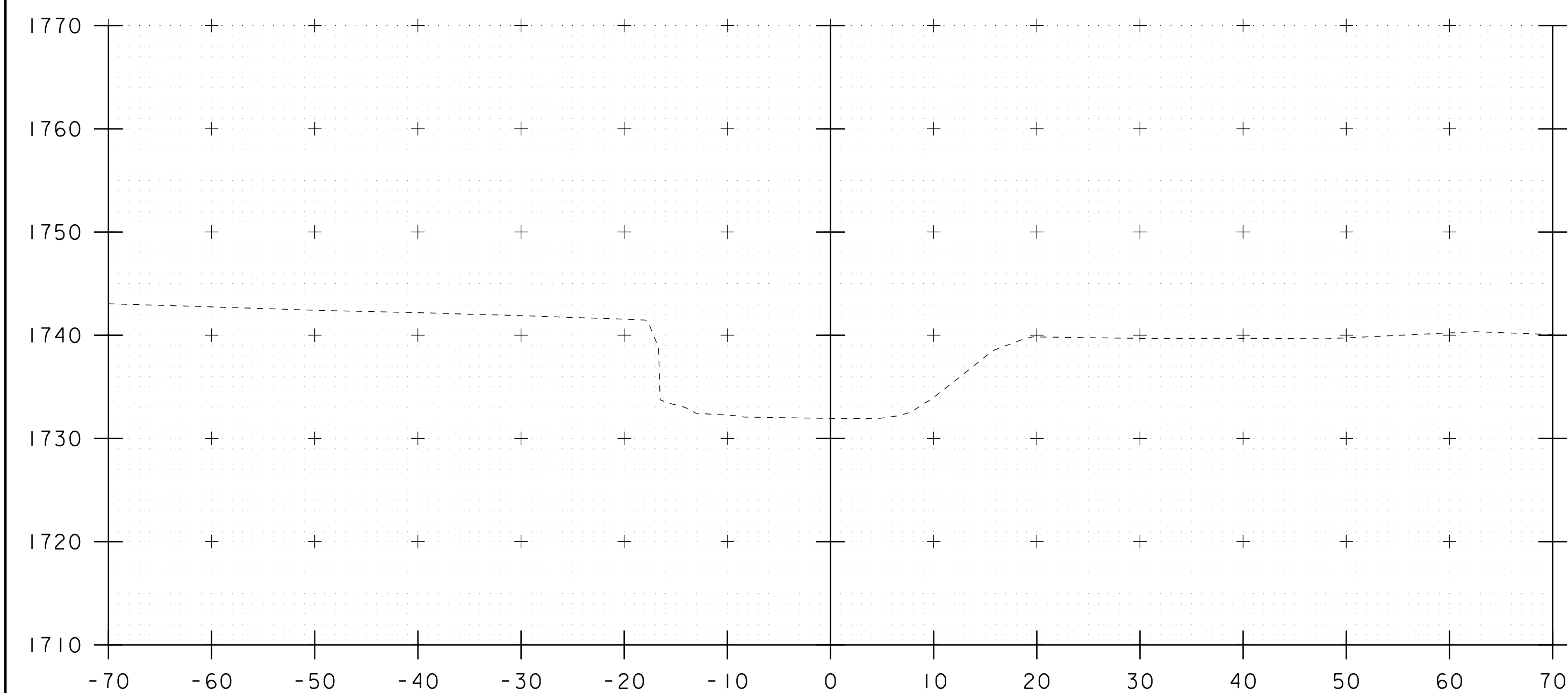
50+50

STA. 50+00 TO STA. 50+75

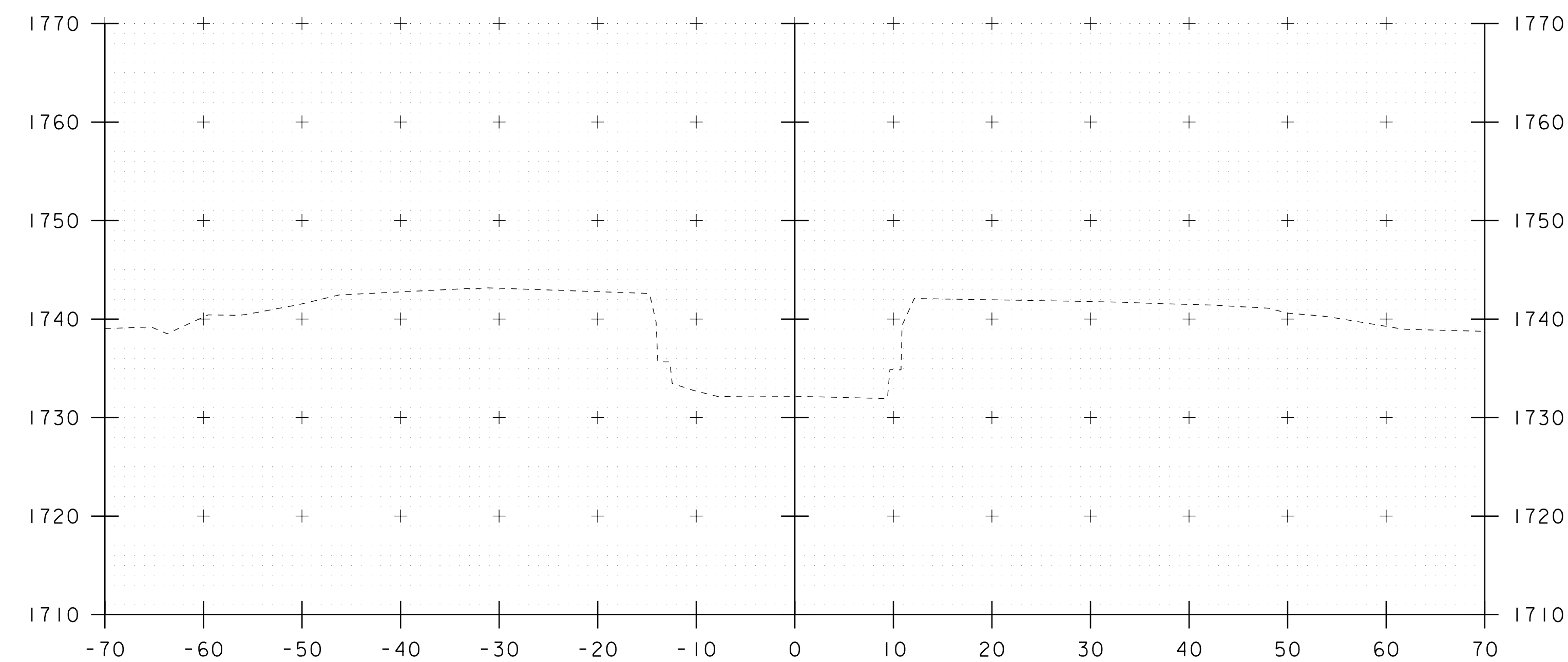
PROJECT NAME: DOVER	
PROJECT NUMBER: BF 013-1(20)	
FILE NAME: I3b058/sI3b058xs.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: -----	CHECKED BY: -----
CHANNEL CROSS SECTION I	SHEET 14 OF 18



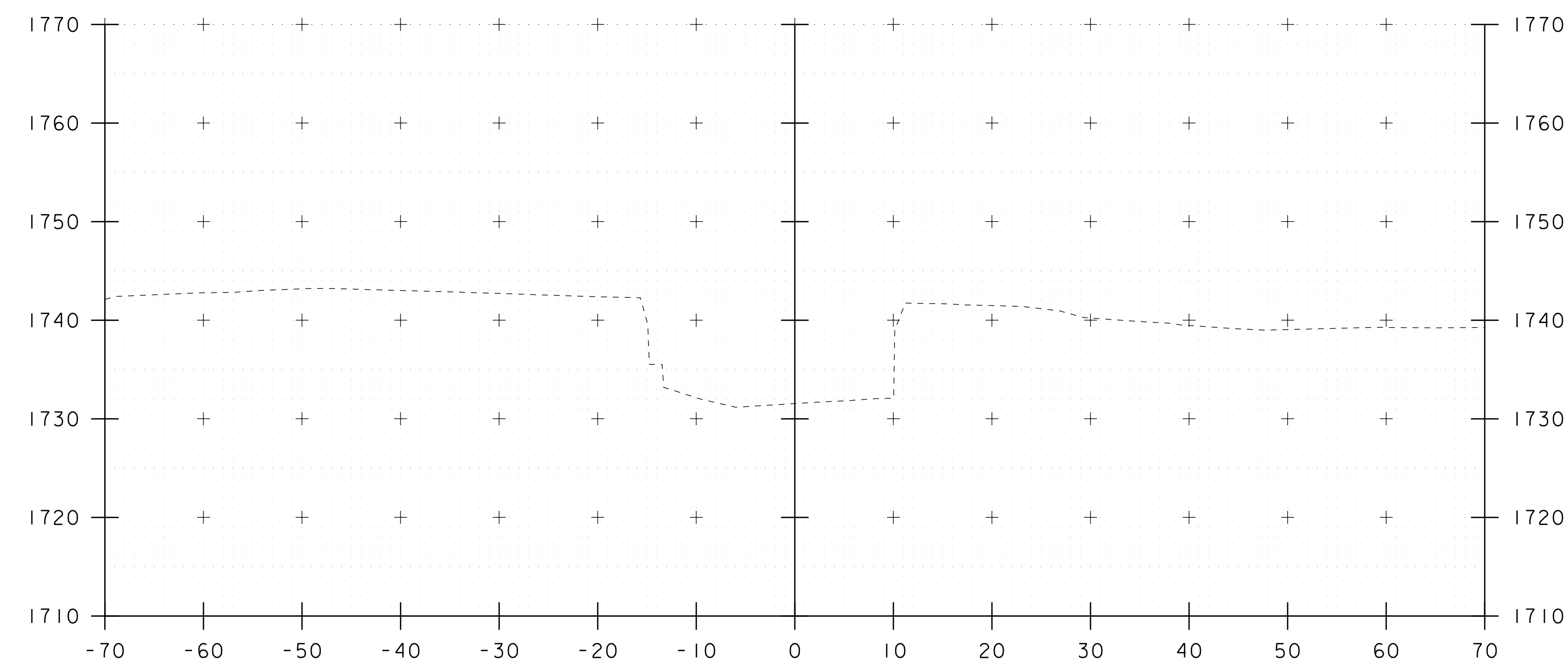
50+80



50+70



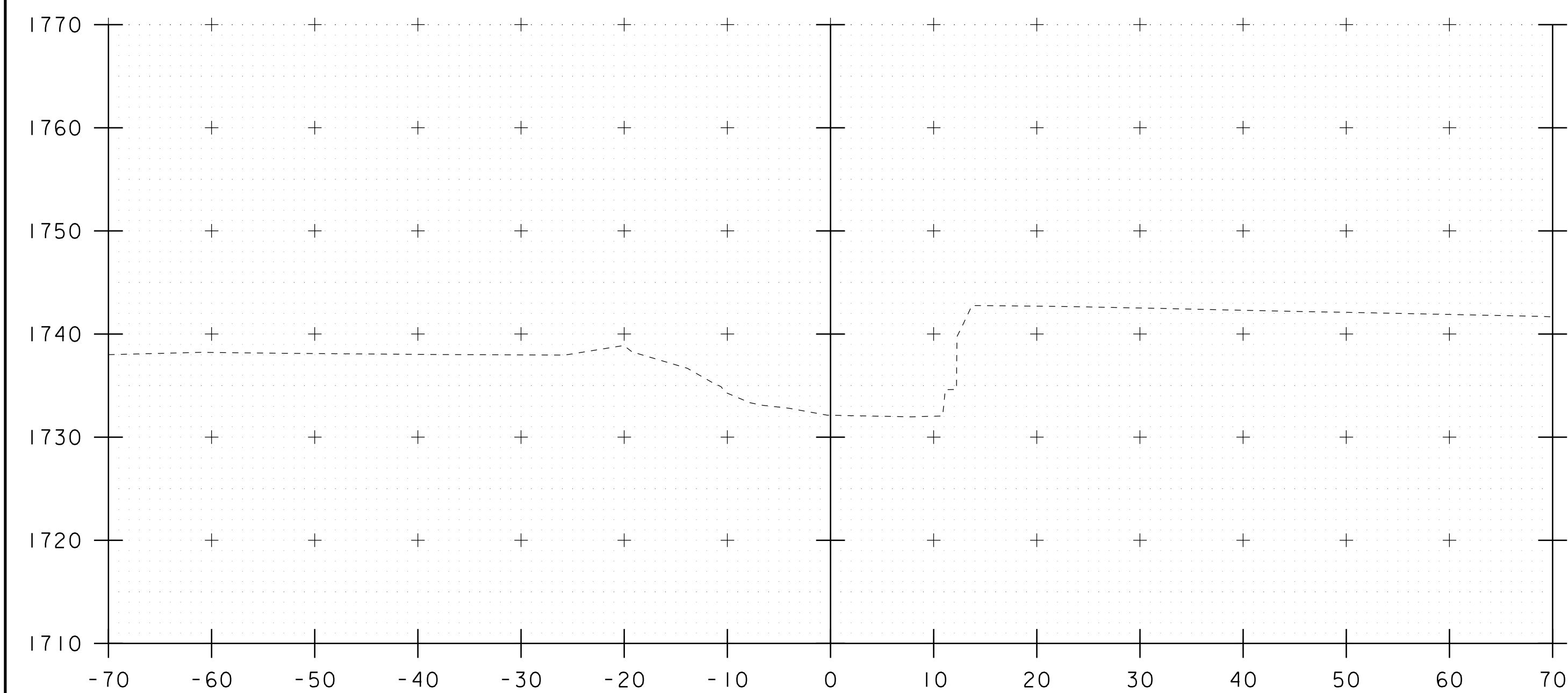
51+00



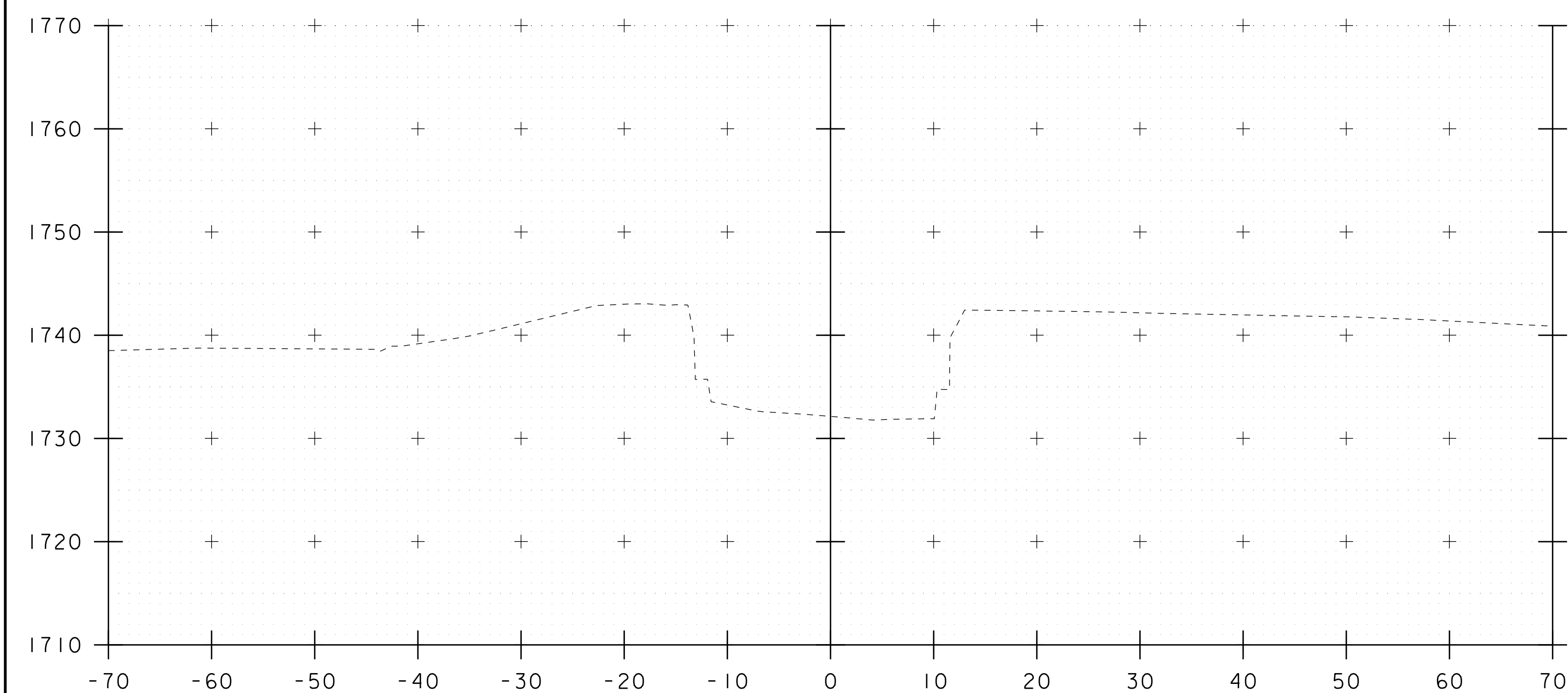
50+90

STA. 50+70 TO STA. 51+00

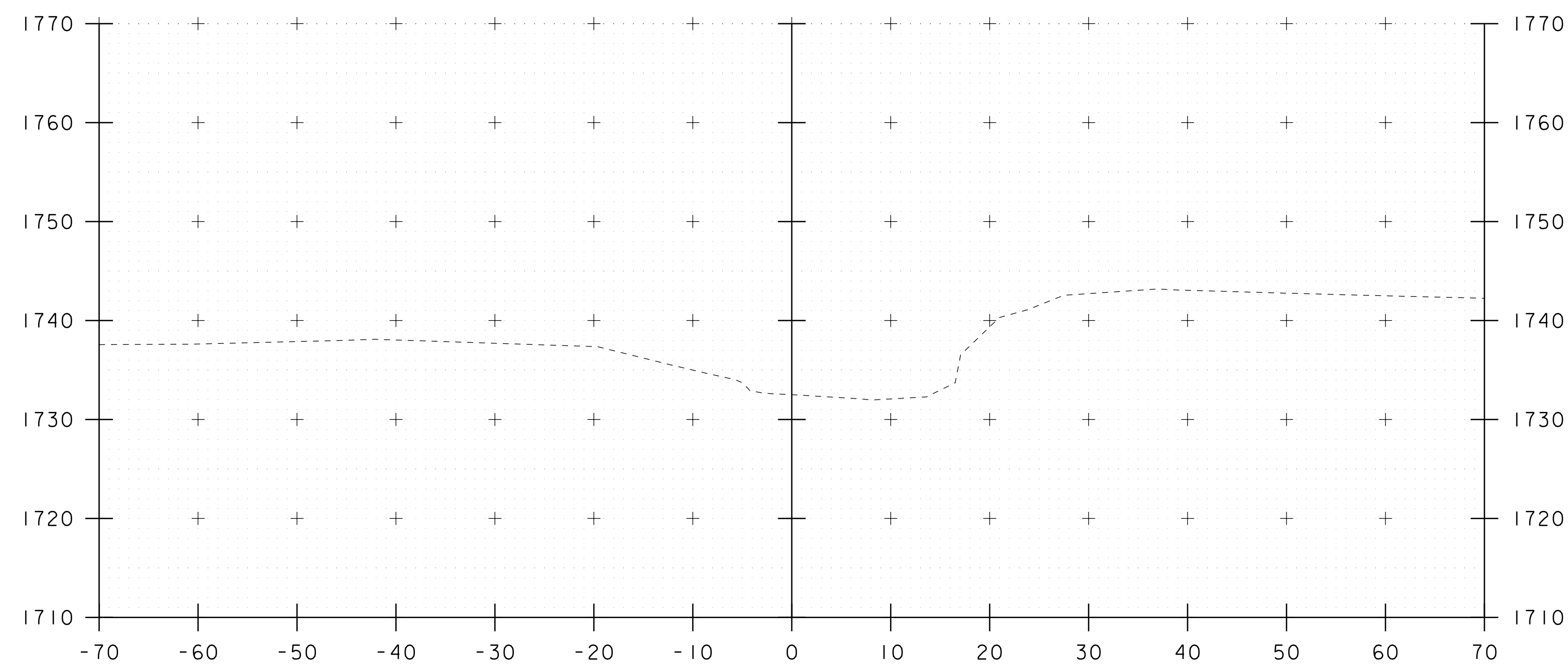
PROJECT NAME: DOVER	
PROJECT NUMBER: BF 013-I(20)	
FILE NAME: i3b058/si3b058xs.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: -----	CHECKED BY: -----
CHANNEL CROSS SECTION 2	SHEET 15 OF 18



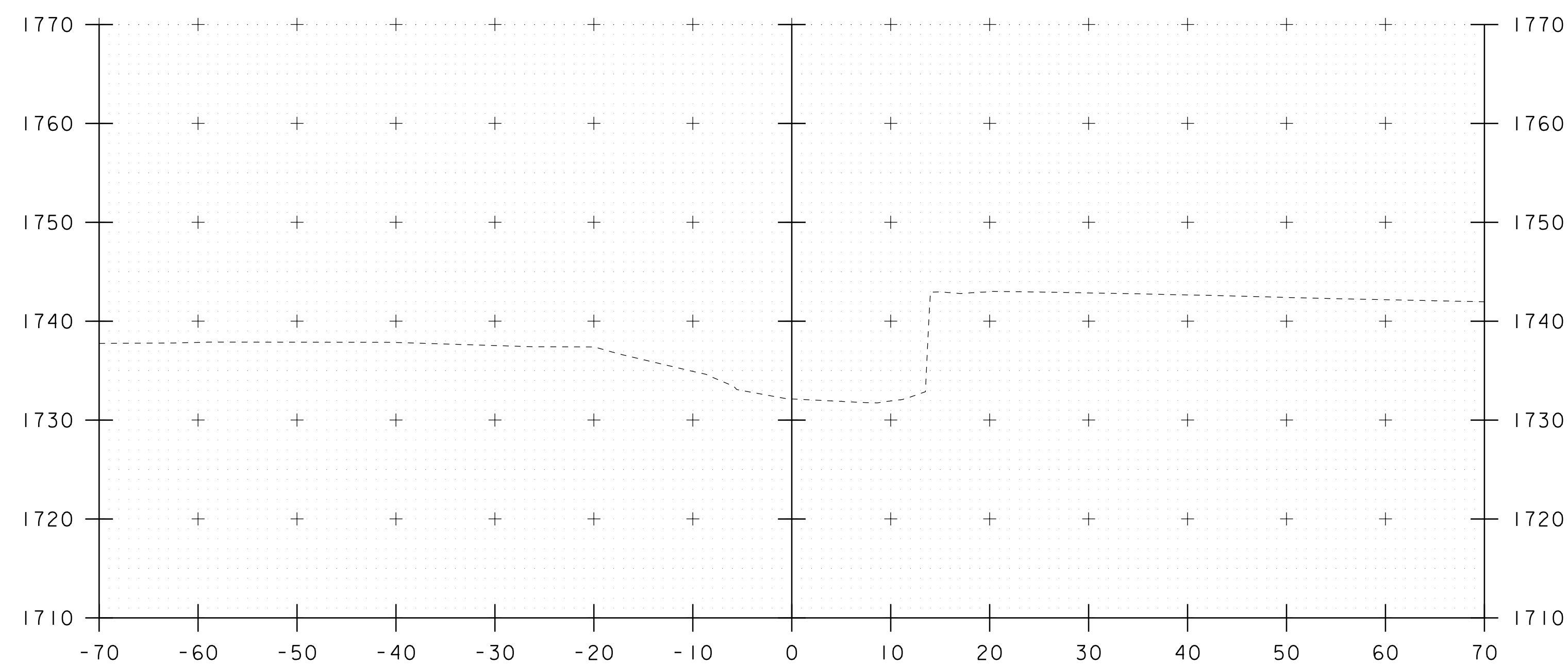
51+20



51+10



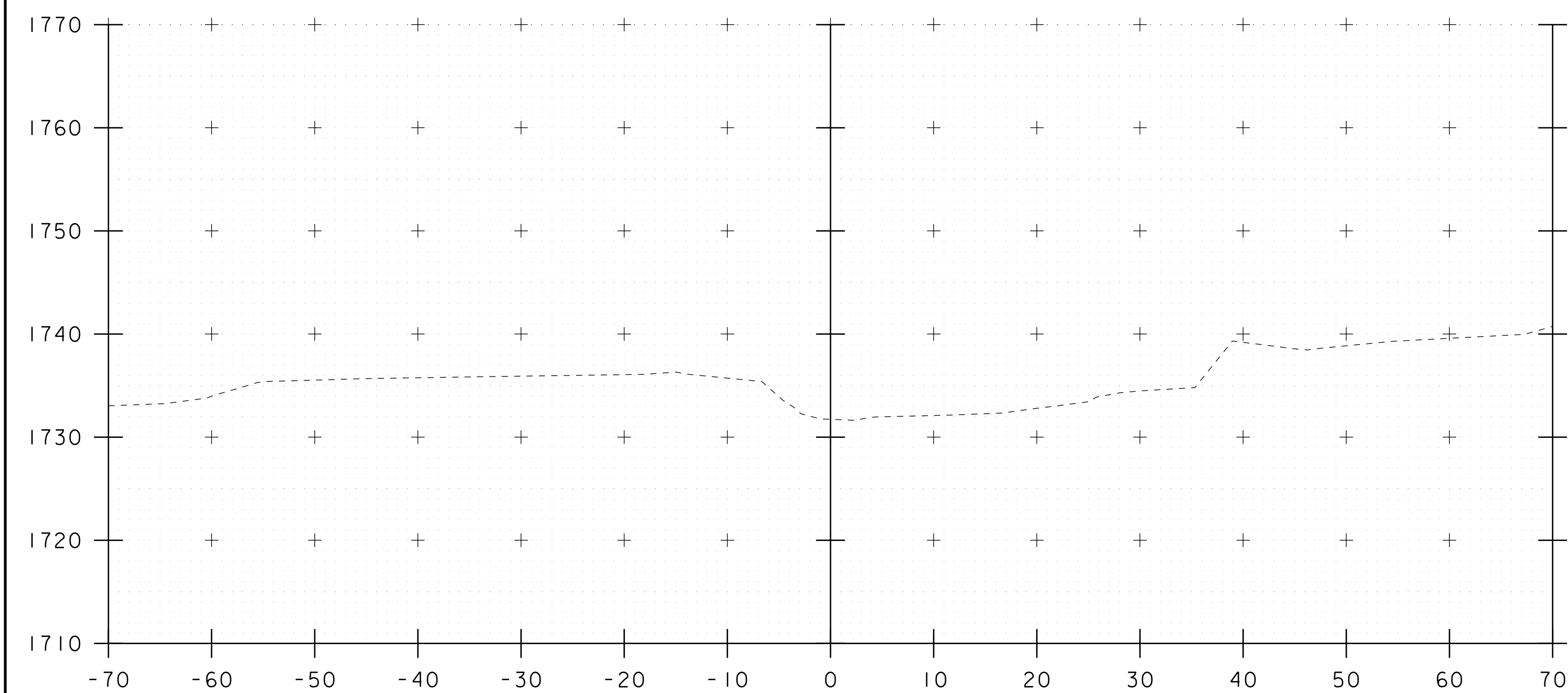
51+40



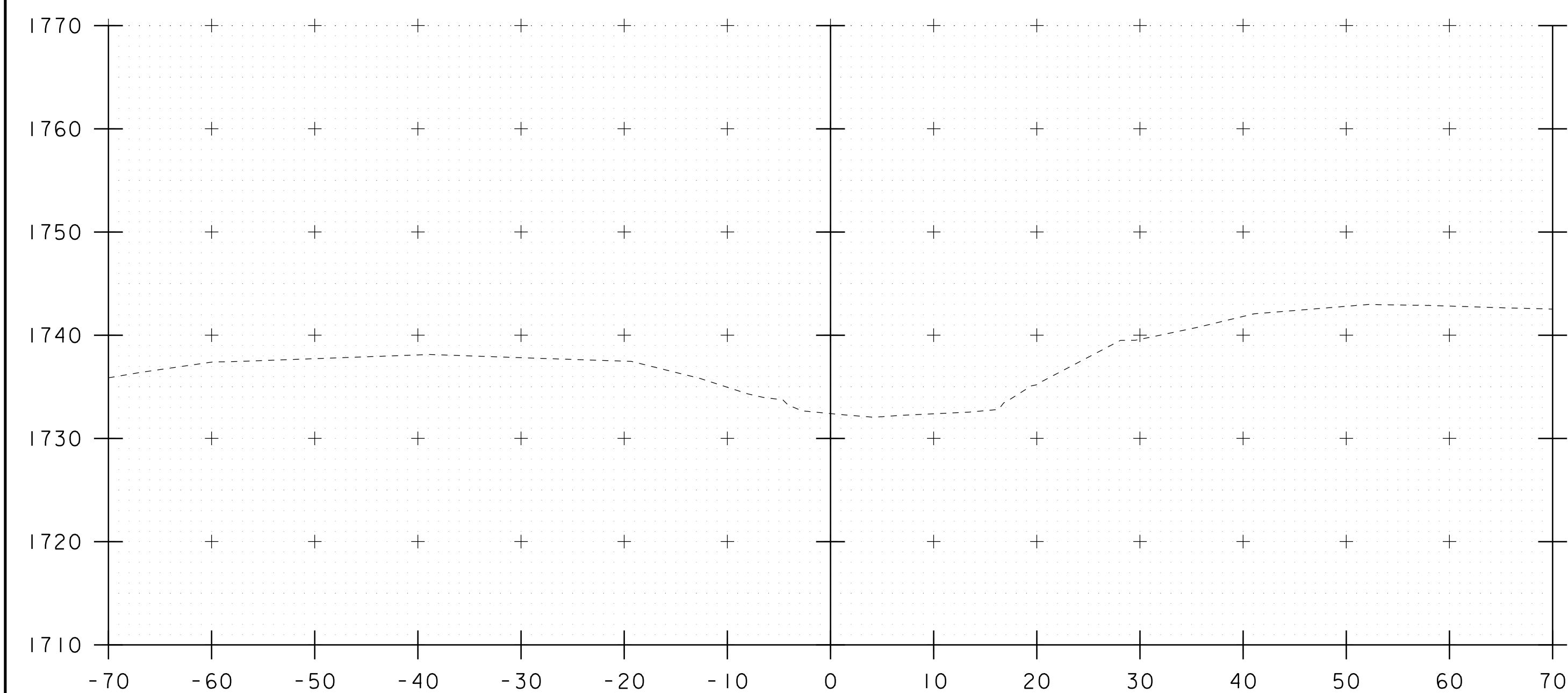
51+30

STA. 51+10 TO STA. 51+40

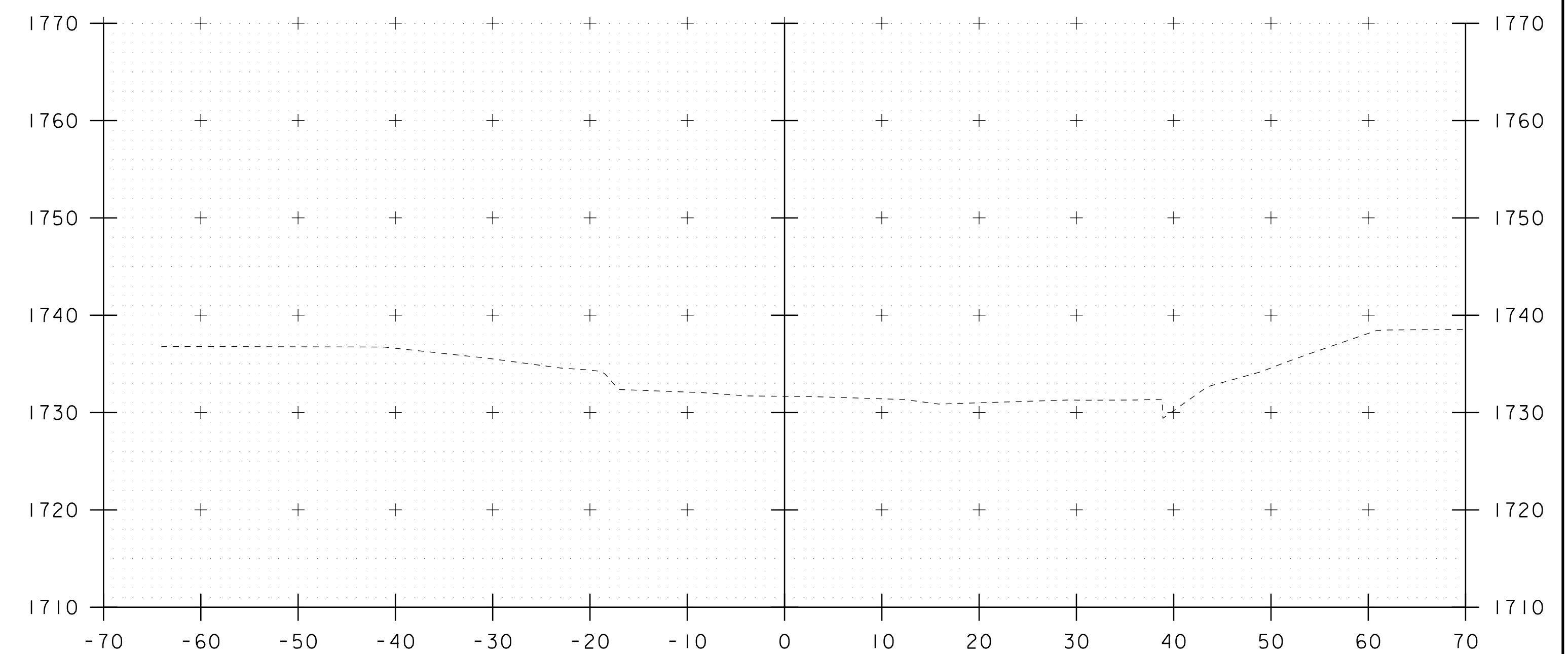
PROJECT NAME: DOVER	
PROJECT NUMBER: BF 013-1(20)	
FILE NAME: i3b058/si3b058xs.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: -----	CHECKED BY: -----
CHANNEL CROSS SECTION 3	SHEET 16 OF 18



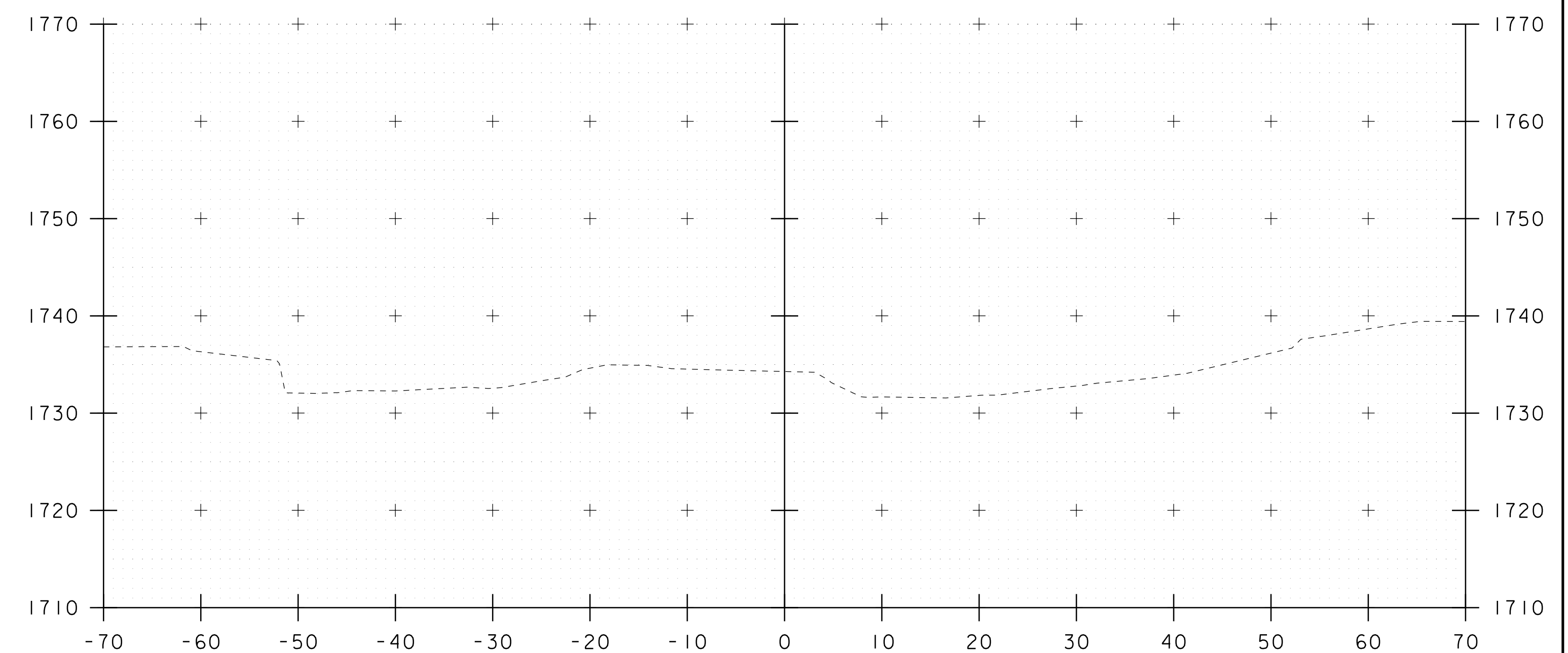
51+75



51+50



52+25



52+00

STA. 51+50 TO STA. 52+25

PROJECT NAME: DOVER	
PROJECT NUMBER: BF 013-1(20)	
FILE NAME: i3b058/si3b058xs.dgn	PLOT DATE: 05-JUN-2014
PROJECT LEADER: C.P.WILLIAMS	DRAWN BY: D.D.BEARD
DESIGNED BY: -----	CHECKED BY: -----
CHANNEL CROSS SECTION 4	SHEET 17 OF 18

