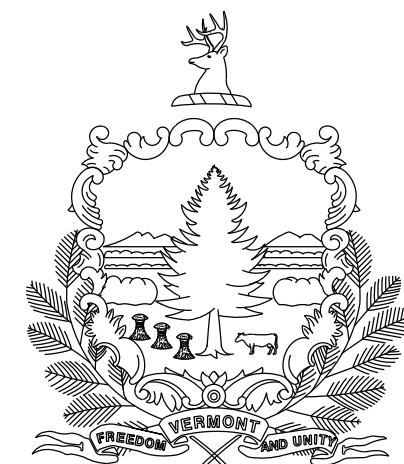


REVIEWER NOTES:

1. TRAFFIC WILL BE MAINTAINED USING A TEMPORARY BRIDGE NORTH OF EXISTING BRIDGE STRUCTURE. THE DESIGN SPEED FOR THE TEMPORARY ALIGNMENT IS 30 MPH.
2. IT IS ANTICIPATED THAT NO RIGHT OF WAY ACQUISITION WILL BE NEEDED.
3. IT IS ANTICIPATED THAT NO OVERHEAD UTILITY RELOCATION WILL BE NEEDED.
4. AN UNDERGROUND UTILITY LINE WILL BE TEMPORARILY RELOCTED TO THE TEMPORARY STRUCTURE AND PERMANENTLY RELOCATED TO THE REHABILITATED STRUCTURE.

STATE OF VERMONT AGENCY OF TRANSPORTATION



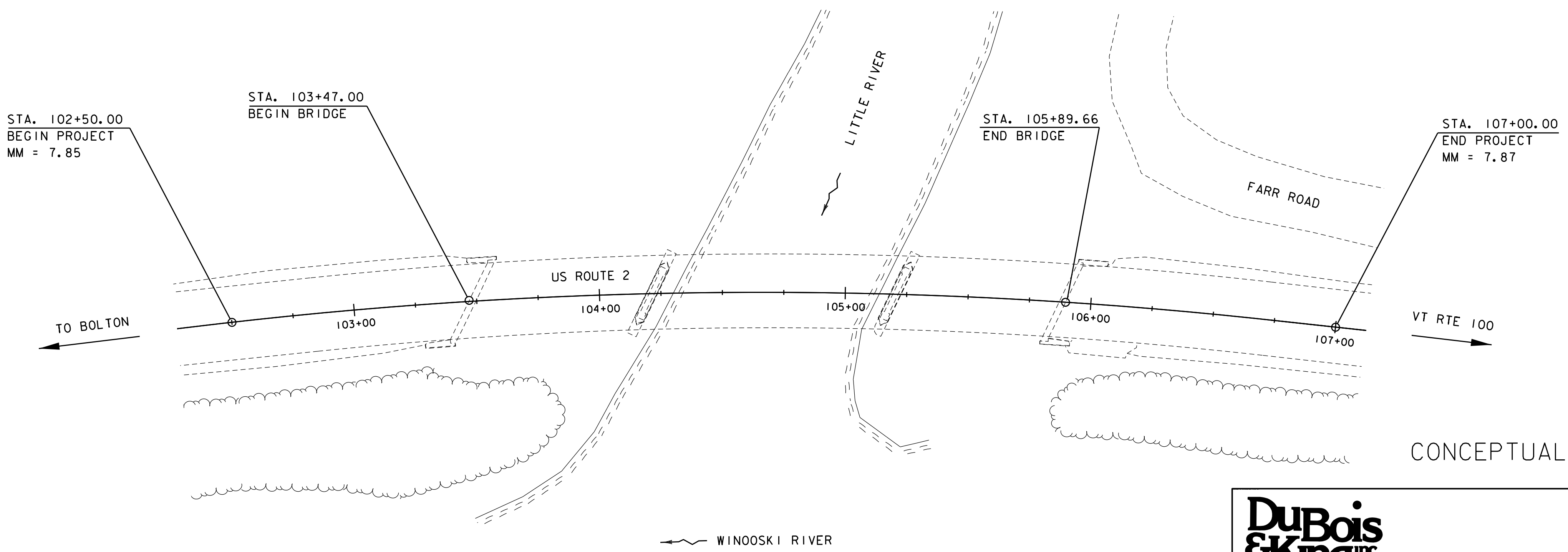
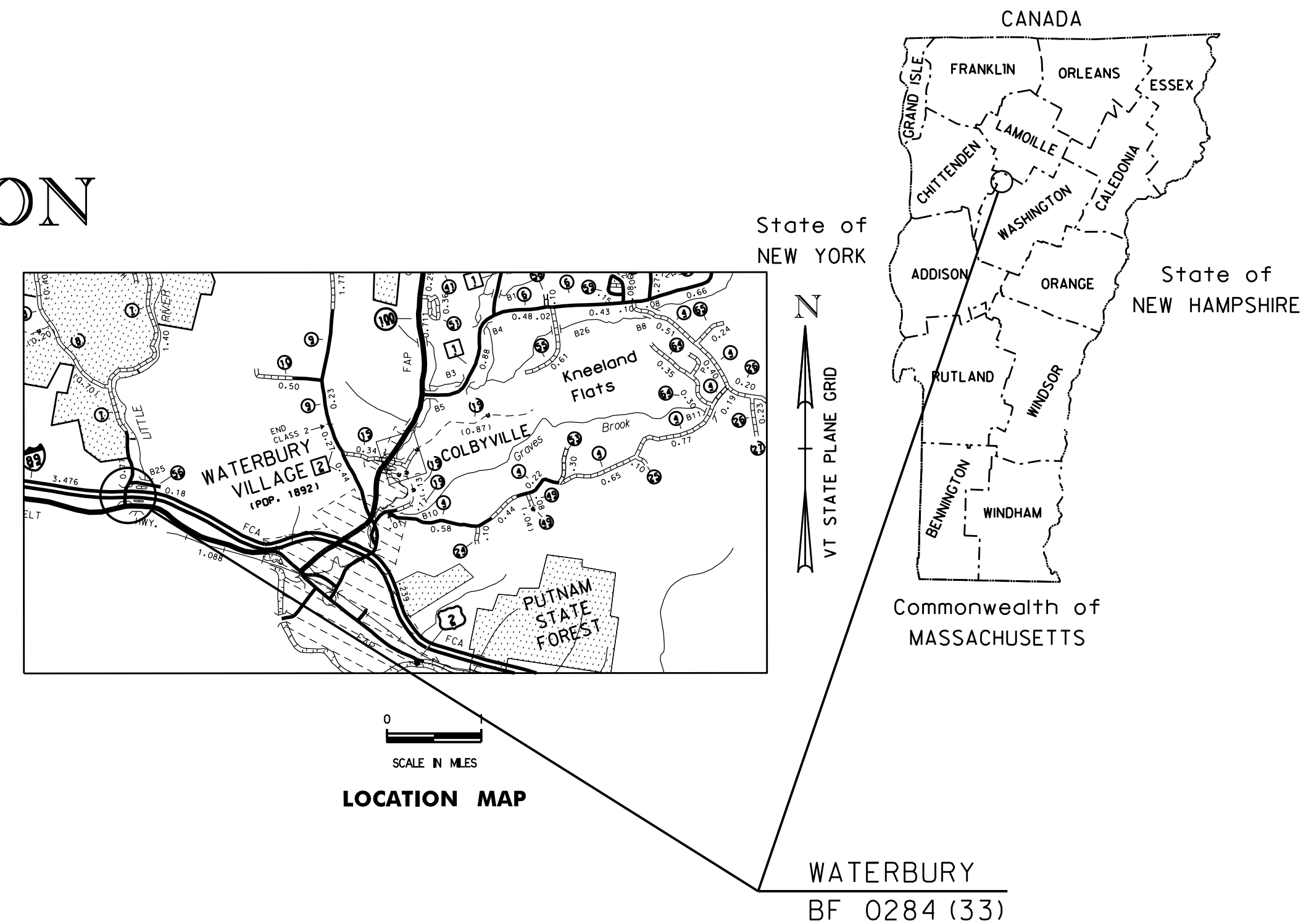
PROPOSED IMPROVEMENT

TOWN OF WATERBURY COUNTY OF WASHINGTON US ROUTE 2, RURAL MINOR ARTERIAL

BEGINNING IN THE TOWN OF WATERBURY ON US ROUTE 2, AT A POINT APPROXIMATELY 1.3 MILES TO THE WEST OF THE INTERSECTION OF US ROUTE 2 AND VT ROUTE 100 AND EXTENDING EASTERLY ON US ROUTE 2 FOR A DISTANCE OF 0.09 MILES.

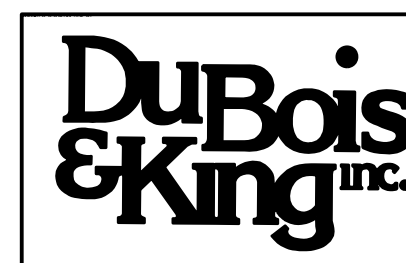
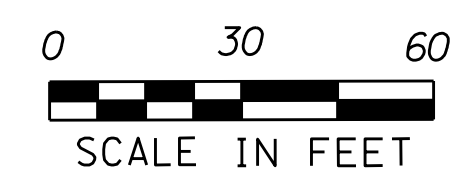
WORK TO BE PERFORMED INCLUDES REMOVAL OF THE EXISTING SUPERSTRUCTURE AND REPLACEMENT WITH A NEW SUPERSTRUCTURE, REHABILITATION OF EXISTING PIERS, AND OTHER HIGHWAY RELATED ITEMS.

LENGTH OF STRUCTURE:	242.66 FEET	
LENGTH OF ROADWAY:	207.34 FEET	= 0.039 MILES
LENGTH OF PROJECT:	450.00 FEET	= 0.09 MILES



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2018, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON APRIL 13, 2018 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 :	VSE
SURVEYED DATE :	OCTOBER 2018
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (2011)



DIRECTOR OF PROJECT DELIVERY	APPROVED _____ DATE _____
PROJECT MANAGER :	TODD SUMNER
PROJECT NAME :	WATERBURY
PROJECT NUMBER :	BF 0284 (33)
SHEET	1 OF 56 SHEETS

PRELIMINARY INFORMATION SHEET (BRIDGE)

INDEX OF SHEETS

PLAN SHEETS	
1	TITLE SHEET
2	PRELIMINARY INFORMATION SHEET
3	CONVENTIONAL SYMBOLOGY LEGEND SHEET
4 - 5	TYPICAL SECTIONS SHEET
6	TIE SHEET
7-9	PLAN SHEETS
10-16	PROFILE SHEETS
17	TRAFFIC CONTROL PLAN
18 - 25	US 2 CROSS SECTIONS 1-8
26 - 36	DETOUR CROSS SECTIONS 1-11
37 - 51	CHANNEL CROSS SECTIONS 1-15
52 - 53	FARR ROAD CROSS SECTIONS 1-2
54 - 56	SITE PLAN

DETAIL SHEETS		
HSD-400.01	SAFETY EDGE DETAILS	01-05-2018
HSD-621.07A	MIDWEST GUARDRAIL SYSTEM (MGS)	04-17-2019
HSD-621.07B	V-BEAM GUARDRAIL COMPONENTS	04-17-2019

STANDARDS LIST		
G-1D	STEEL BEAM GUARDRAIL DETAILS (END TERMINAL, ANCHOR, MEDIAN)	03-10-2017
G-1	STEEL BEAM GUARDRAIL DETAILS (POST, DELINEATOR, TYPICALS)	03-10-2017
S-360A	BRIDGE RAILING, GALVANIZED 2 RAIL BOX BEAM	01-24-2019
S-360B	GUARDRAIL APPROACH SECTION, GALVANIZED 2 RAIL BOX BEAM	03-10-2017
S-501	CONCRETE DETAILS AND NOTES	05-28-2019
S-502	CONCRETE DETAILS AND NOTES	05-28-2019

FINAL HYDRAULIC REPORT

Blank space for the Final Hydraulic Report content.

Blank space for the Final Hydraulic Report content.

TRAFFIC MAINTENANCE NOTES

1. MAINTAIN TWO-WAY TRAFFIC ON A TEMPORARY ROADWAY AND BRIDGE.
2. INSTALL AND MAINTAIN TRAFFIC SIGNS
3. SIDEWALKS ARE NOT NECESSARY
4. THE TEMPORARY ROADWAY SHALL BE PAVED.

DESIGN VALUES

1. DESIGN LIVE LOAD	HL-93
2. FUTURE PAVEMENT	dp: 3.0 INCH
3. DESIGN SPAN	L: 68.1, 99.2, 73.1 H: 7'-0"
4. MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRESSED UNITS)	Δ: ---
5. PRESTRESSING STRAND	fy: ---
6. PRESTRESSED CONCRETE STRENGTH	f'c: ---
7. PRESTRESSED CONCRETE RELEASE STRENGTH	f'ci: ---
8. HIGH PERFORMANCE CONCRETE, CLASS A	f'c: 4.0 KSI
9. HIGH PERFORMANCE CONCRETE, CLASS B	f'c: 3.5 KSI
10. CONCRETE HIGH PERFORMANCE, CLASS	f'c: ---
11. CONCRETE, CLASS C	f'c: 3.0 KSI
12. REINFORCING STEEL	fy: 60 KSI
13. STRUCTURAL STEEL AASHTO M270W (WEATHERING)	fy: 50 KSI
14. NOMINAL BEARING RESISTANCE OF SOIL	qn: 4.0 KSF
15. SOIL BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	φ: 0.45
16. NOMINAL BEARING RESISTANCE OF ROCK	qn: 10.0 KSF
17. ROCK BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	φ: 0.45
18. PILE RESISTANCE FACTOR	φ: ---
19. LATERAL PILE DEFLECTION	Δ: ---
20. BASIC WIND SPEED	V3s: ---
21. MINIMUM GROUND SNOW LOAD	pg: ---
22. SEISMIC DATA	PGA: --- Ss: --- S1: ---
23.	---
24.	---
25.	---
26.	---

LRFR LOAD RATING FACTORS

LOADING LEVELS	TRUCK						
	H-20	HL-93	3S2	6 AXLE	3A STR.	4A STR.	5A SEMI
TONNAGE	20	36	36	66	30	34.5	38
INVENTORY							
POSTING							
OPERATING							
COMMENTS:							

TRAFFIC DATA

YEAR	ADT	DHV	% D	% T	ADTT	
2023	2700	430	61	3.7	200	20 year ESAL for flexible pavement from 2023 to 2043 : 40 year ESAL for flexible pavement from 2023 to 2063 :
2043	3000	460	61	5.8	350	Design Speed : 50 mph

AS BUILT "REBAR" DETAIL

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

PROJECT NAME: WATERBURY
 PROJECT NUMBER: BF 0284(33)
 FILE NAME: ...\\Drawings\\zl2c602_pi.dgn PLOT DATE: 11/17/2020
 PROJECT LEADER: M. EVANS-MONGEON DRAWN BY: G. CANTAVE
 DESIGNED BY: M. EVANS-MONGEON CHECKED BY: J. HALL
 PRELIMINARY INFORMATION SHEET SHEET 2 OF 56

GENERAL INFORMATION

SYMBOLGY LEGEND NOTE

THE SYMBOLGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLGY. THE SYMBOLGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

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

POINT CODE	DESCRIPTION
CH	CHANNEL EASEMENT
CONST	CONSTRUCTION EASEMENT
CUL	CULVERT EASEMENT
D&C	DISCONNECT & CONNECT
DIT	DITCH EASEMENT
DR	DRAINAGE EASEMENT
DRIVE	DRIVEWAY EASEMENT
EC	EROSION CONTROL
HWY	HIGHWAY EASEMENT
I&M	INSTALL & MAINTAIN EASEMENT
LAND	LANDSCAPE EASEMENT
R&RES	REMOVE & RESET
R&REP	REMOVE & REPLACE
SR	SLOPE RIGHT
UE	UTILITY EASEMENT
(P)	PERMANENT EASEMENT
(T)	TEMPORARY EASEMENT
■	BNDNS BOUND SET
□	BNDNS BOUND TO BE SET
⊙	IPNF IRON PIN FOUND
●	IPNS IRON PIN TO BE SET
⊠	CALC EXISTING ROW POINT
○	PROW PROPOSED ROW POINT
[LENGTH]	LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT CODE	DESCRIPTION
⊕	APL BOUND APPARENT LOCATION
□	BM BENCHMARK
□	BND BOUND
⊠	CB CATCH BASIN
⊕	COMB COMBINATION POLE
⊠	DITHR DROP INLET THROATED DNC
⊕	EL ELECTRIC POWER POLE
○	FPOLE FLAGPOLE
○	GASFIL GAS FILLER
○	GP GUIDE POST
×	GSO GAS SHUT OFF
○	GUY GUY POLE
○	GUYW GUY WIRE
×	GV GATE VALVE
⊕	H TREE HARDWOOD
△	HCTRL CONTROL HORIZONTAL
△	HVCTRL CONTROL HORIZ. & VERTICAL
◇	HYD HYDRANT
○	IP IRON PIN
○	IPIPE IRON PIPE
□	LI LIGHT - STREET OR YARD
⊕	MB MAILBOX
○	MH MANHOLE (MH)
□	MM MILE MARKER
□	PM PARKING METER
□	PMK PROJECT MARKER
○	POST POST STONE/WOOD
⊕	RRSIG RAILROAD SIGNAL
⊕	RRSL RAILROAD SWITCH LEVER
⊕	S TREE SOFTWOOD
⊕	SAT SATELLITE DISH
⊕	SHRUB SHRUB
⊕	SIGN SIGN
⊕	STUMP STUMP
⊕	TEL TELEPHONE POLE
○	TIE TIE
⊕	TSIGN SIGN W/DOUBLE POST
⊕	VCTRL CONTROL VERTICAL
○	WELL WELL
×	WSO WATER SHUT OFF

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

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADUIS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE

UTILITY SYMBOLGY

UNDERGROUND UTILITIES

— UGU —	UTILITY (GENERIC-UNKNOWN)
— UT —	TELEPHONE
— UE —	ELECTRIC
— UC —	CABLE (TV)
— UEC —	ELECTRIC+CABLE
— UET —	ELECTRIC+TELEPHONE
— UCT —	CABLE+TELEPHONE
— UECT —	ELECTRIC+CABLE+TELEP.
— G —	GAS LINE
— W —	WATER LINE
— S —	SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

— AGU —	UTILITY (GENERIC-UNKNOWN)
— T —	TELEPHONE
— E —	ELECTRIC
— C —	CABLE (TV)
— EC —	ELECTRIC+CABLE
— ET —	ELECTRIC+TELEPHONE
— AER E&T —	ELECTRIC+TELEPHONE
— CT —	CABLE+TELEPHONE
— ECT —	ELECTRIC+CABLE+TELEP.
—	UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLGY

PROJECT DESIGN & LAYOUT SYMBOLGY

— — — CZ — — —	CLEAR ZONE
—————	PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

△ — △ — △ — △	TOP OF CUT SLOPE
○ — ○ — ○ — ○	TOE OF FILL SLOPE
⊗ ⊗ ⊗ ⊗ ⊗	STONE FILL
-----	BOTTOM OF DITCH
-----	CULVERT PROPOSED
-----	STRUCTURE SUBSURFACE
PDF — PDF —	PROJECT DEMARCATION FENCE
BF × × × BF × × ×	BARRIER FENCE
XXXXXXXXXXXXXXXXXXXX	TREE PROTECTION ZONE (TPZ)
//// //// //// ////	STRIPING LINE REMOVAL
~~~~~	SHEET PILES

**CONVENTIONAL BOUNDARY SYMBOLGY**

**BOUNDARY LINES**

—————	TOWN BOUNDARY LINE
—————	COUNTY BOUNDARY LINE
—————	STATE BOUNDARY LINE
———	PROPOSED STATE R.O.W. (LIMITED ACCESS)
———	PROPOSED STATE R.O.W.
———	STATE ROW (LIMITED ACCESS)
———	STATE ROW
———	TOWN ROW
-----	PERMANENT EASEMENT LINE (P)
-----	TEMPORARY EASEMENT LINE (T)
-----	SURVEY LINE
— P — P —	PROPERTY LINE (P/L)
— L — L —	PROPERTY LINE (P/L)
△ — SR — SR — SR —	SLOPE RIGHTS
6f — 6f —	6F PROPERTY BOUNDARY
4f — 4f —	4F PROPERTY BOUNDARY
HAZ — HAZ —	HAZARDOUS WASTE

**EPSC LAYOUT PLAN SYMBOLGY**

**EPSC MEASURES**

ONNOONNOONNO	FILTER CURTAIN
— — — — —	SILT FENCE
— X — X — X — X —	SILT FENCE WOVEN WIRE
— — — — —	CHECK DAM
▬	DISTURBED AREAS REQUIRING RE-VEGETATION
⊠	EROSION MATTING

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLGY

**ENVIRONMENTAL RESOURCES**

———	WETLAND BOUNDARY
-----	RIPARIAN BUFFER ZONE
-----	WETLAND BUFFER ZONE
-----	SOIL TYPE BOUNDARY
— T&E —	THREATENED & ENDANGERED SPECIES
— HAZ — HAZ —	HAZARDOUS WASTE AREA
— AG —	AGRICULTURAL LAND
— HABITAT —	FISH & WILDLIFE HABITAT
— FLOOD PLAIN —	FLOOD PLAIN
— OHW —	ORDINARY HIGH WATER (OHW)
-----	STORM WATER
-----	USDA FOREST SERVICE LANDS
-----	WILDLIFE HABITAT SUIT/CONN

**ARCHEOLOGICAL & HISTORIC**

— ARCH —	ARCHEOLOGICAL BOUNDARY
— HISTORIC DIST —	HISTORIC DISTRICT BOUNDARY
— HISTORIC —	HISTORIC AREA
Ⓜ	HISTORIC STRUCTURE

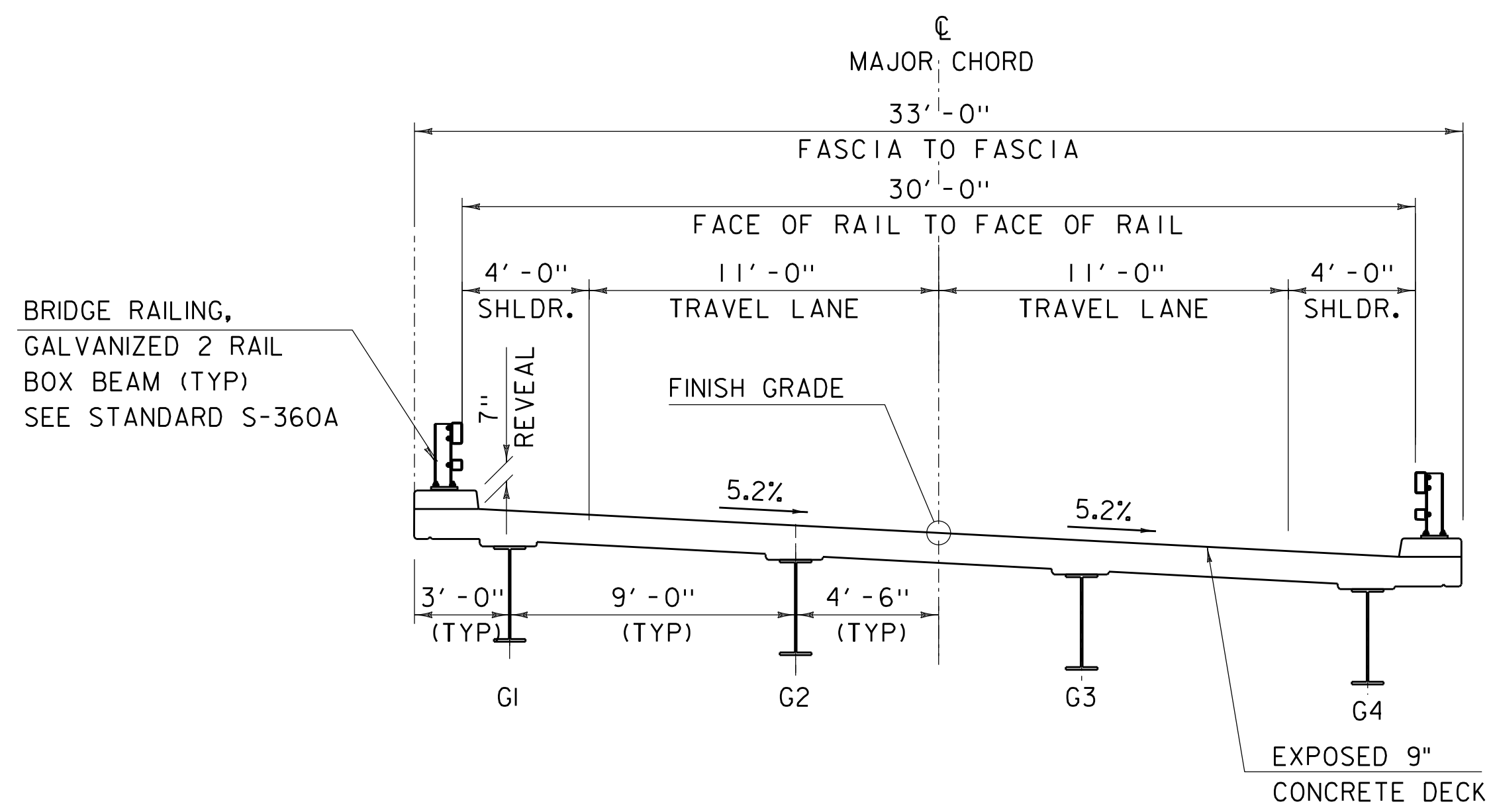
**CONVENTIONAL TOPOGRAPHIC SYMBOLGY**

**EXISTING FEATURES**

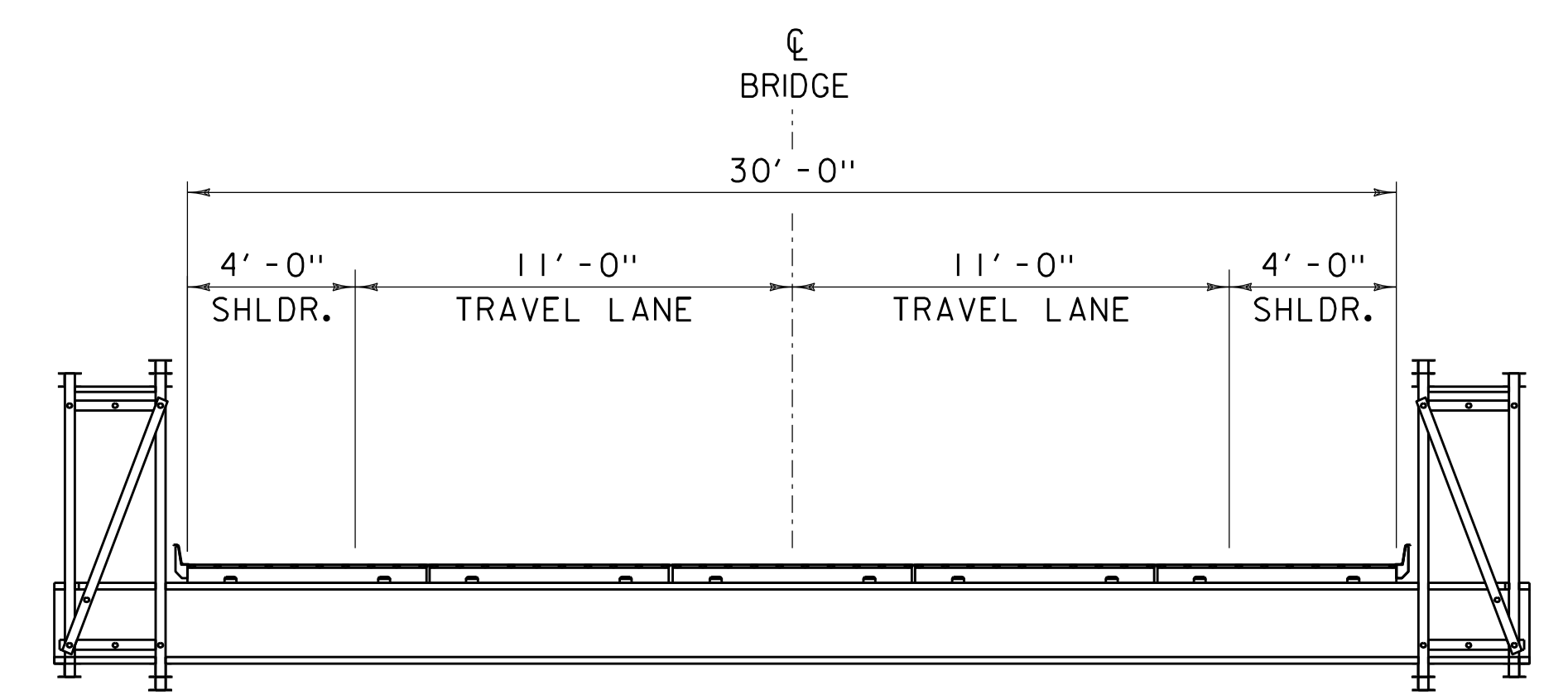
-----	ROAD EDGE PAVEMENT
-----	ROAD EDGE GRAVEL
-----	DRIVEWAY EDGE
-----	DITCH
-----	FOUNDATION
× — × — × — × —	FENCE (EXISTING)
□ — □ — □ — □ —	FENCE WOOD POST
○ — ○ — ○ — ○ —	FENCE STEEL POST
~~~~~	GARDEN
○ — ○ — ○ — ○ —	ROAD GUARDRAIL
	RAILROAD TRACKS
-----	CULVERT (EXISTING)
-----	STONE WALL
-----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

PROJECT NAME: WATERBURY  
PROJECT NUMBER: BF 0284(33)

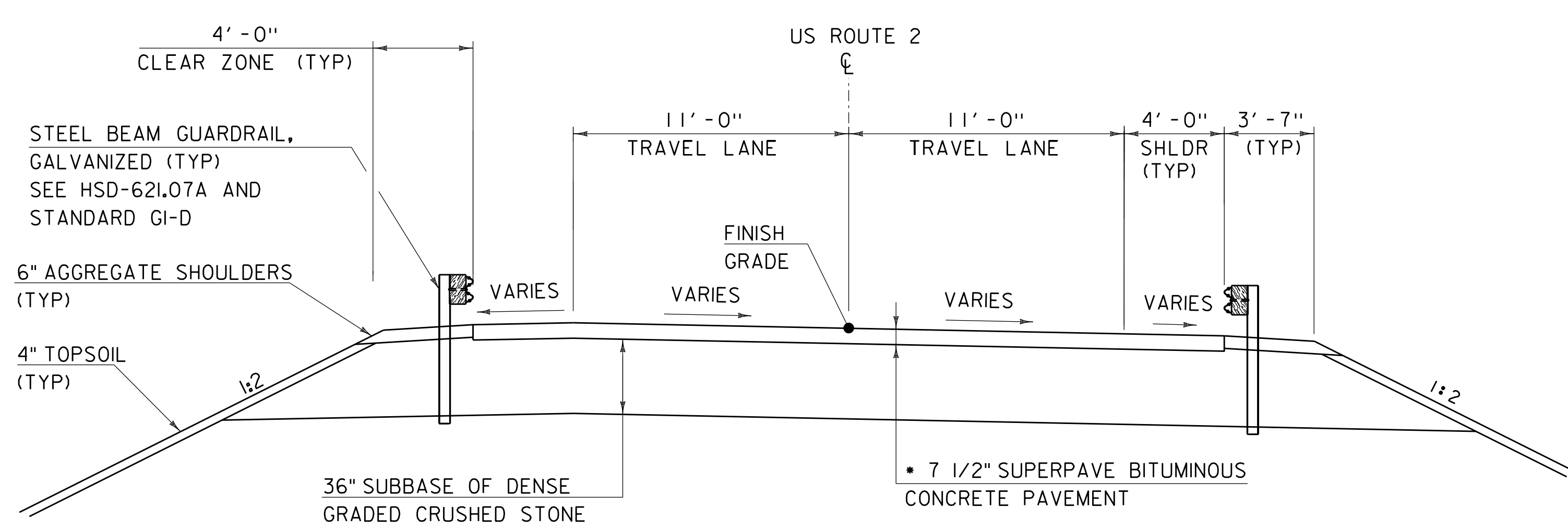
FILE NAME: z18d320LegendSheet.dgn PLOT DATE: 11/17/2020  
PROJECT LEADER: VTRANS DRAWN BY: VTRANS  
DESIGNED BY: VTRANS CHECKED BY: VTRANS  
CONVENTIONAL SYMBOLGY LEGEND SHEET SHEET 3 OF 56



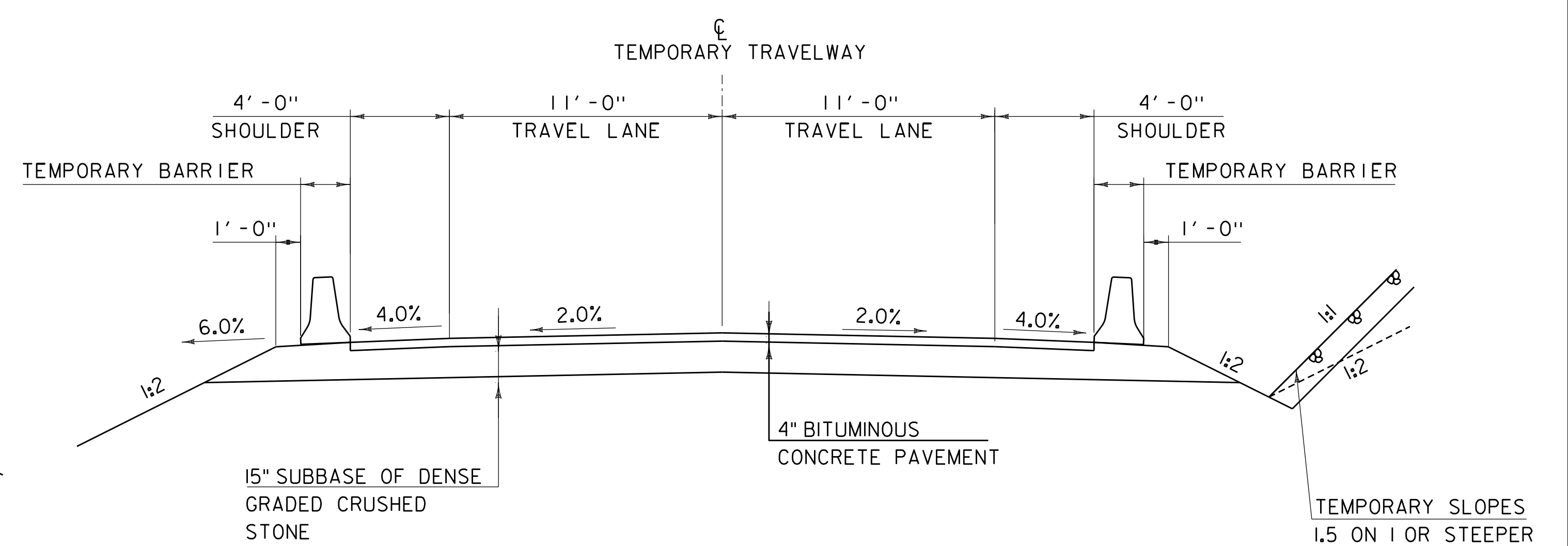
PROPOSED BRIDGE TYPICAL SECTION  
1/4" = 1'-0"



TEMPORARY BRIDGE TYPICAL SECTION  
1/4" = 1'-0"



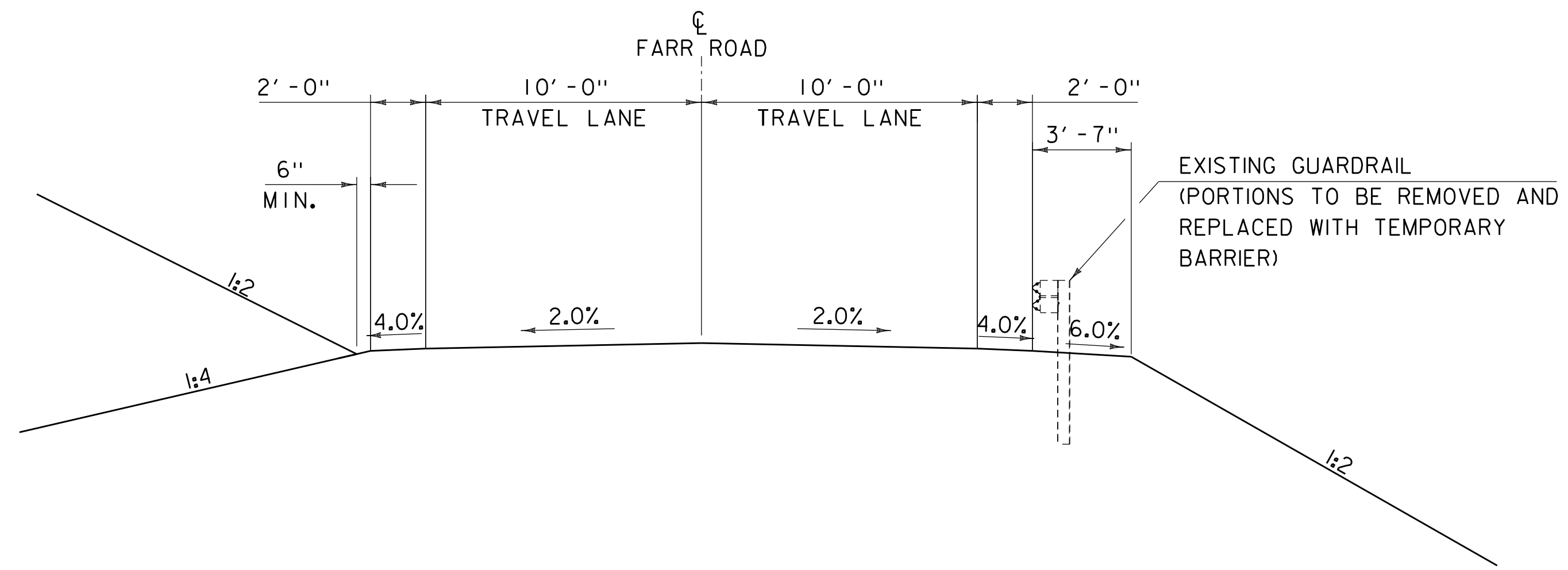
US ROUTE 2 TYPICAL SECTION  
1/4" = 1'-0"



TEMPORARY US 2 TRAVELWAY TYPICAL SECTION  
1/4" = 1'-0"

MATERIAL TOLERANCES (IF USED ON PROJECT)	
SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	
	+/- 1"
SAND BORROW	
	+/- 1"

PROJECT NAME:	WATERBURY
PROJECT NUMBER:	BF 0284(33)
FILE NAME:	drawings/zl2c602.typ.dgn
PROJECT LEADER:	M.EVANS-MONGEON
DESIGNED BY:	M.EVANS-MONGEON
TYPICAL SECTIONS 1	
PLOT DATE:	11/17/2020
DRAWN BY:	G.CANTAVE
CHECKED BY:	J.HALL
SHEET	4 OF 56



TEMPORARY FARR ROAD TYPICAL SECTION  
 1/4" = 1'-0"

**MATERIAL TOLERANCES**  
 (IF USED ON PROJECT)

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

PROJECT NAME: WATERBURY  
 PROJECT NUMBER: BF 0284(33)

FILE NAME: drawings/zl2c602.typ.dgn PLOT DATE: 11/17/2020  
 PROJECT LEADER: M.EVANS-MONGEON DRAWN BY: G.CANTAVE  
 DESIGNED BY: M.EVANS-MONGEON CHECKED BY: J.HALL  
 TYPICAL SECTIONS 2 SHEET 5 OF 56

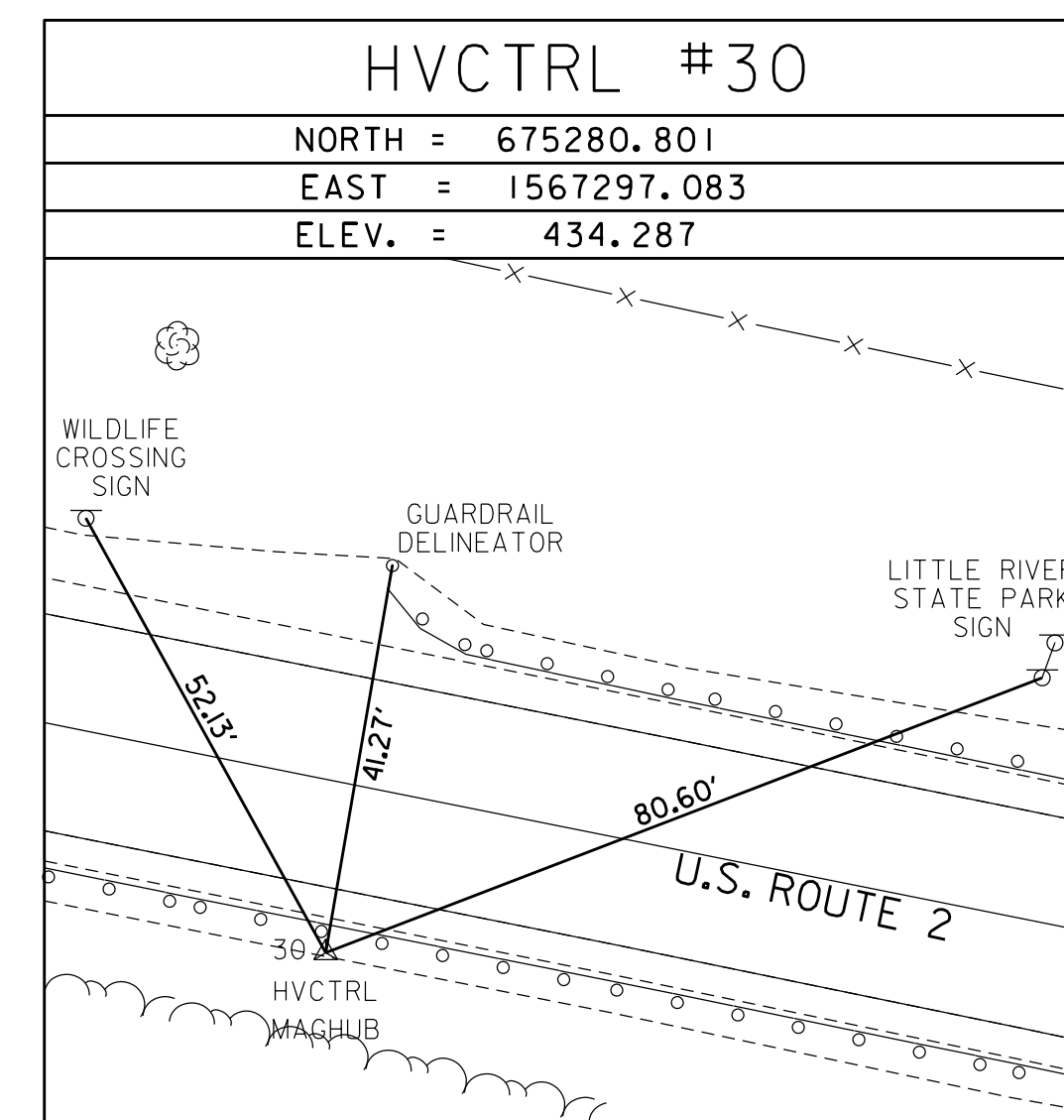
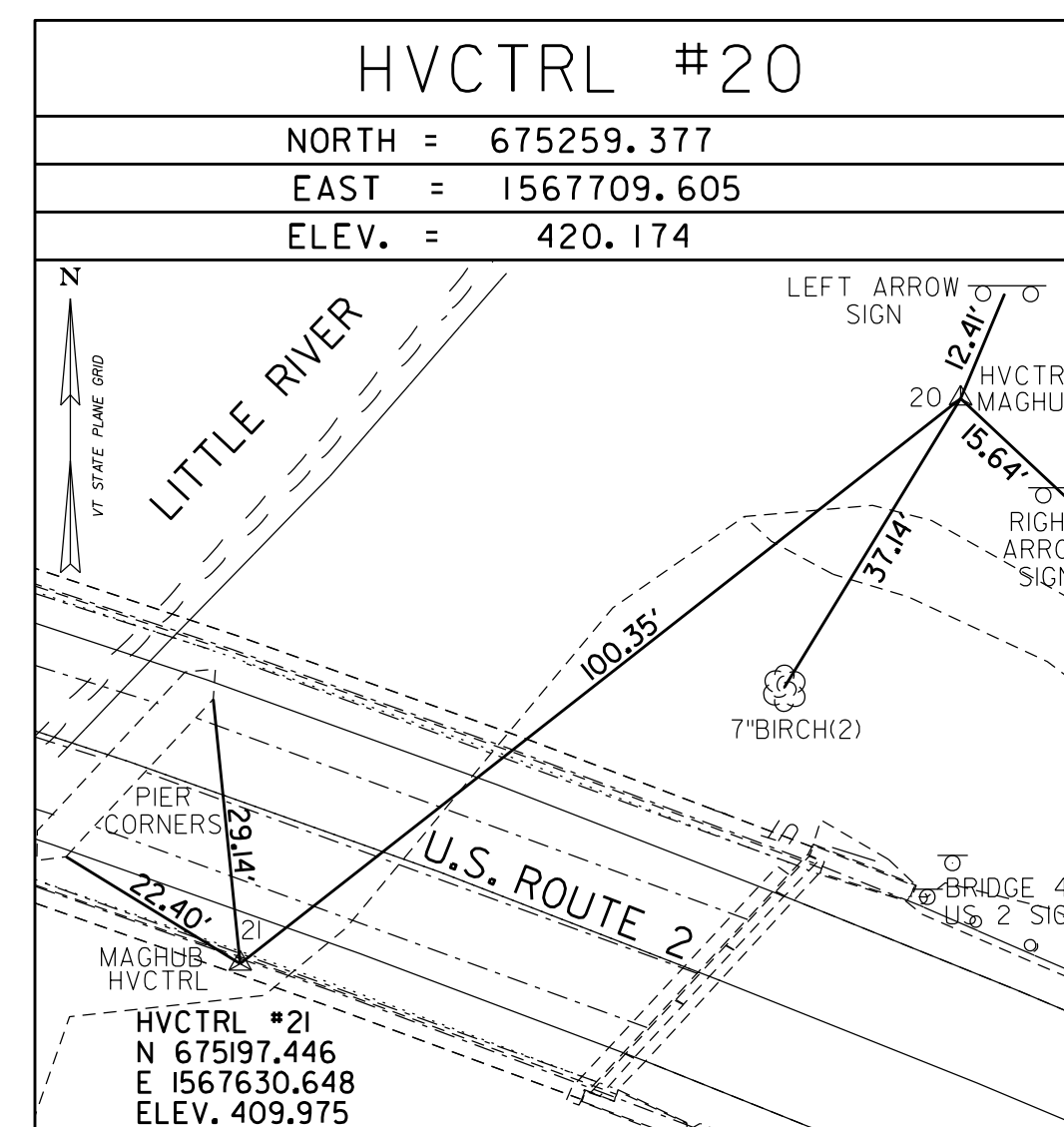
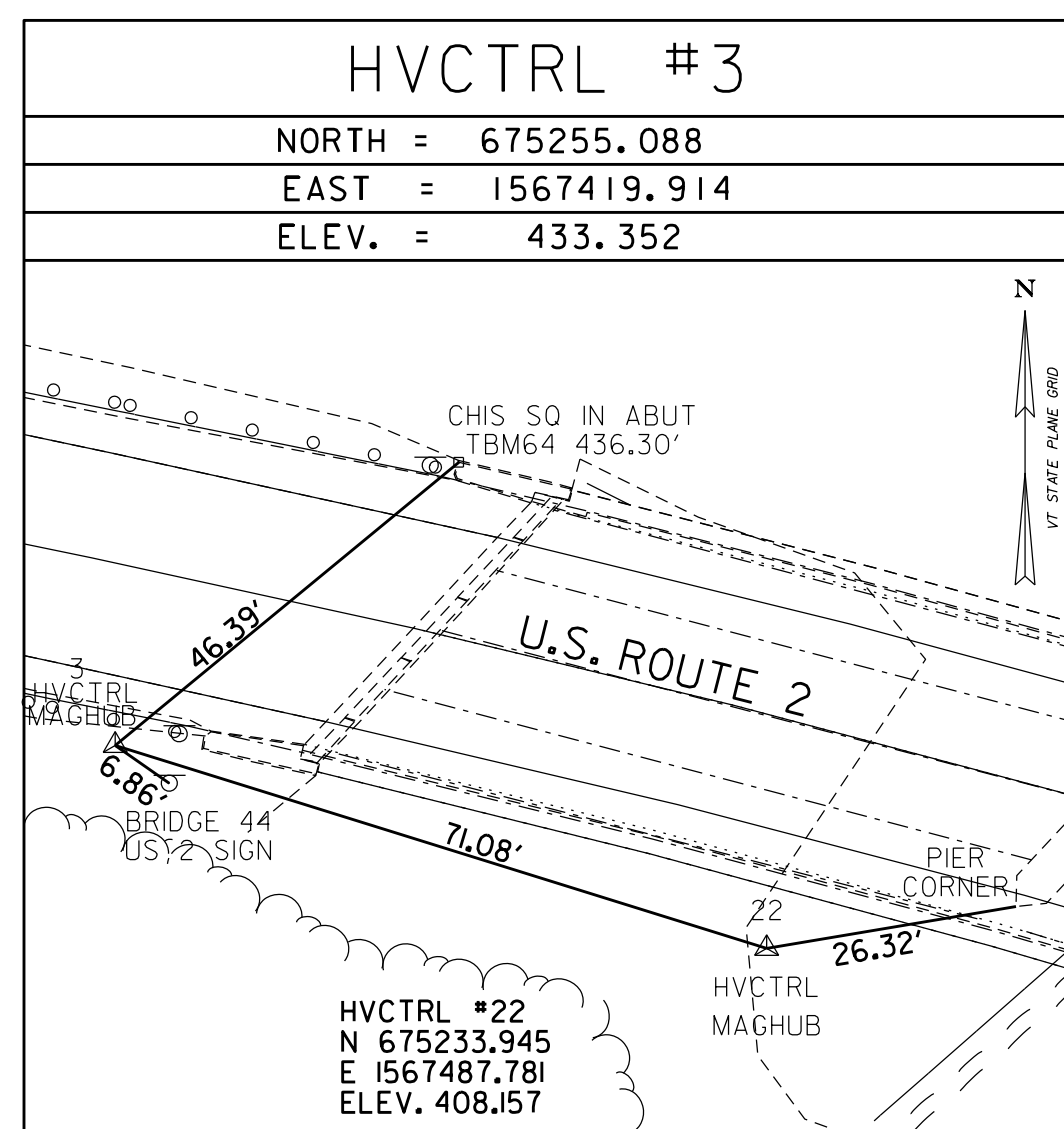
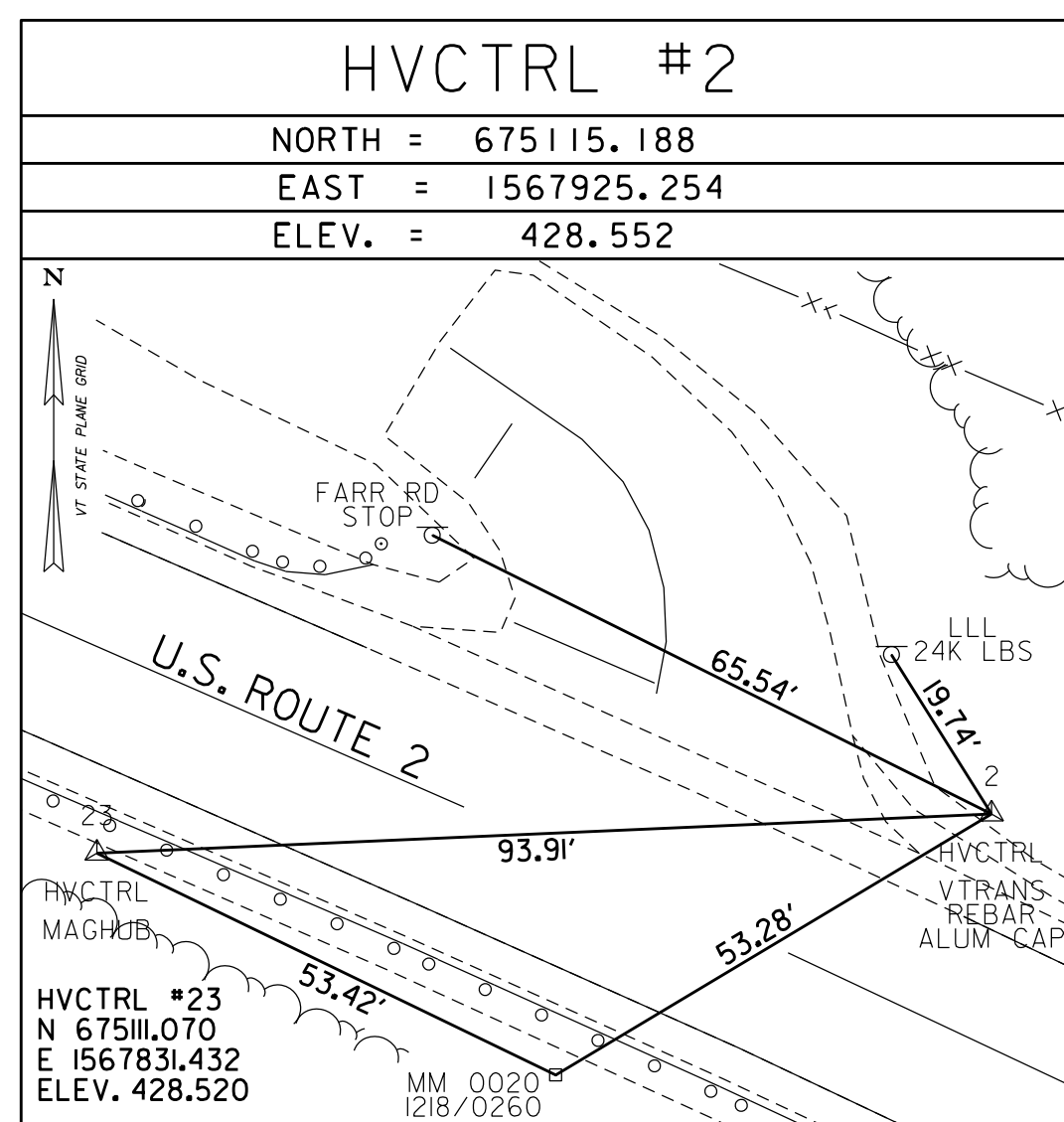
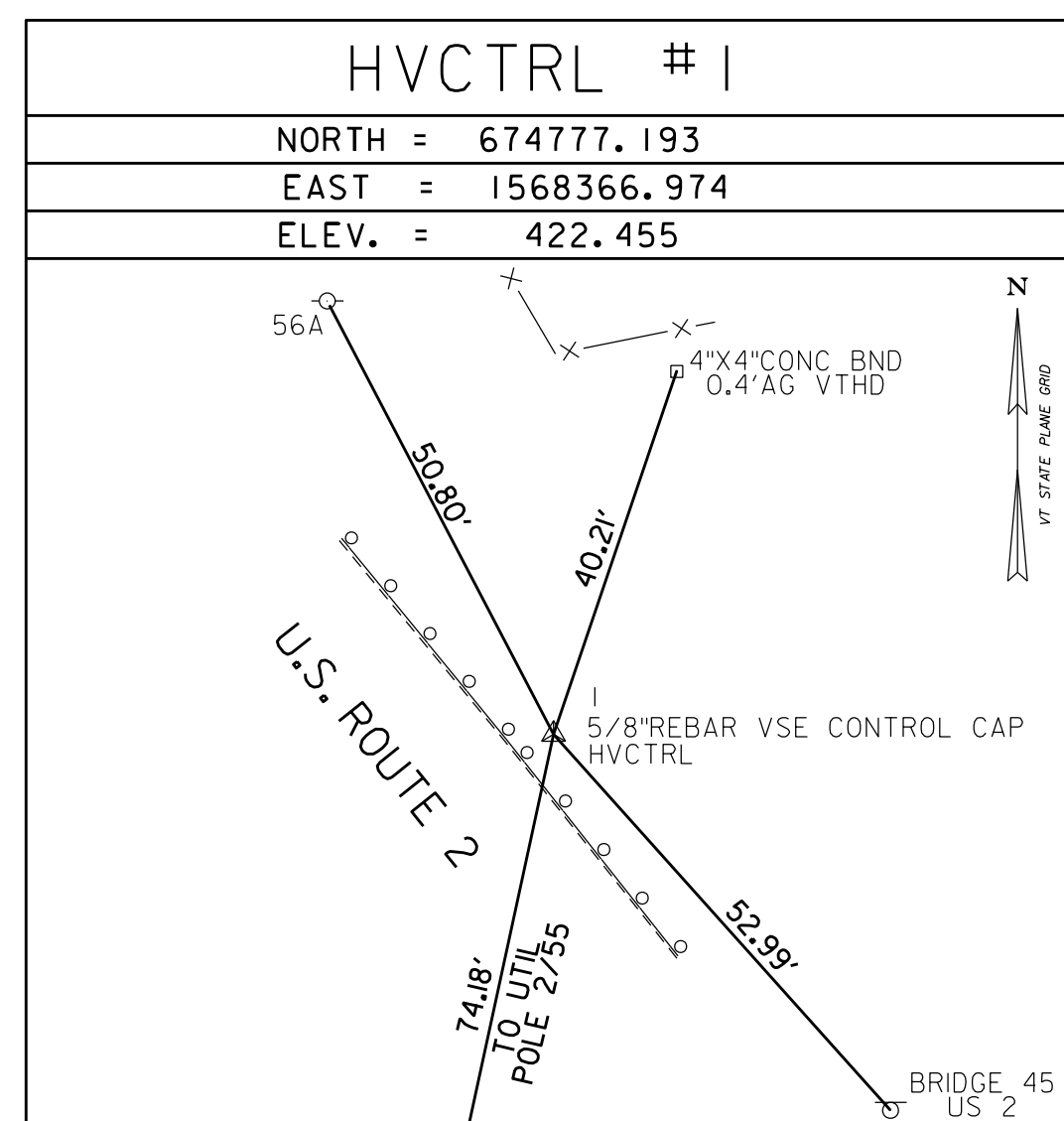
GPS CONTROL POINTS

VERMONT CAPITAL CORS ARP

PID AF9563  
 N = 642229.414  
 E = 1618836.277  
 ELLIP HEIGHT = 526.702

STATION IS A GPS CONTINUOUSLY OPERATING REFERENCE STATION. STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA. THE ANTENNA IS MOUNTED ON THE ROOF OF 133 STATE STREET IN MONTPELIER, VERMONT. OWNERSHIP: VERMONT AGENCY OF TRANSPORTATION, 1 NATIONAL LIFE DRIVE, DRAWER 33, MONTPELIER, VT 05633. CONTACT: DANIEL MARTIN.

TRAVERSE TIES



* SURVEY COMPLETED: OCTOBER 18, 2018 BY VSE, M. YEFCHAK-PC, T. YEFCHAK

ALIGNMENT TIES

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

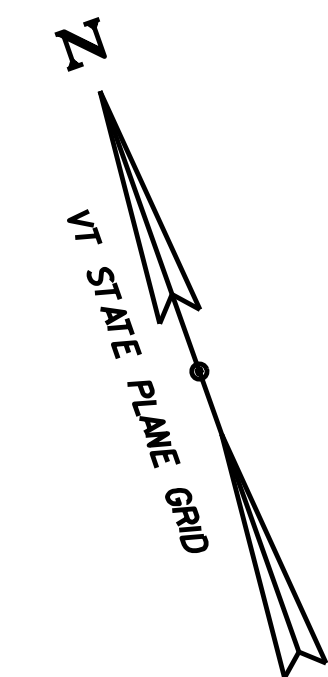
NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

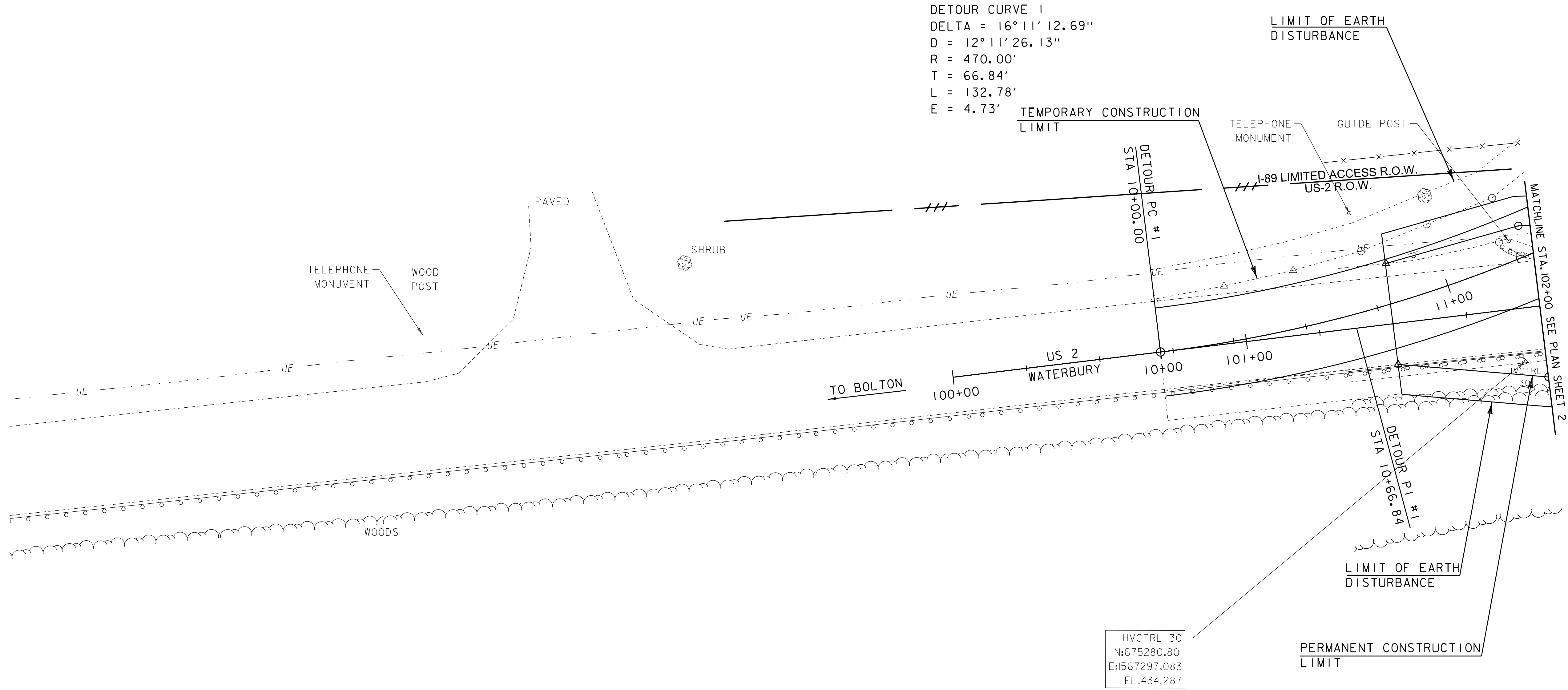
NORTH =
EAST =
ELEV. =

DATUM	
VERTICAL	NAVD88
HORIZONTAL	NAD83(2011)
ADJUSTMENT	LSQ

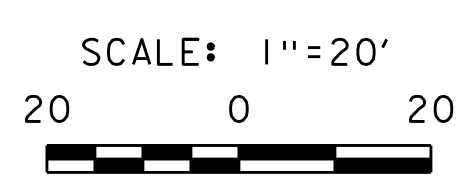
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602+1.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER:	DRAWN BY: M. YEFCHAK
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
TIE SHEET M. YEFCHAK	SHEET 6 OF 56



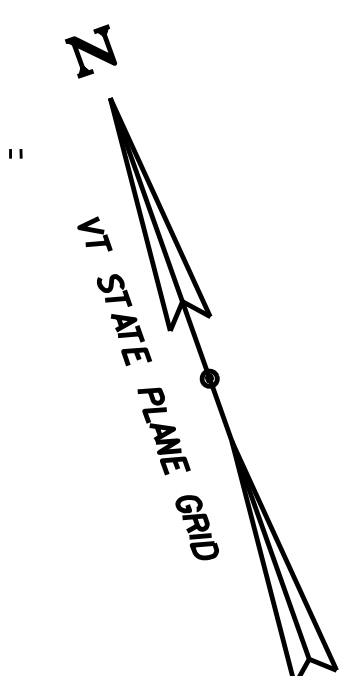
DETOUR CURVE 1  
 DELTA = 16° 11' 12.69"  
 D = 12° 11' 26.13"  
 R = 470.00'  
 T = 66.84'  
 L = 132.78'  
 E = 4.73'



HVCTRL 30  
 N:675280.801  
 E:1567297.083  
 EL.434.287



PROJECT NAME:	WATERBURY		
PROJECT NUMBER:	BF 0284(33)		
FILE NAME:	...\\drawings\z12c602_bdr.dgn	PLOT DATE:	11/17/2020
PROJECT LEADER:	M. EVANS-MONGEON	DRAWN BY:	G. CANTAVE
DESIGNED BY:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
PLAN SHEET 1		SHEET	7 OF 56



FARR RD CURVE  
 DELTA = 20° 46' 41.88"  
 D = 57° 17' 44.81"  
 R = 100.00'  
 T = 18.33'  
 L = 36.26'  
 E = 1.67'

DETOUR CURVE 2  
 DELTA = 23° 02' 33.55"  
 D = 11° 14' 04.08"  
 R = 510.00'  
 T = 103.96'  
 L = 205.11'  
 E = 10.49'

BRIDGE  
 MAINLINE STA. 104+71.13 =  
 CHANNEL STA. 51+36.56  
 DELTA = 63° 34' 10"

BEGIN TEMPORARY BRIDGE  
 STA. 13+30.00

BENCHMARK-TBM 64  
 CHISLED SQUARE  
 IN ABUTMENT  
 ELEV = 436.30'

BEGIN BRIDGE  
 STA. 103+47.00

DETOUR PT #2  
 STA 13+37.89

US 2 PI #1  
 STA 104+57.70

HVCTRL 20  
 N:675259.377  
 E:1567709.605  
 EL.420.174

HVCTRL 24  
 N:675354.415  
 E:1567775.935  
 EL.416.902

US 2 DETOUR STA. 15+56.67 =  
 FARR ROAD STA. 61+27.58  
 DELTA = 90° 00' 00"

TEMPORARY CONSTRUCTION  
 LIMIT

DETOUR PI #3  
 STA 16+37.52

LIMIT OF EARTH  
 DISTURBANCE

LIMIT OF EARTH  
 DISTURBANCE

TEMPORARY CONSTRUCTION  
 LIMIT

BEGIN PROJECT  
 STA. 102+50.00

TEMPORARY DETOUR

I-89 LIMITED ACCESS R.O.W.  
 US-2 R.O.W.

I-89 LIMITED ACCESS R.O.W.  
 US-2 R.O.W.

US 2  
 WATERBURY

WOODS

PERMANENT CONSTRUCTION  
 LIMIT

LIMIT OF EARTH  
 DISTURBANCE

PERMANENT CONSTRUCTION  
 LIMIT

LIMIT OF EARTH  
 DISTURBANCE

END BRIDGE  
 STA. 105+89.66

US 2 PT #1  
 STA 106+73.46

END PROJECT  
 STA. 107+00.00

DETOUR CURVE 3  
 DELTA = 17° 41' 57.02"  
 D = 12° 11' 26.13"  
 R = 470.00'  
 T = 73.18'  
 L = 145.19'  
 E = 5.66'

US 2 CURVE #1  
 DELTA = 13° 00' 02"  
 D = 3° 00' 00"  
 R = 1910.08'  
 T = 217.63'  
 L = 433.40'  
 E = 12.36'

HVCTRL 22  
 N:675233.945  
 E:1567487.781  
 EL.408.157

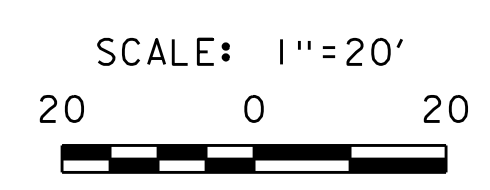
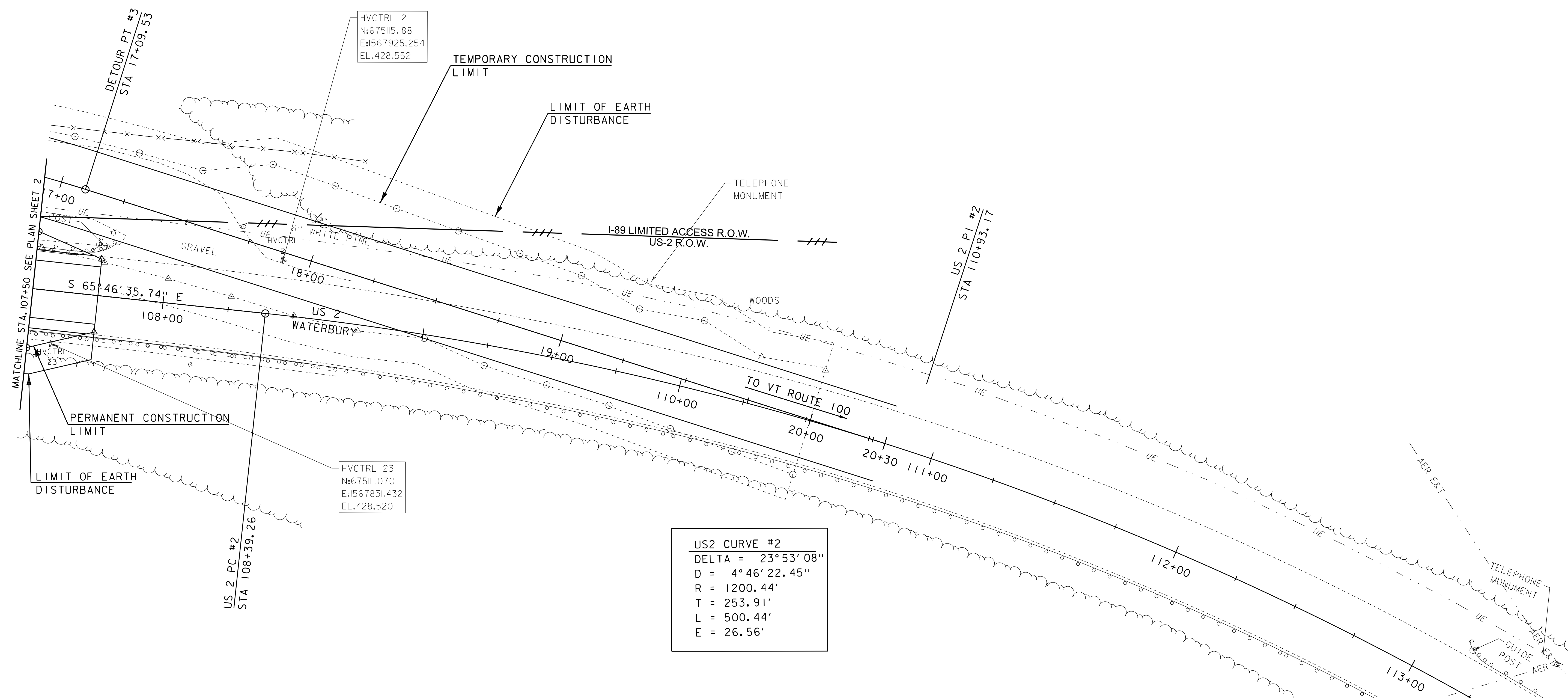
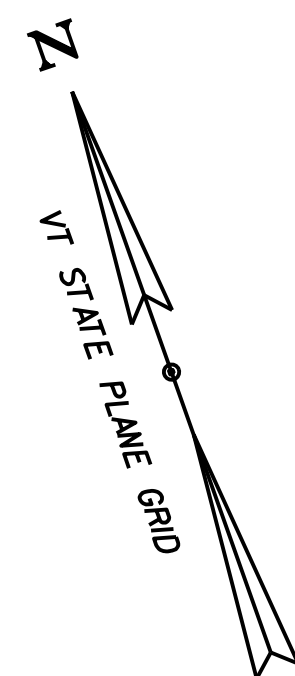
HVCTRL 21  
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 EL.409.975

HVCTRL 3  
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 EL.433.352

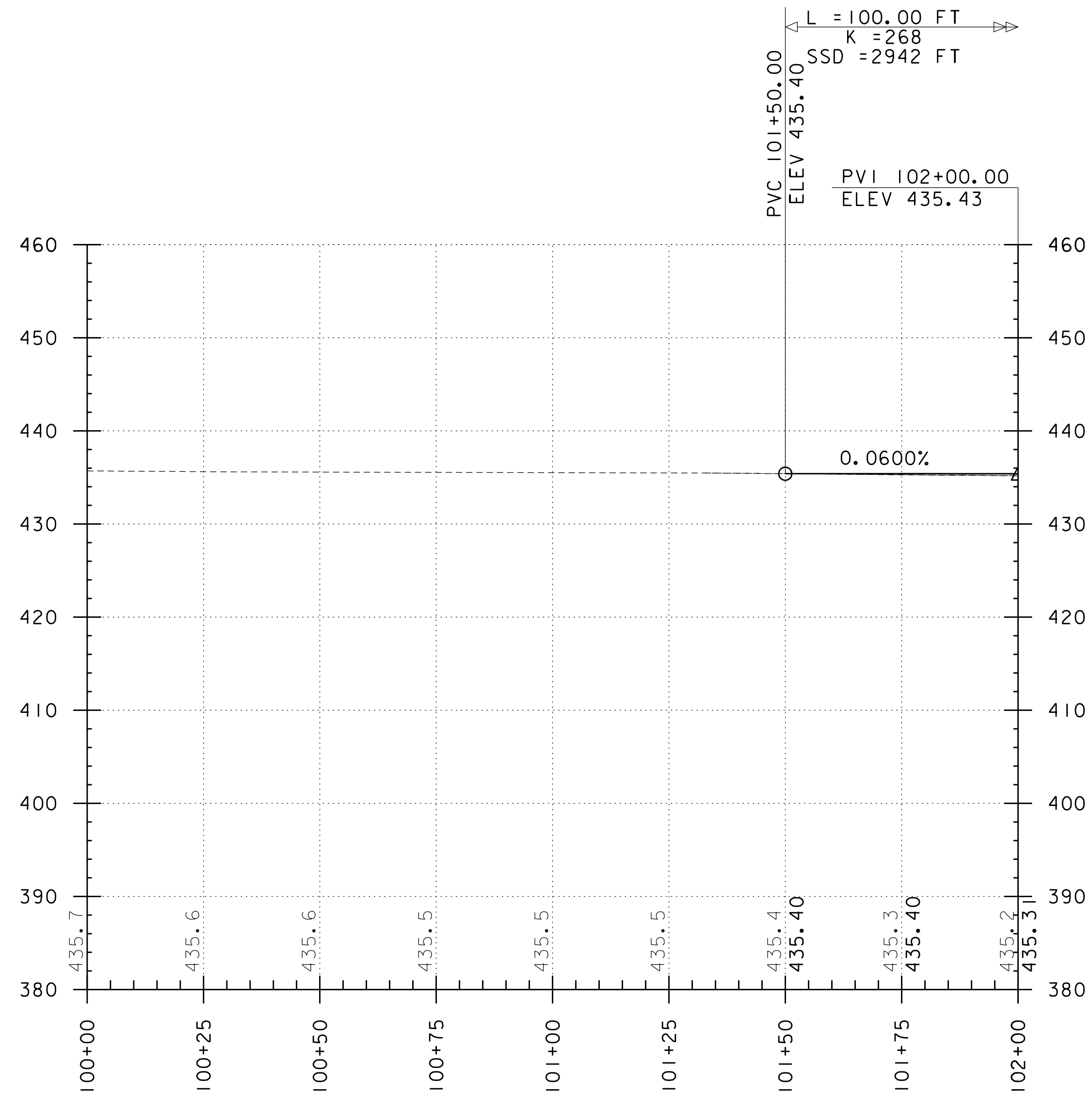
SCALE: 1"=20'  
 20 0 20

PROJECT NAME:	WATERBURY		
PROJECT NUMBER:	BF 0284(33)		
FILE NAME:	...\\Drawings\\z12c602.bdr.dgn	PLOT DATE:	11/17/2020
PROJECT LEADER:	M. EVANS-MONGEON	DRAWN BY:	G. CANTAVE
DESIGNED BY:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
PLAN SHEET 2		SHEET	8 OF 56





PROJECT NAME:	WATERBURY		
PROJECT NUMBER:	BF 0284(33)		
FILE NAME:	...Drawings\z12c602_bdr.dgn	PLOT DATE:	11/17/2020
PROJECT LEADER:	M. EVANS-MONGEON	DRAWN BY:	G. CANTAVE
DESIGNED BY:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
PLAN SHEET 3		SHEET	9 OF 56

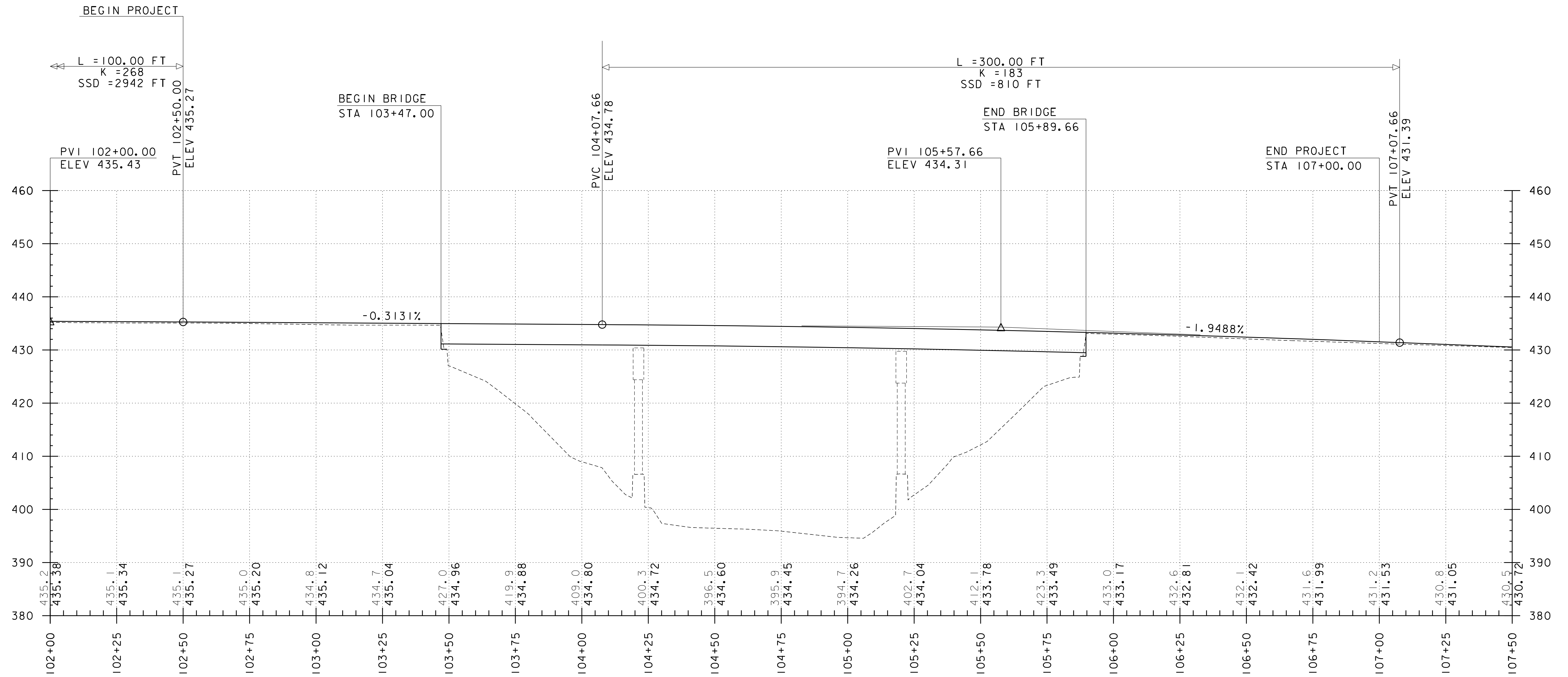


**PROFILE US 2**

HORIZONTAL SCALE 1" = 20' - 0"  
 VERTICAL SCALE 1" = 10' - 0"

NOTE:  
 GRADES SHOWN TO THE NEAREST  
 TENTH ARE EXISTING GROUND ALONG CL  
 GRADES SHOWN TO THE NEAREST  
 HUNDREDTH ARE FINISH GRADE ALONG CL

PROJECT NAME:	WATERBURY
PROJECT NUMBER:	BF 0284(33)
FILE NAME: ...Drawings\z12c602_bdr pro.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
PROFILE SHEET 1	SHEET 10 OF 56

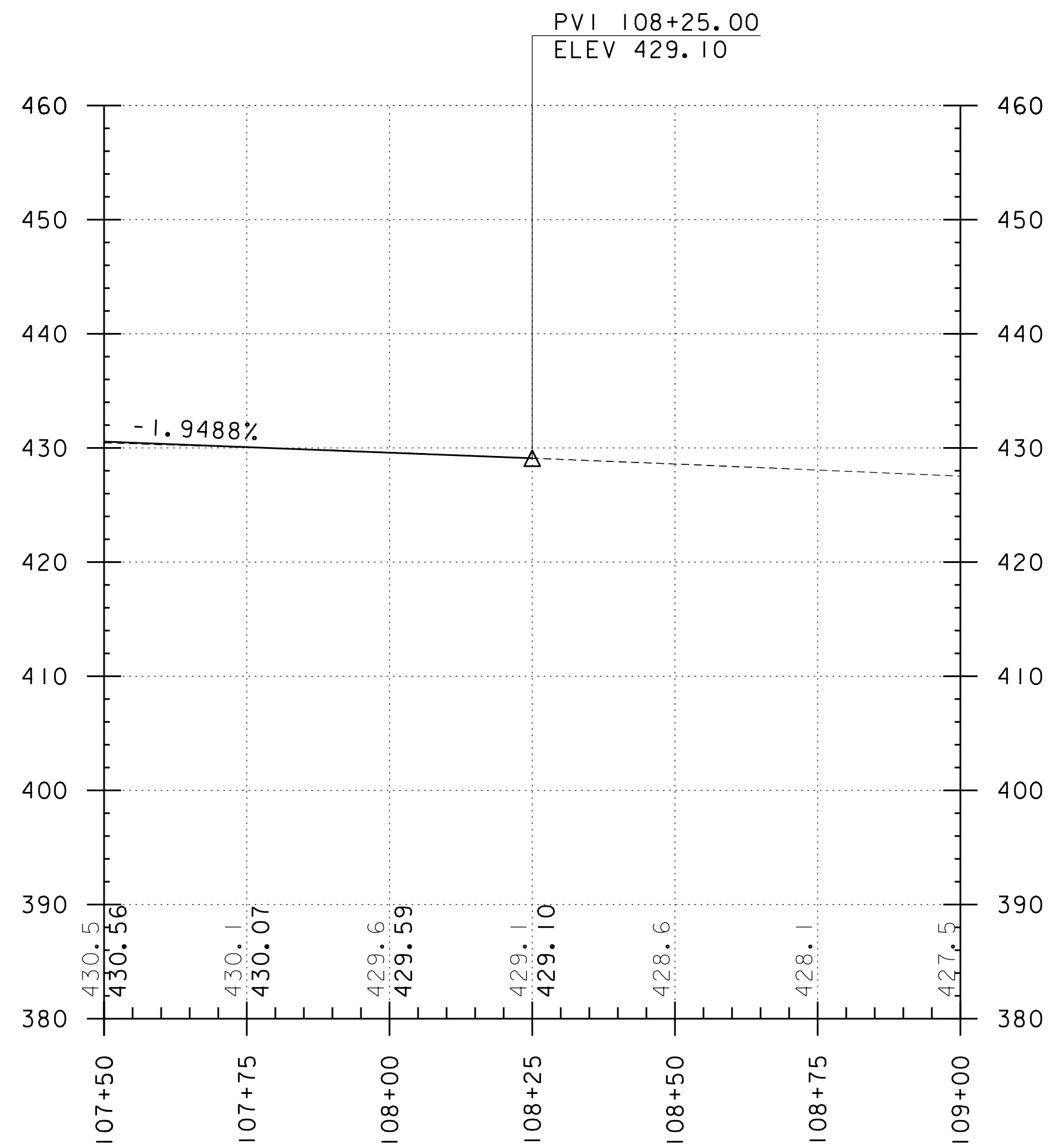


**PROFILE US 2**

HORIZONTAL SCALE 1" = 20' - 0"  
 VERTICAL SCALE 1" = 10' - 0"

NOTE:  
 GRADES SHOWN TO THE NEAREST  
 TENTH ARE EXISTING GROUND ALONG  $\phi$   
 GRADES SHOWN TO THE NEAREST  
 HUNDREDTH ARE FINISH GRADE ALONG  $\phi$

PROJECT NAME:	WATERBURY
PROJECT NUMBER:	BF 0284(33)
FILE NAME: ...Drawings\z12c602_bdr pro.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
PROFILE SHEET 2	SHEET 11 OF 56

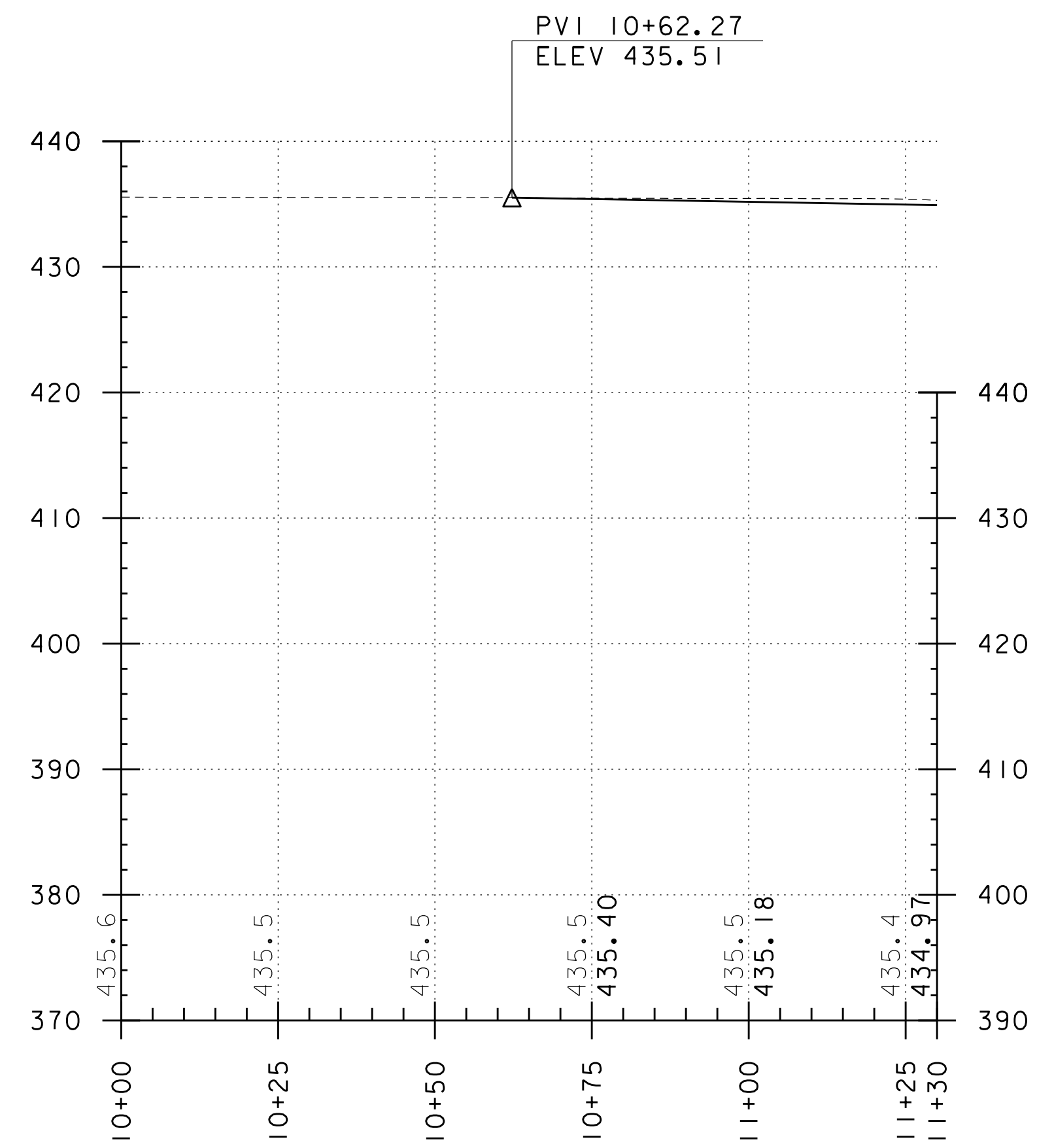


**PROFILE US 2**

HORIZONTAL SCALE 1" = 20'-0"  
 VERTICAL SCALE 1" = 10'-0"

NOTE:  
 GRADES SHOWN TO THE NEAREST  
 TENTH ARE EXISTING GROUND ALONG  $\phi$   
 GRADES SHOWN TO THE NEAREST  
 HUNDREDTH ARE FINISH GRADE ALONG  $\phi$

PROJECT NAME:	WATERBURY		
PROJECT NUMBER:	BF 0284(33)		
FILE NAME:	...\\Drawings\z12c602_bdr	prod.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER:	M. EVANS-MONGEON	DRAWN BY:	G. CANTAVE
DESIGNED BY:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
PROFILE SHEET 3		SHEET	12 OF 56

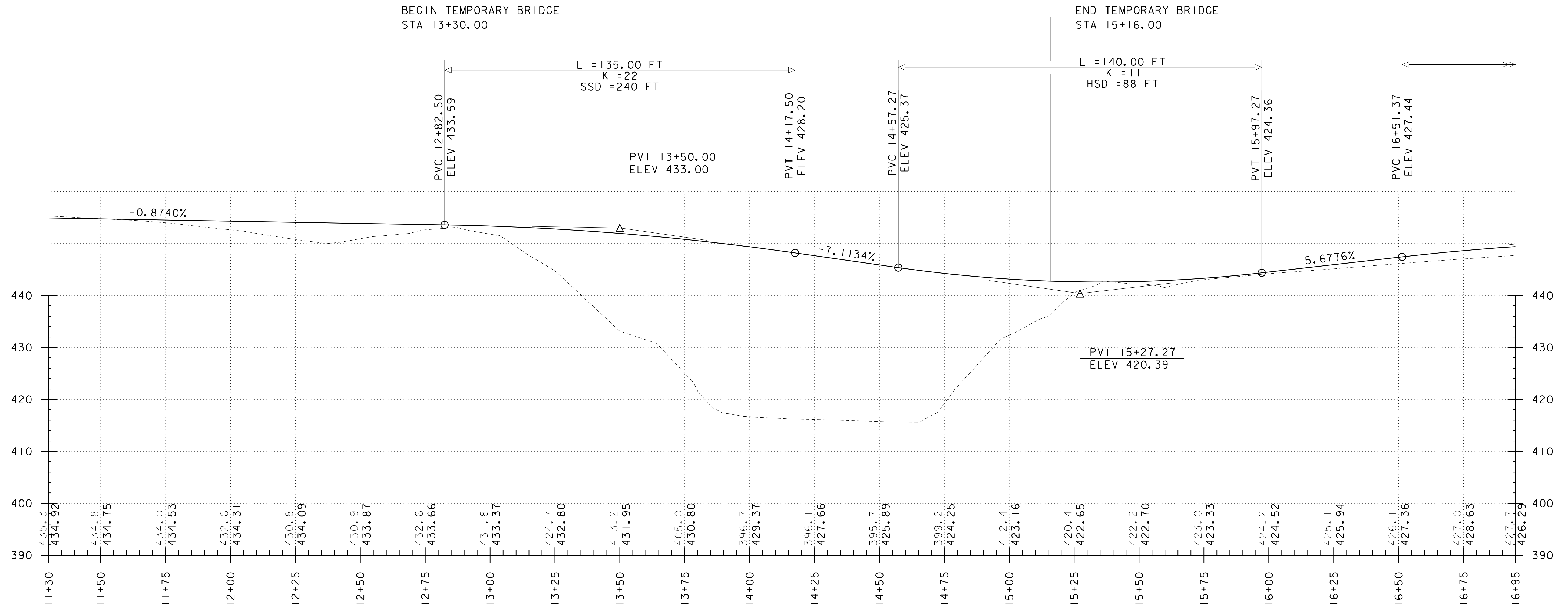


**US 2 TEMPORARY DETOUR PROFILE**

HORIZONTAL SCALE 1" = 20'-0"  
 VERTICAL SCALE 1" = 10'-0"

NOTE:  
 GRADES SHOWN TO THE NEAREST  
 TENTH ARE EXISTING GROUND ALONG  $\text{\textcircled{C}}$   
 GRADES SHOWN TO THE NEAREST  
 HUNDREDTH ARE FINISH GRADE ALONG  $\text{\textcircled{C}}$

PROJECT NAME:	WATERBURY
PROJECT NUMBER:	BF 0284(33)
FILE NAME: ...Drawings\z12c602_bdr pro.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
PROFILE SHEET 4	SHEET 13 OF 56

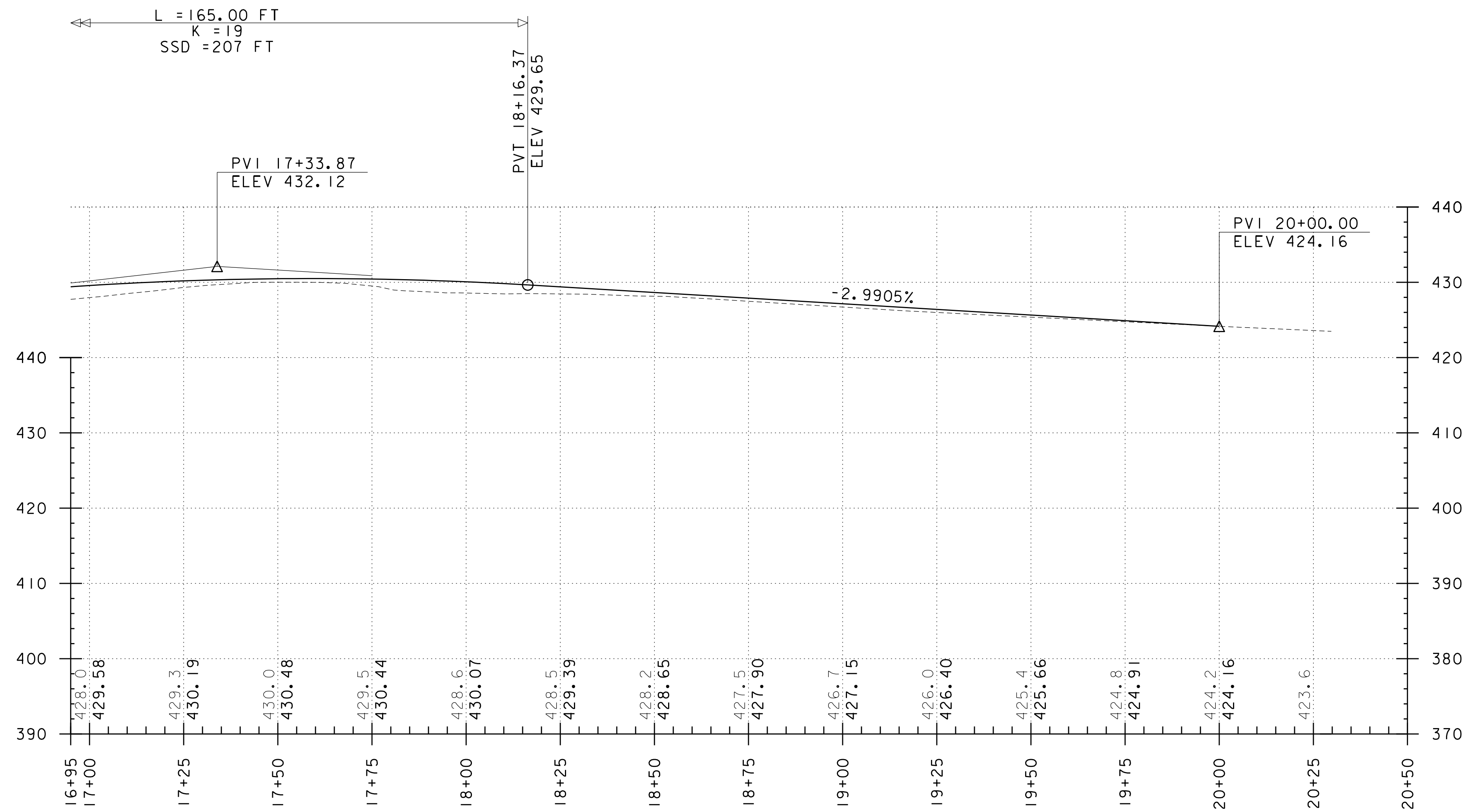


**US 2 TEMPORARY DETOUR PROFILE**

HORIZONTAL SCALE 1" = 20' - 0"  
 VERTICAL SCALE 1" = 10' - 0"

NOTE:  
 GRADES SHOWN TO THE NEAREST  
 TENTH ARE EXISTING GROUND ALONG CL  
 GRADES SHOWN TO THE NEAREST  
 HUNDREDTH ARE FINISH GRADE ALONG CL

PROJECT NAME:	WATERBURY		
PROJECT NUMBER:	BF 0284(33)		
FILE NAME:	...\\Drawings\z12c602_bdr	prod	PLOT DATE: 11/17/2020
PROJECT LEADER:	M. EVANS-MONGEON	DRAWN BY:	G. CANTAVE
DESIGNED BY:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
PROFILE SHEET 5		SHEET	14 OF 56

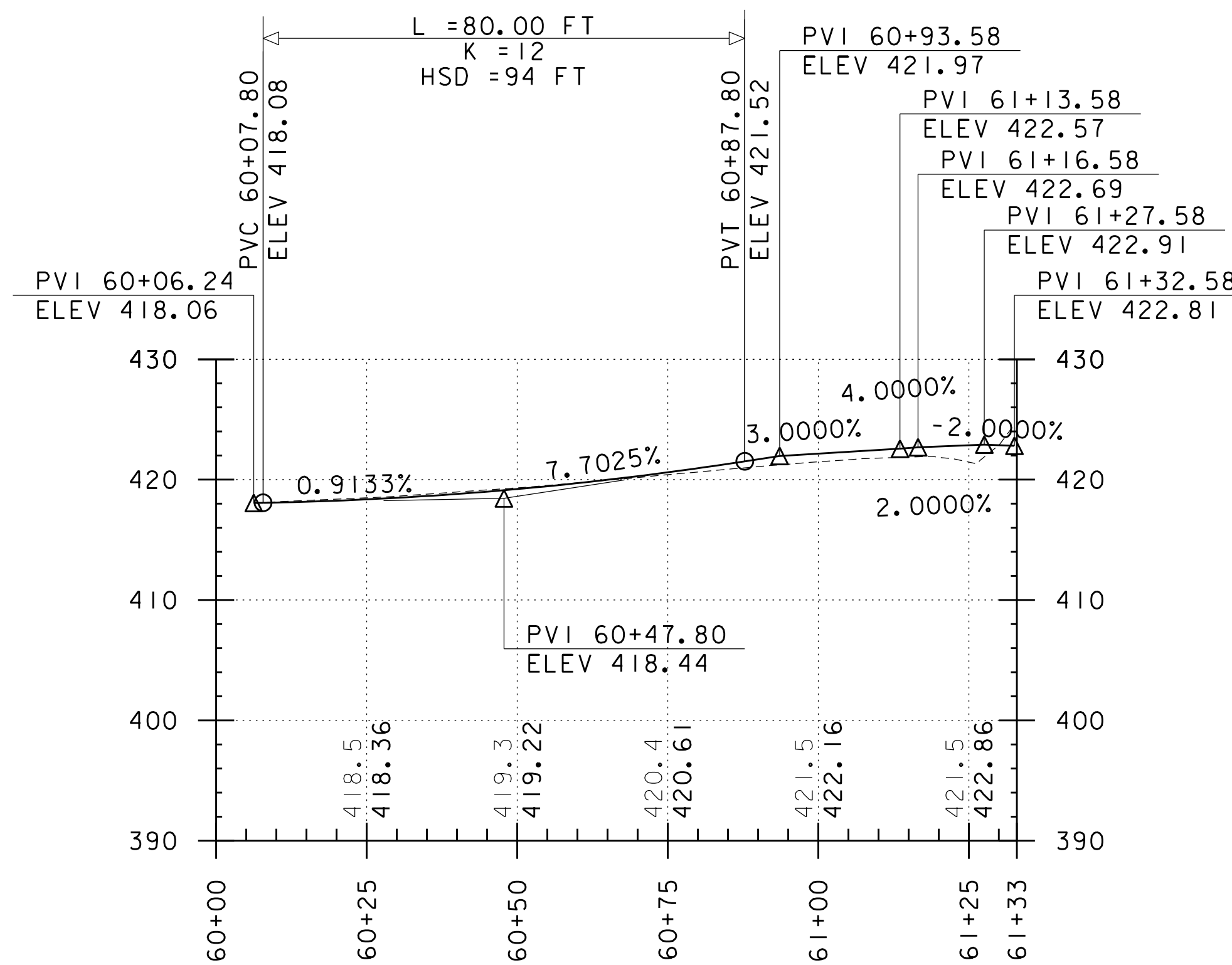


**US 2 TEMPORARY DETOUR PROFILE**

HORIZONTAL SCALE 1" = 20' - 0"  
 VERTICAL SCALE 1" = 10' - 0"

NOTE:  
 GRADES SHOWN TO THE NEAREST  
 TENTH ARE EXISTING GROUND ALONG  $\phi$   
 GRADES SHOWN TO THE NEAREST  
 HUNDREDTH ARE FINISH GRADE ALONG  $\phi$

PROJECT NAME:	WATERBURY
PROJECT NUMBER:	BF 0284(33)
FILE NAME: ...\\Drawings\z12c602_bdr pro.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
PROFILE SHEET 6	SHEET 15 OF 56



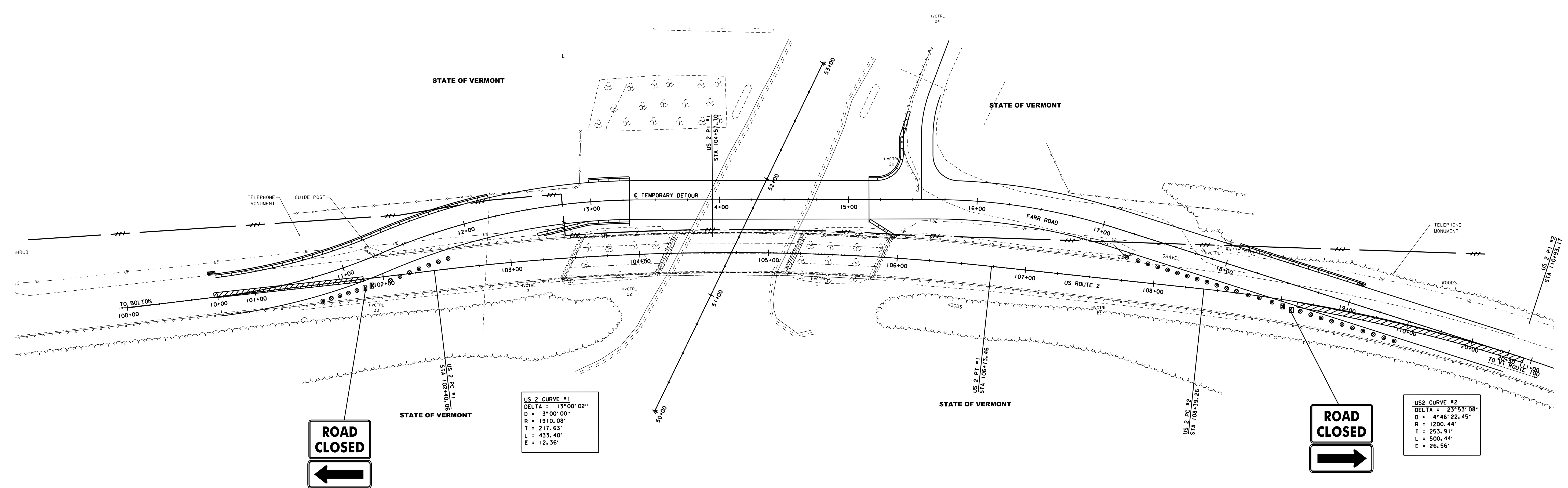
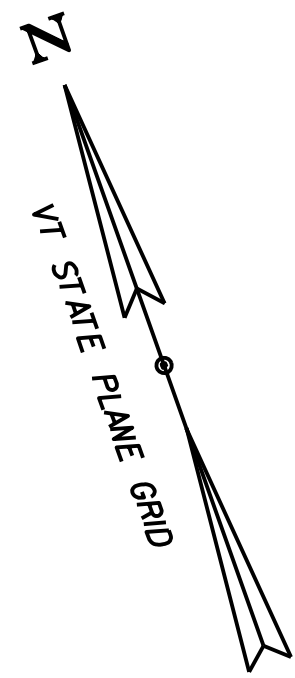
**FARR ROAD TEMPORARY DETOUR PROFILE**

HORIZONTAL SCALE 1" = 20' - 0"  
 VERTICAL SCALE 1" = 10' - 0"

NOTE:  
 GRADES SHOWN TO THE NEAREST  
 TENTH ARE EXISTING GROUND ALONG CL  
 GRADES SHOWN TO THE NEAREST  
 HUNDREDTH ARE FINISH GRADE ALONG CL

PROJECT NAME:	WATERBURY
PROJECT NUMBER:	BF 0284(33)
FILE NAME: ...\\Drawings\z12c602_bdr pro.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
PROFILE SHEET 7	SHEET 16 OF 56

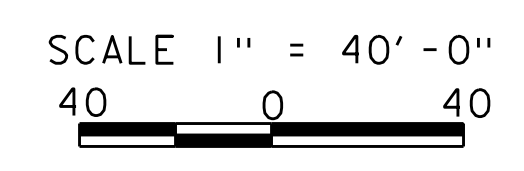




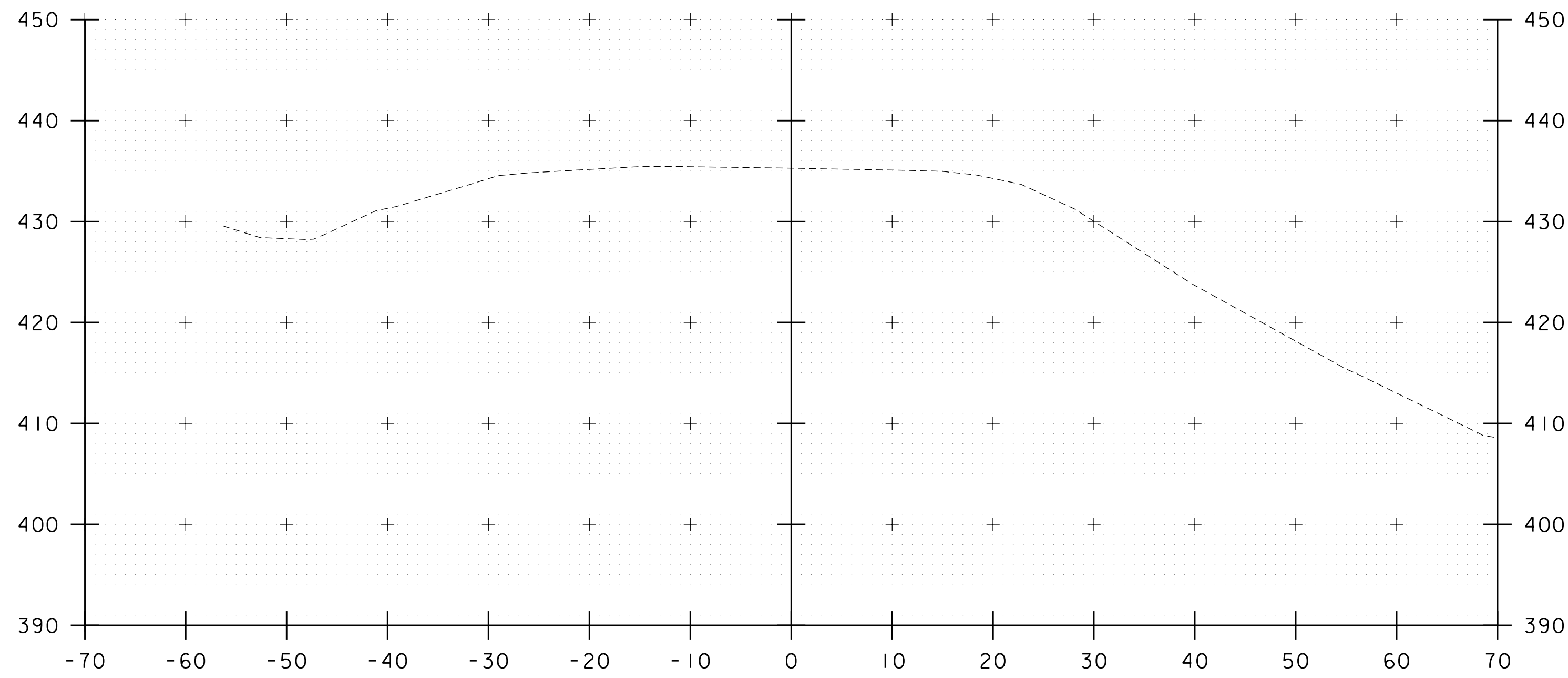
TRAFFIC CONTROL PLAN

LEGEND

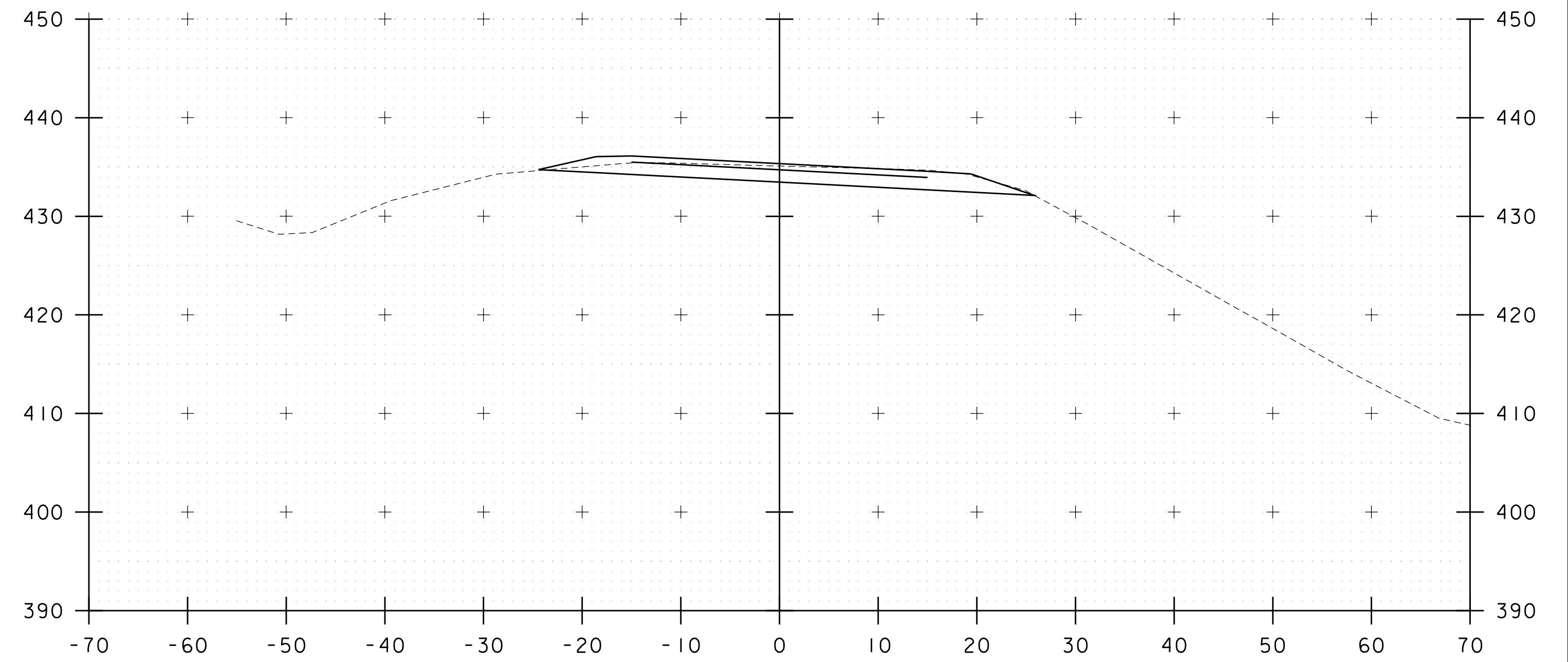
- TYPE III BARRICADES
- TEMPORARY BARRIER
- PAVEMENT MARKING REMOVAL
- ATTENUATOR



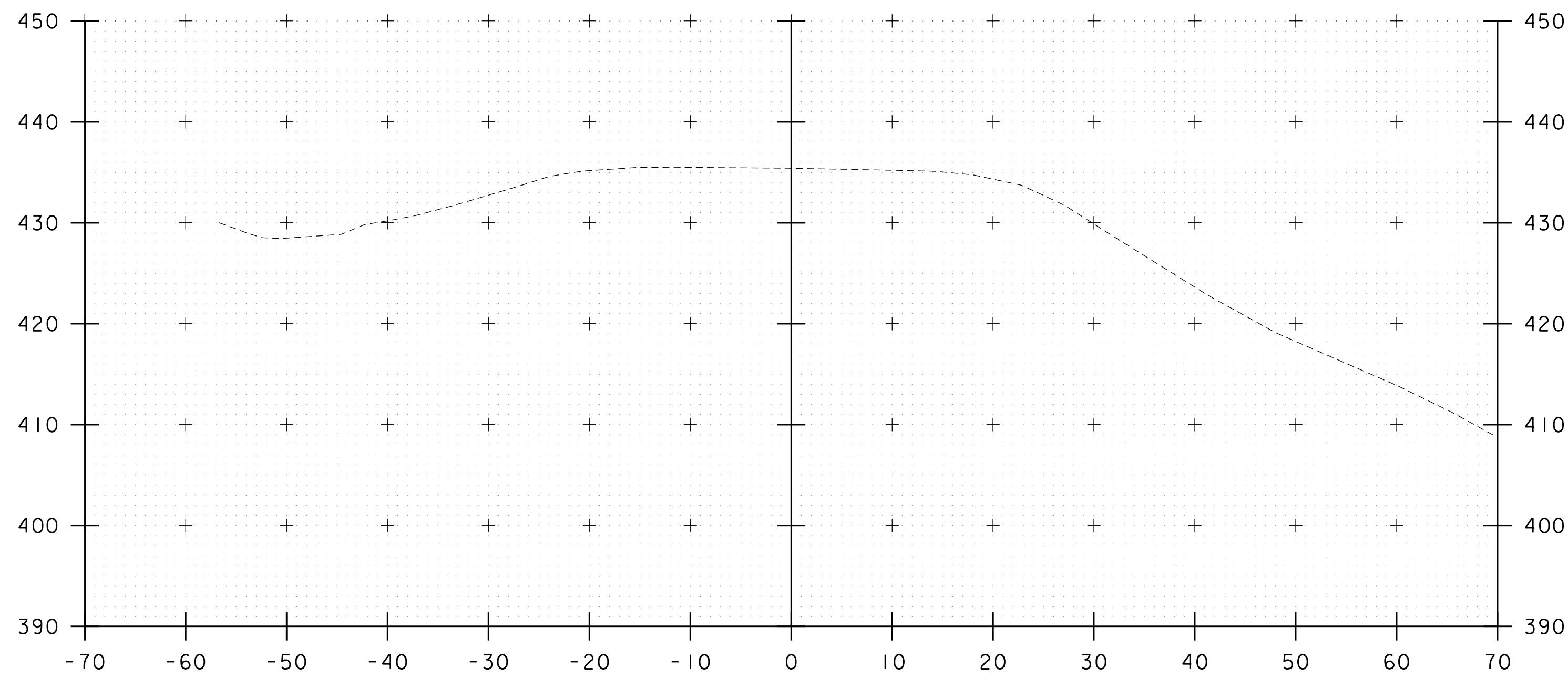
PROJECT NAME:	WATERBURY	PLOT DATE:	11/17/2020
PROJECT NUMBER:	BF 0284(33)	DRAWN BY:	G. CANTAVE
FILE NAME:	...\\Drawings\z12c602_tcp.dgn	CHECKED BY:	J. HALL
PROJECT LEADER:	M. EVANS-MONGEON	TRAFFIC CONTROL PLAN	SHEET 17 OF 56



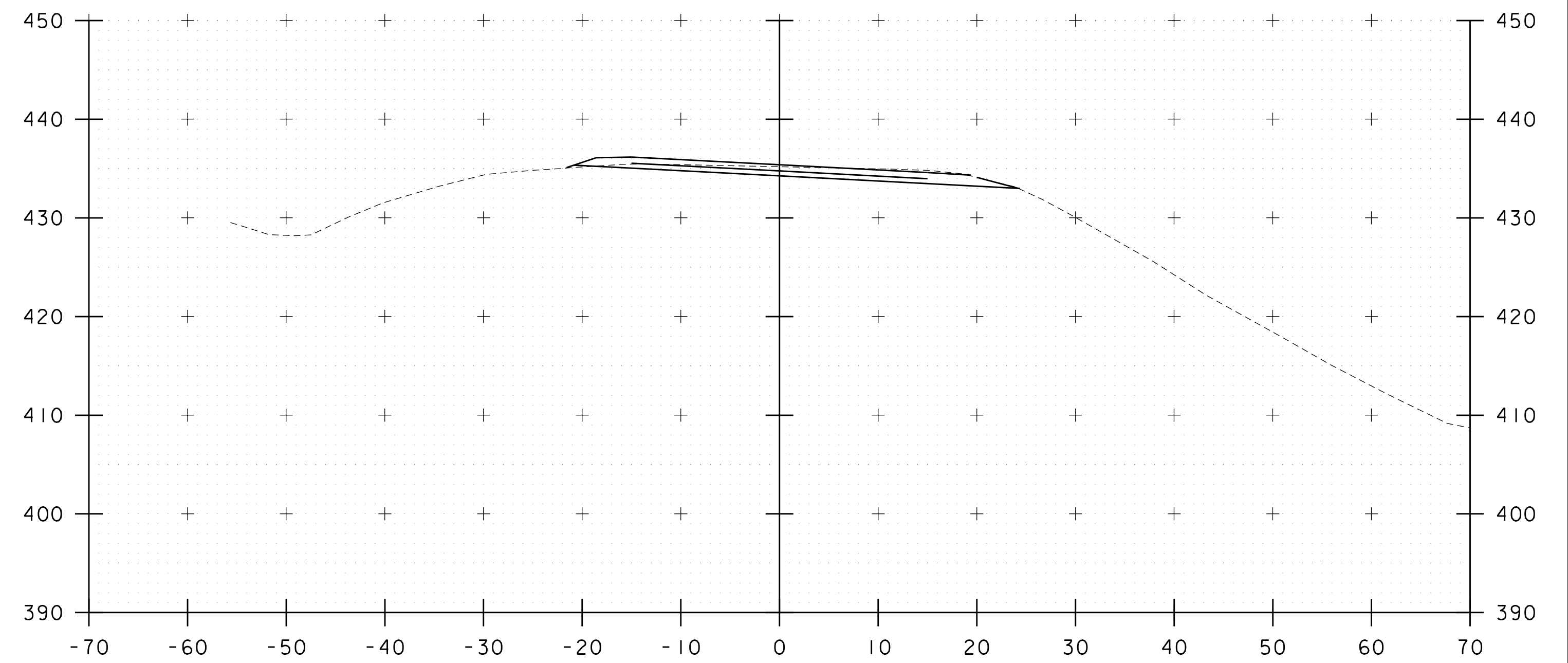
101+75



102+25



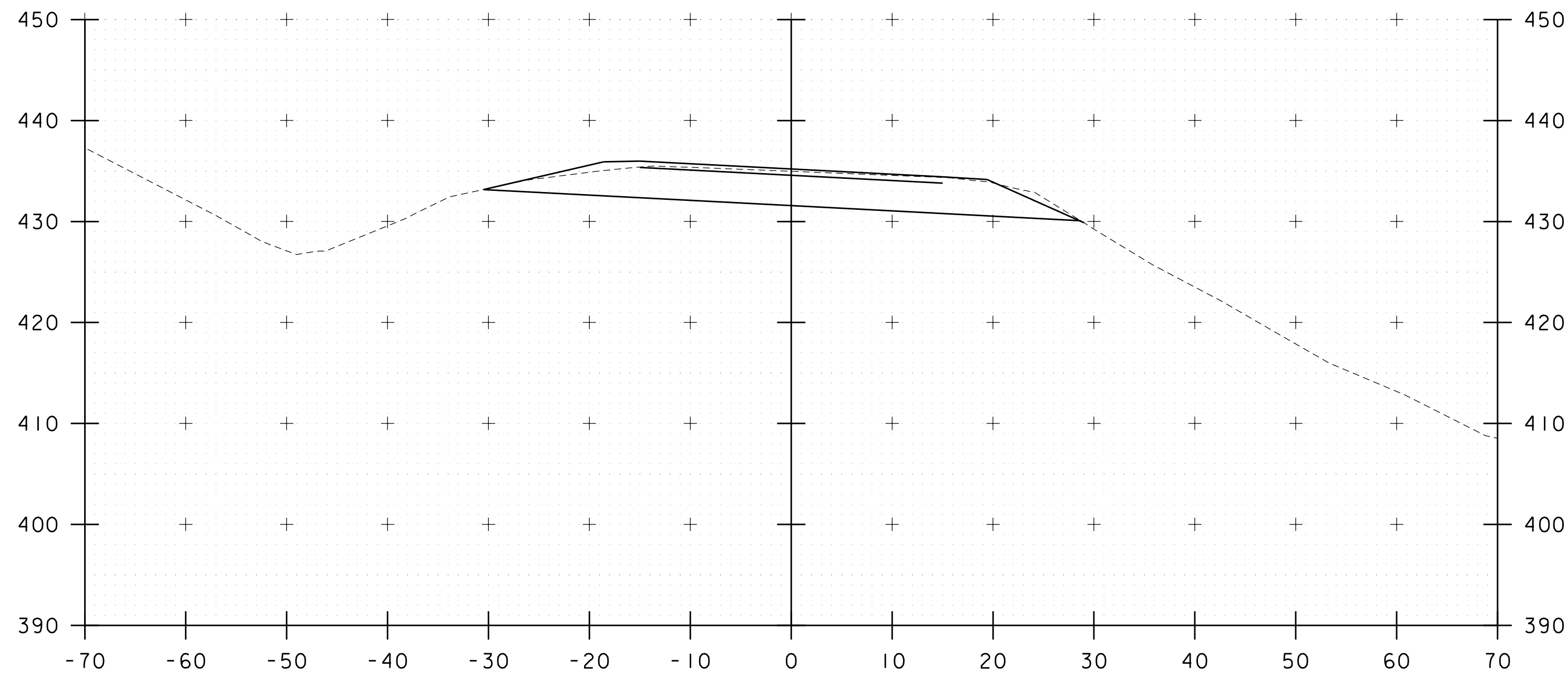
101+50



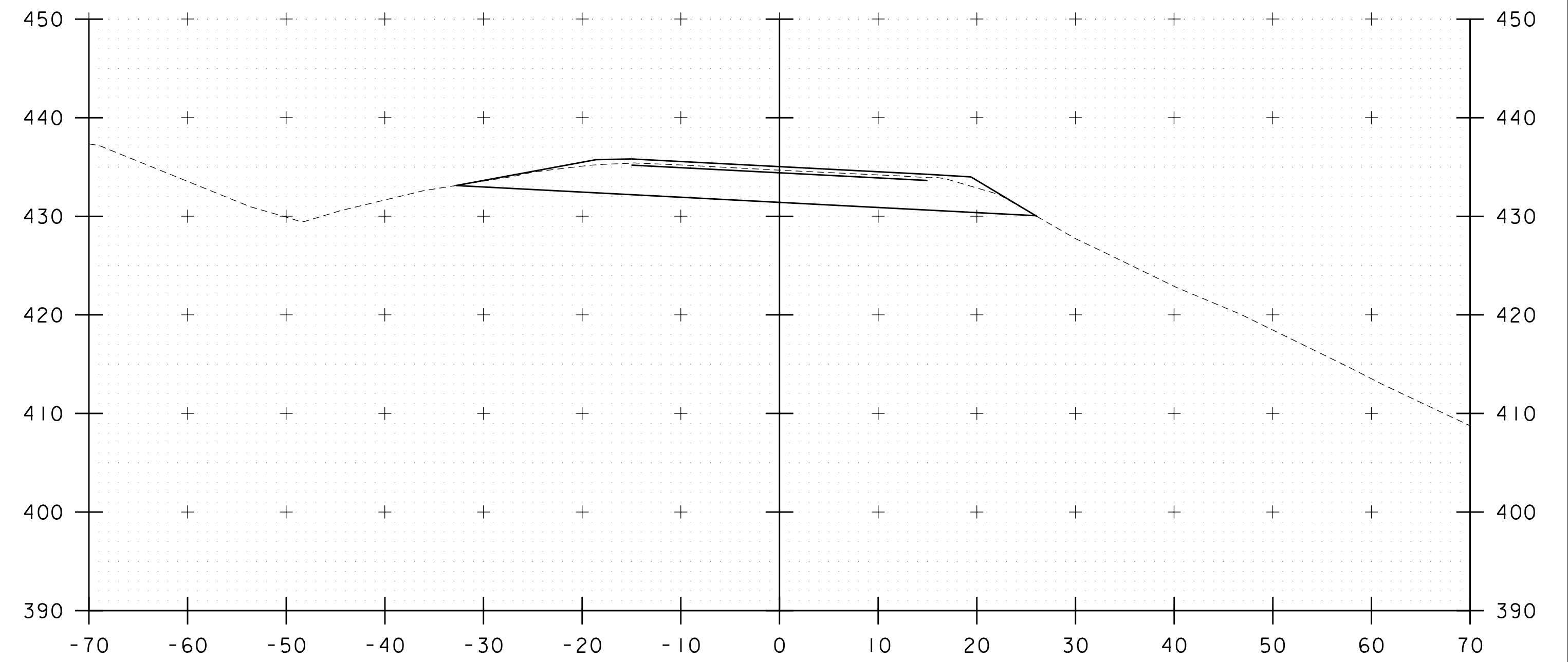
102+00

STA. 101+50 TO STA. 102+25

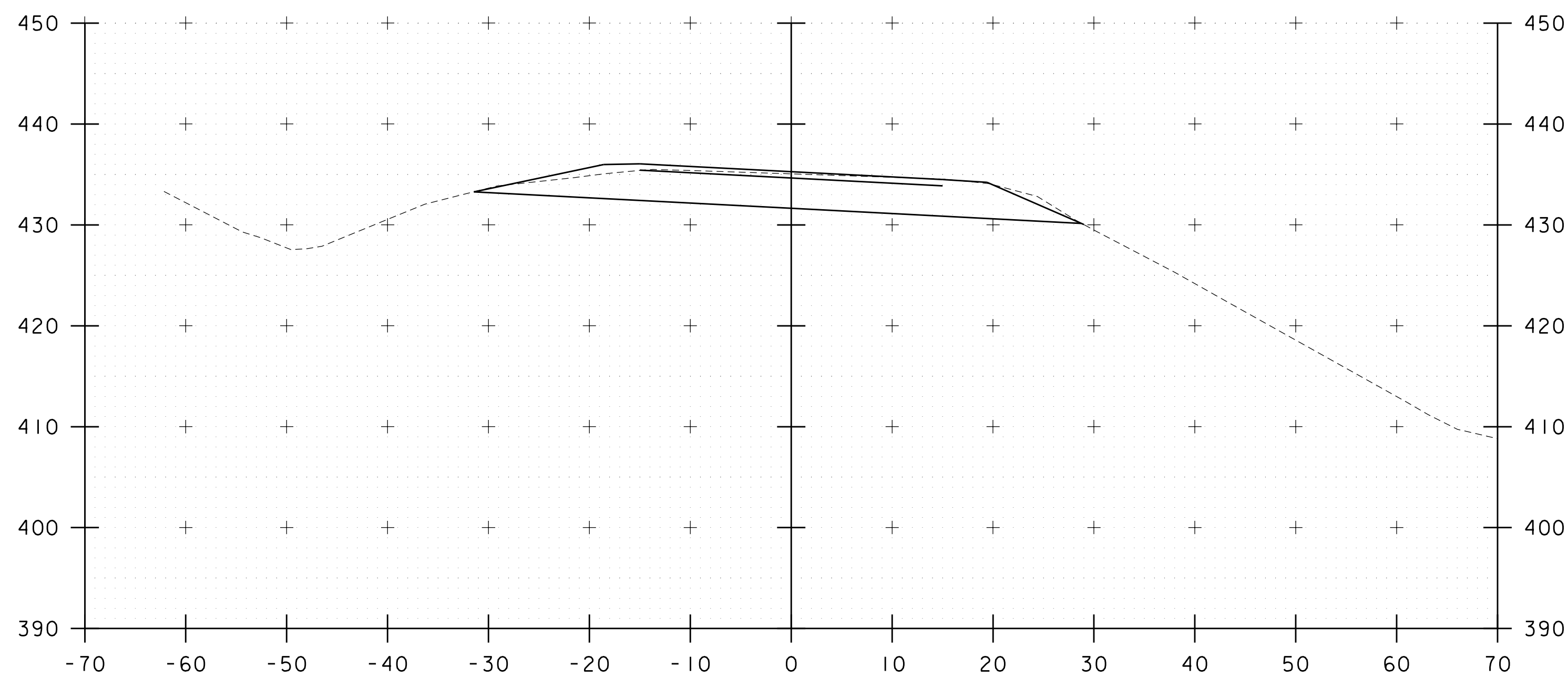
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 1	SHEET 18 OF 56



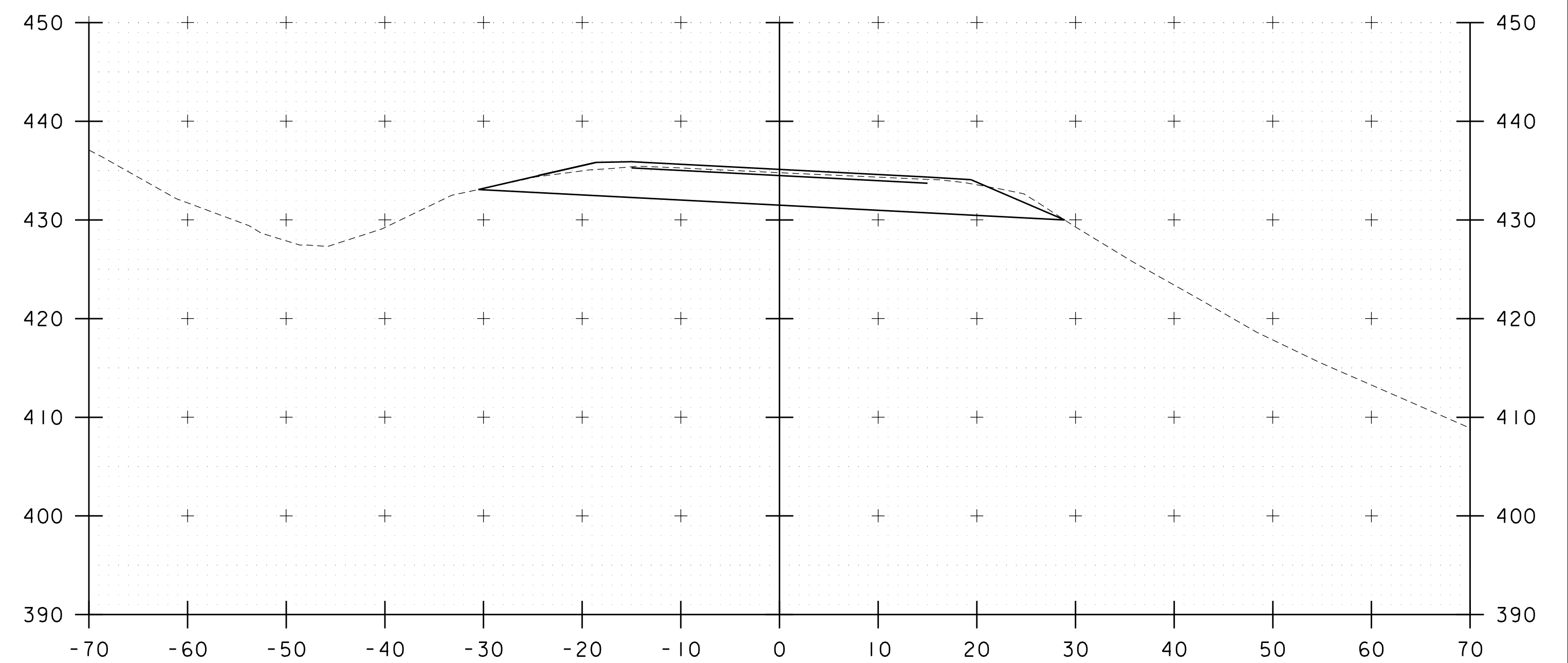
102+75



103+25



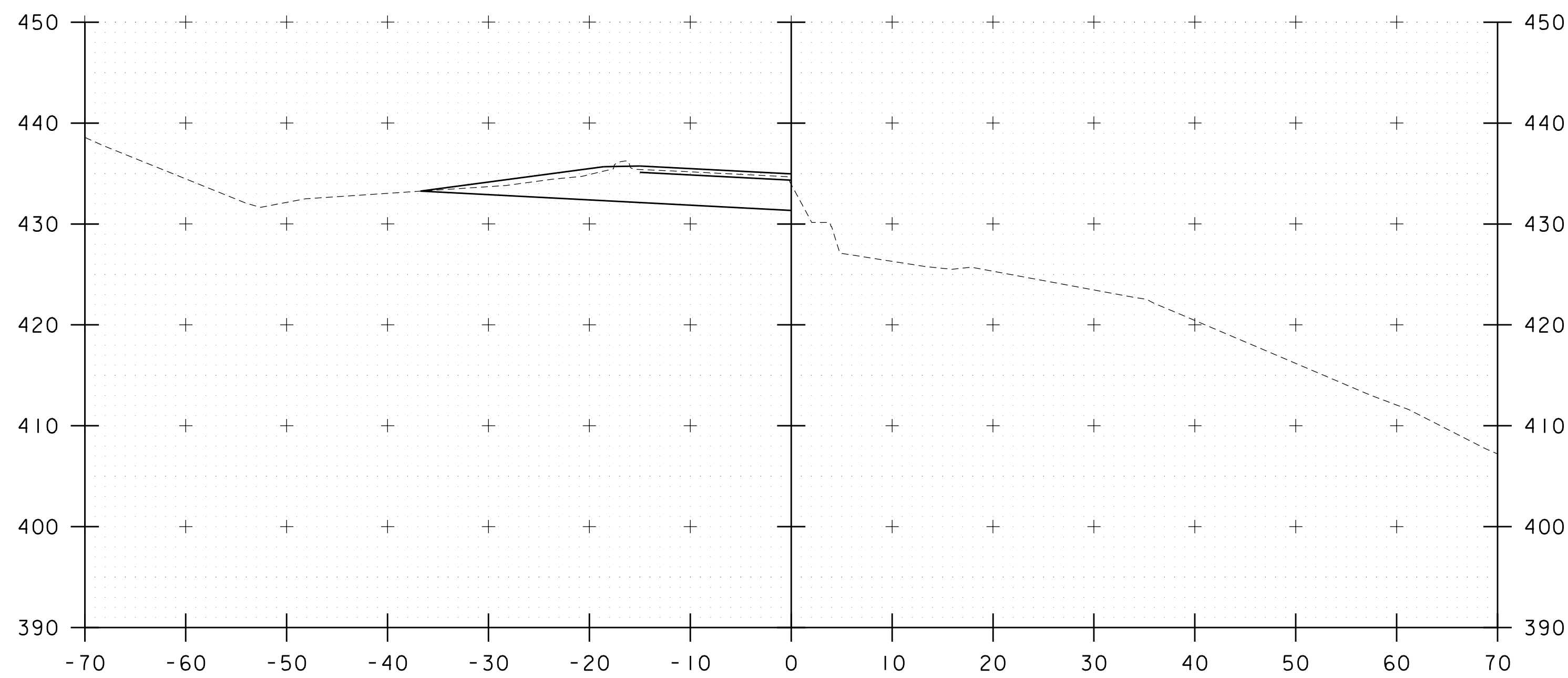
102+50



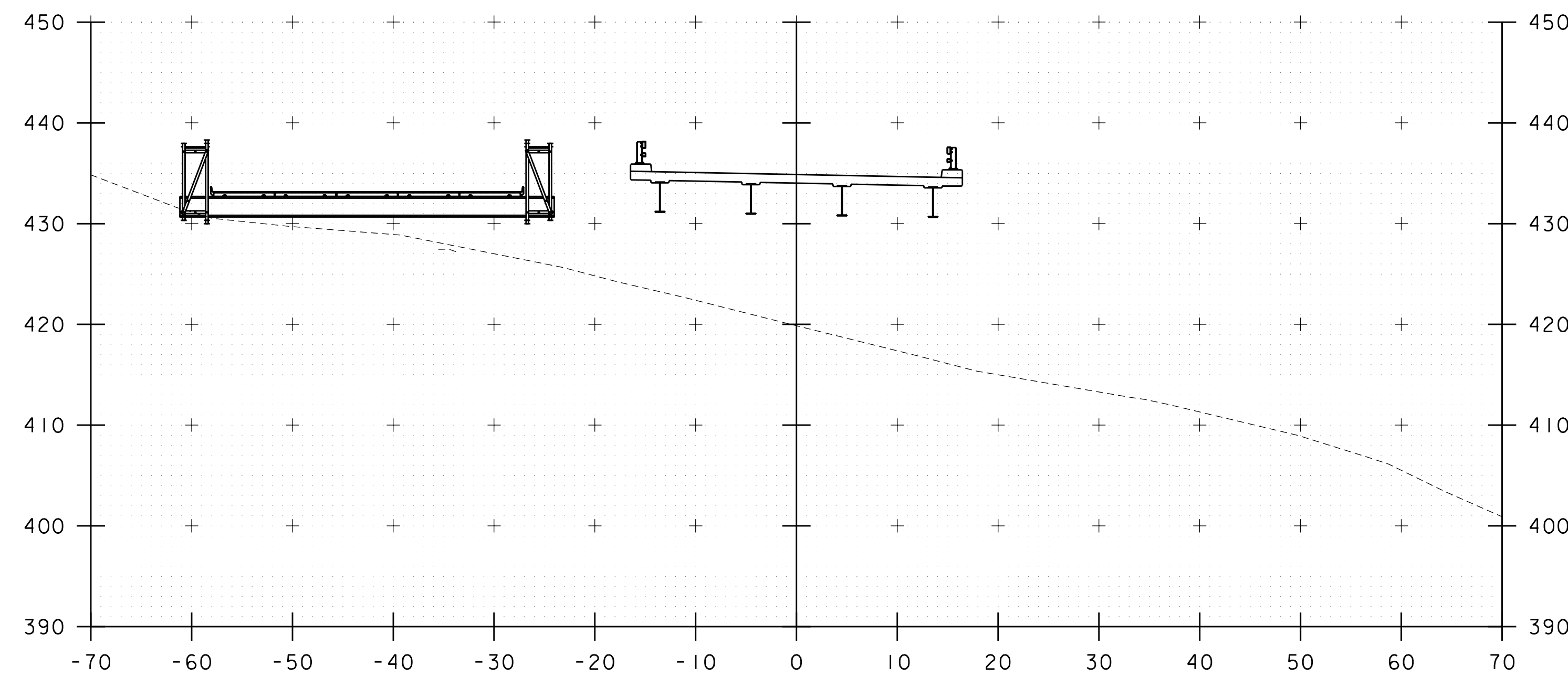
103+00

STA. 102+50 TO STA. 103+25

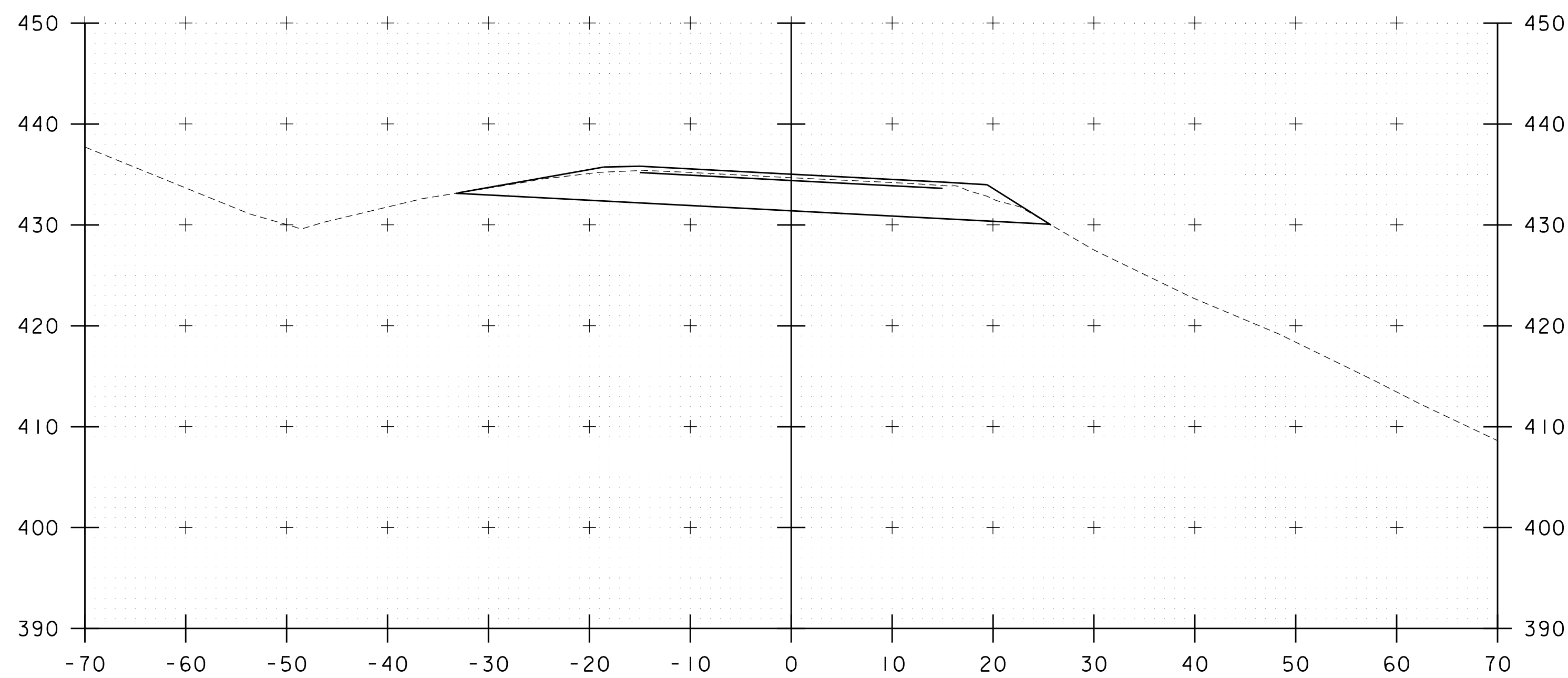
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 2	SHEET 19 OF 56



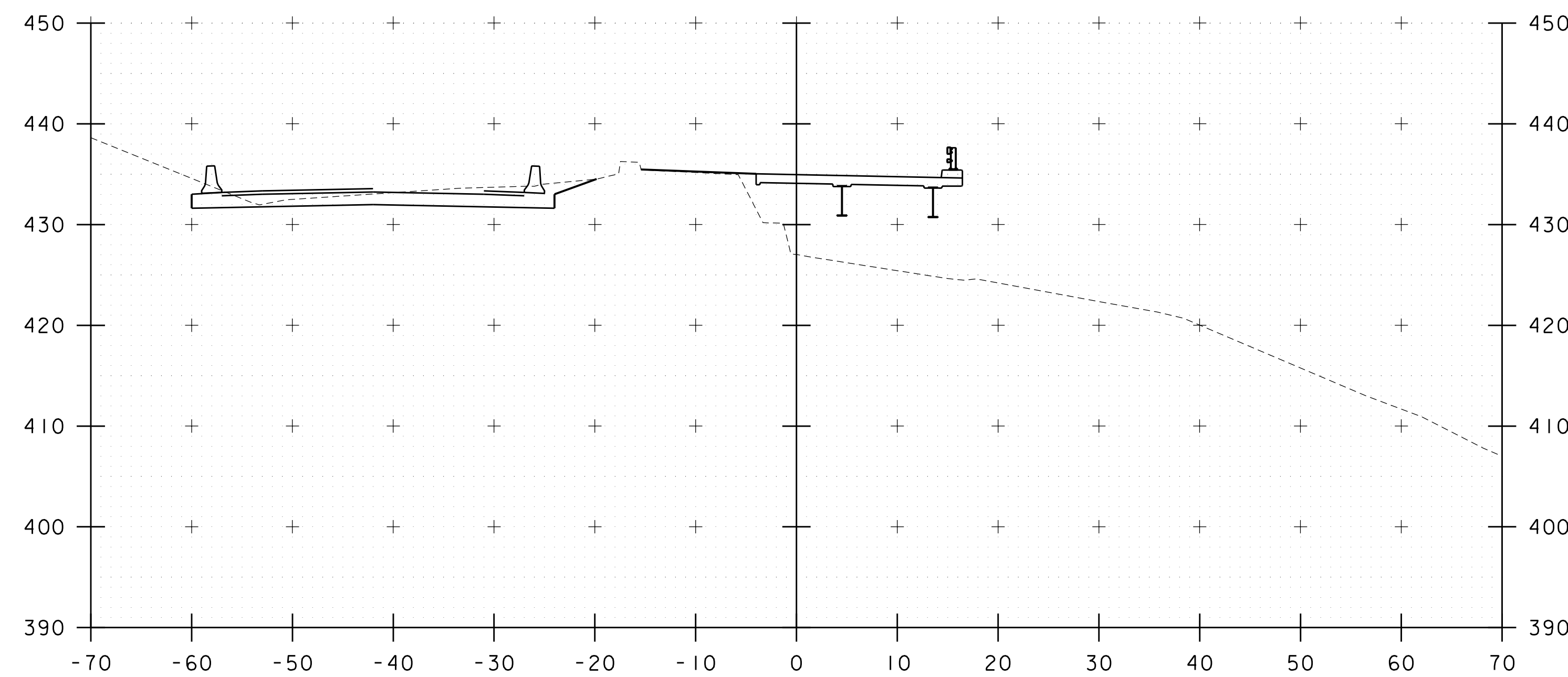
103+47



103+75



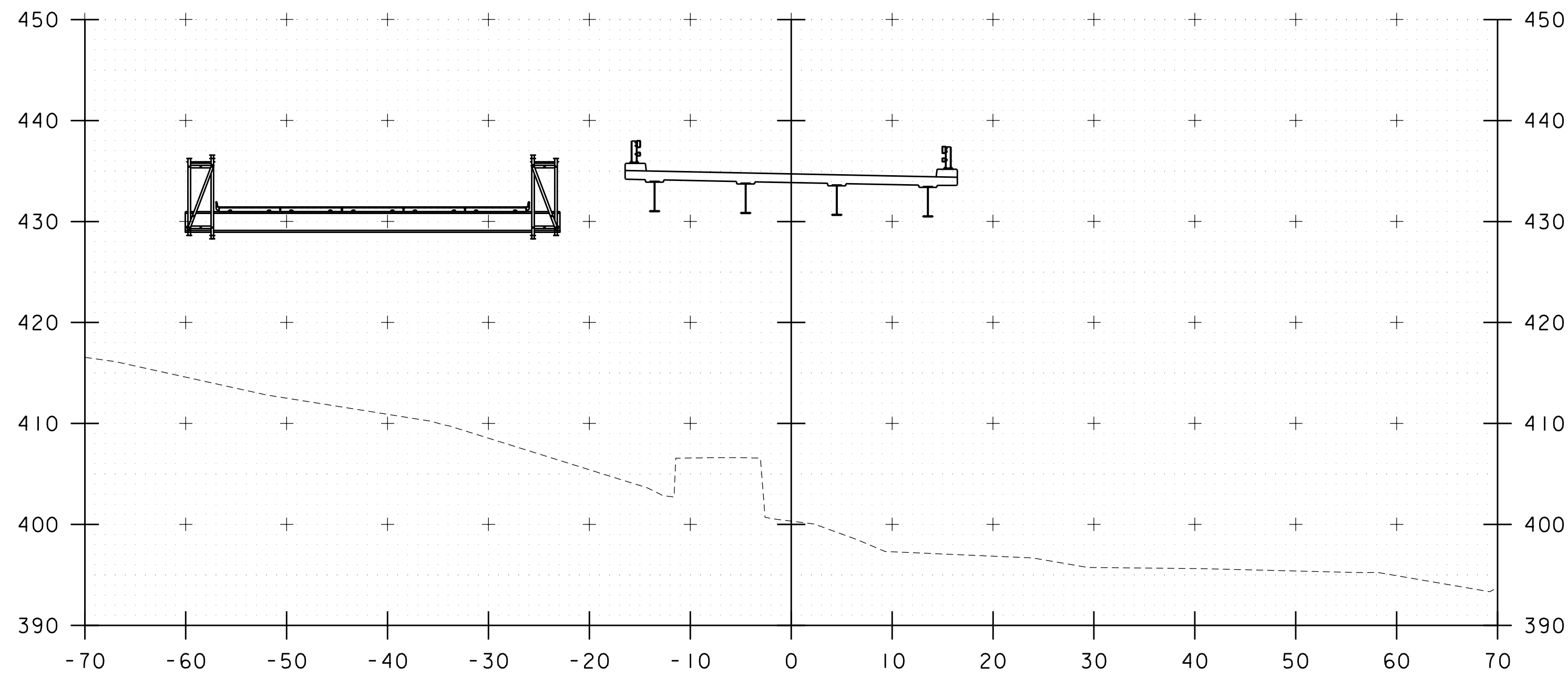
103+27



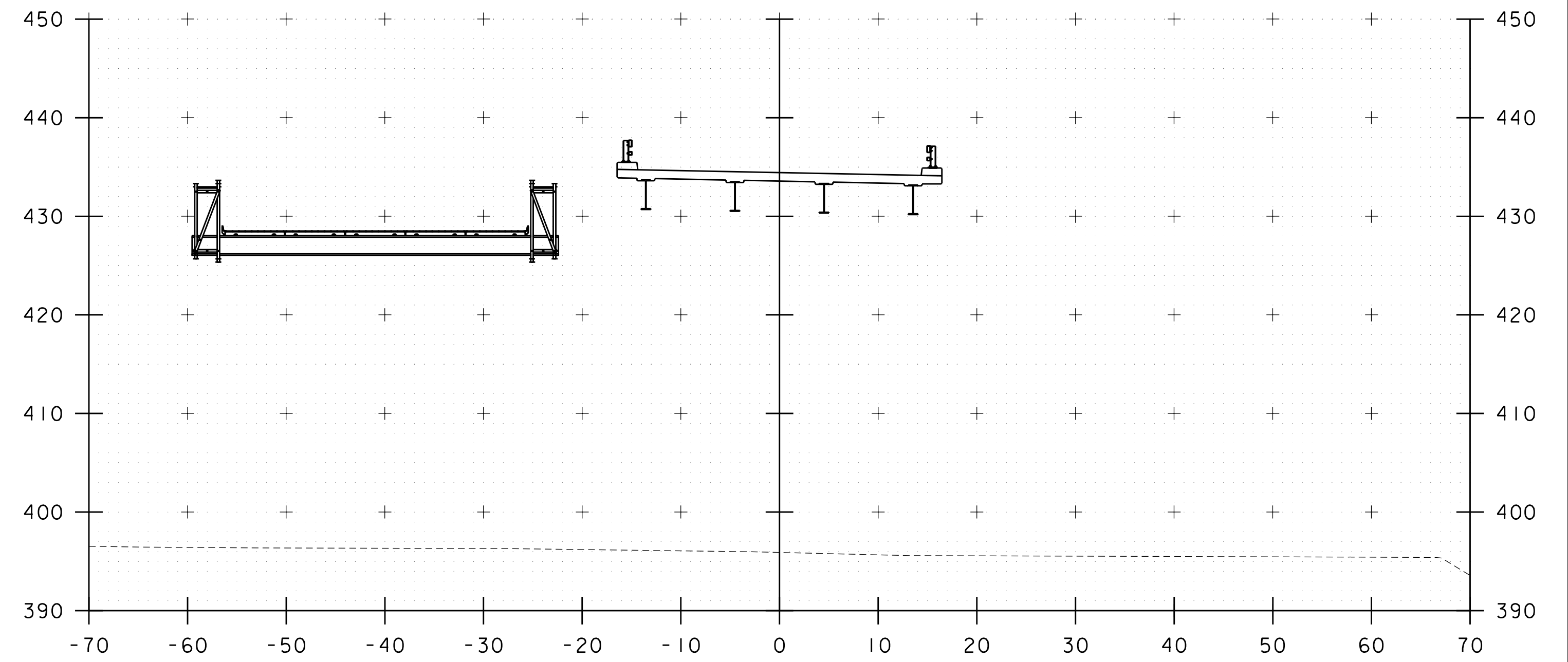
103+50

STA. 103+27 TO STA. 103+75

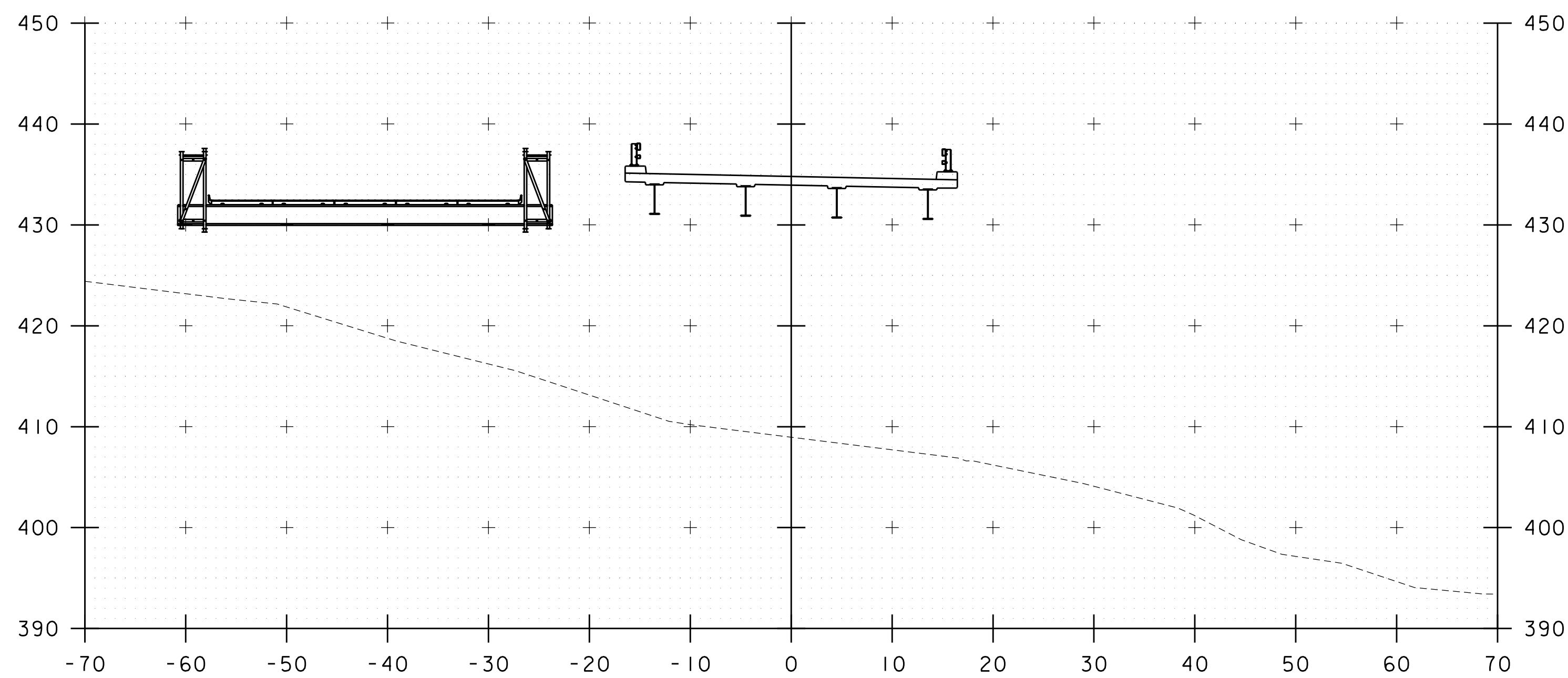
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 3	SHEET 20 OF 56



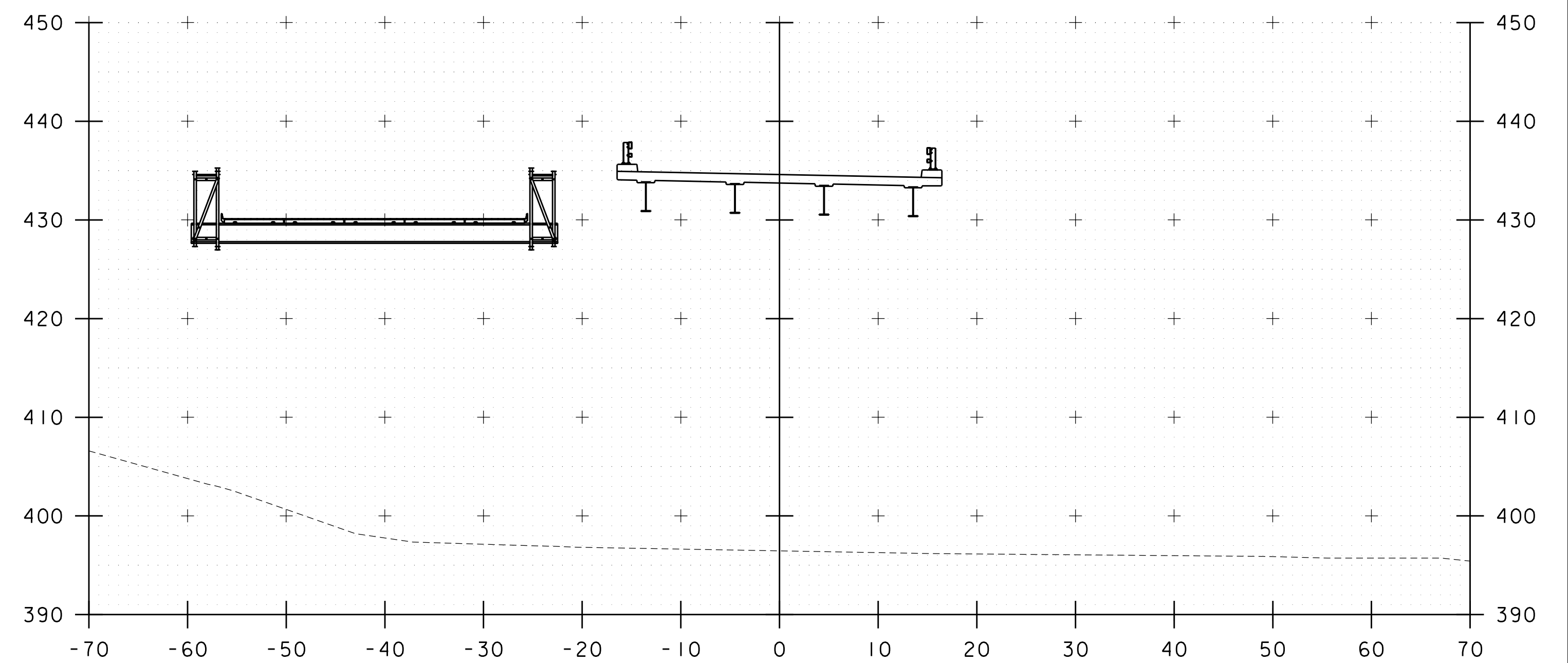
104+25



104+75



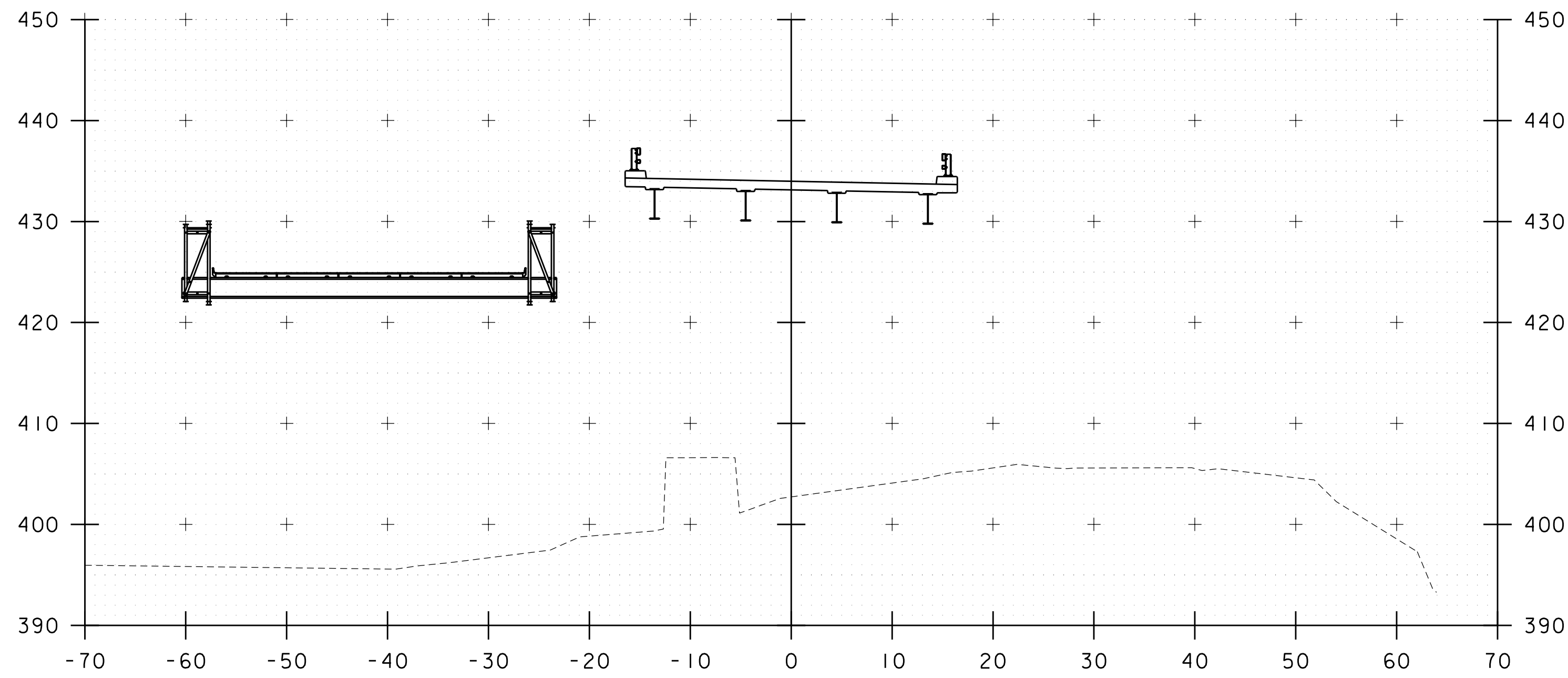
104+00



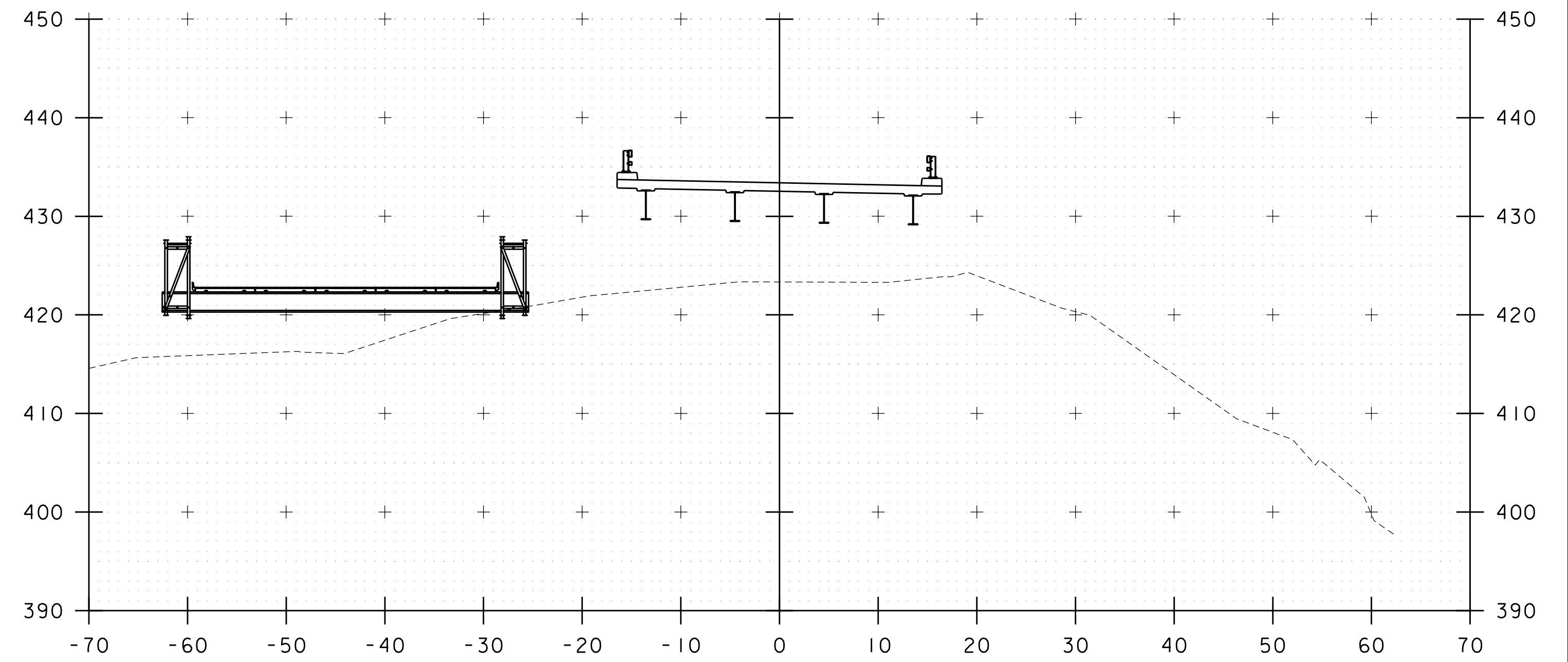
104+50

STA. 104+00 TO STA. 104+75

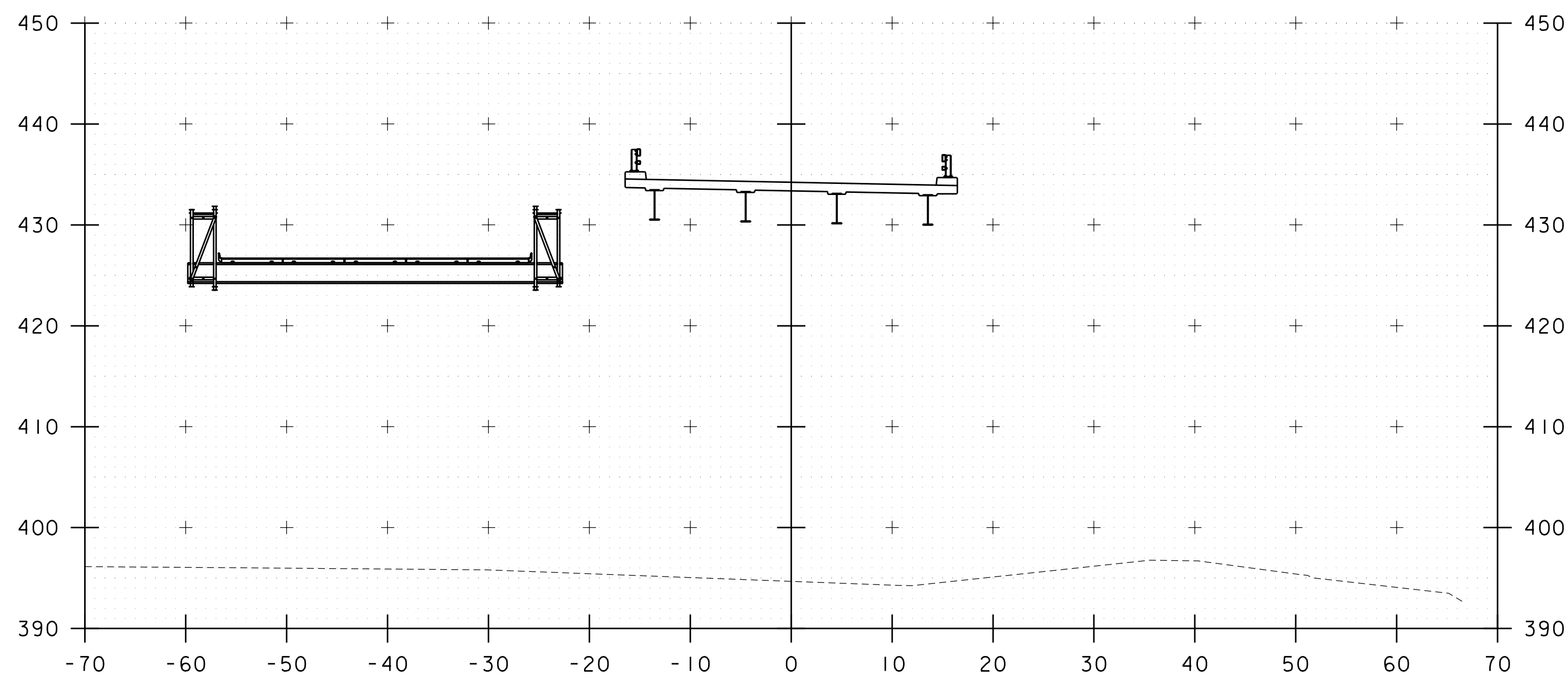
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 4	SHEET 21 OF 56



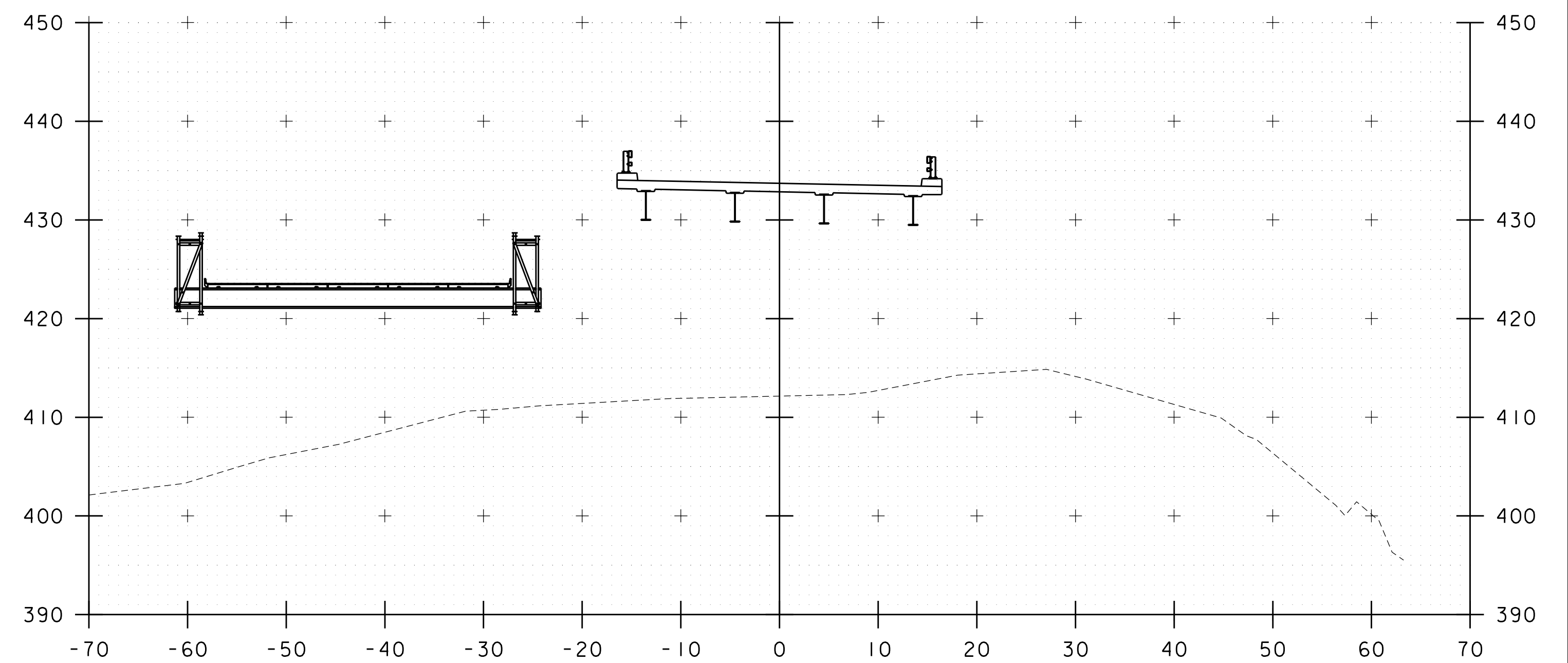
105+25



105+75



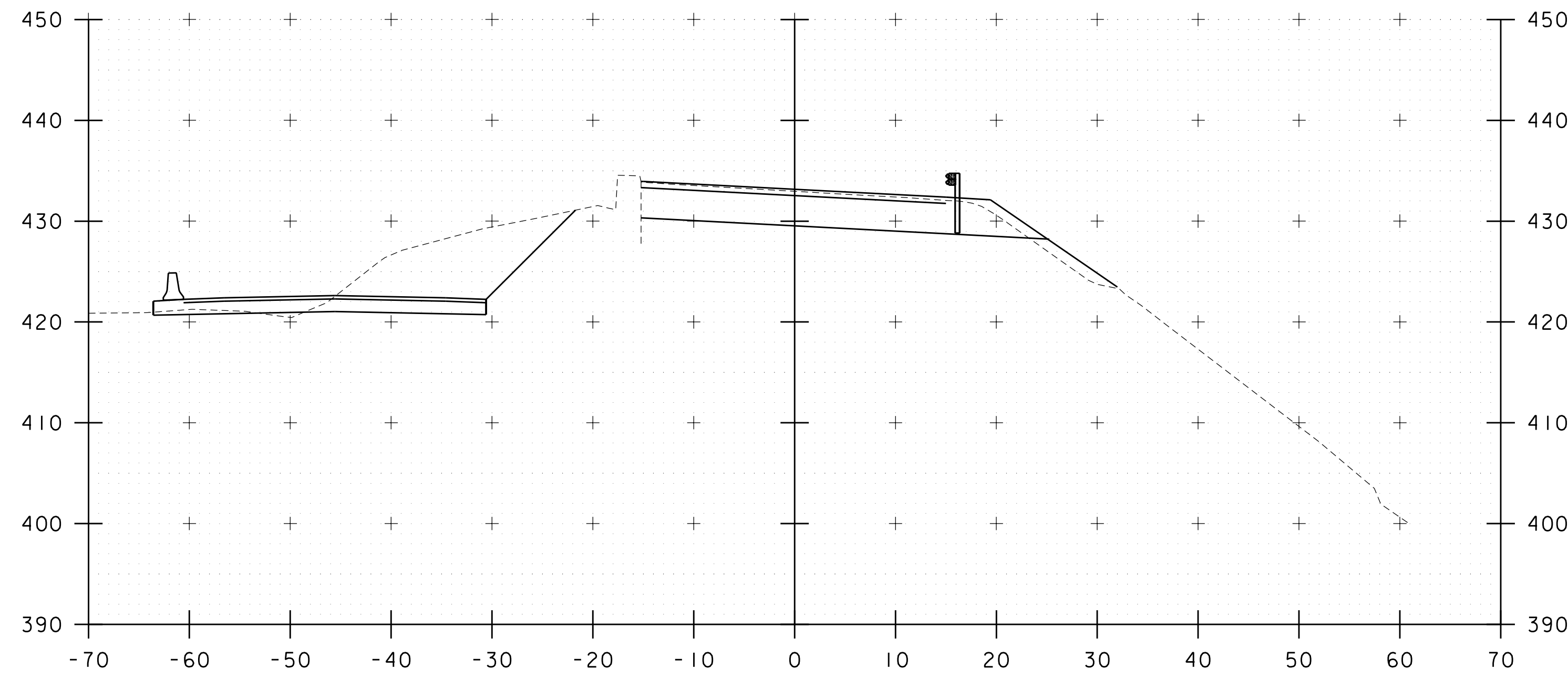
105+00



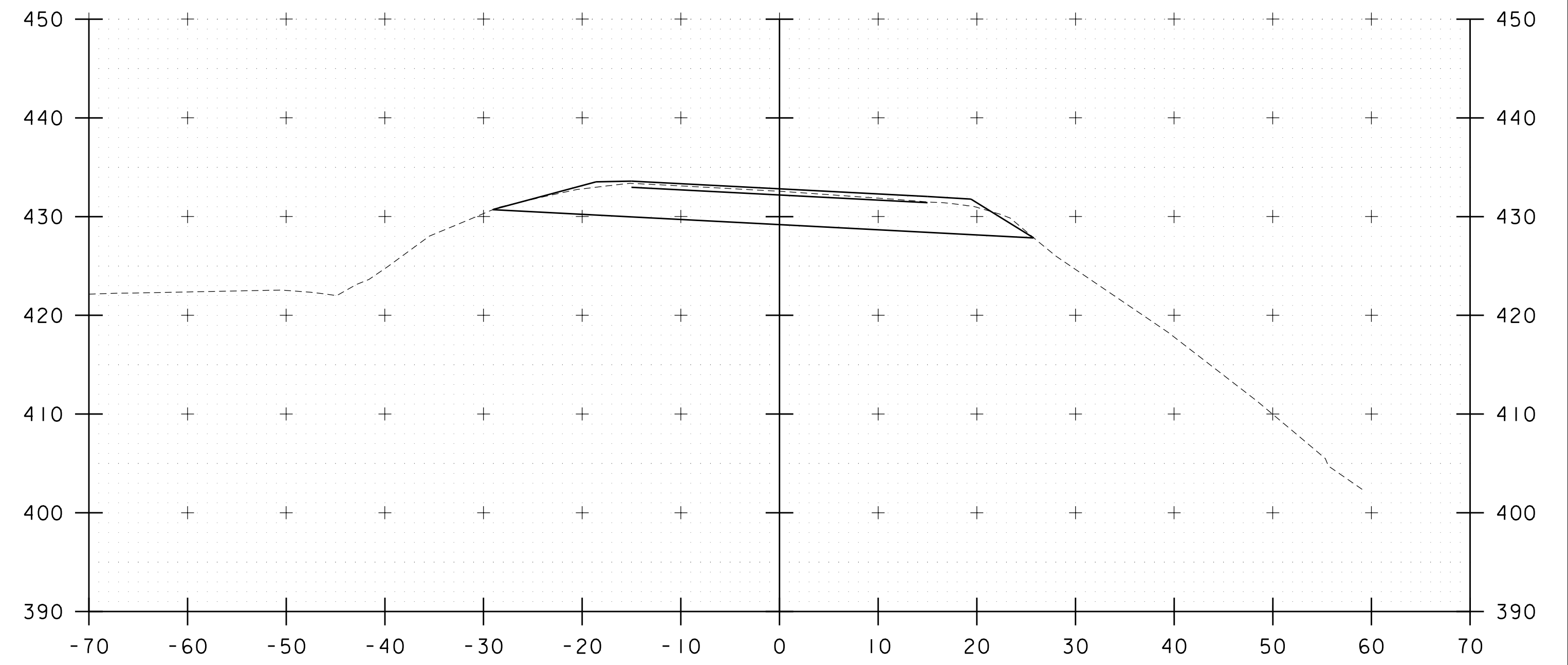
105+50

STA. 105+00 TO STA. 105+75

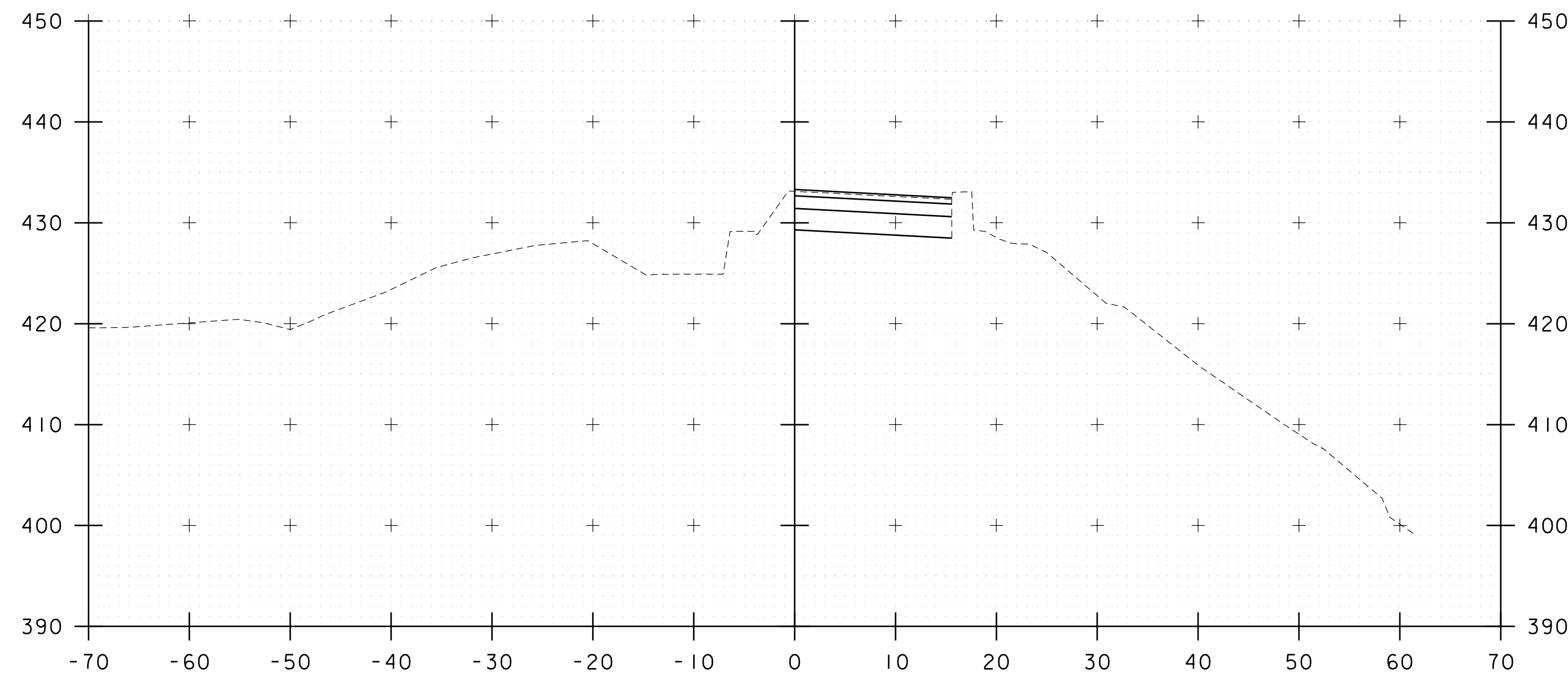
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 5	SHEET 22 OF 56



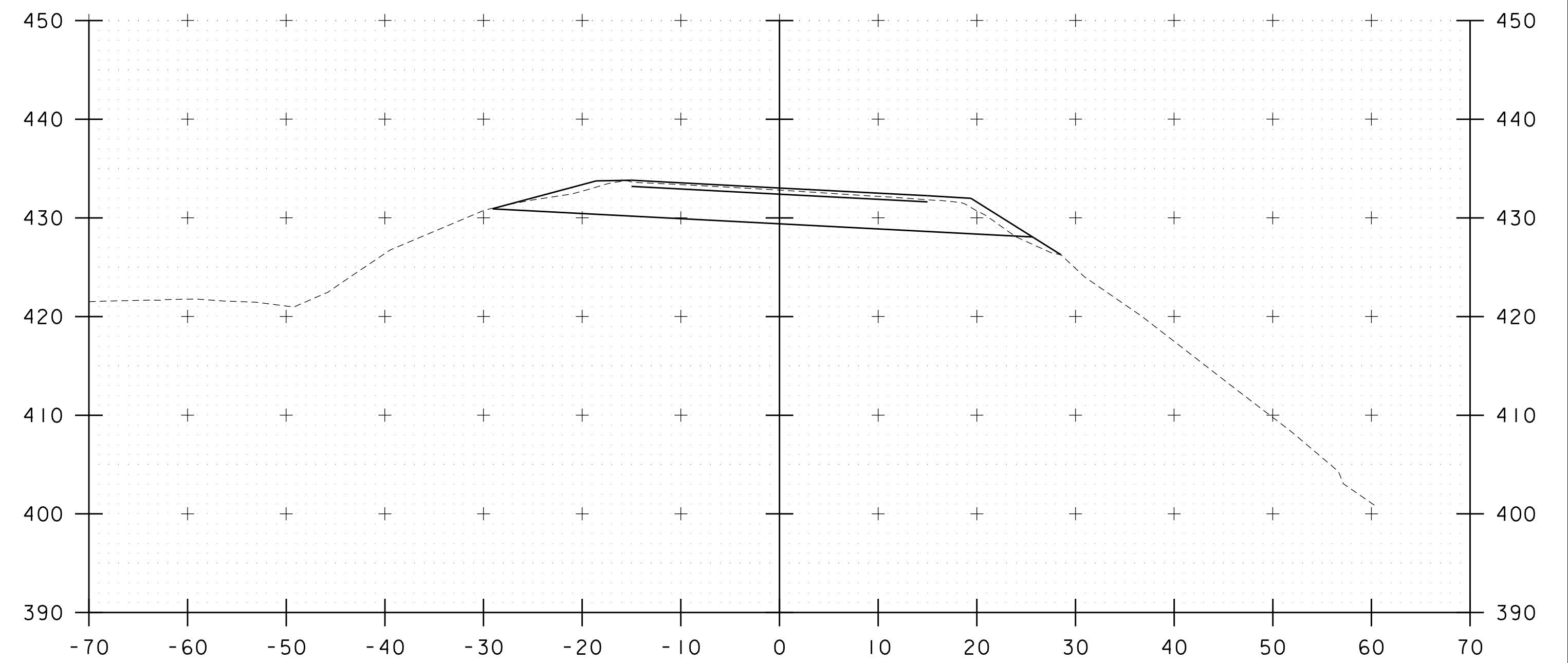
106+00



106+25



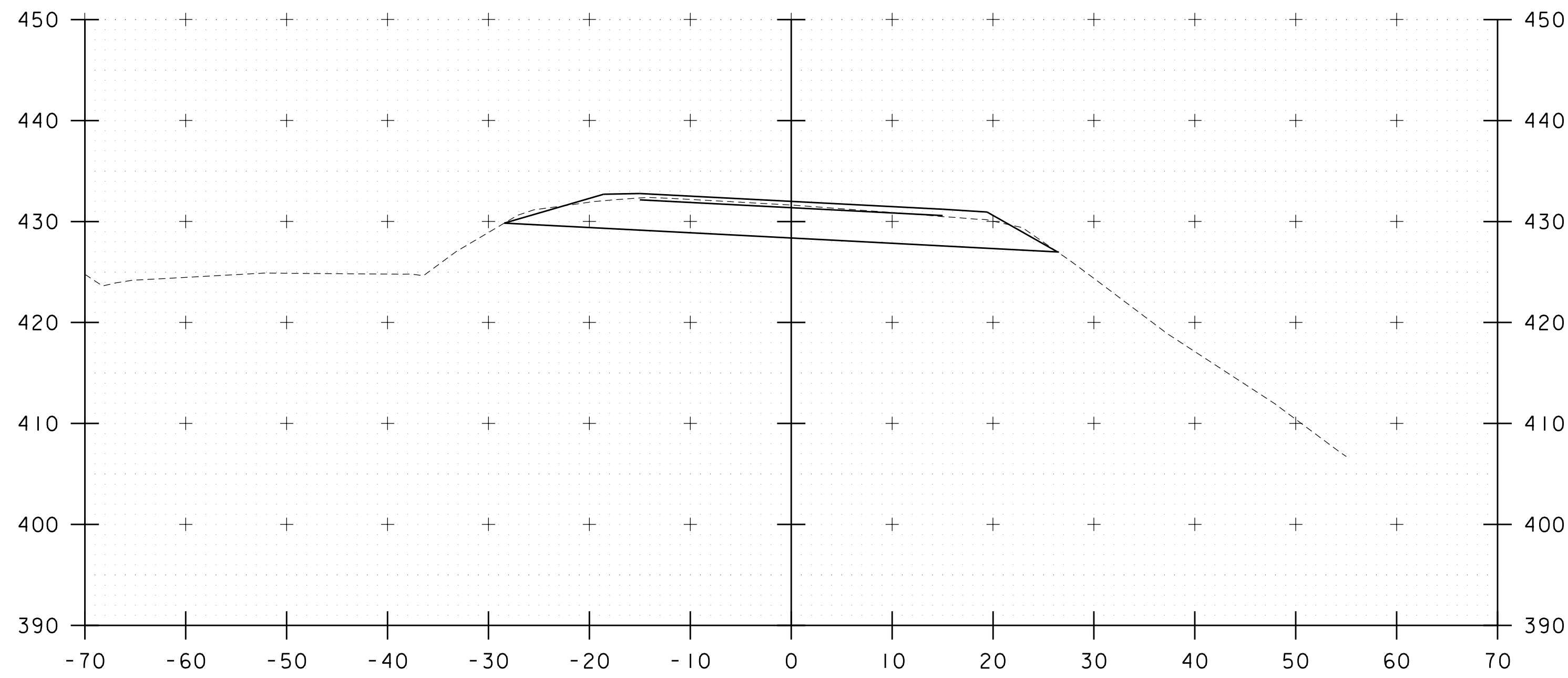
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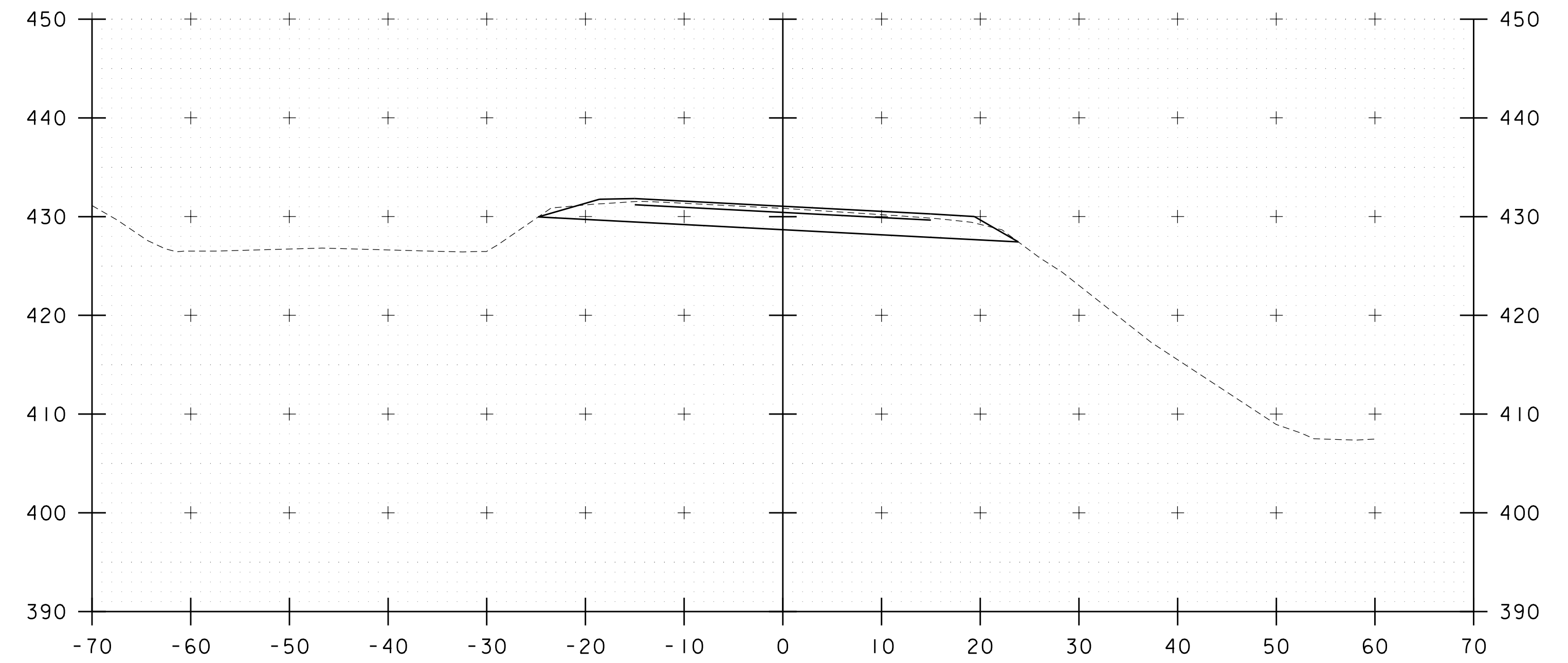
106+10

STA. 105+90 TO STA. 106+25

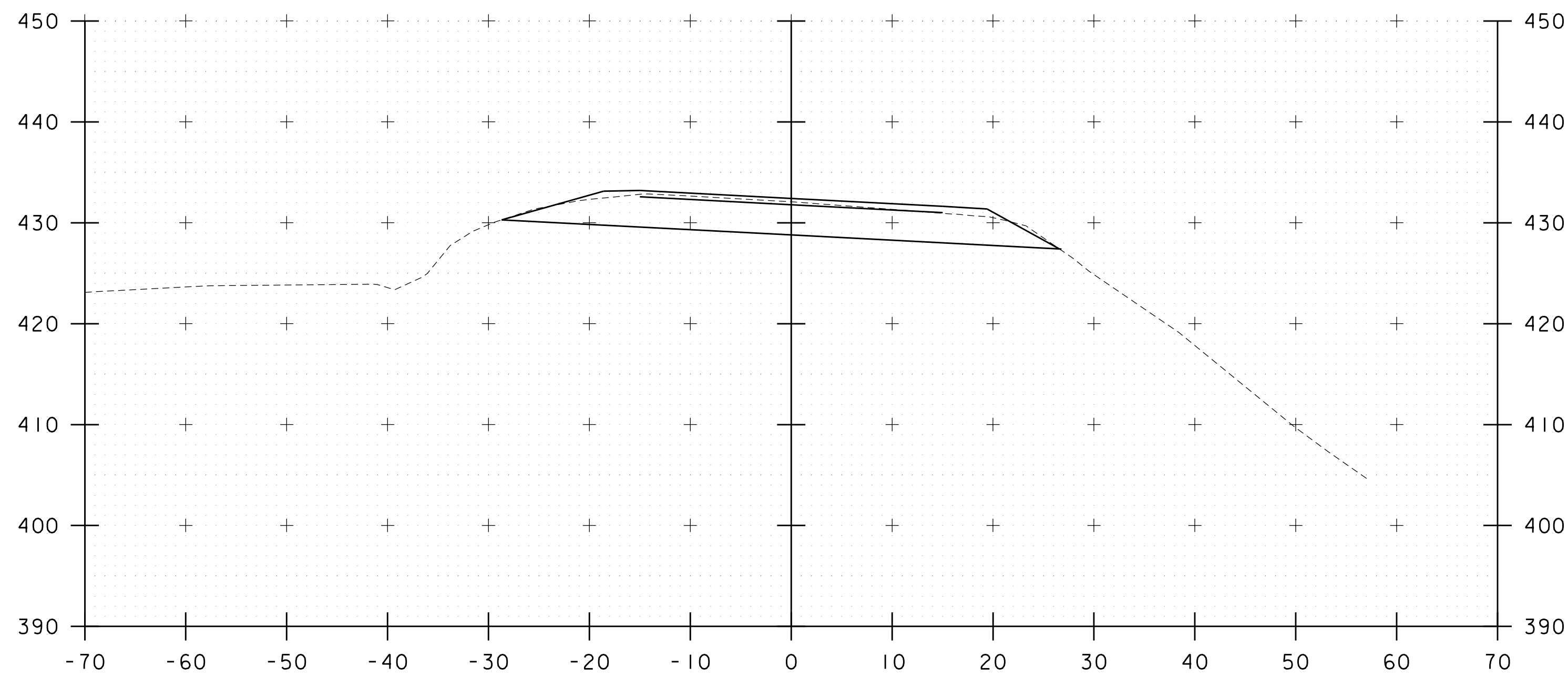
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 6	SHEET 23 OF 56



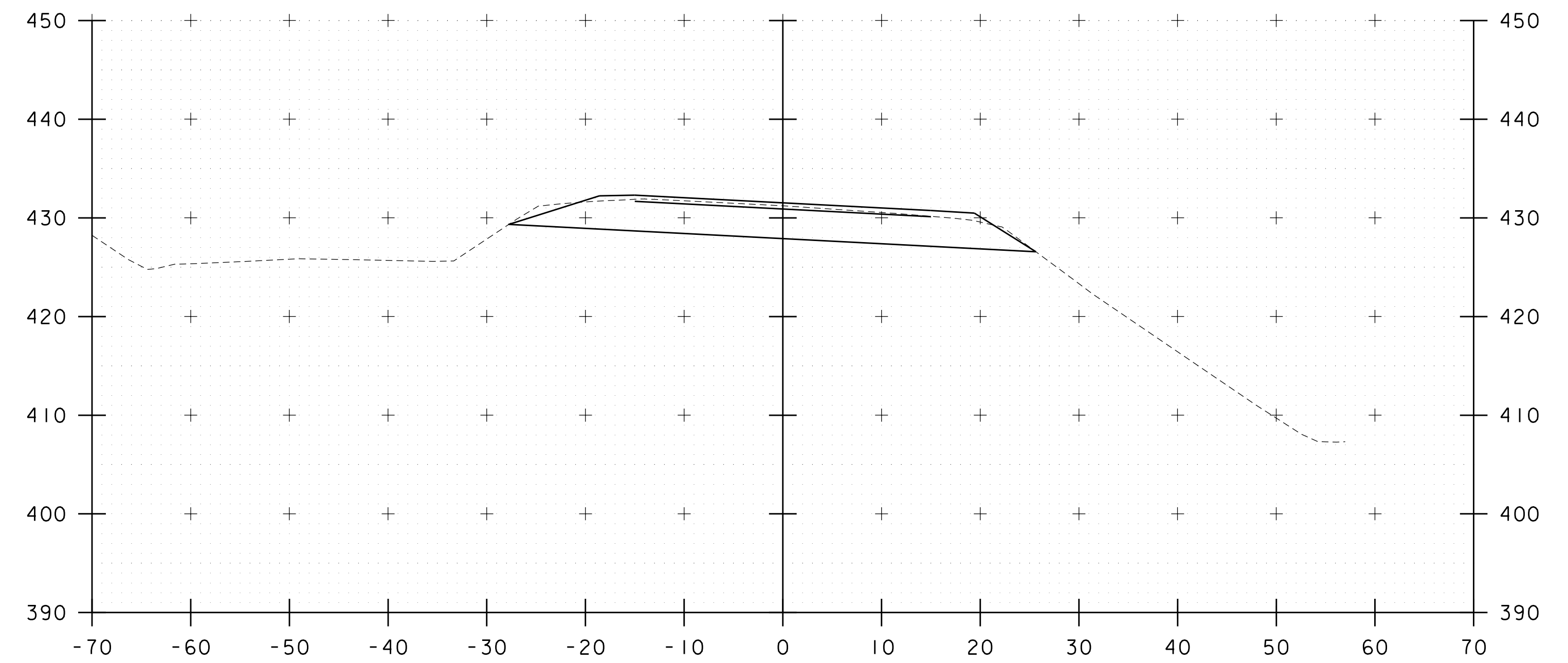
106+75



107+25



106+50

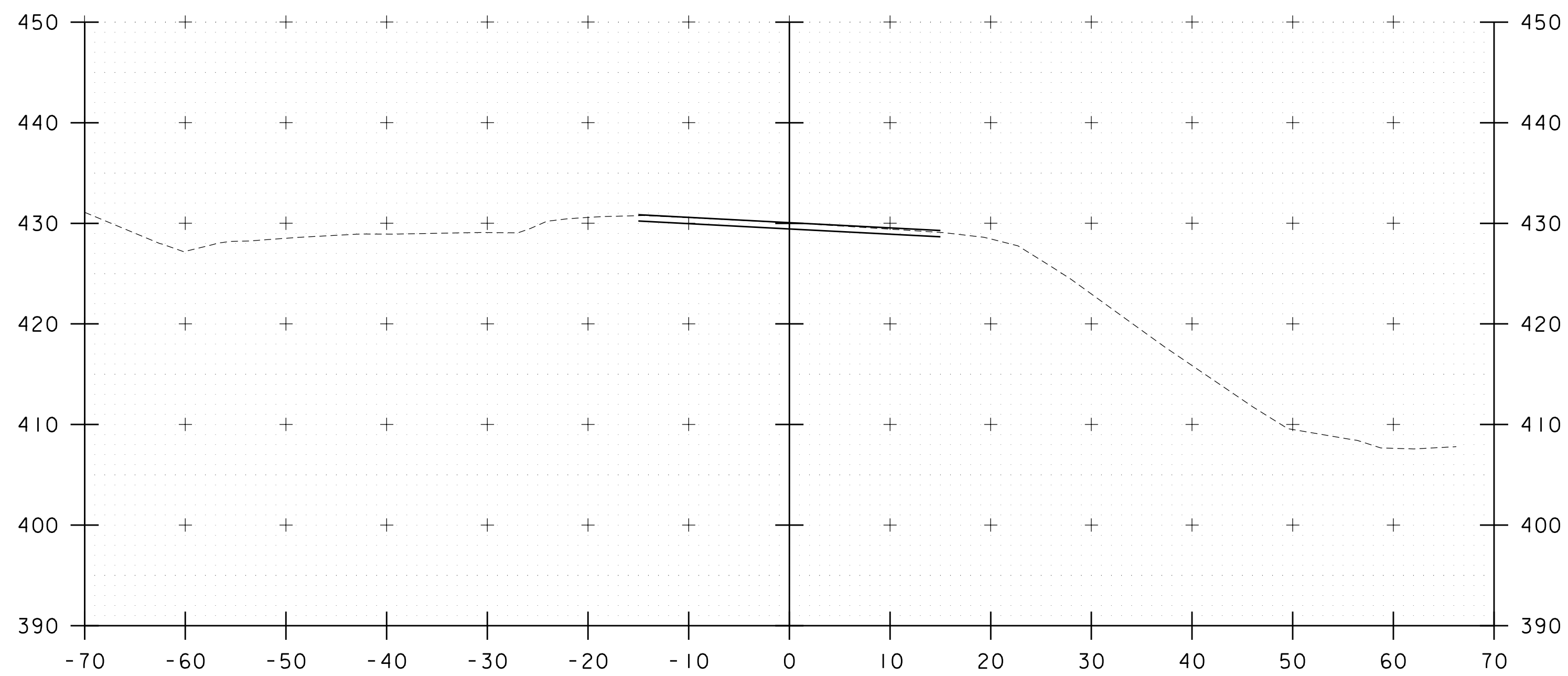


107+00

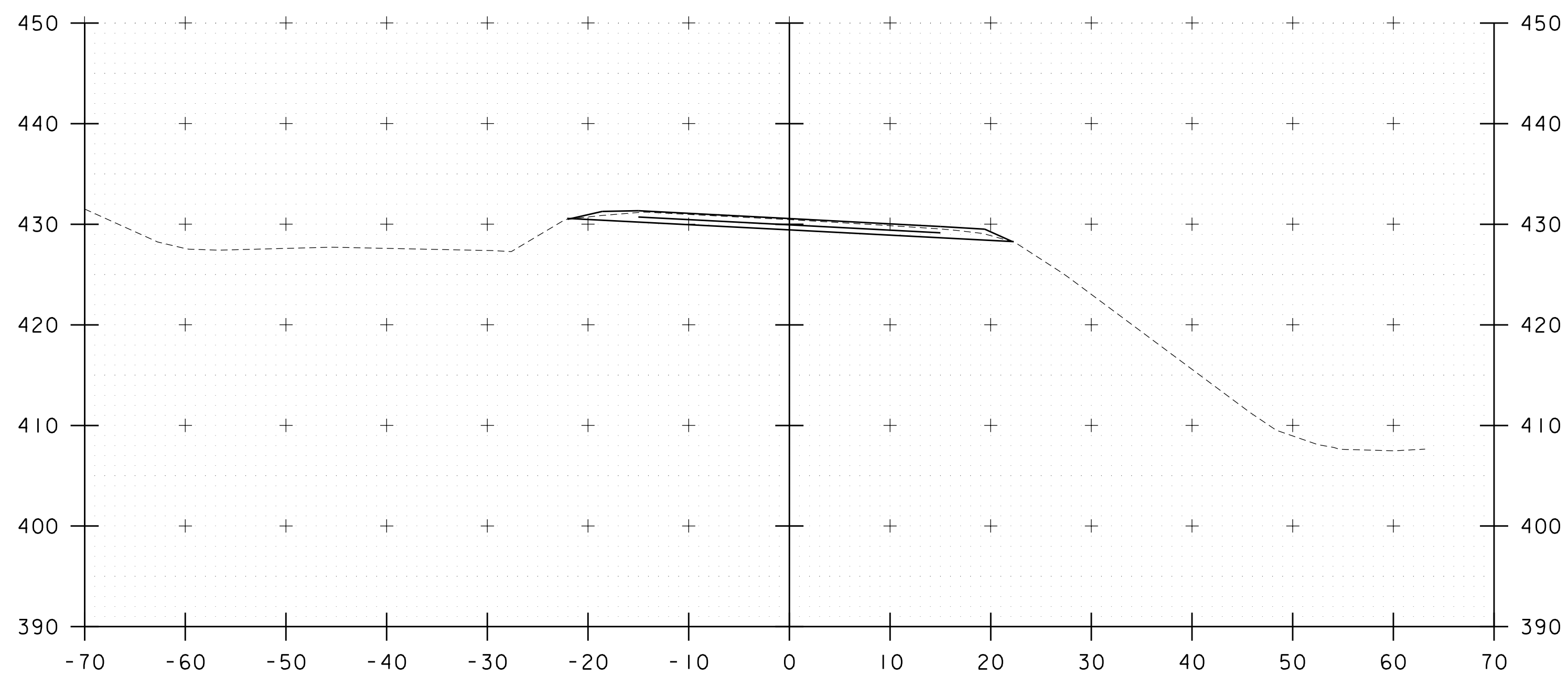
STA. 106+50 TO STA. 107+00

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 7	SHEET 24 OF 56

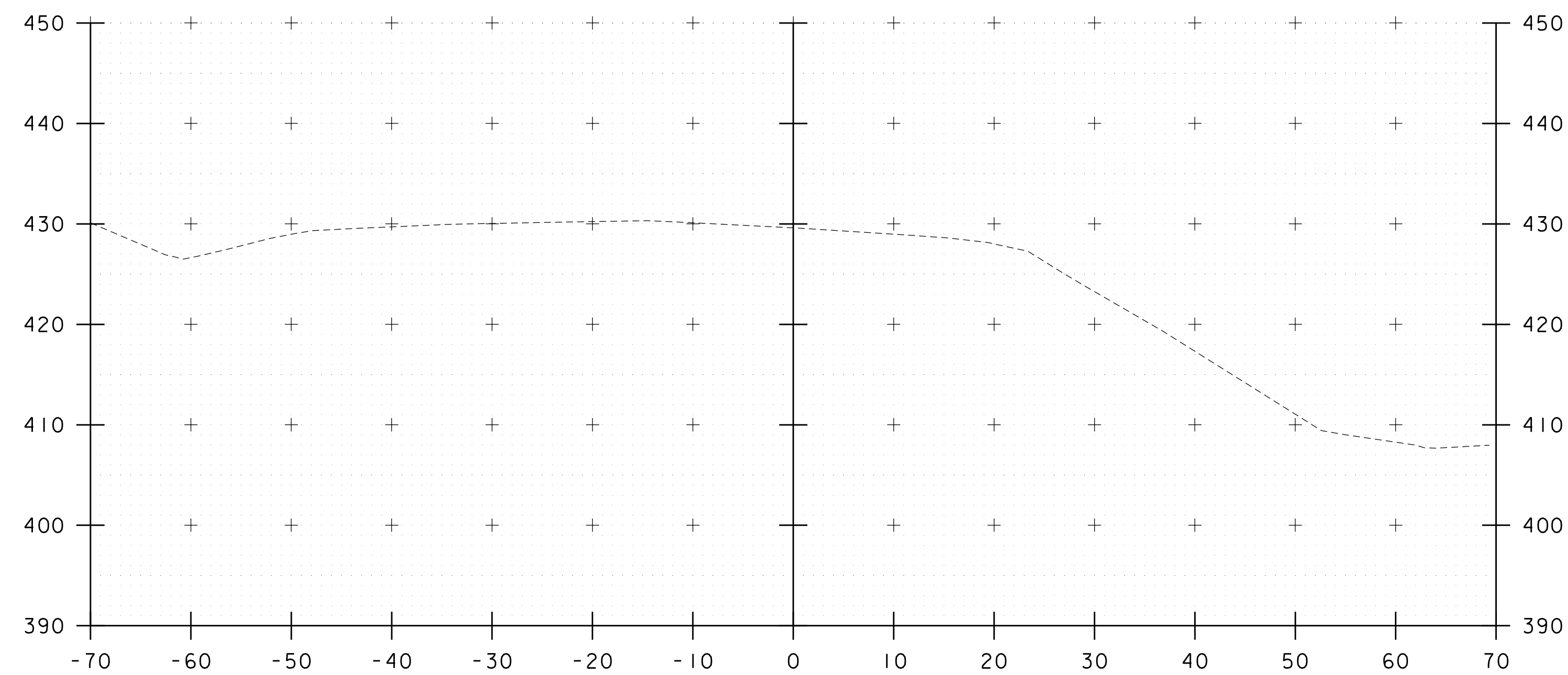




107+75



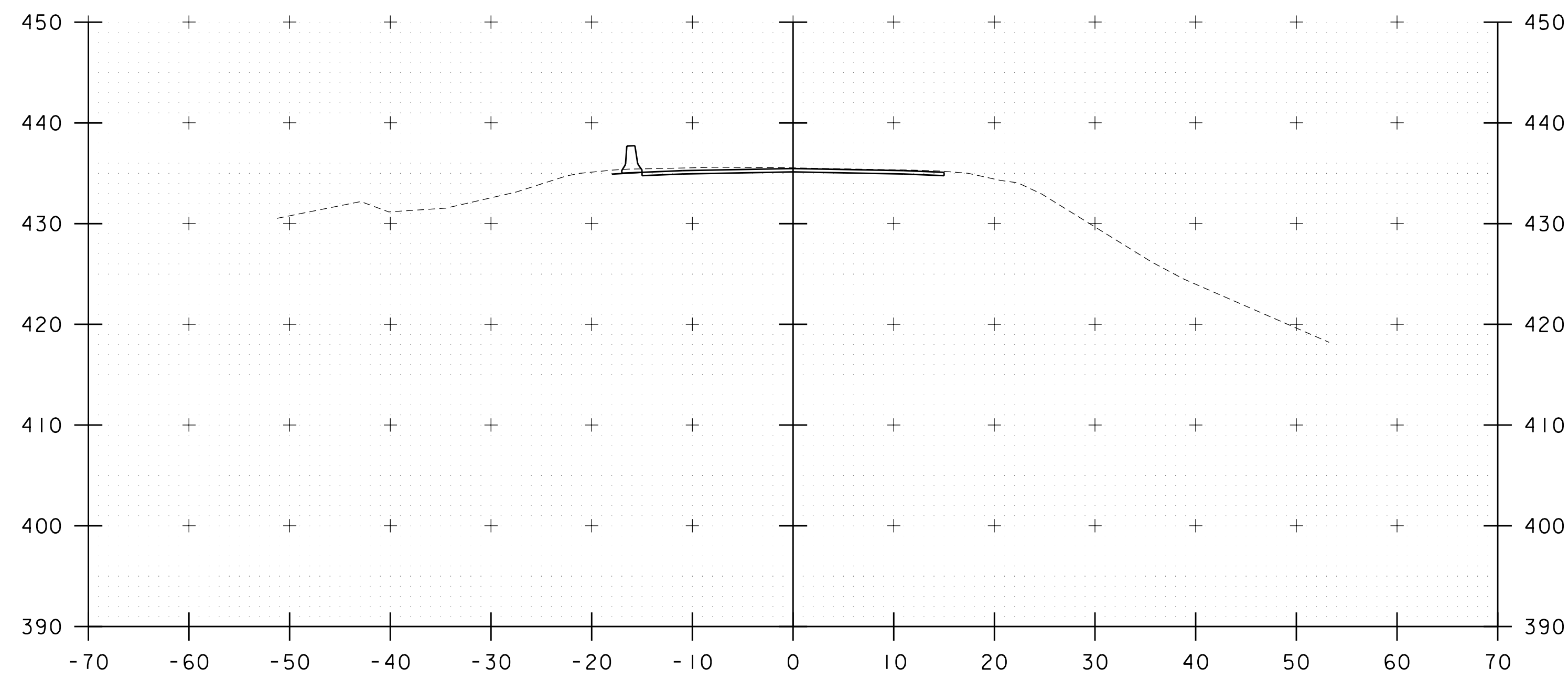
107+50



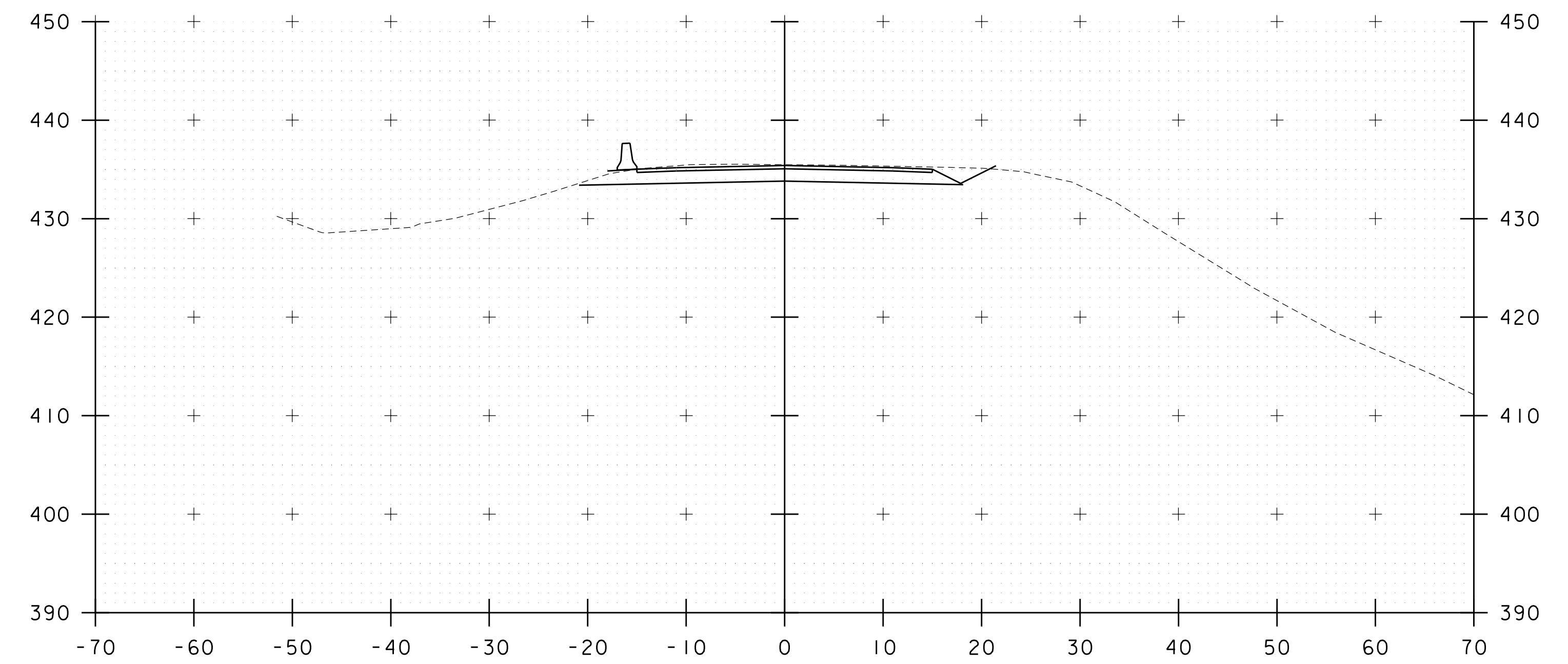
108+00

STA. 107+50 TO STA. 108+00

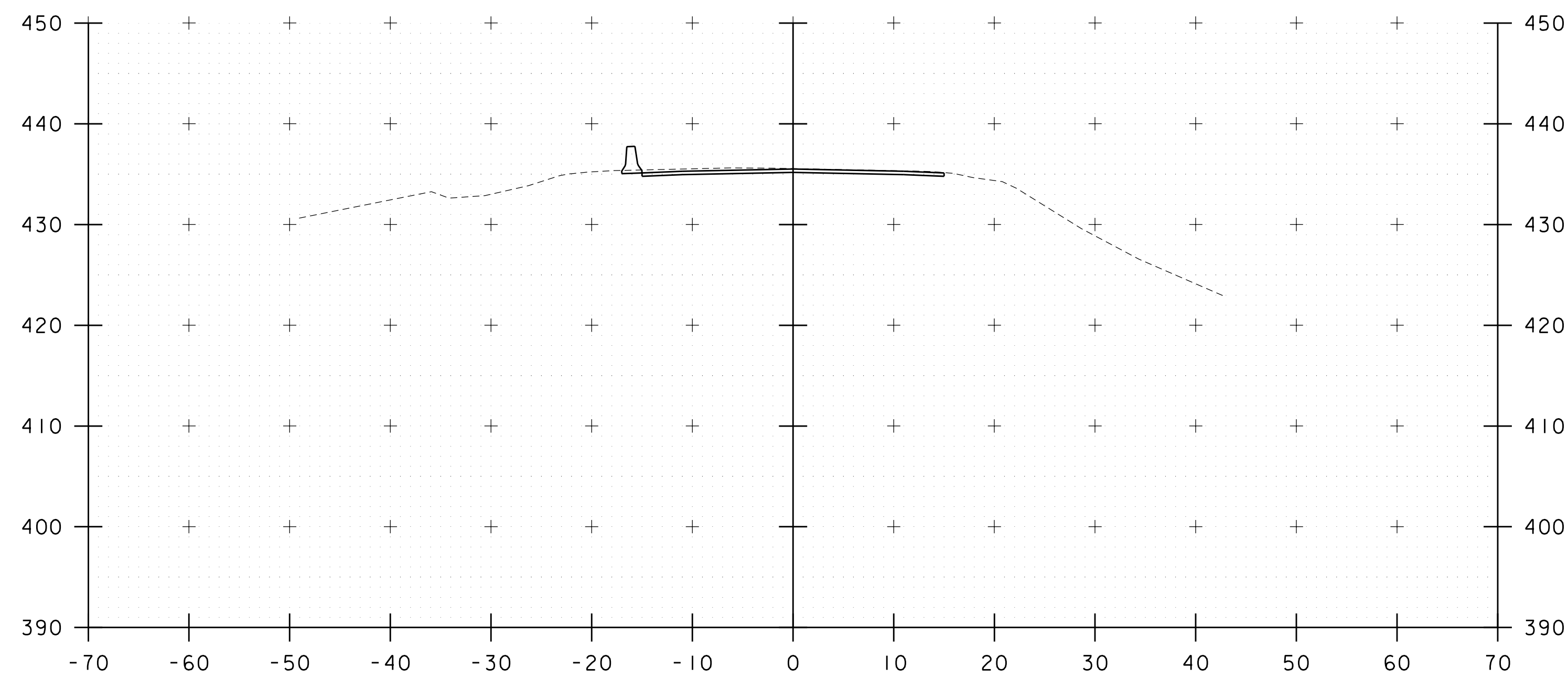
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
US 2 CROSS SECTION 8	SHEET 25 OF 56



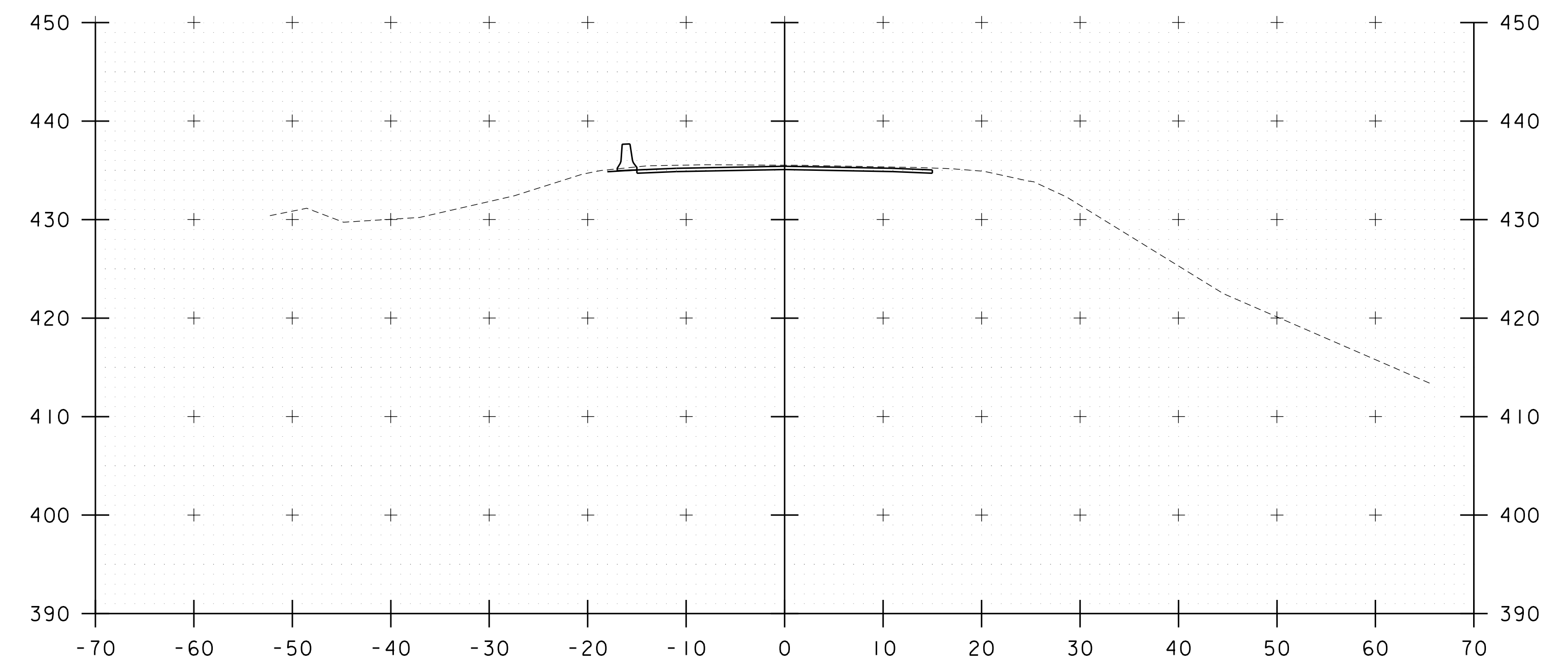
10+25



10+75



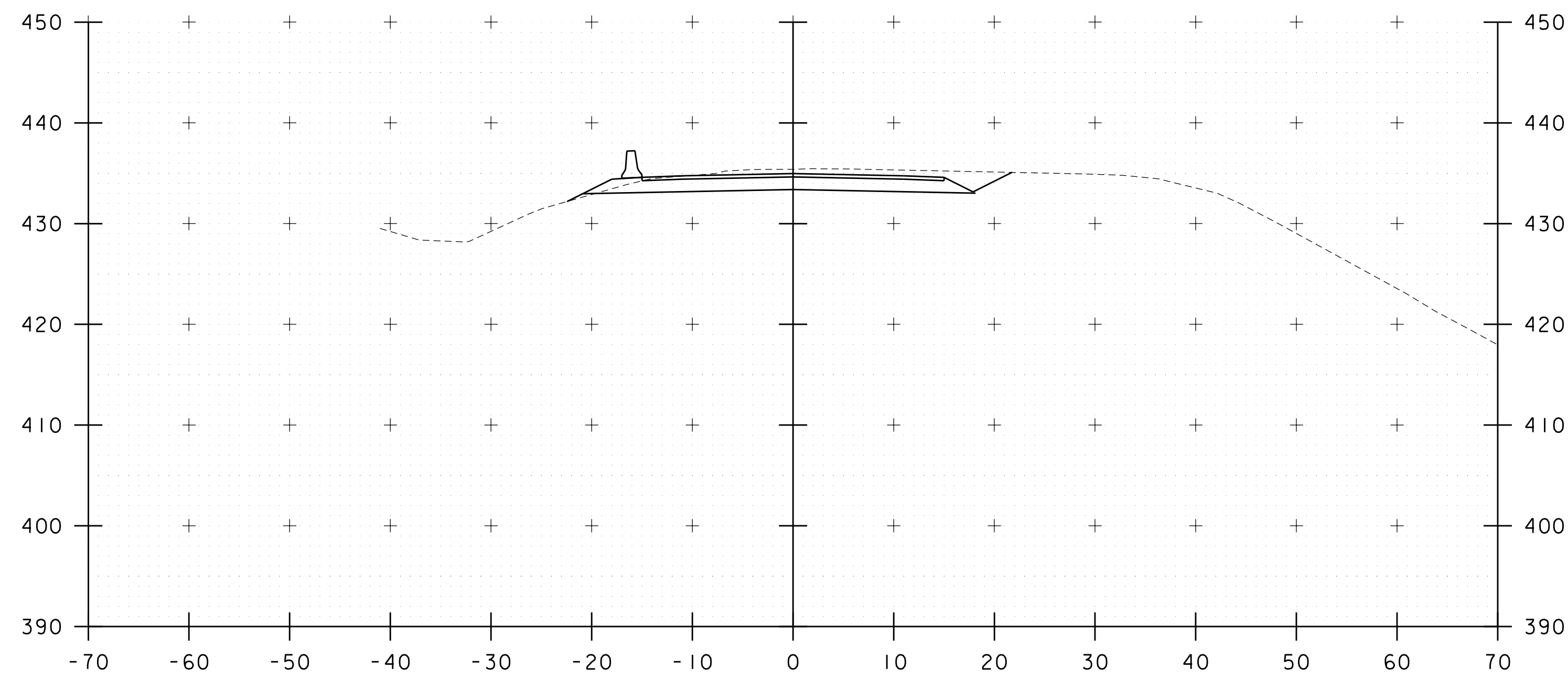
10+00



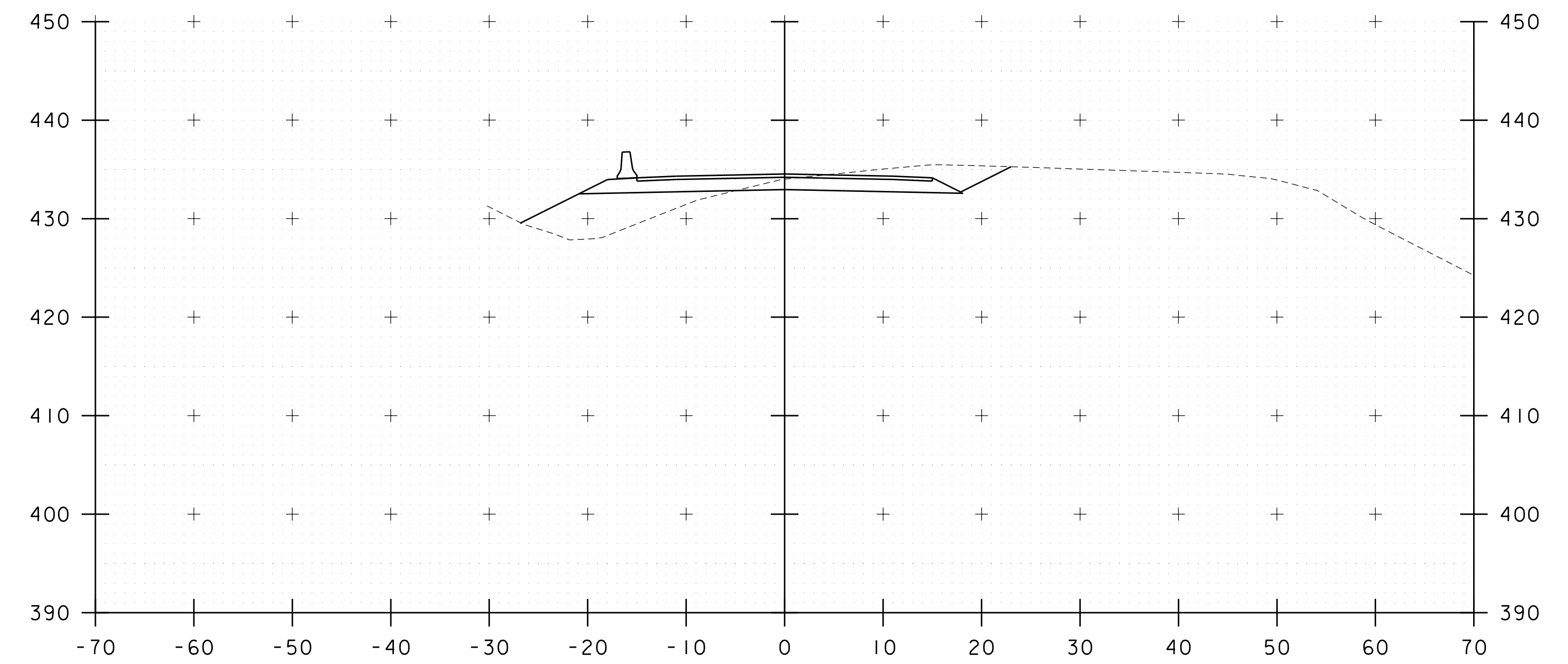
10+50

STA. 10+00 TO STA. 10+75

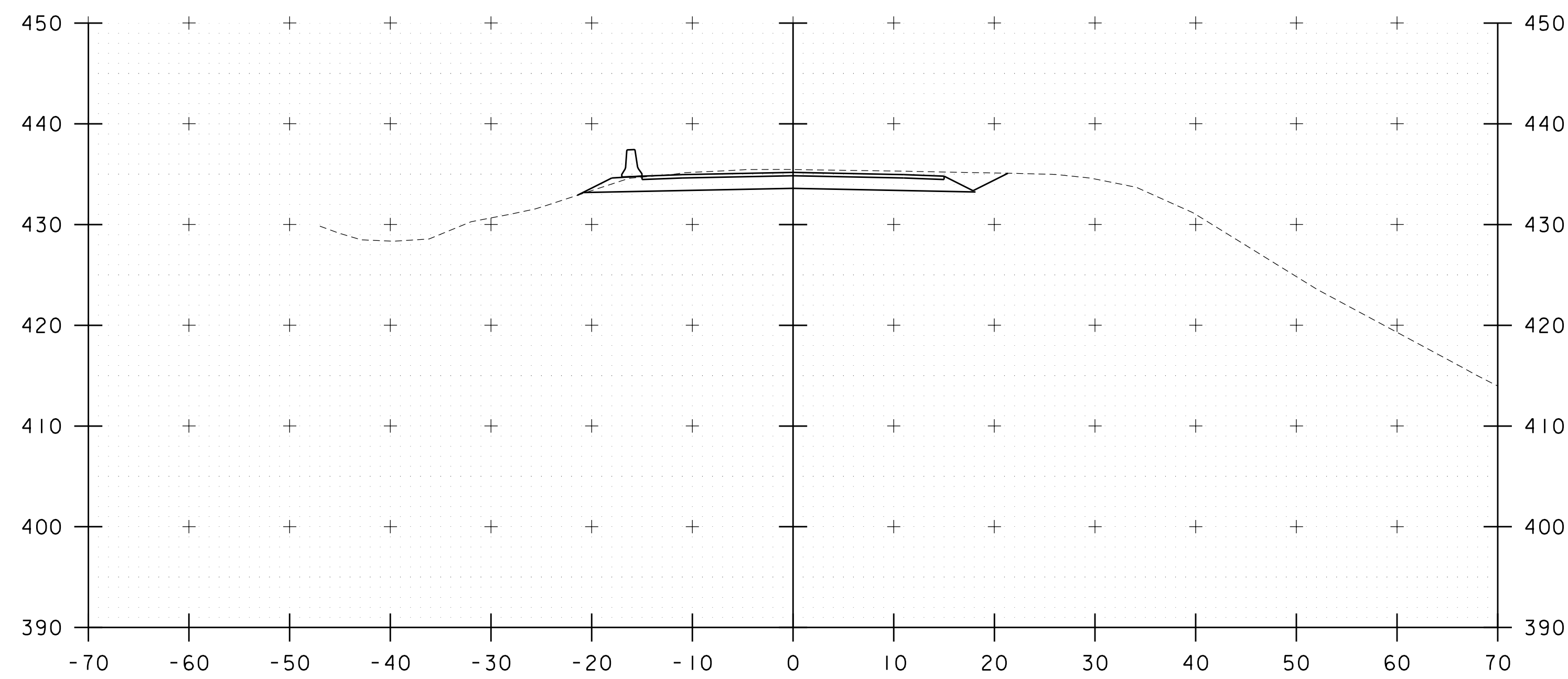
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 1	SHEET 26 OF 56



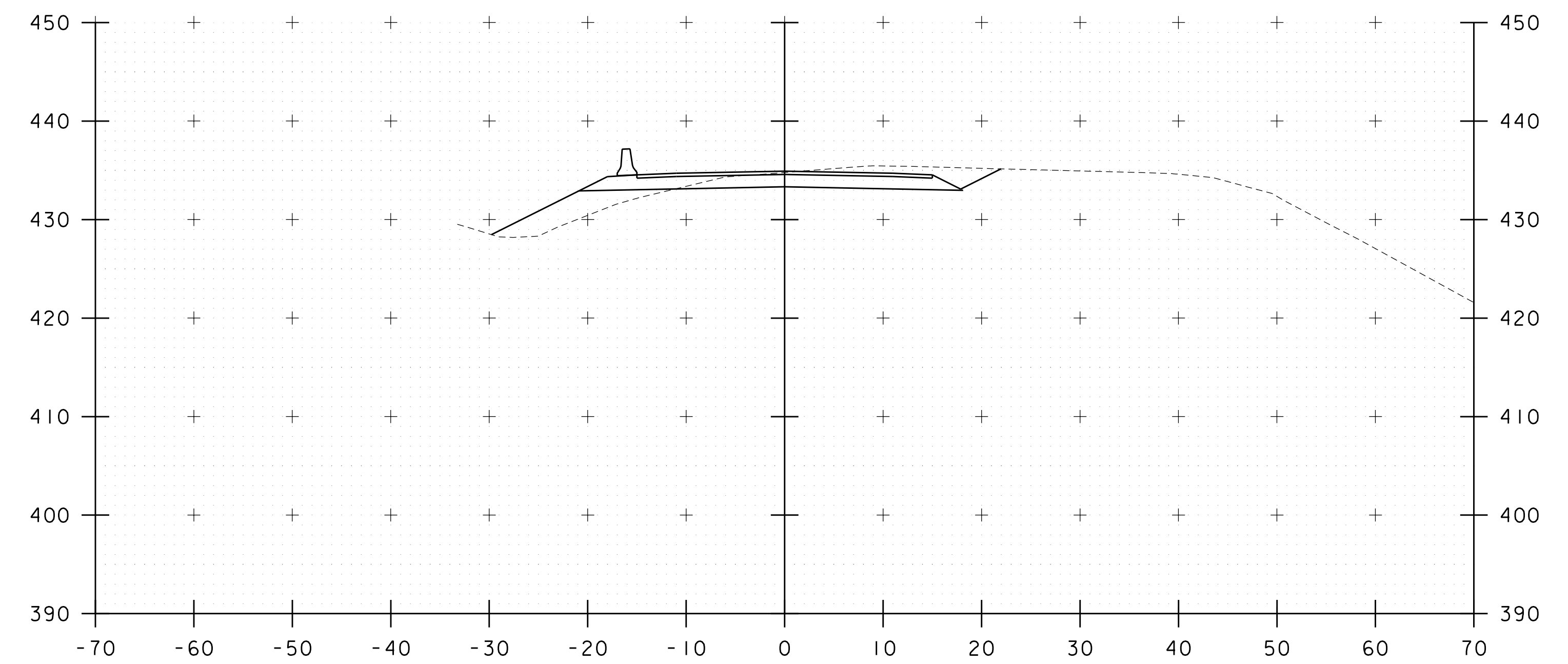
11+25



11+75



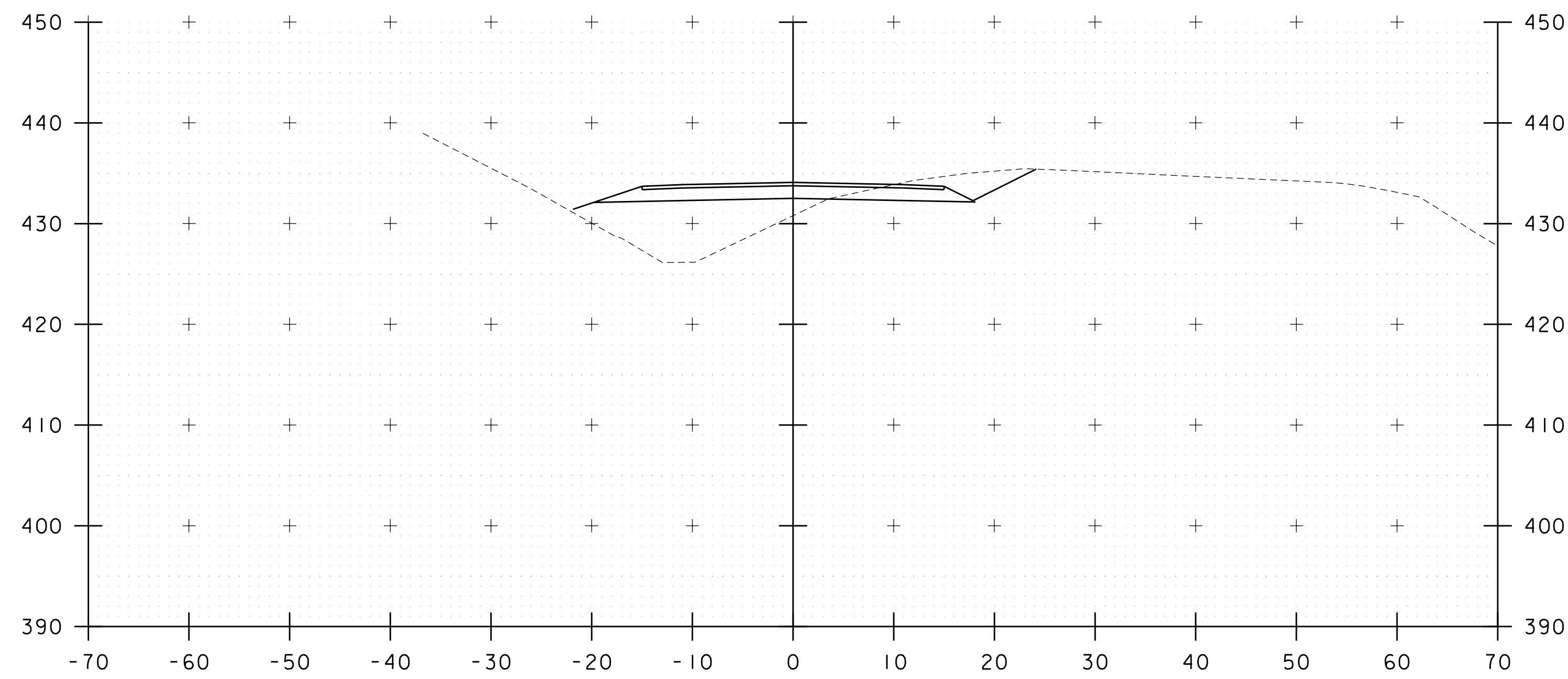
11+00



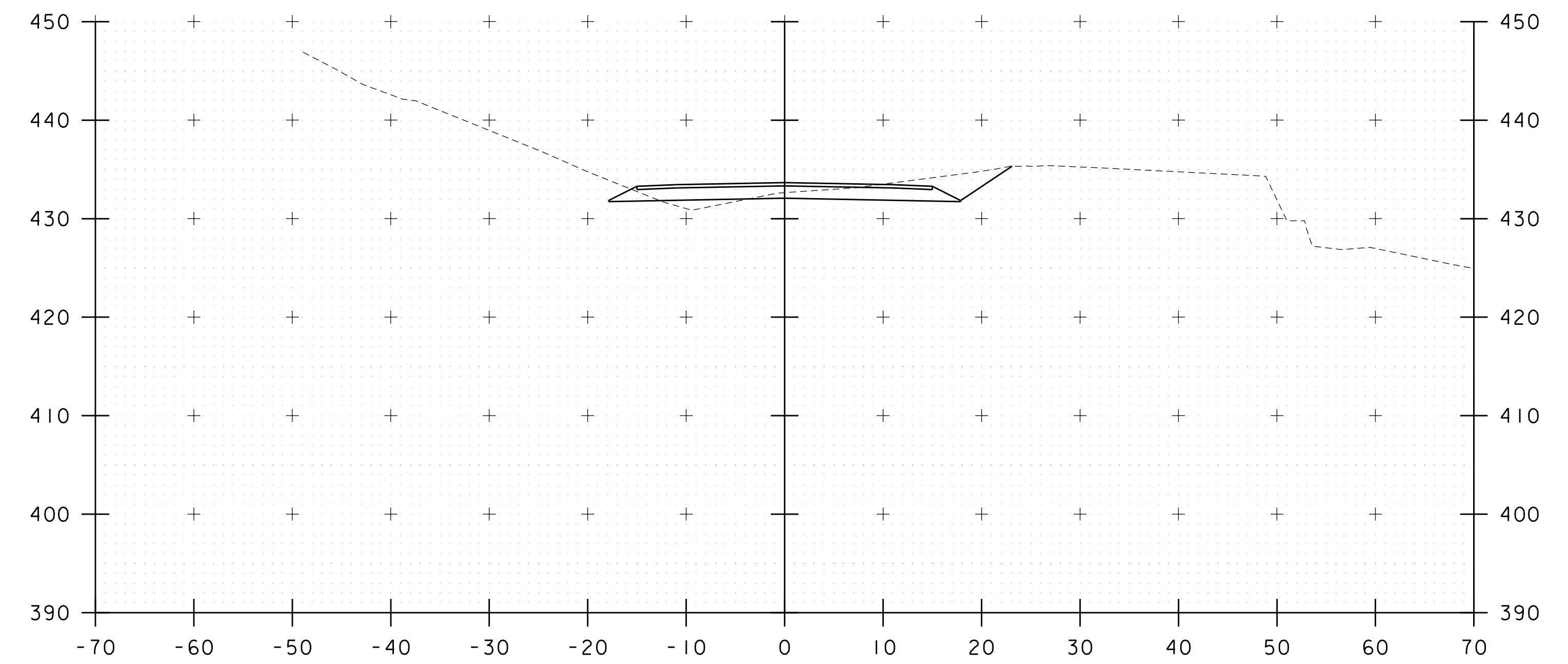
11+50

STA. 11+00 TO STA. 11+75

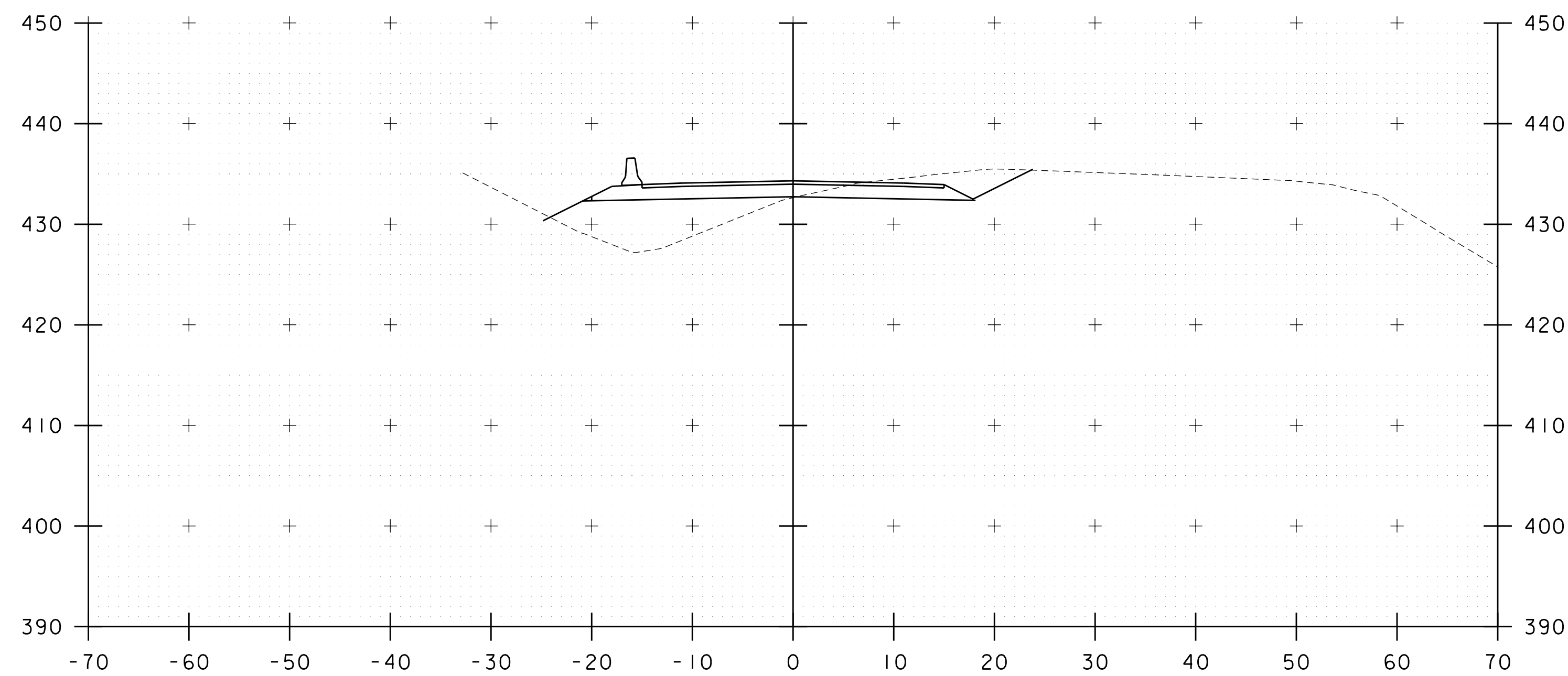
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 2	SHEET 27 OF 56



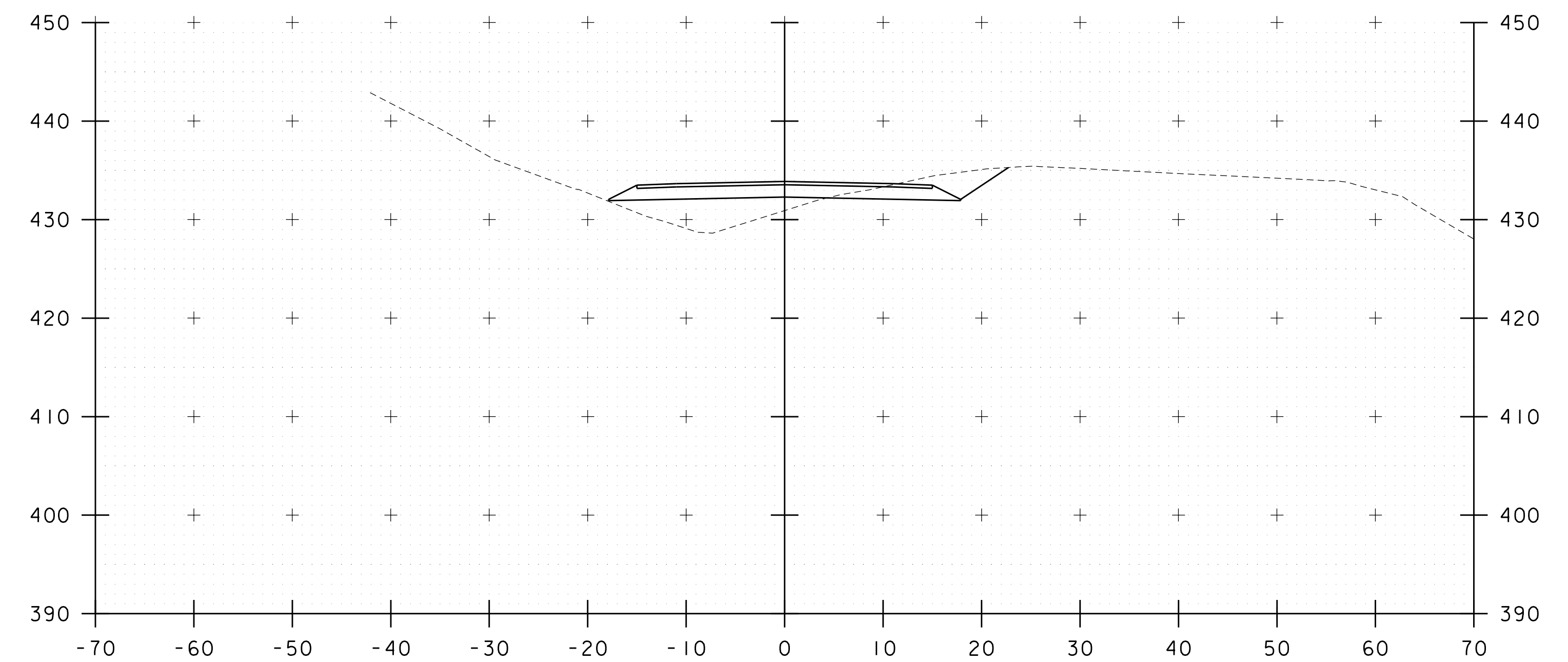
12+25



12+75



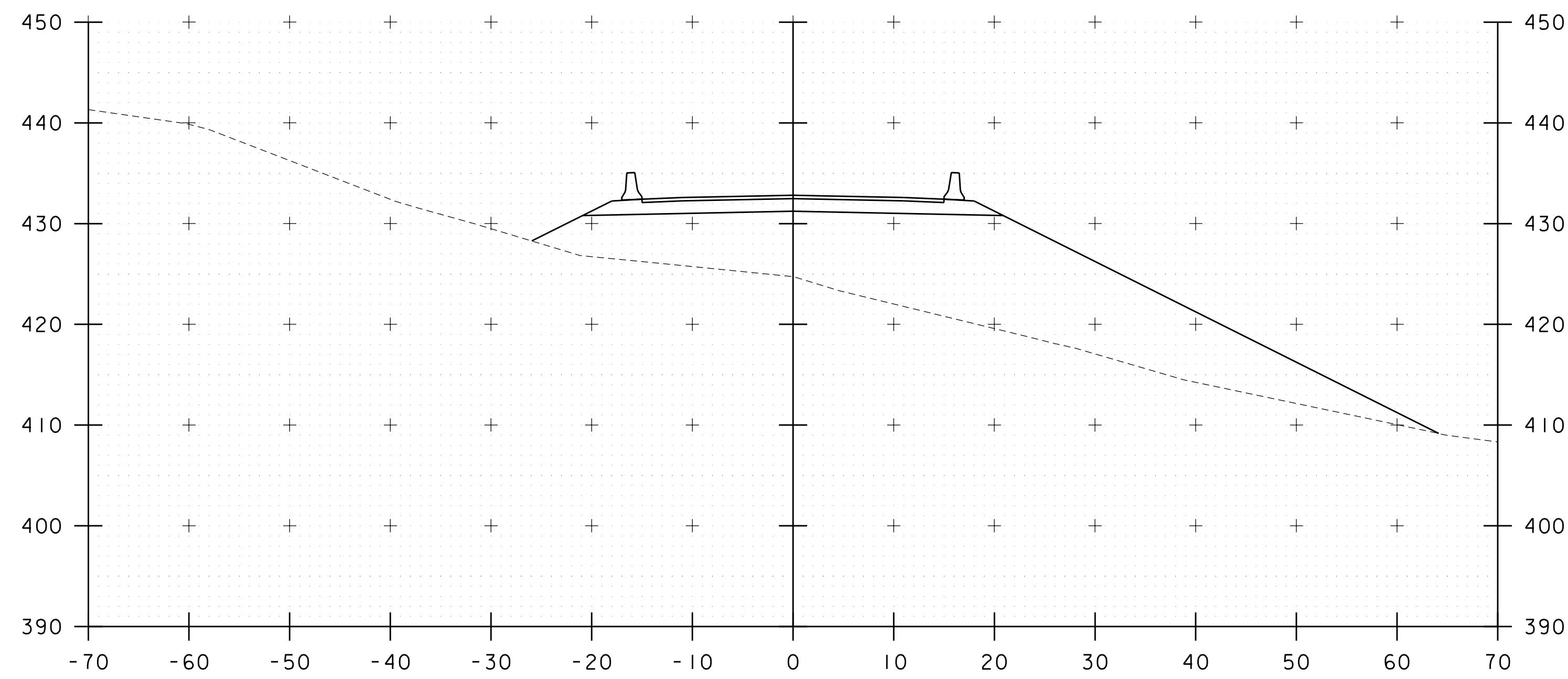
12+00



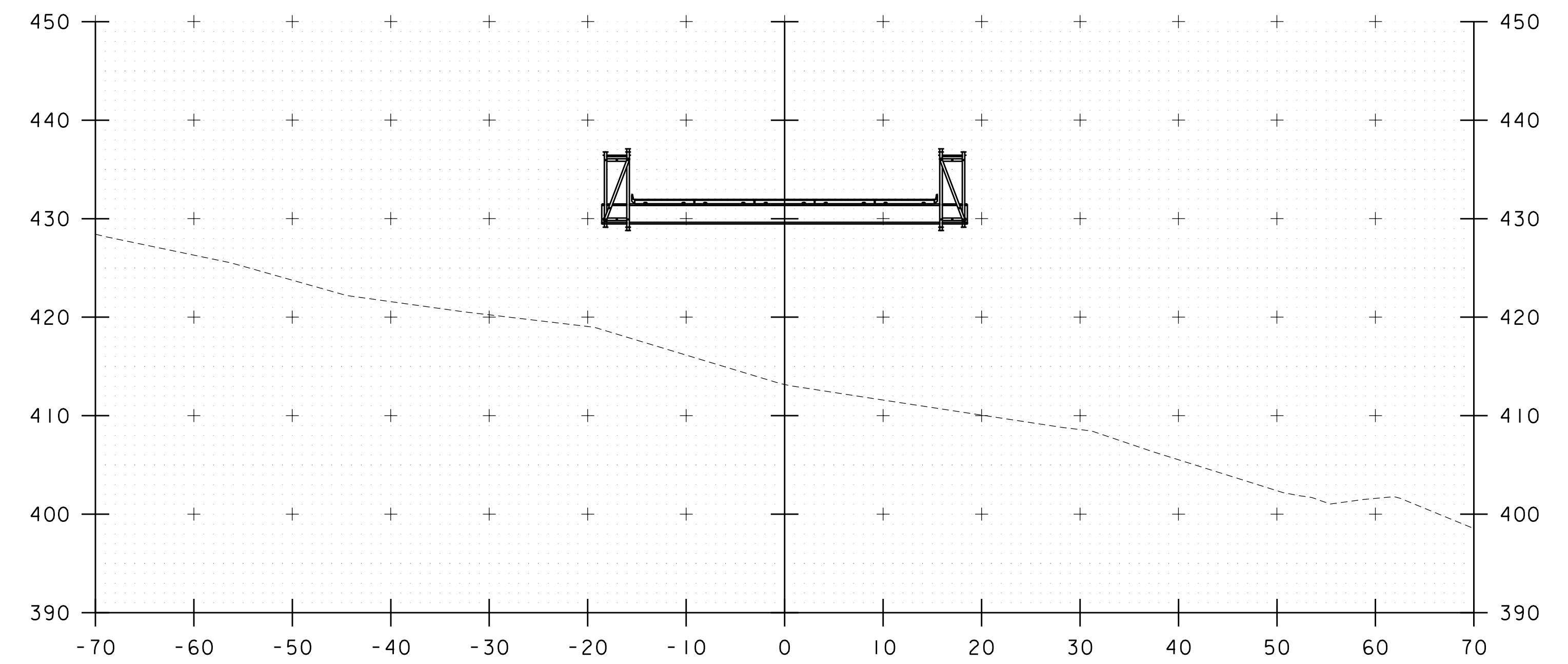
12+50

STA. 12+00 TO STA. 12+75

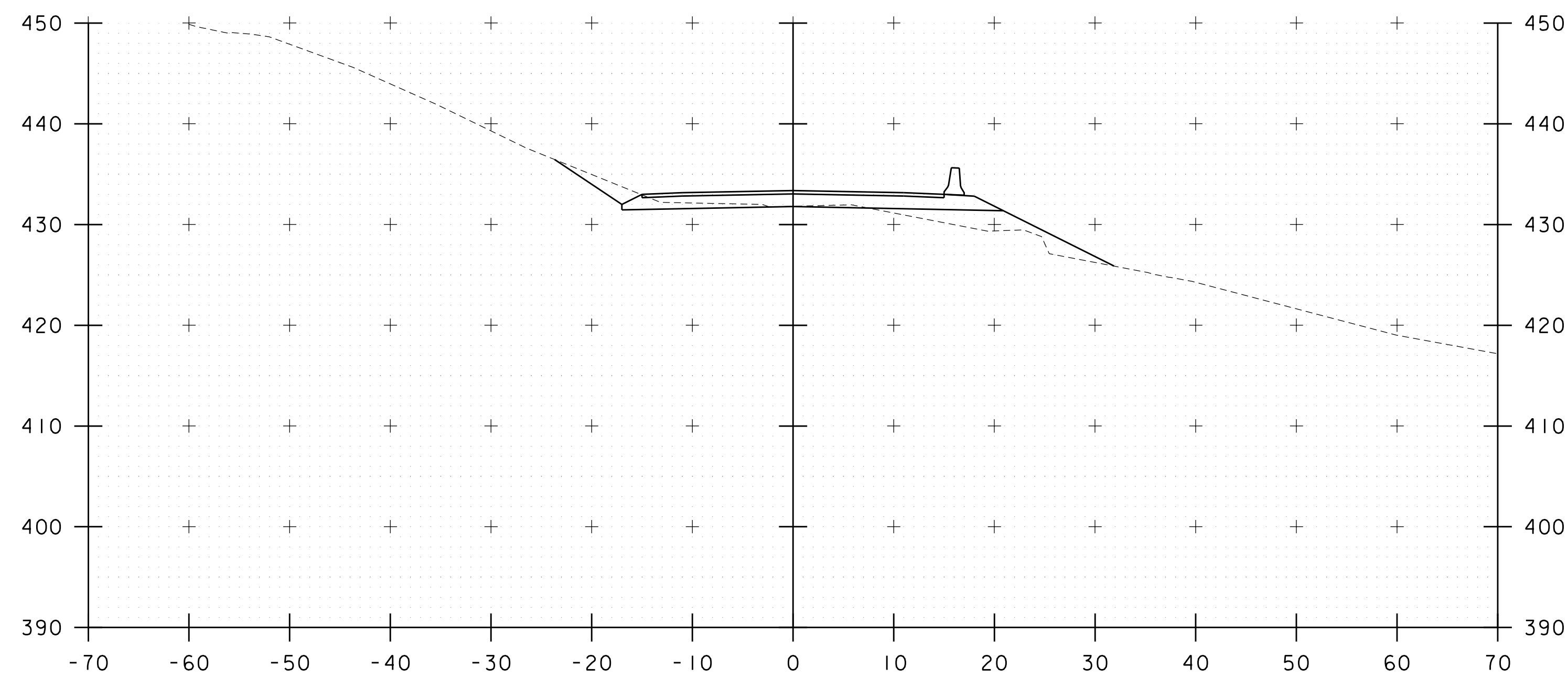
PROJECT NAME:	WATERBURY	PLOT DATE:	11/17/2020
PROJECT NUMBER:	BF 0284(33)	DRAWN BY:	G. CANTAVE
FILE NAME:	z12c602_xs.dgn	DESIGNED BY:	M. EVANS-MONGEON
PROJECT LEADER:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
DETOUR CROSS SECTION 3		SHEET	28 OF 56



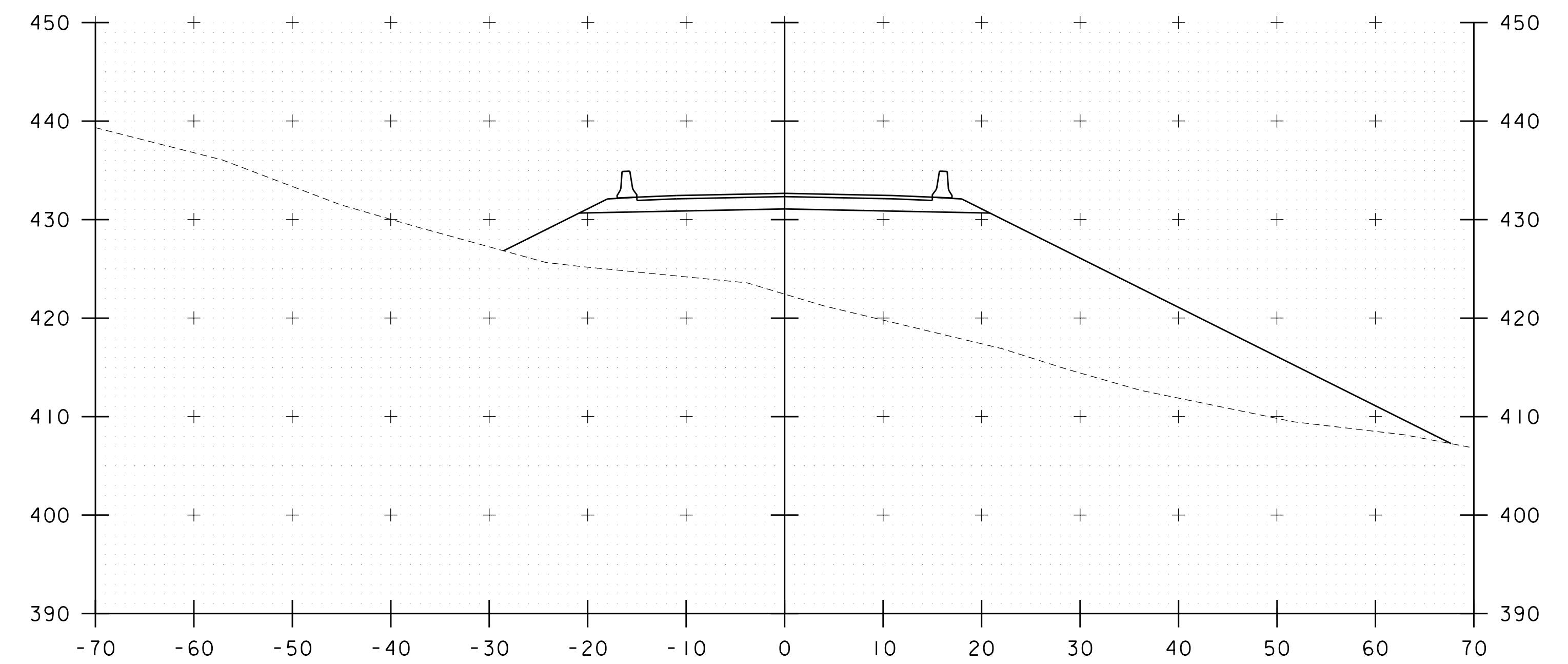
13+25



13+50



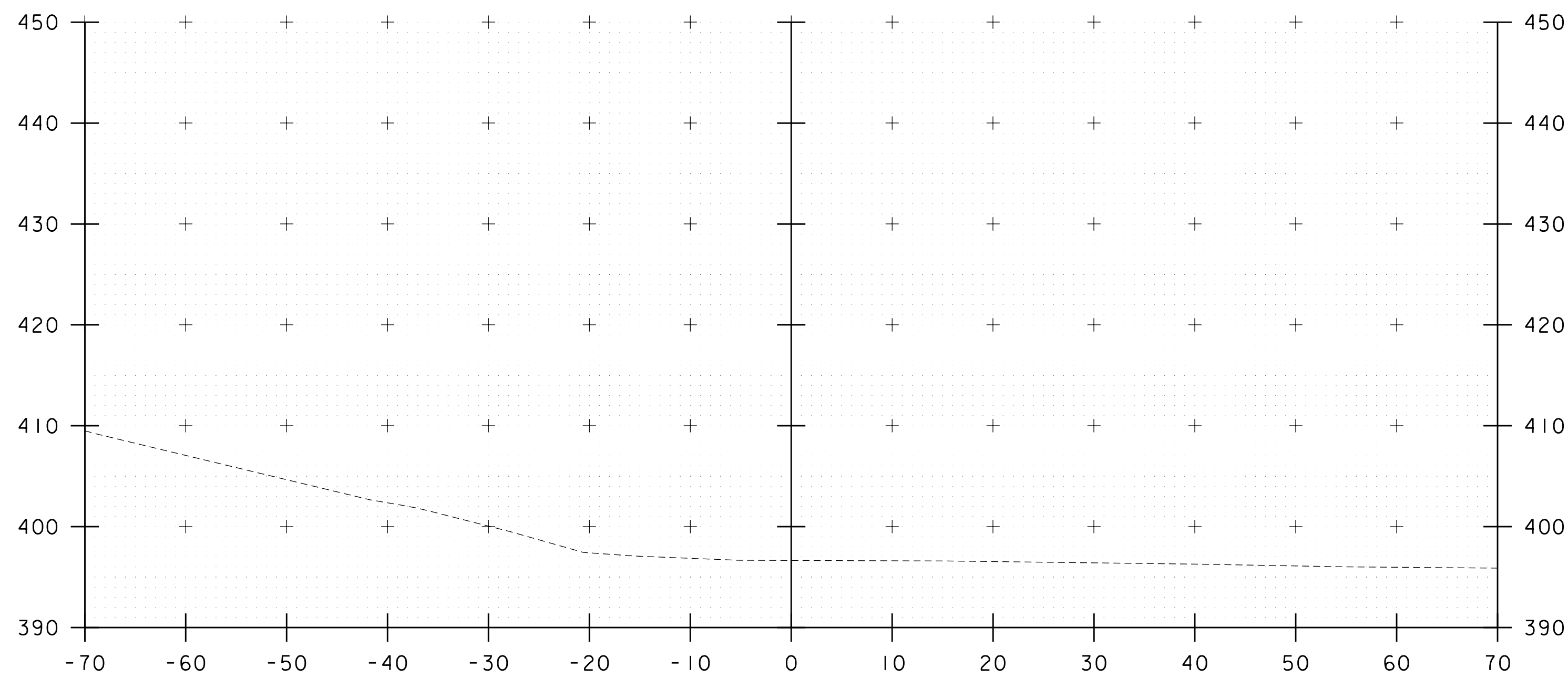
13+00



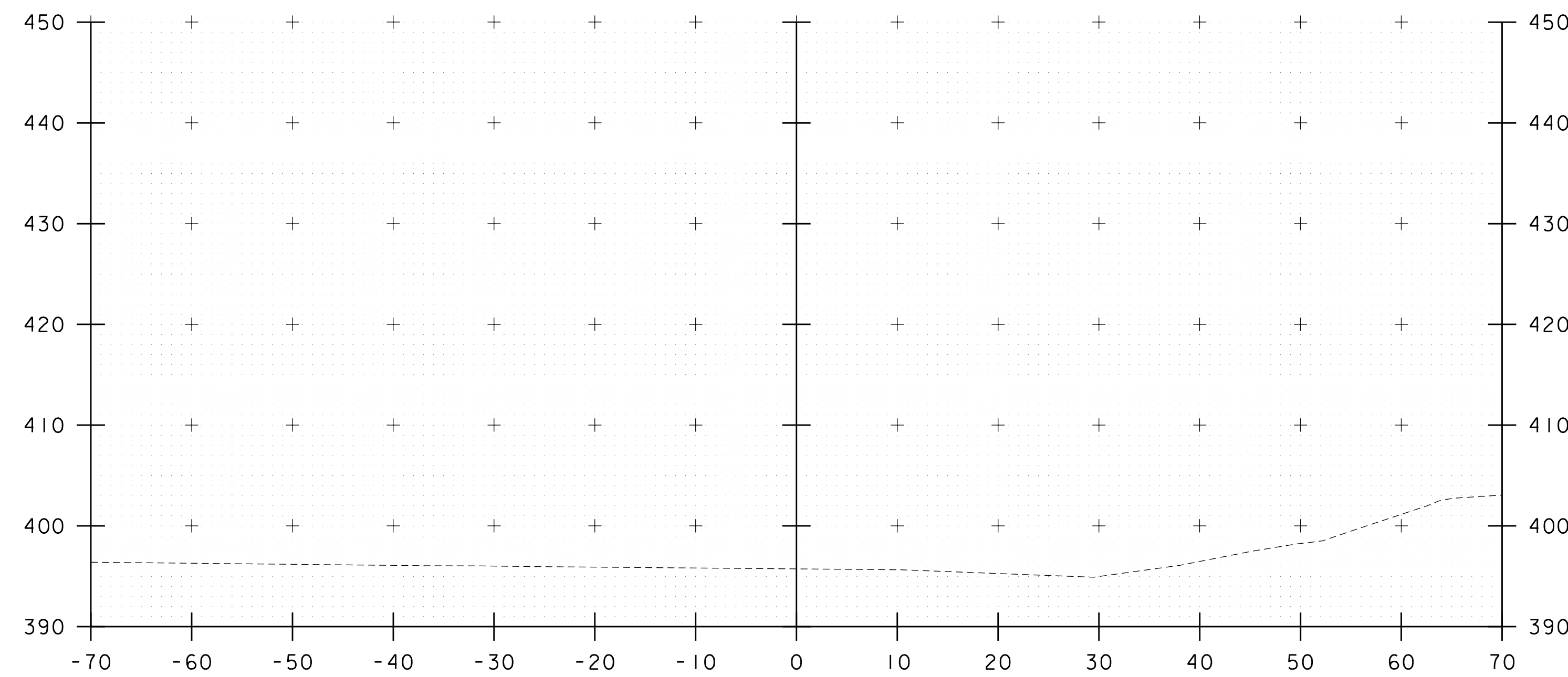
13+30

STA. 13+00 TO STA. 13+50

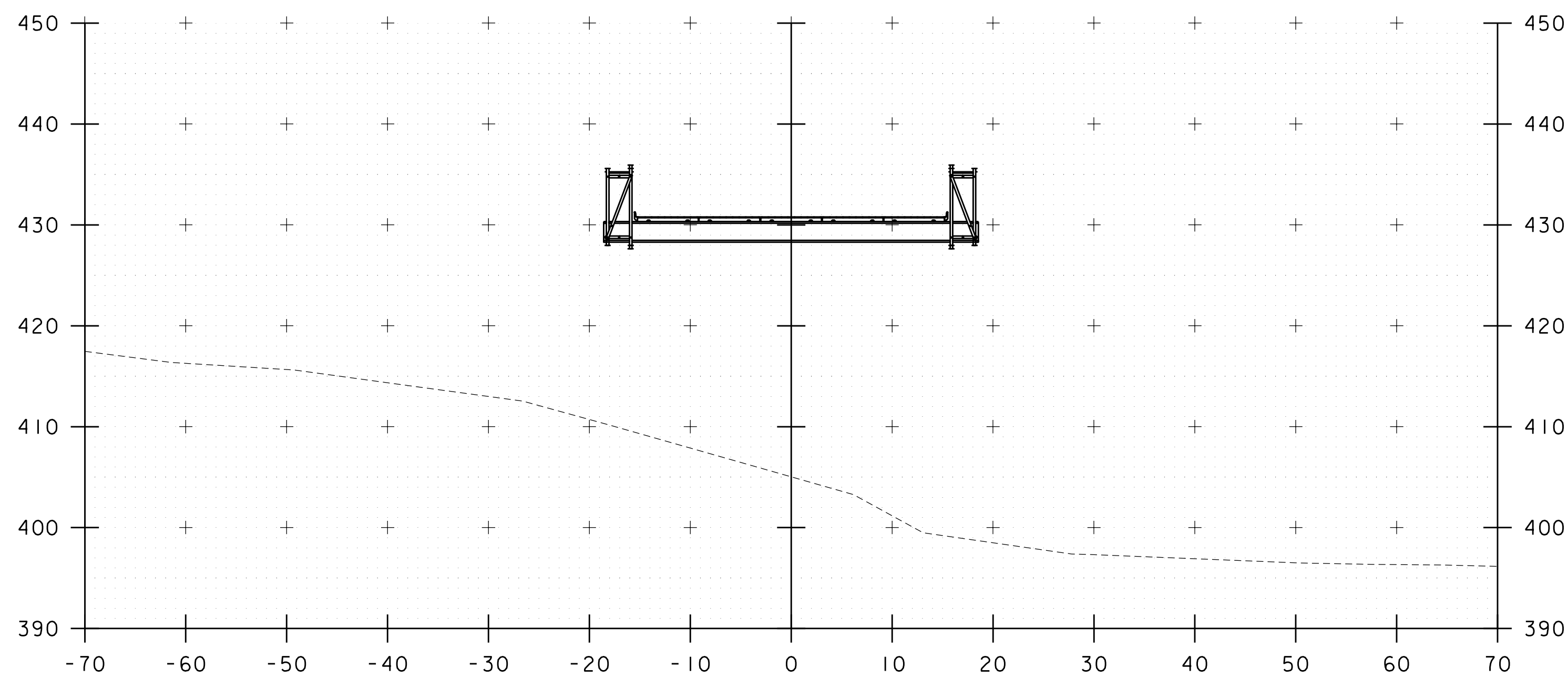
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 4	SHEET 29 OF 56



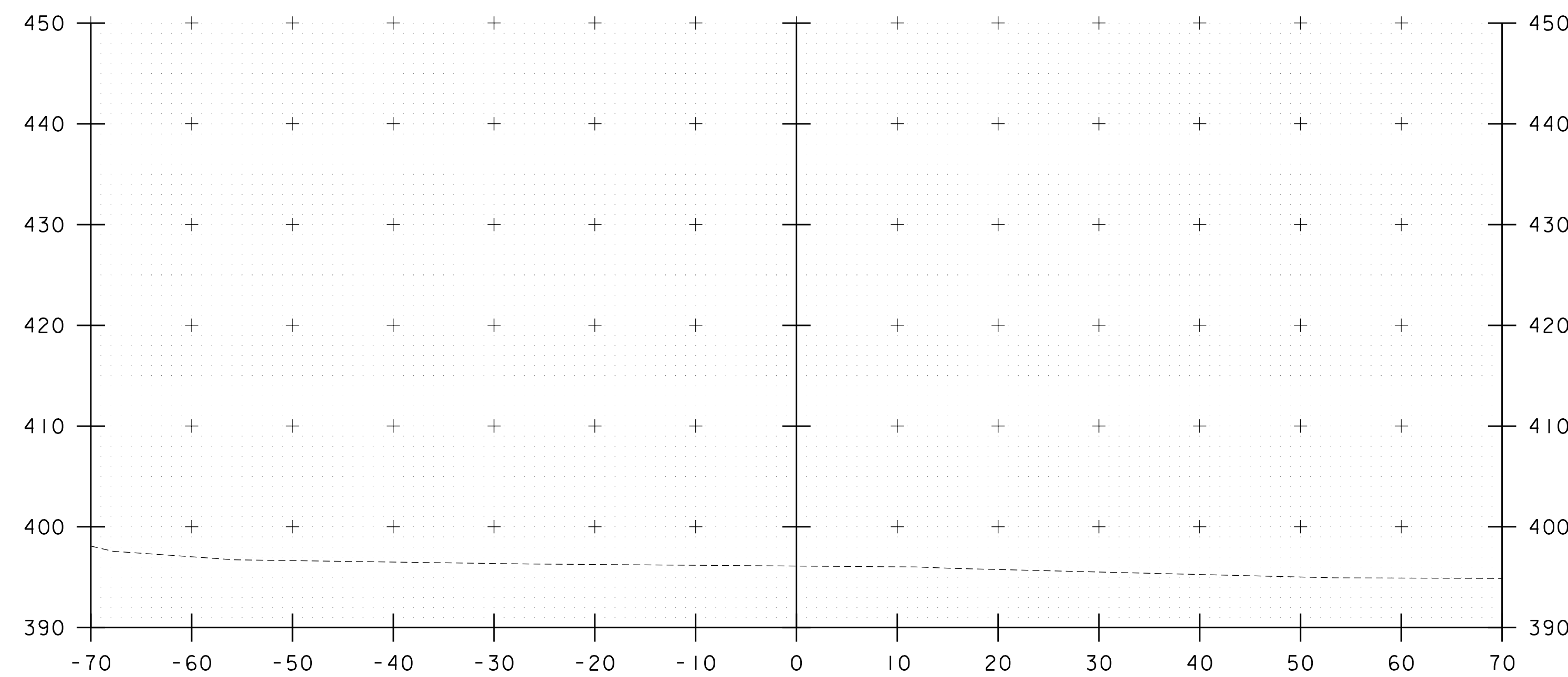
14+00



14+50



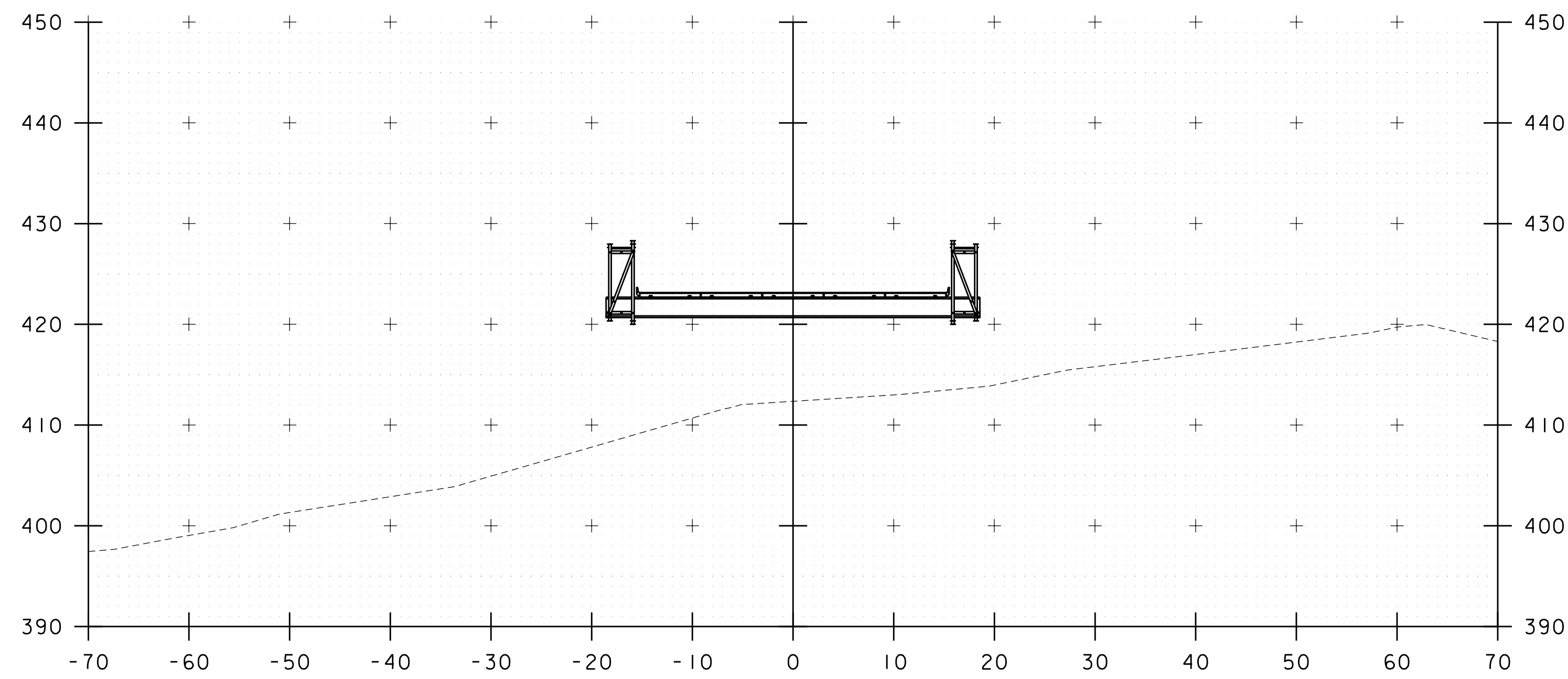
13+75



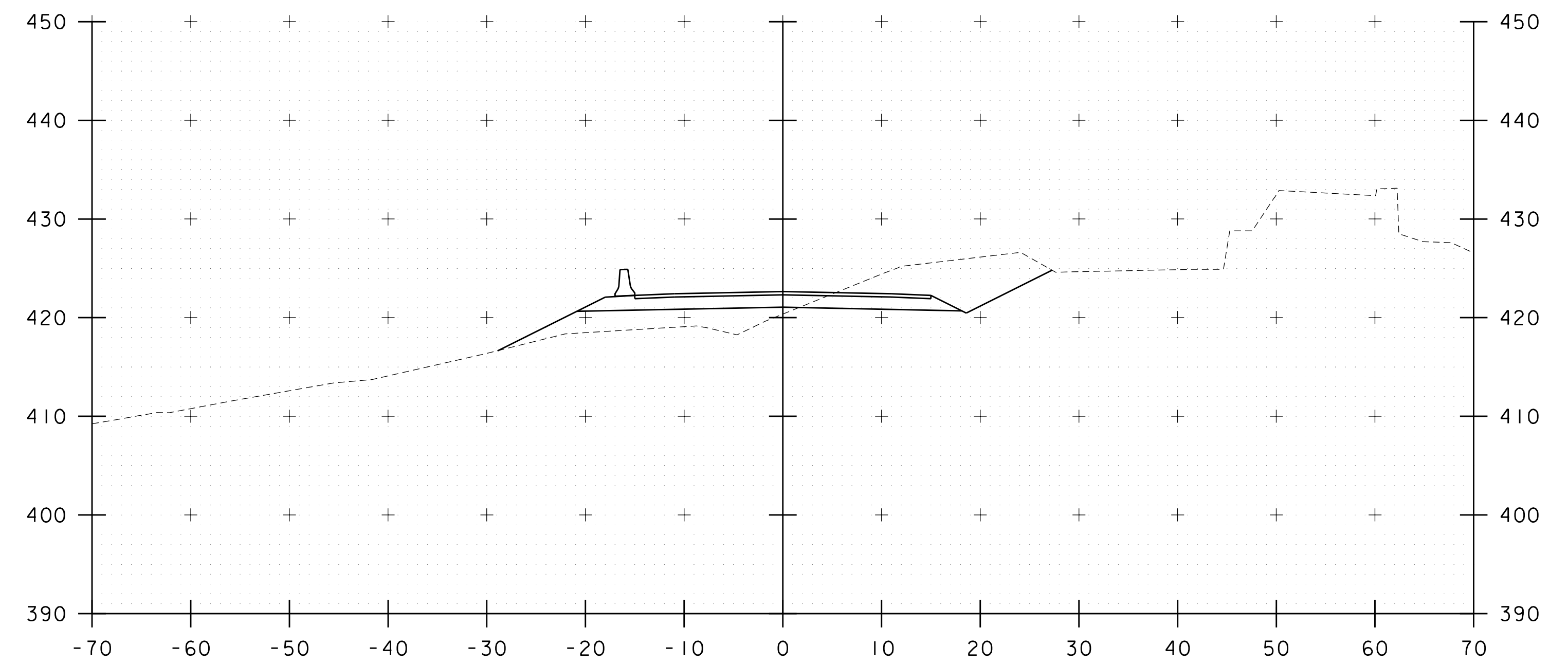
14+25

STA. 13+75 TO STA. 14+50

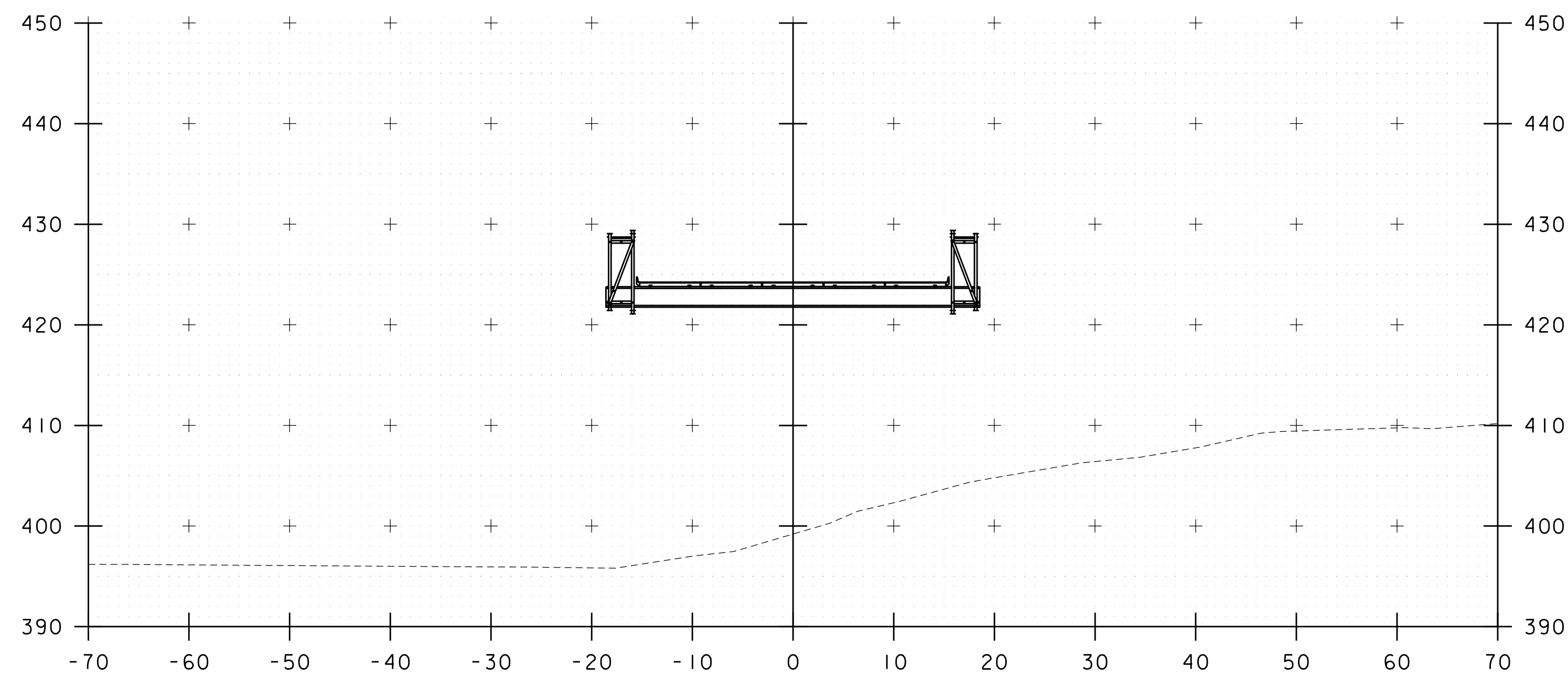
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 5	SHEET 30 OF 56



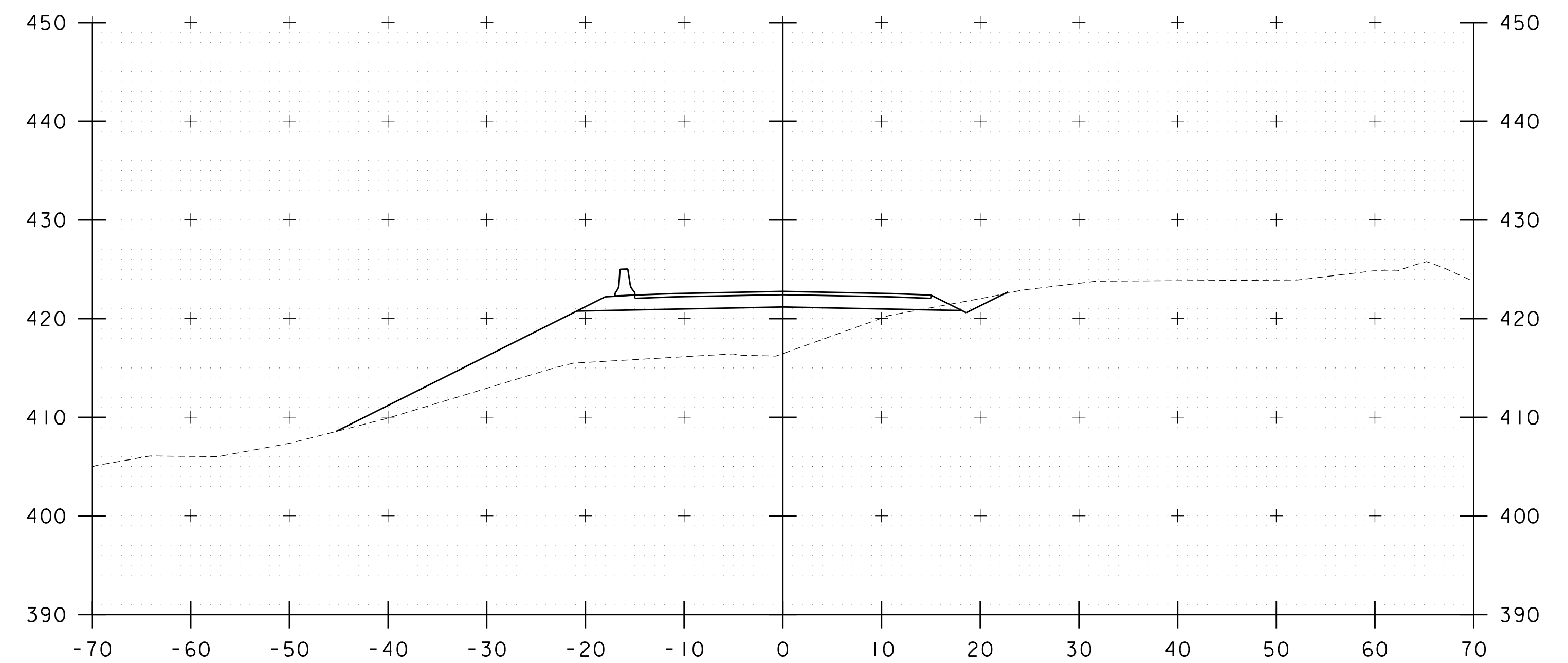
15+00



15+25



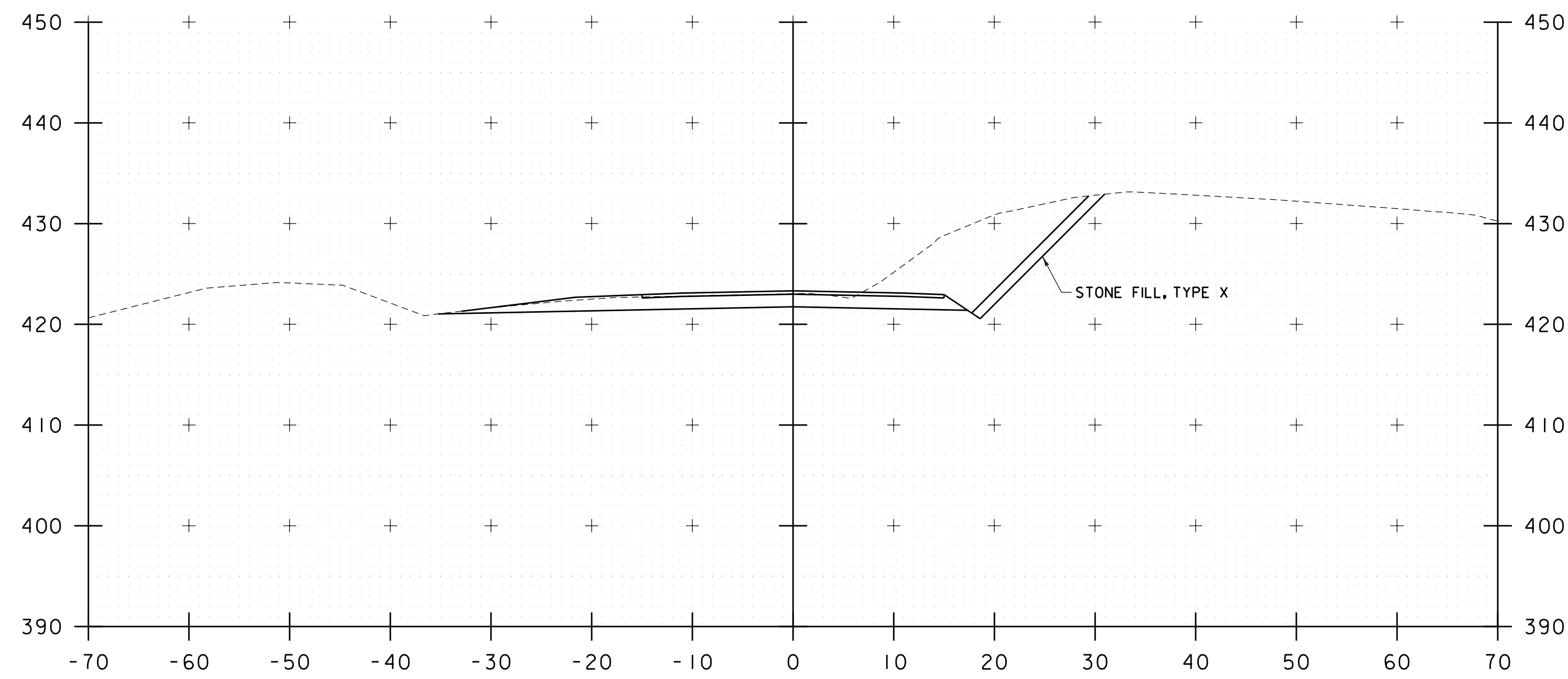
14+75



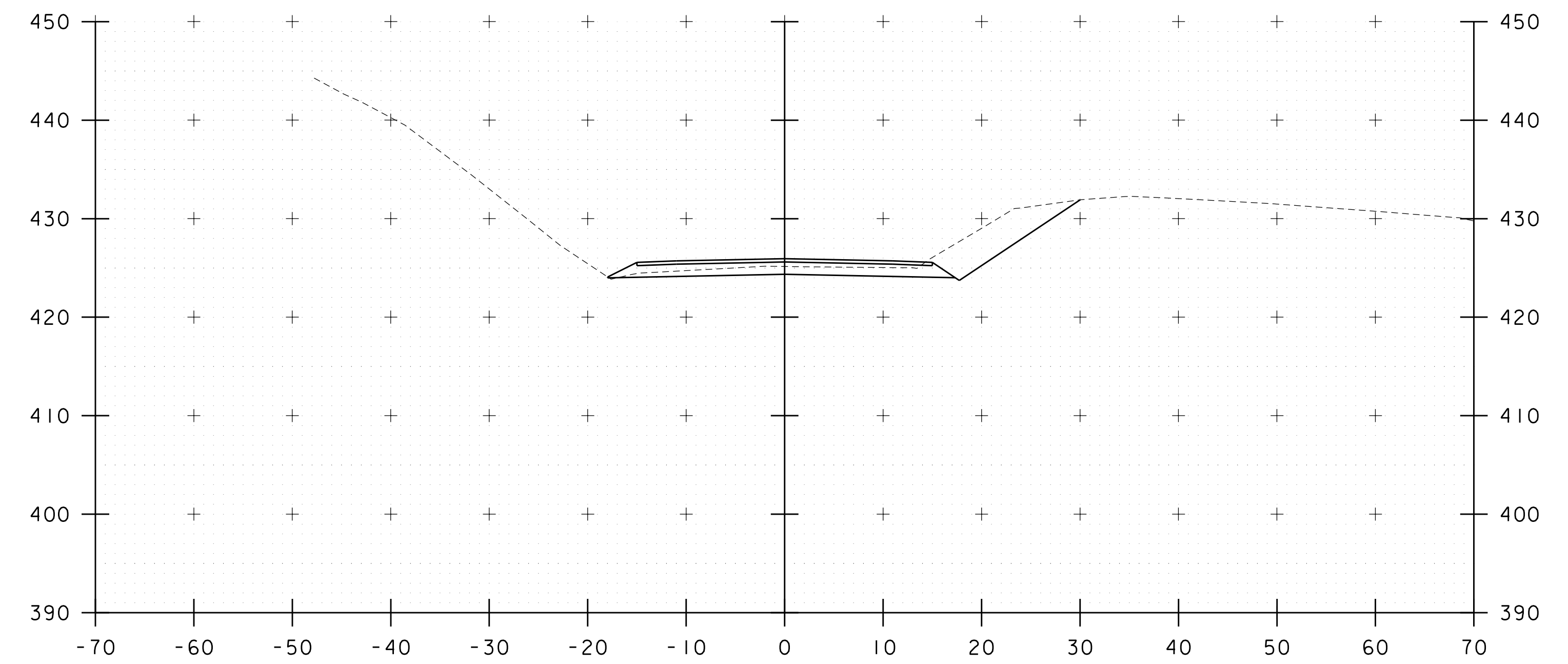
15+16

STA. 14+75 TO STA. 15+50

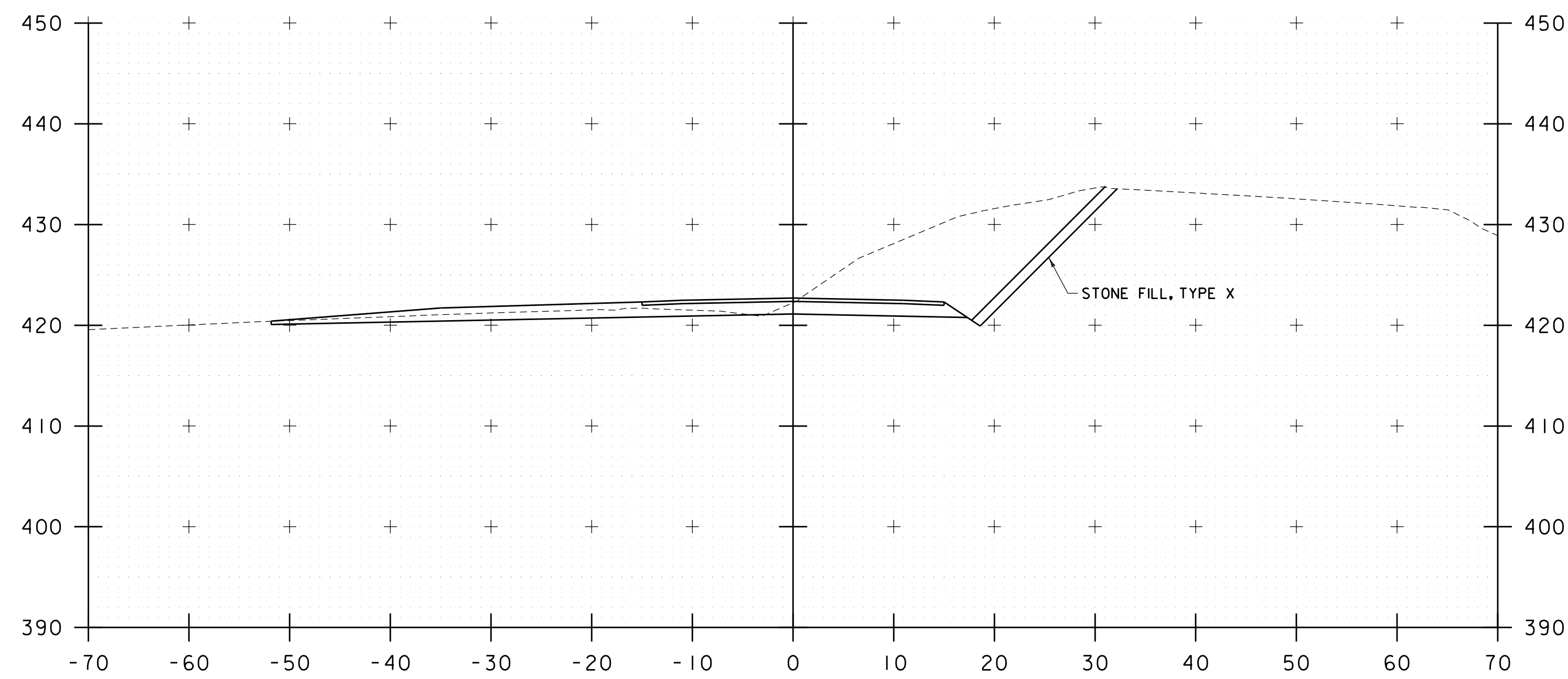
PROJECT NAME:	WATERBURY	PLOT DATE:	11/17/2020
PROJECT NUMBER:	BF 0284(33)	DRAWN BY:	G. CANTAVE
FILE NAME:	z12c602_xs.dgn	DESIGNED BY:	M. EVANS-MONGEON
PROJECT LEADER:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
DETOUR CROSS SECTION 6		SHEET	31 OF 56



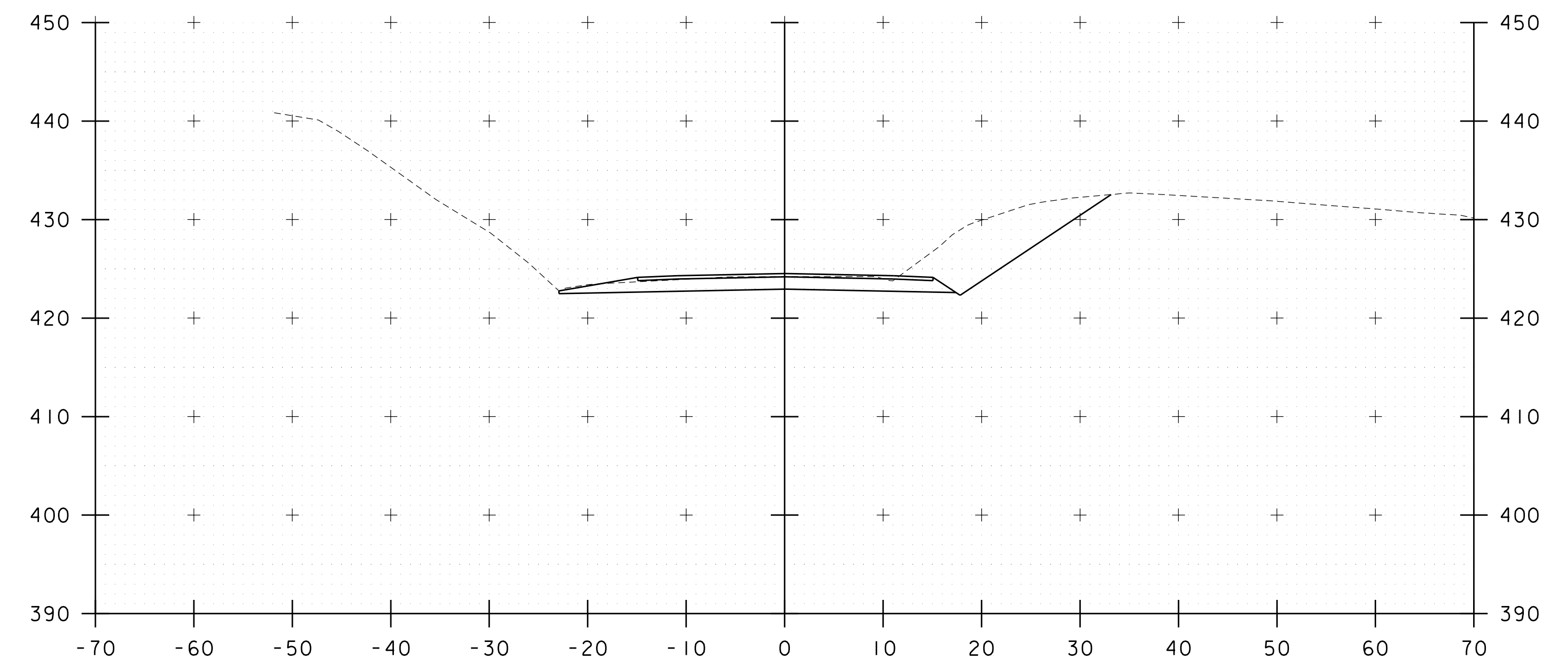
15+75



16+25



15+50

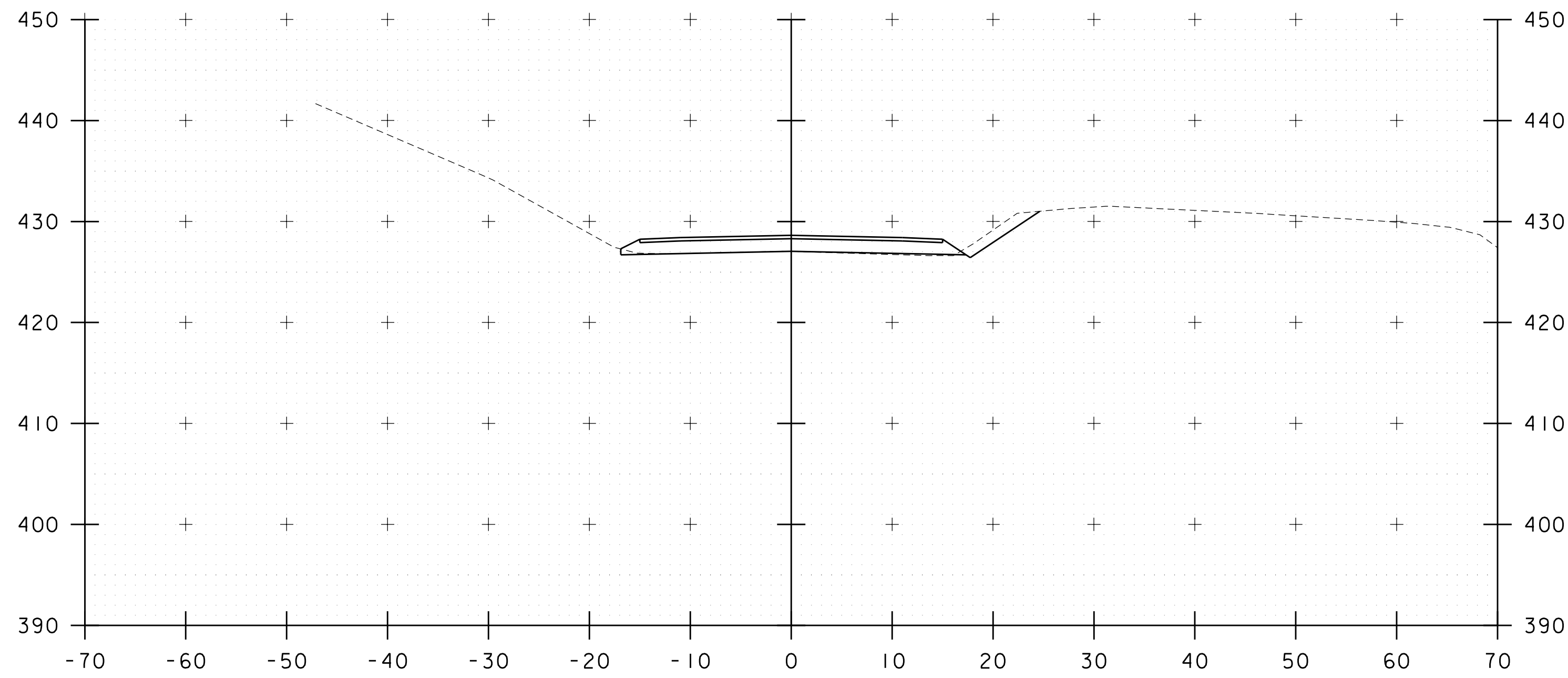


16+00

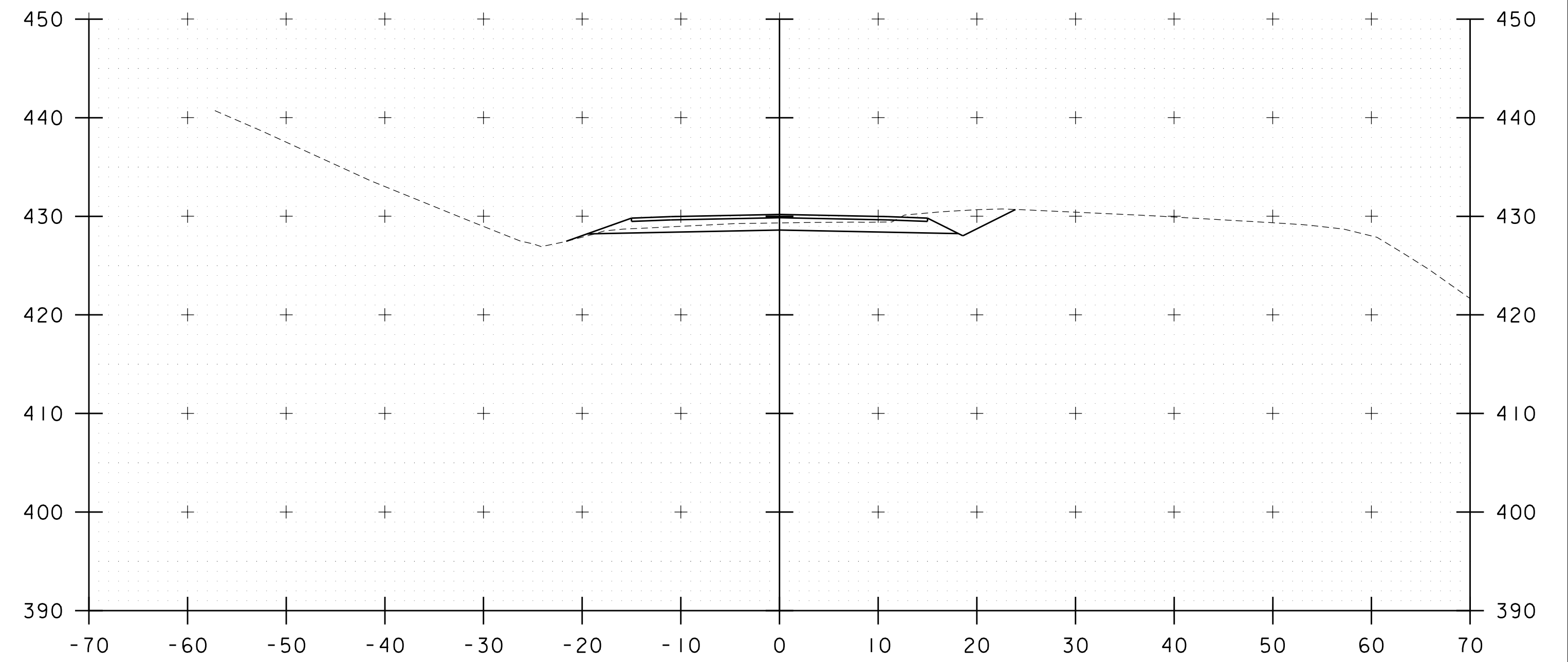
STA. 15+50 TO STA. 16+25

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 7	SHEET 32 OF 56

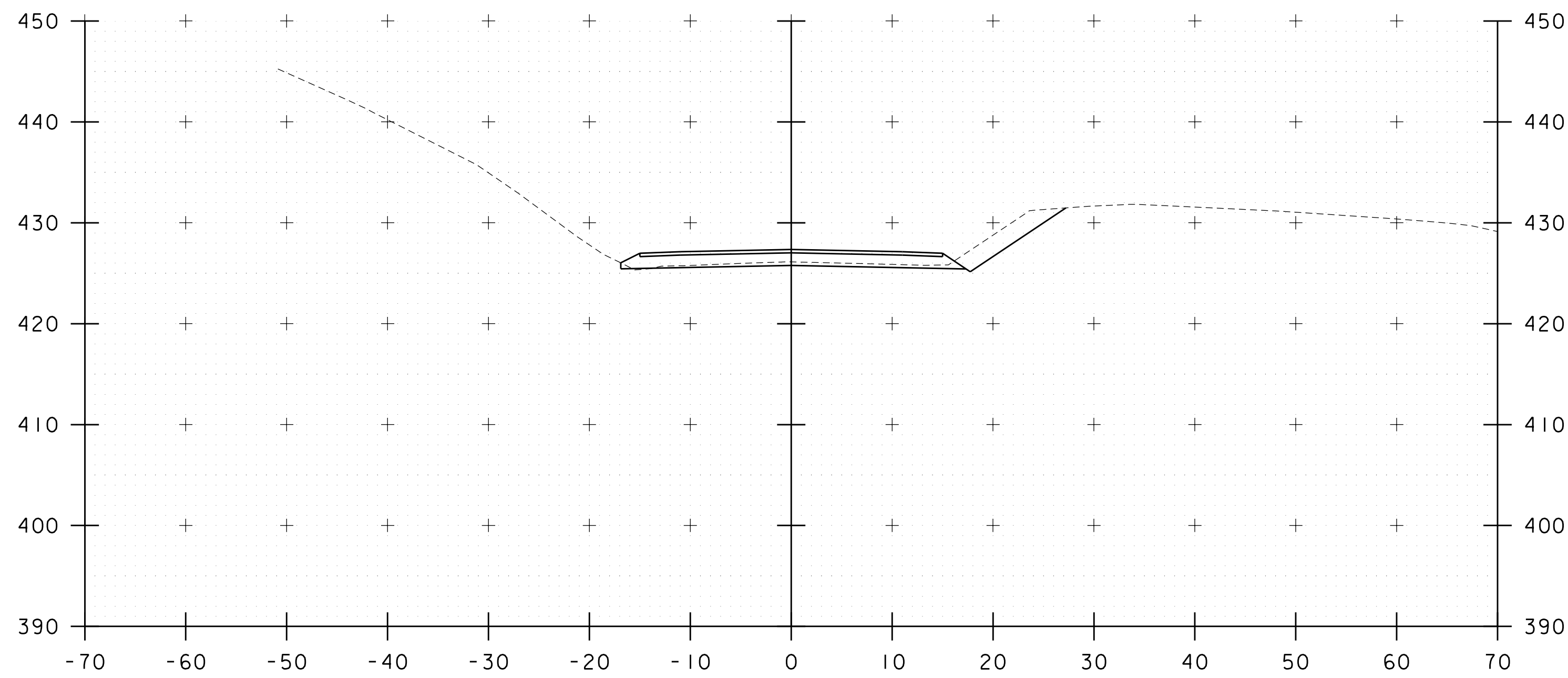




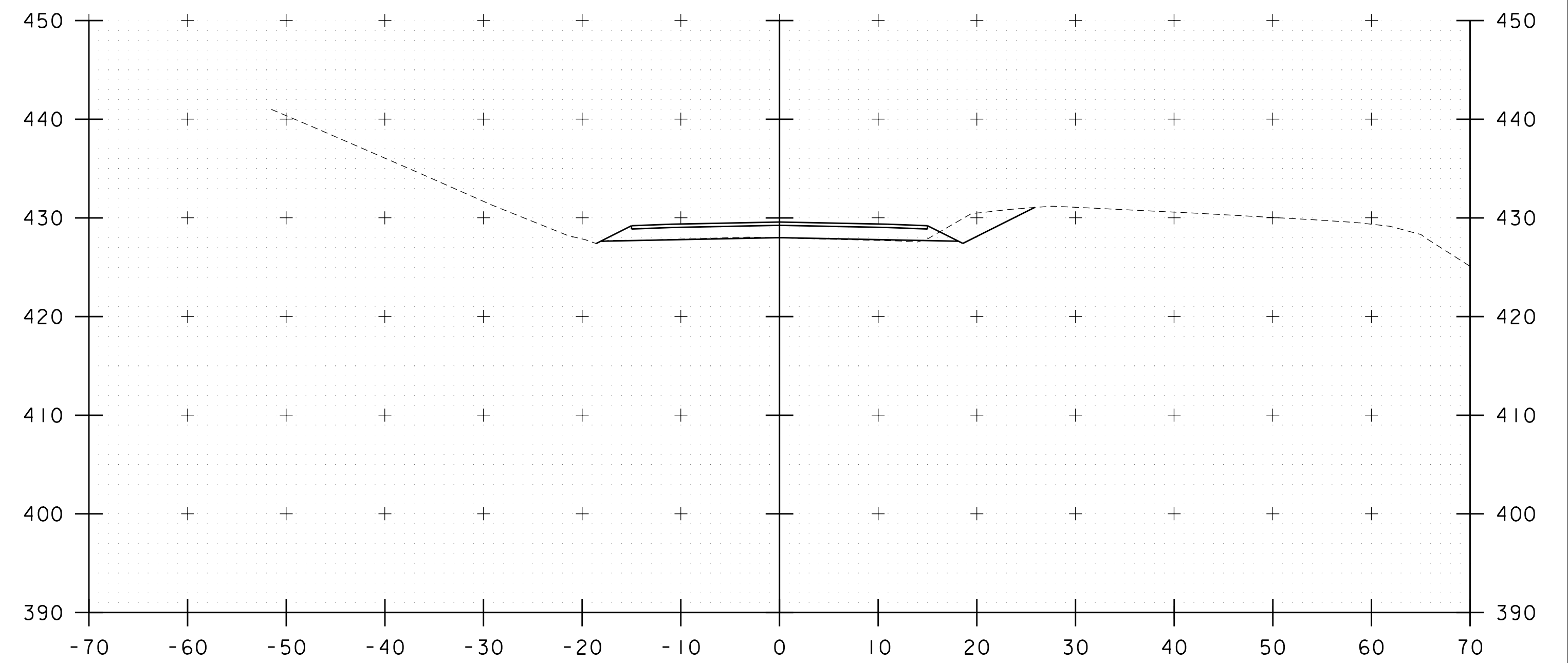
16+75



17+25



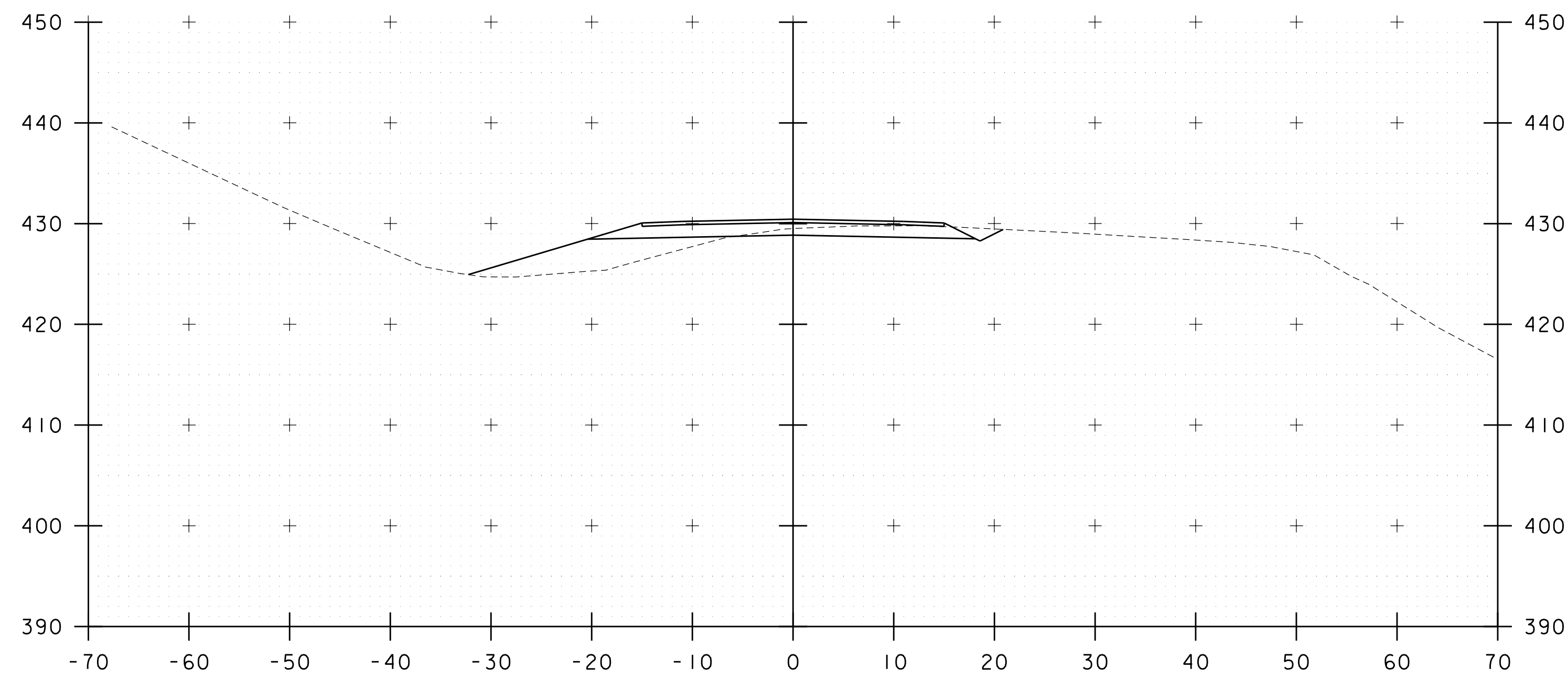
16+50



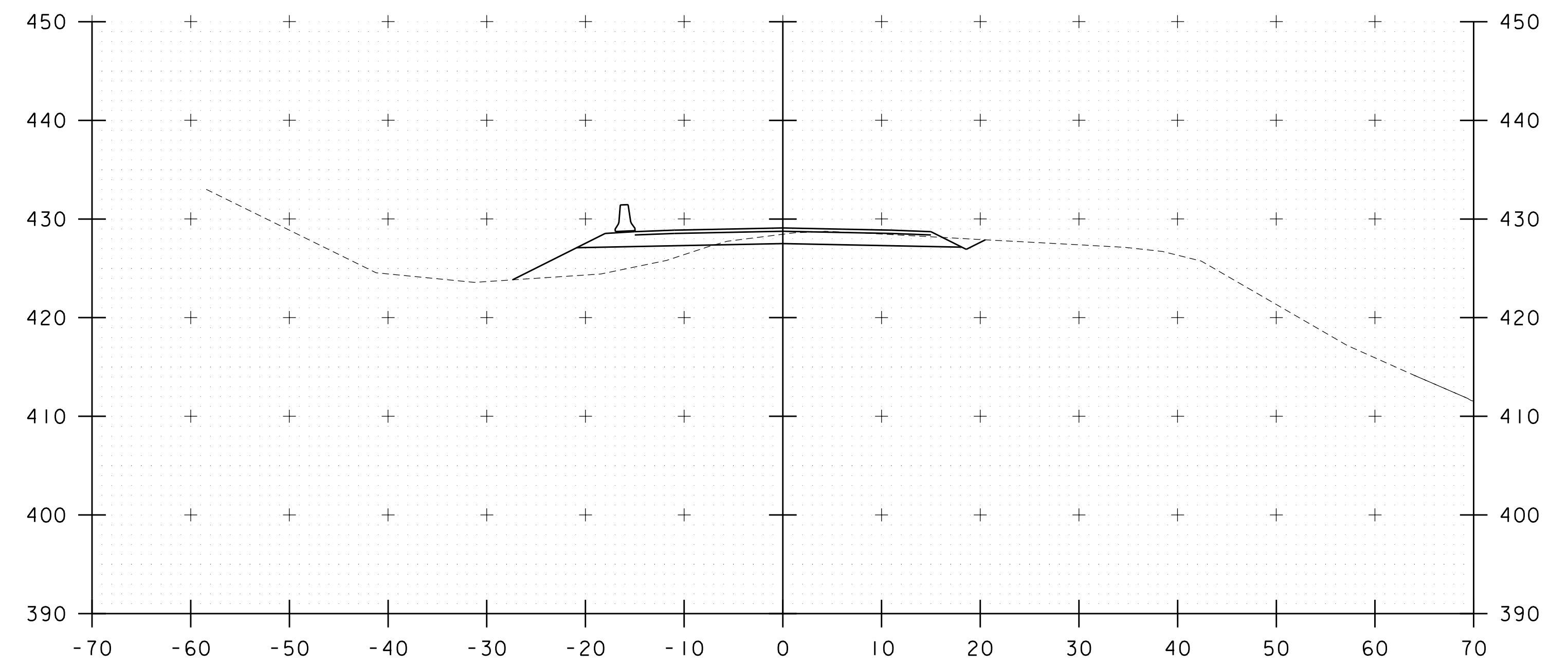
17+00

STA. 16+50 TO STA. 17+25

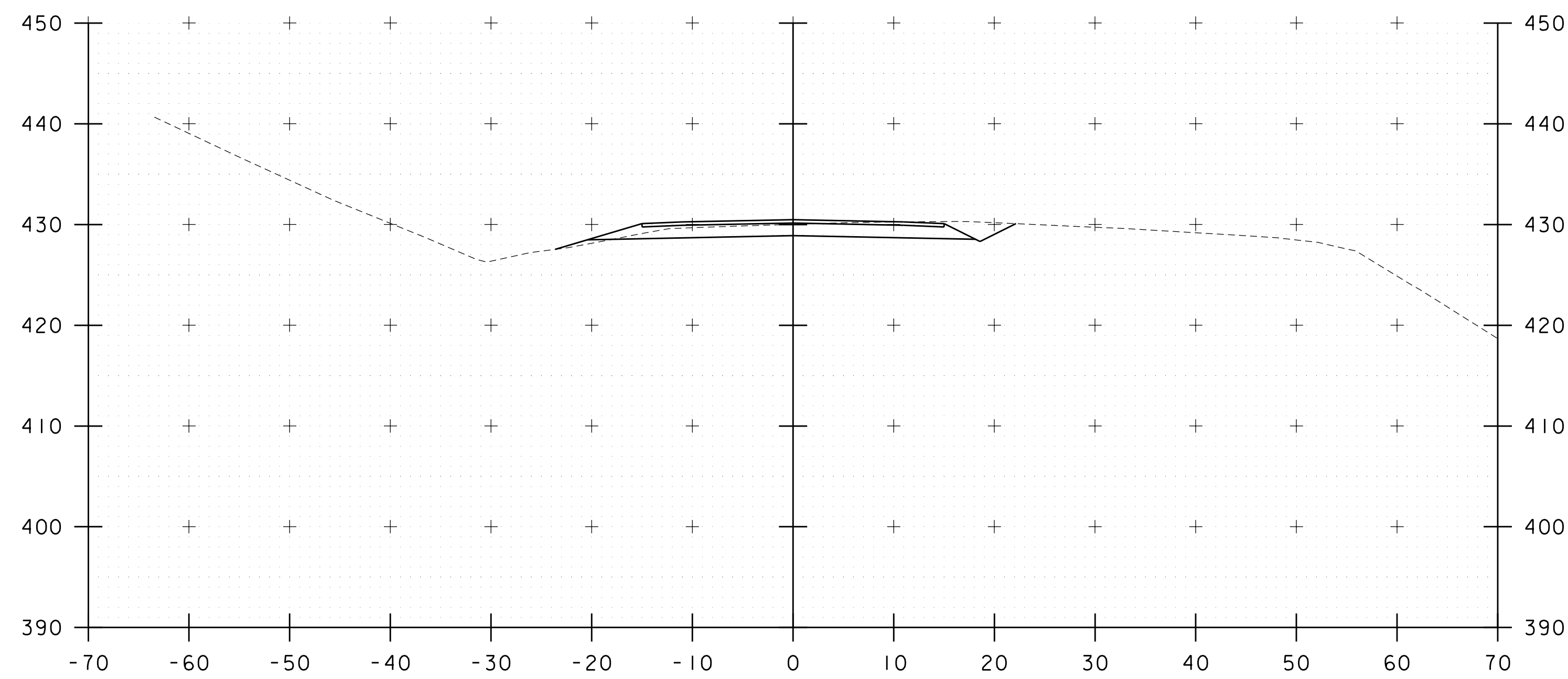
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 8	SHEET 33 OF 56



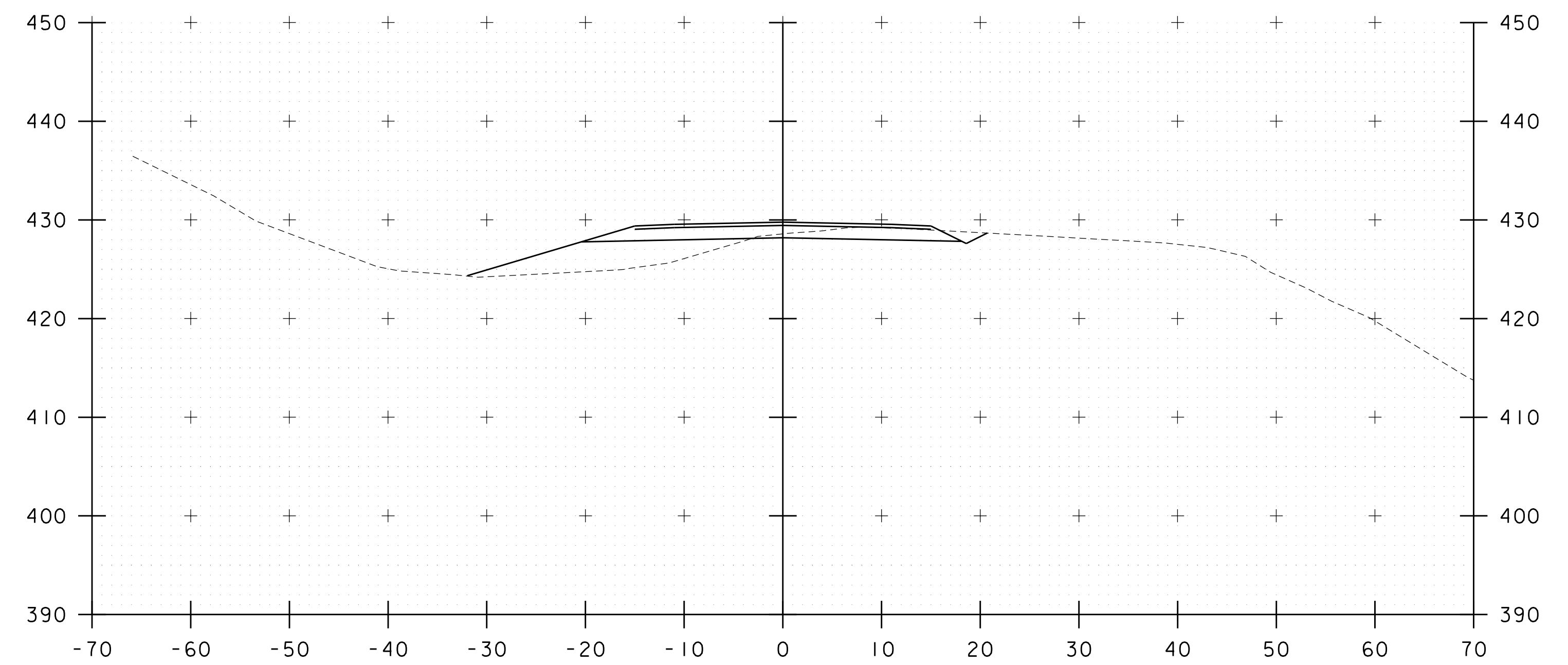
17+75



18+25



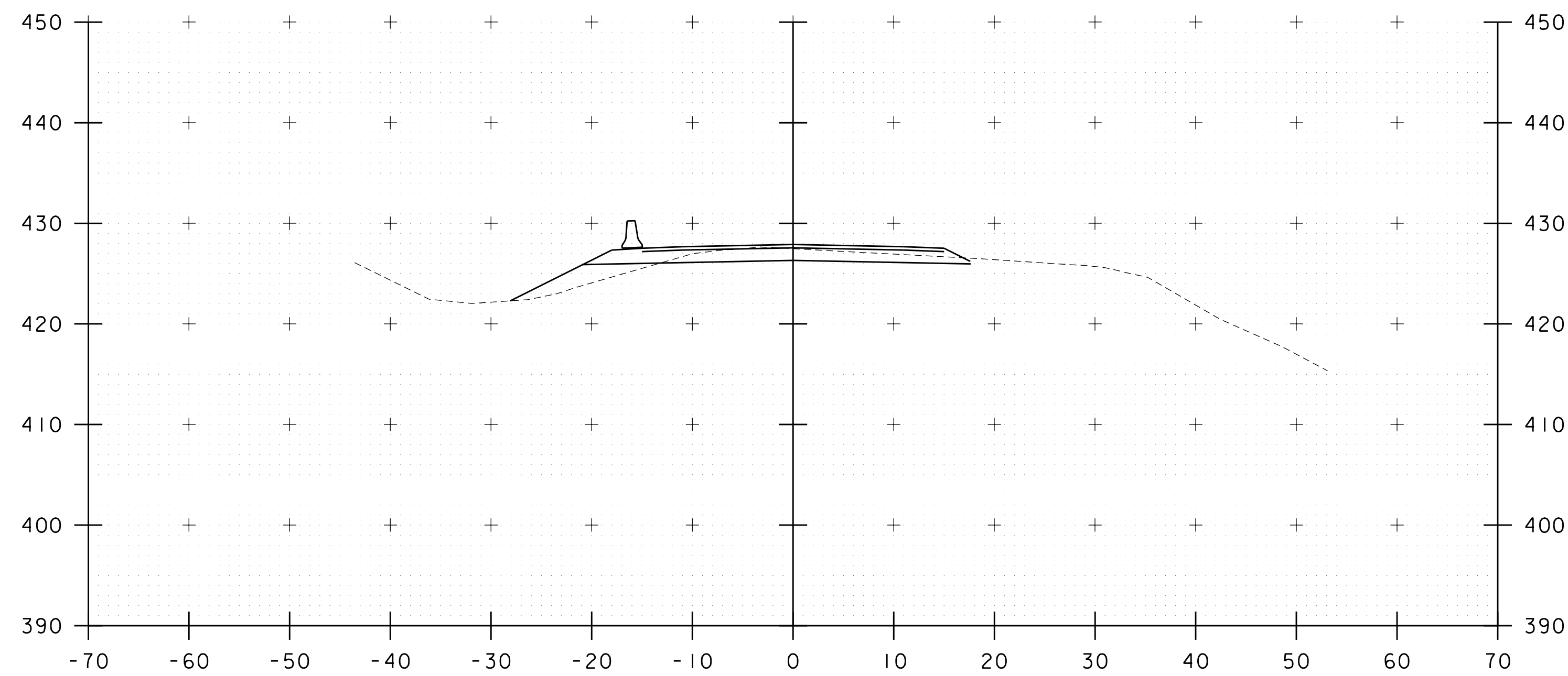
17+50



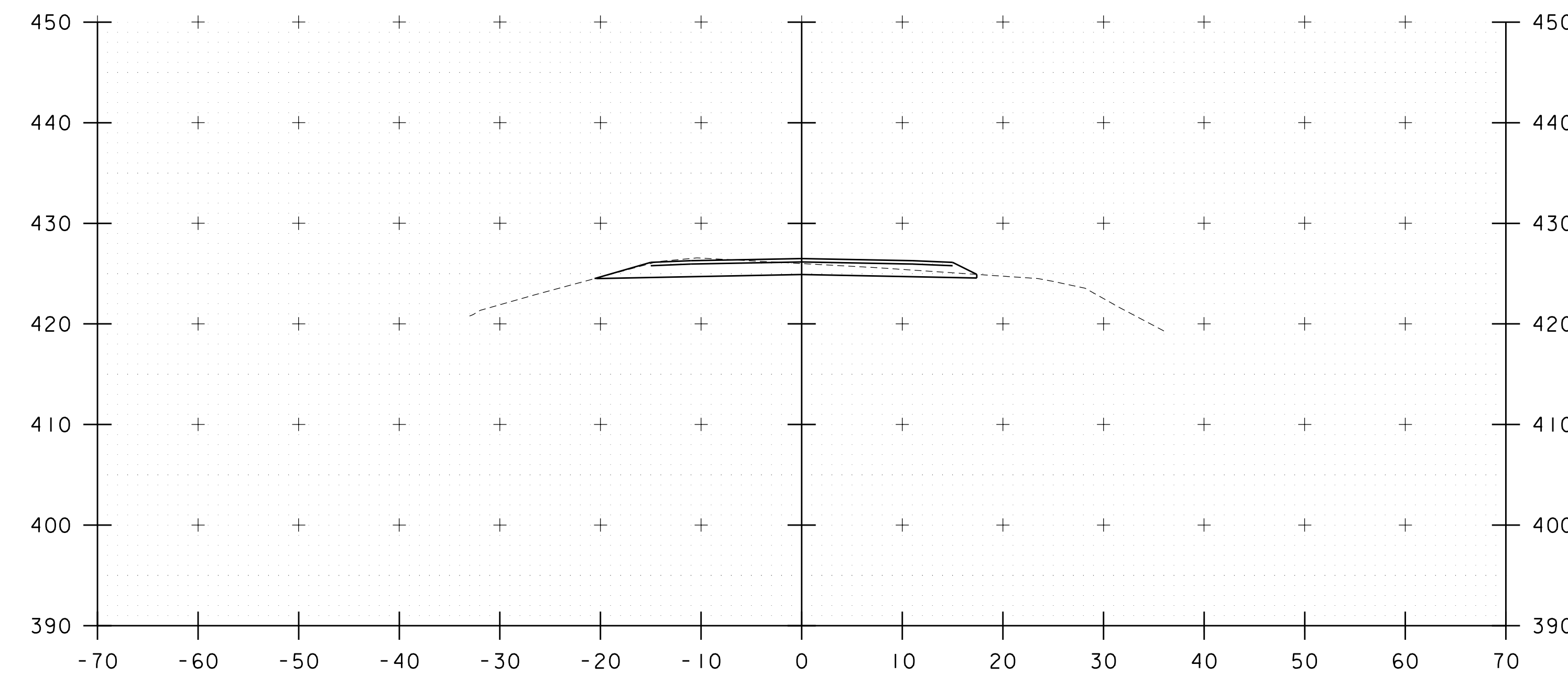
18+00

STA. 17+50 TO STA. 18+25

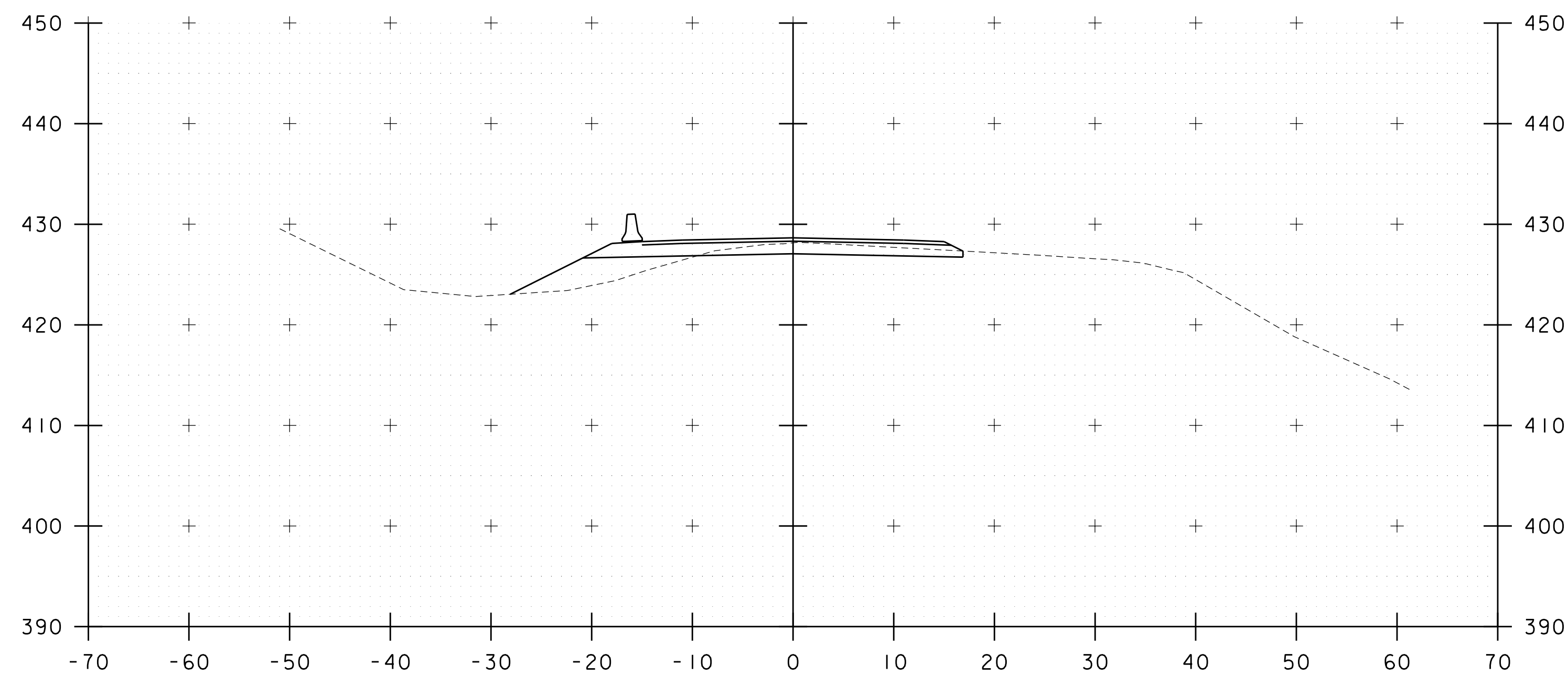
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 9	SHEET 34 OF 56



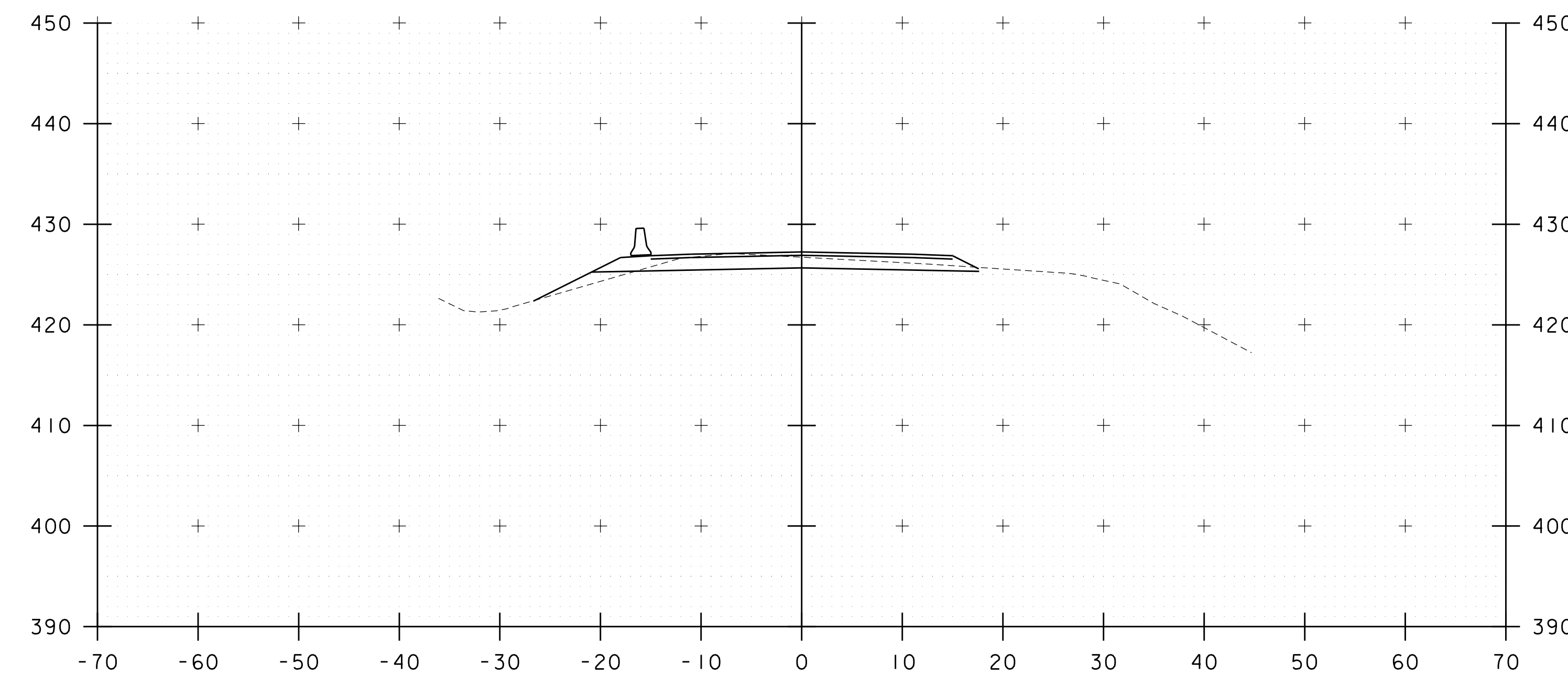
18+75



19+25



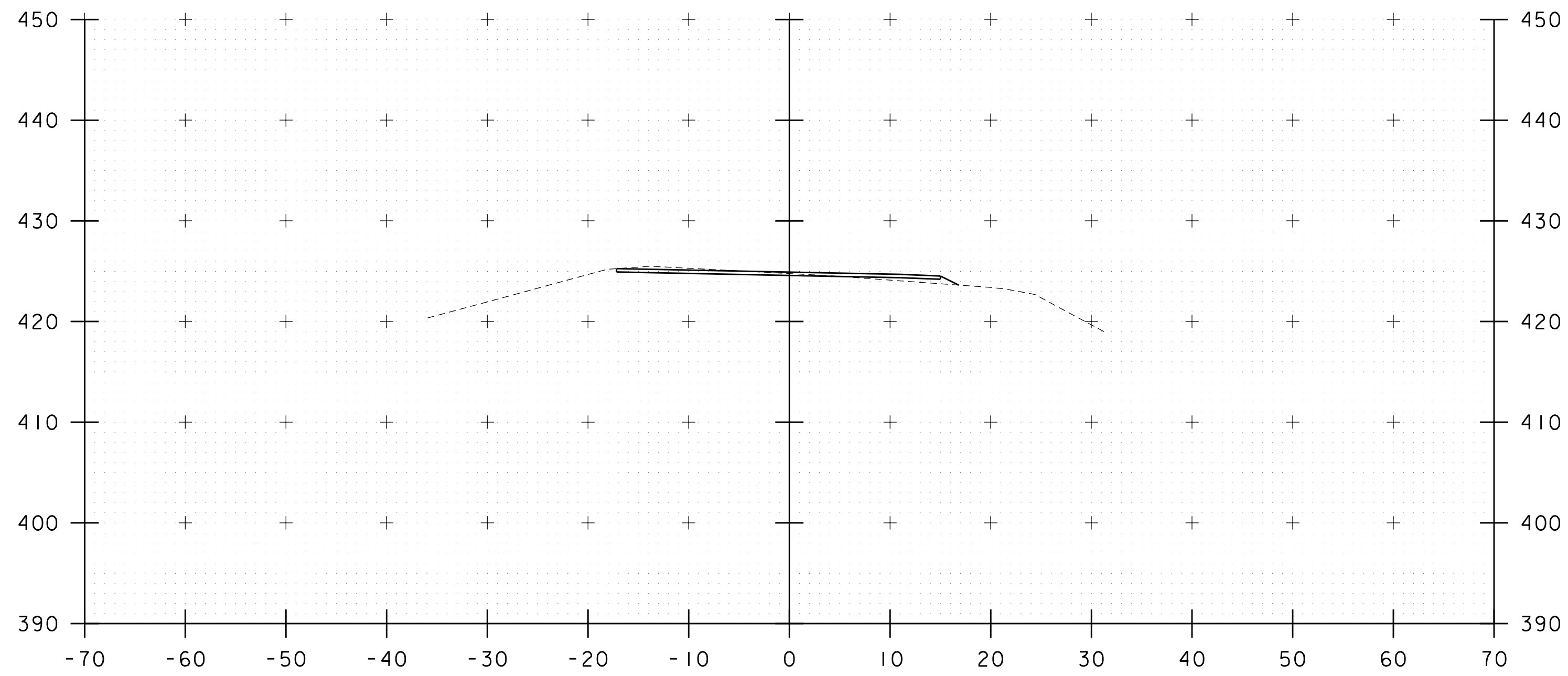
18+50



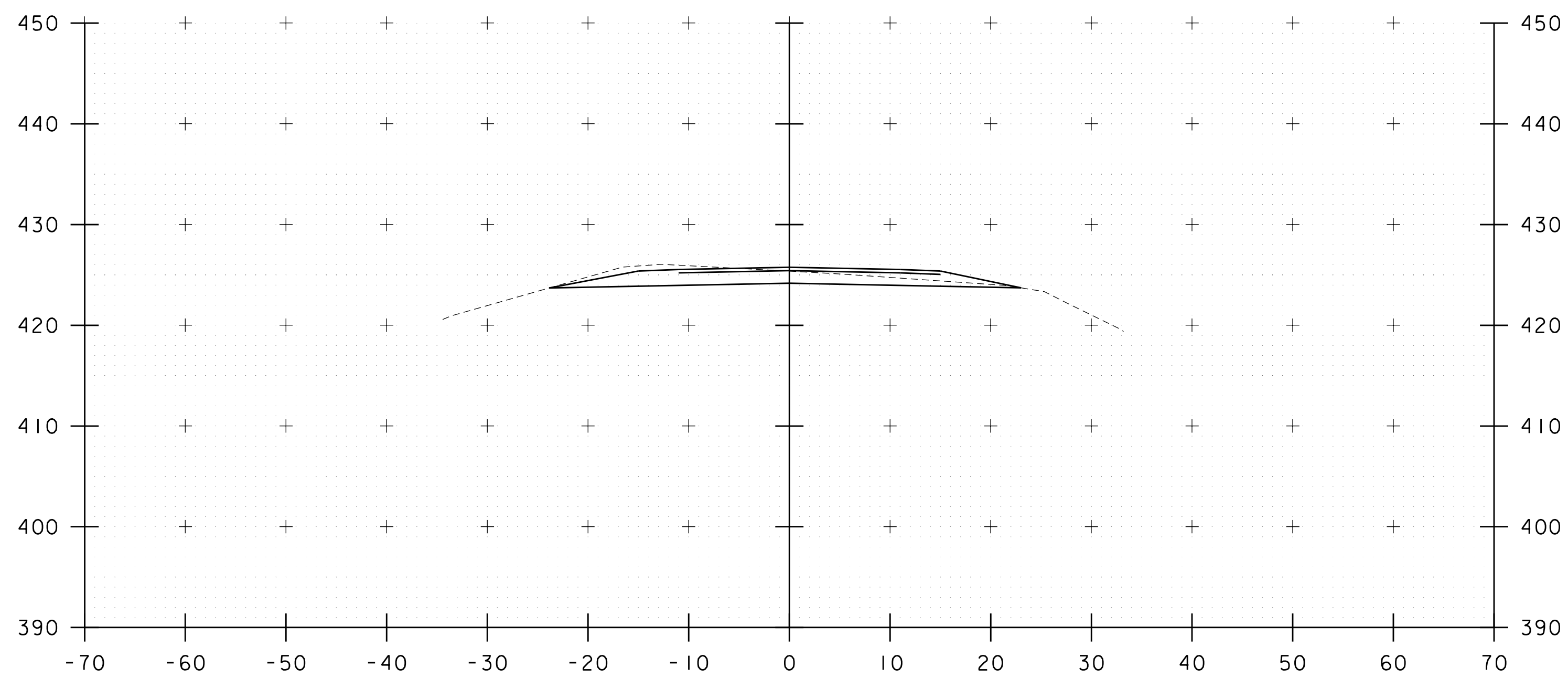
19+00

STA. 18+50 TO STA. 19+25

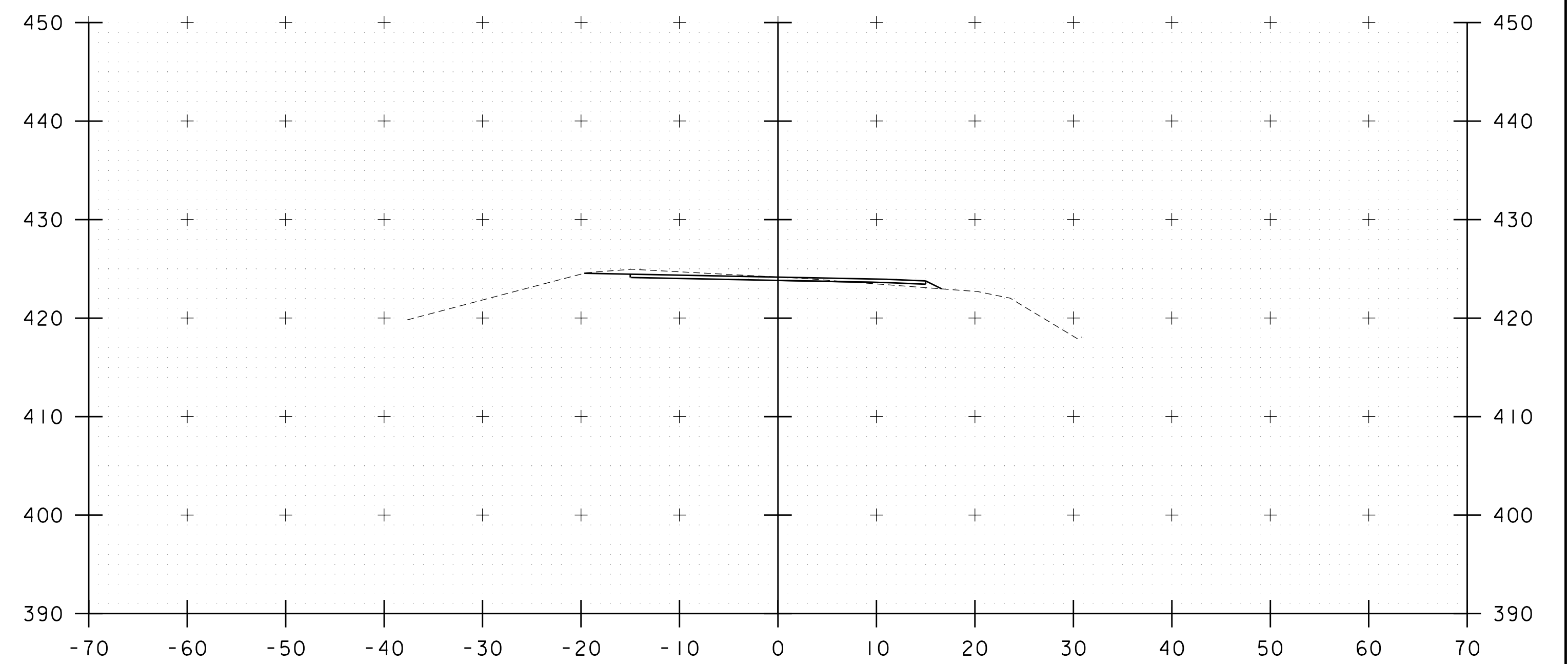
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION 10	SHEET 35 OF 56



19+75



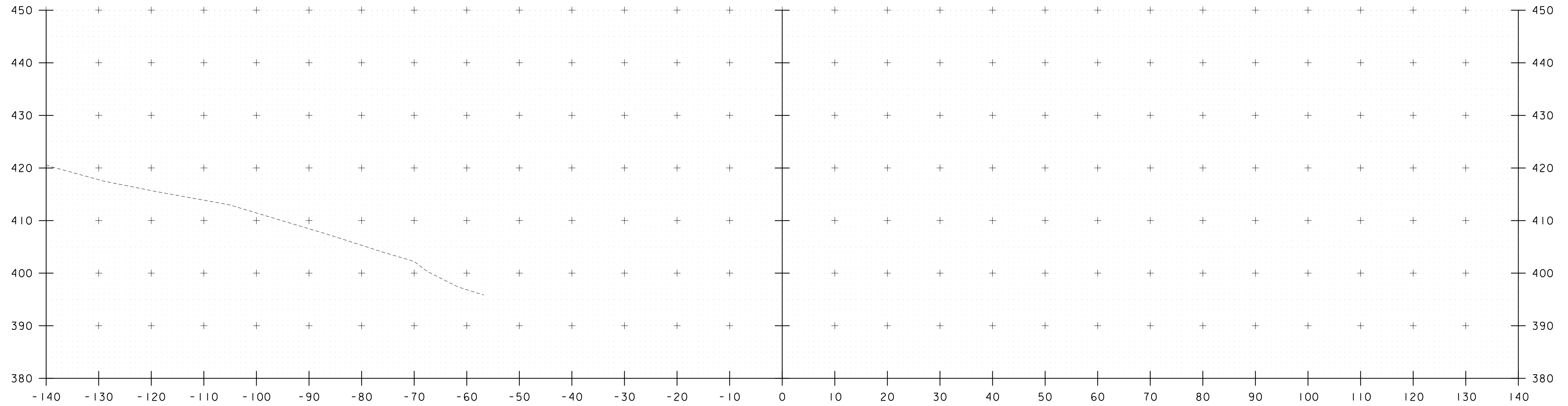
19+50



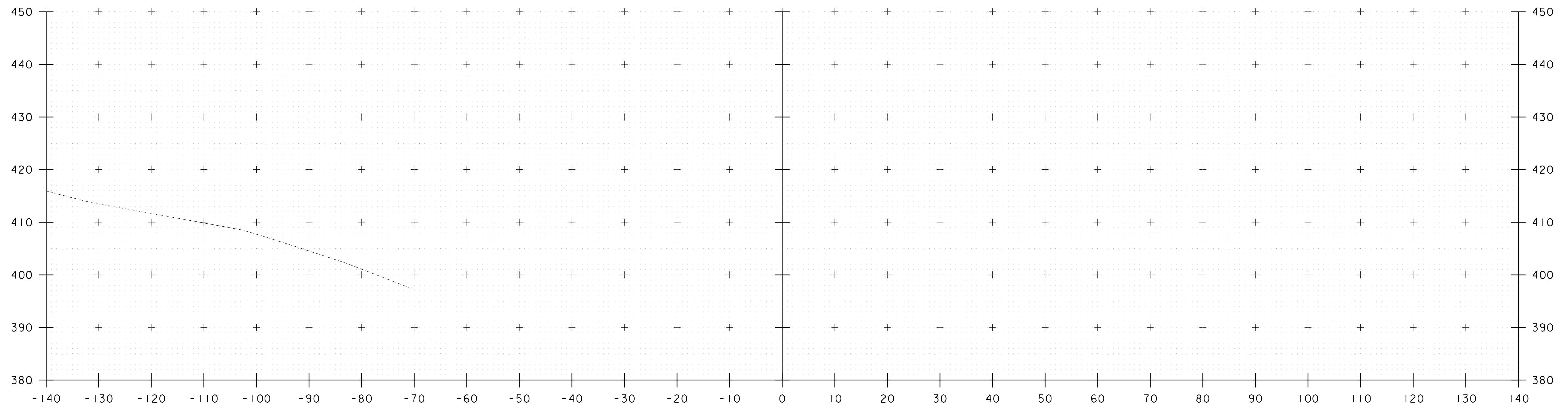
20+00

STA. 19+50 TO STA. 20+00

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
DETOUR CROSS SECTION II	SHEET 36 OF 56



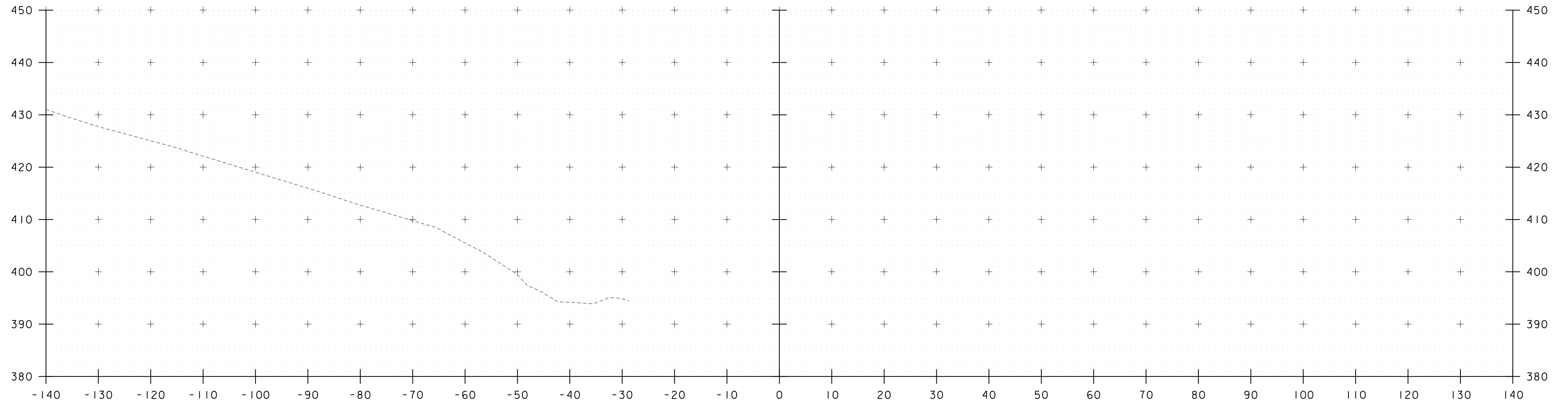
50+10



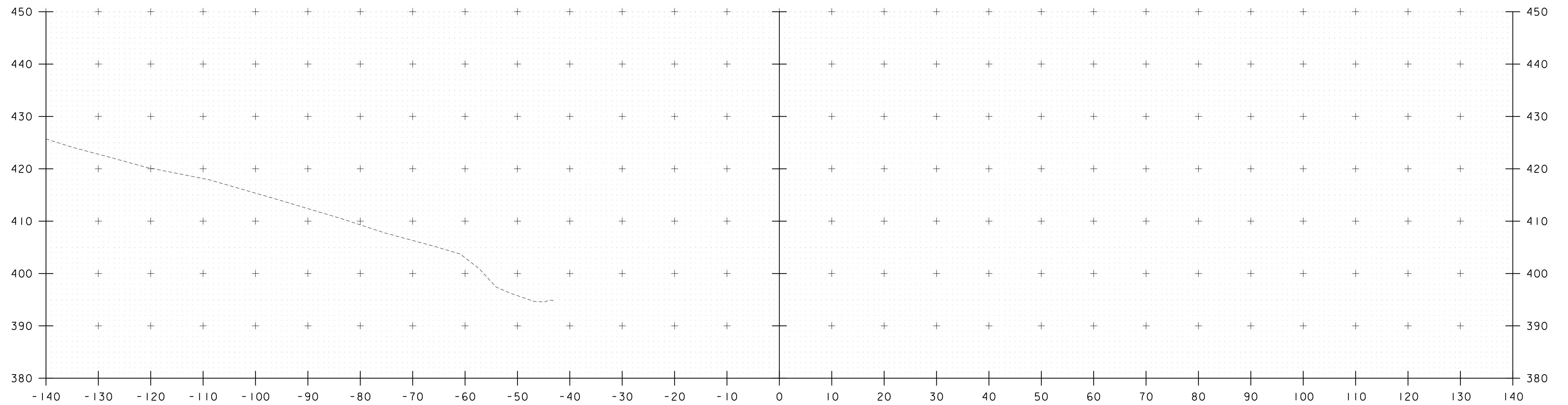
50+00

STA. 50+00 TO STA. 50+10

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION I	SHEET 37 OF 56



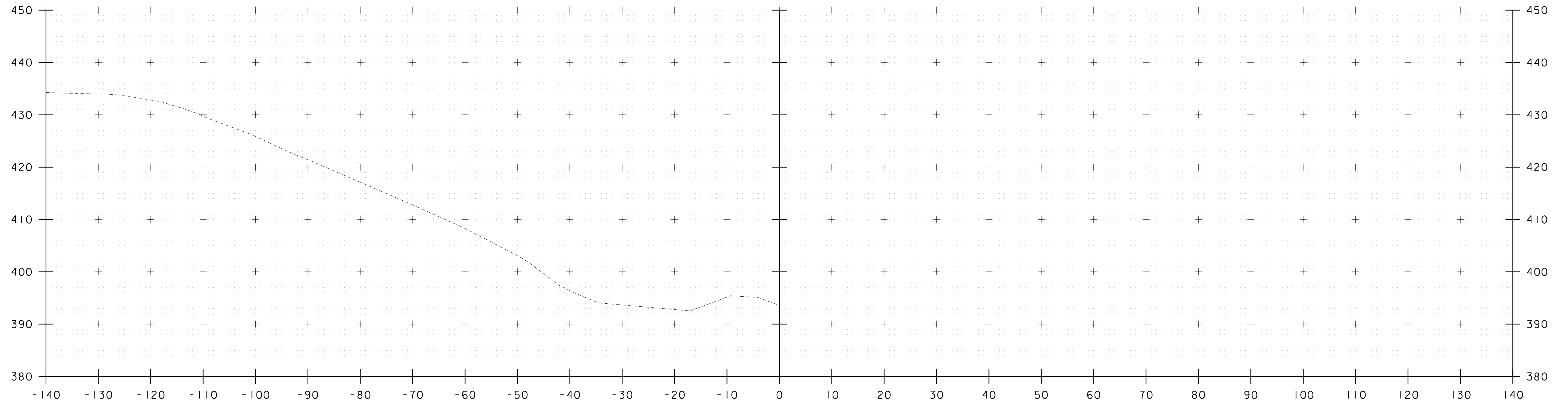
50+30



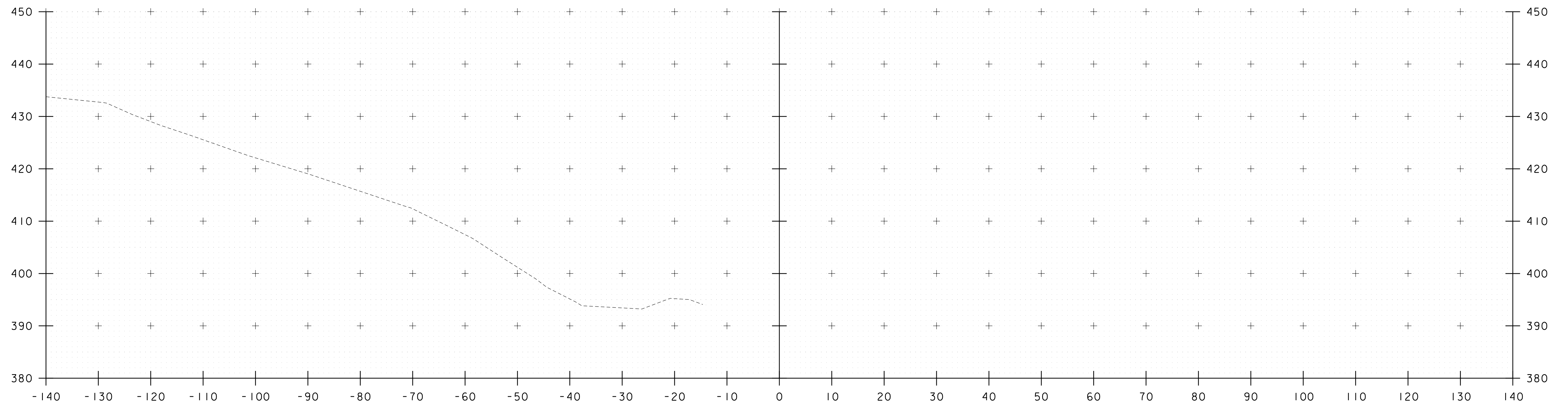
50+20

STA. 50+20 TO STA. 50+30

PROJECT NAME:	WATERBURY	PLOT DATE:	11/17/2020
PROJECT NUMBER:	BF 0284(33)	DRAWN BY:	G. CANTAVE
FILE NAME:	z12c602_xs.dgn	CHECKED BY:	J. HALL
PROJECT LEADER:	M. EVANS-MONGEON	SHEET	38 OF 56
DESIGNED BY:	M. EVANS-MONGEON		
CHANNEL SECTION 2			



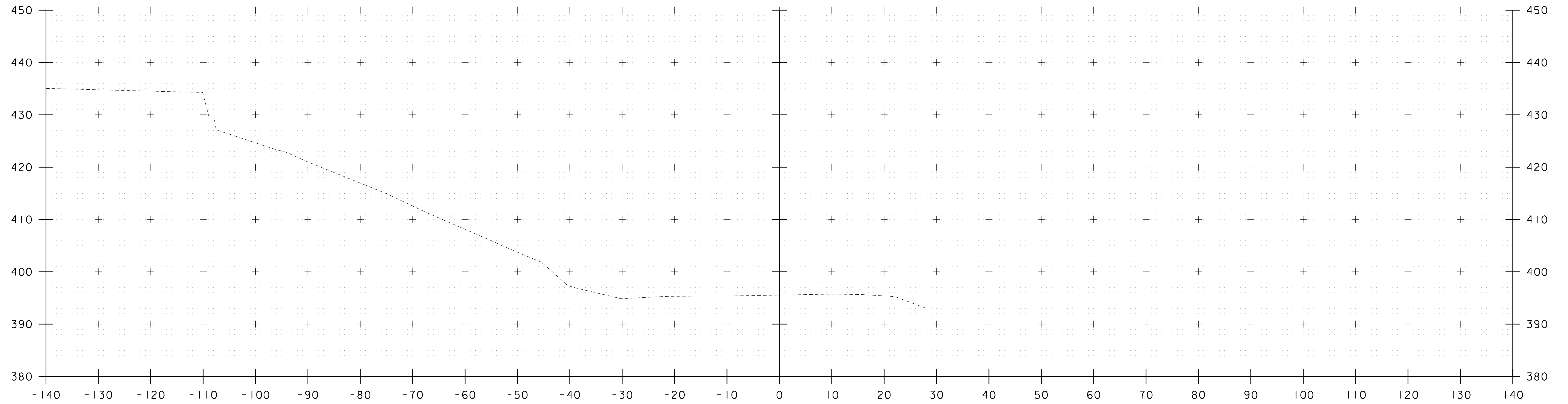
50+50



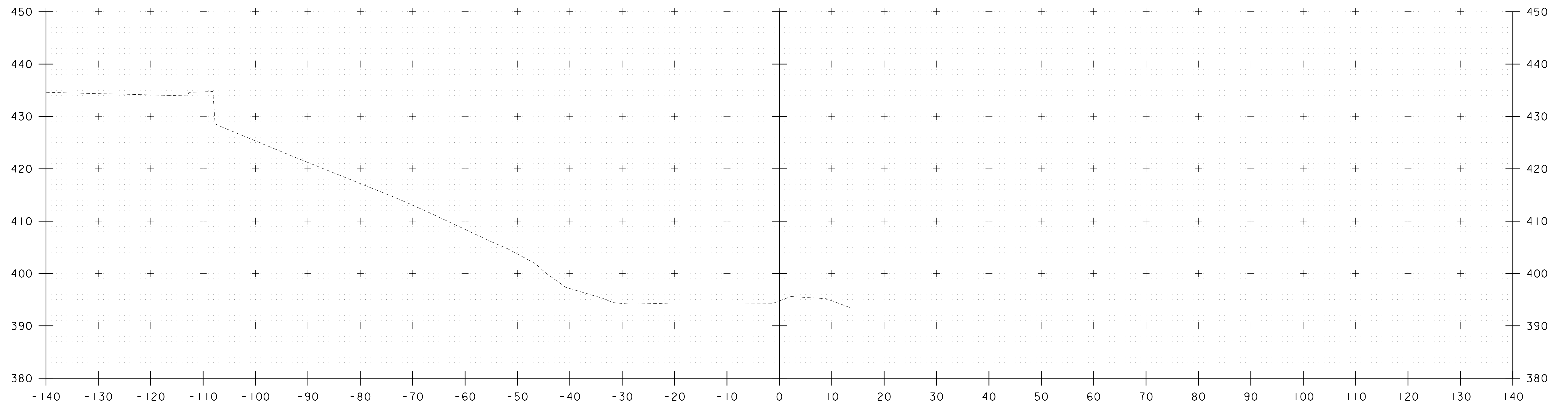
50+40

STA. 50+40 TO STA. 50+50

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 3	SHEET 39 OF 56



50+70

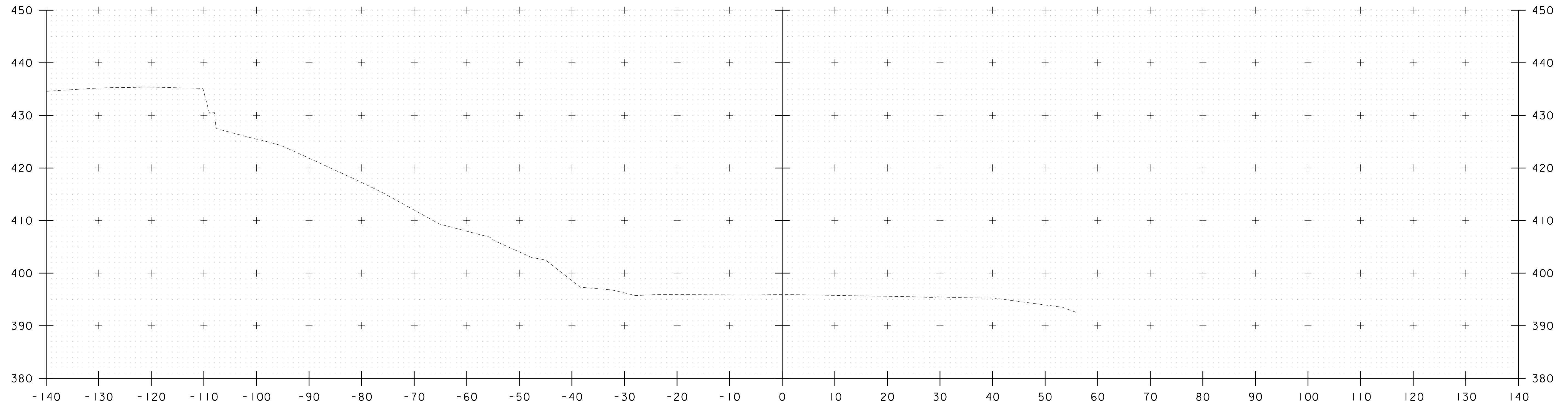


50+60

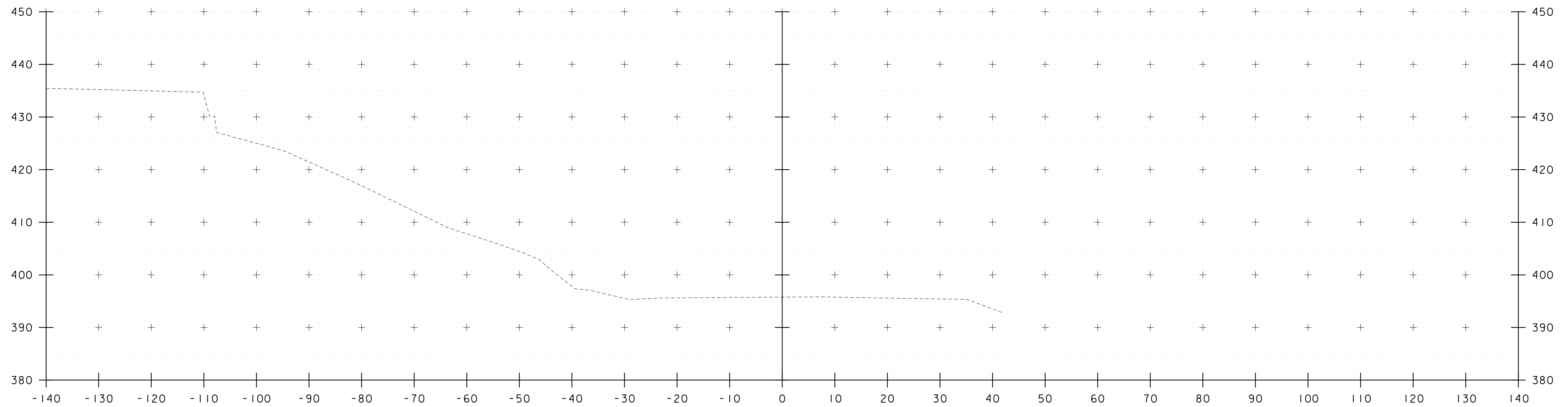
STA. 50+60 TO STA. 50+70

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 4	SHEET 40 OF 56





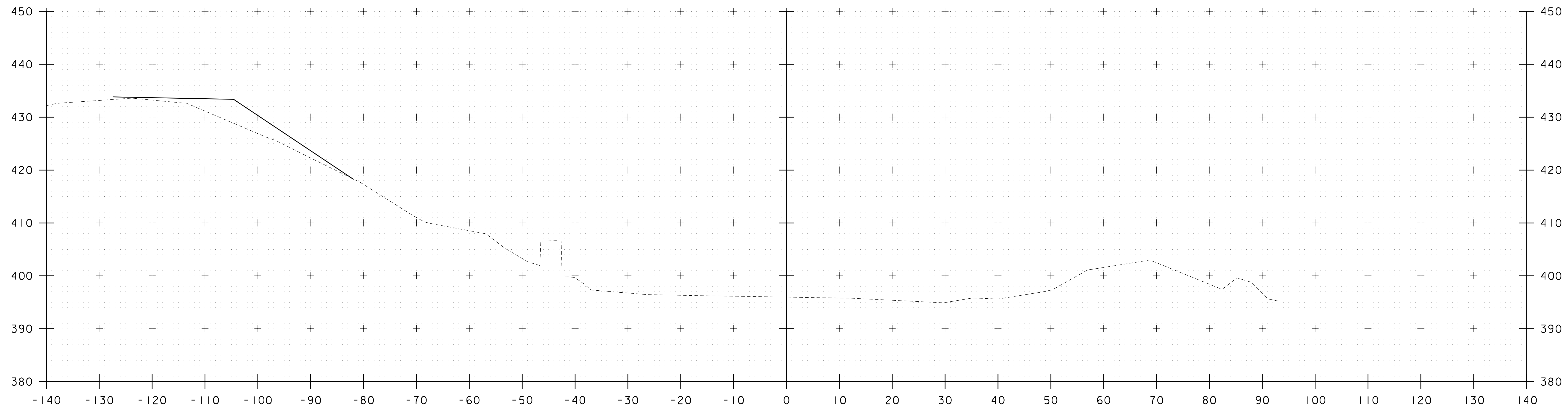
50+90



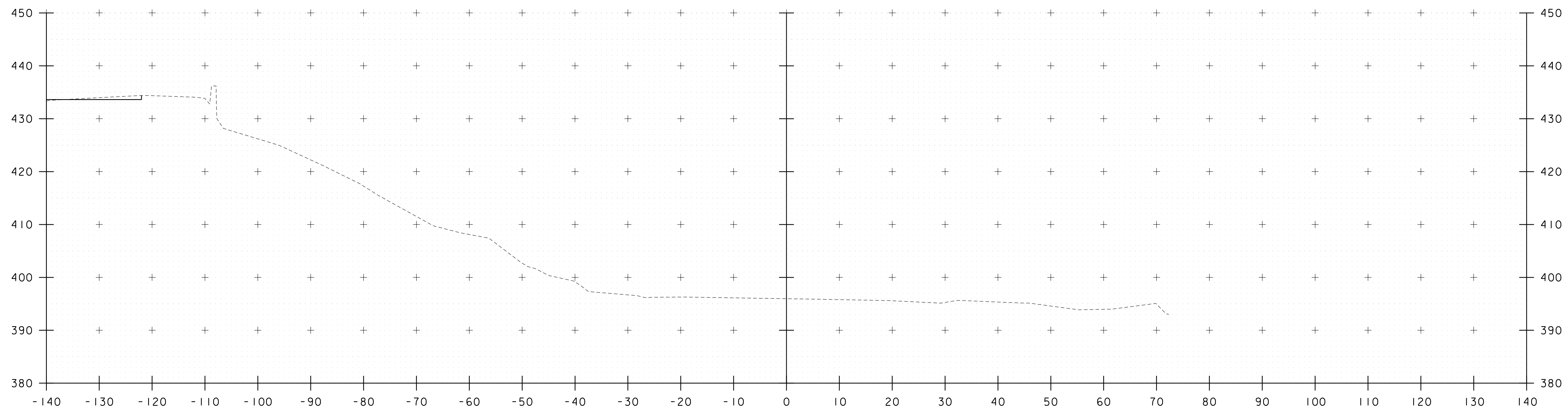
50+80

STA. 50+80 TO STA. 50+90

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 5	SHEET 41 OF 56



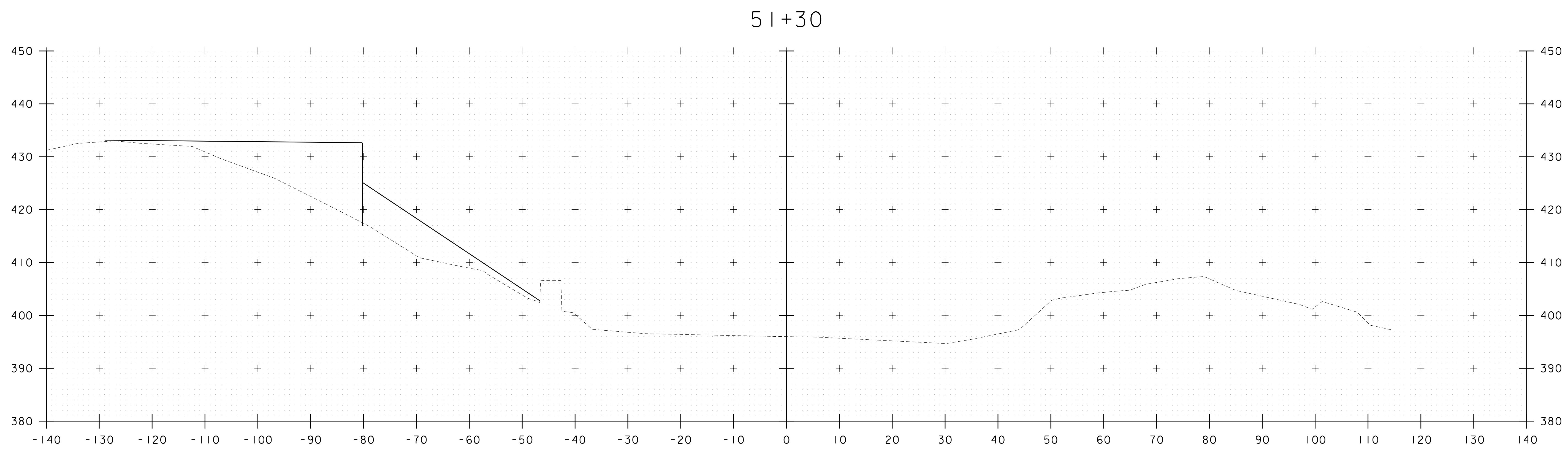
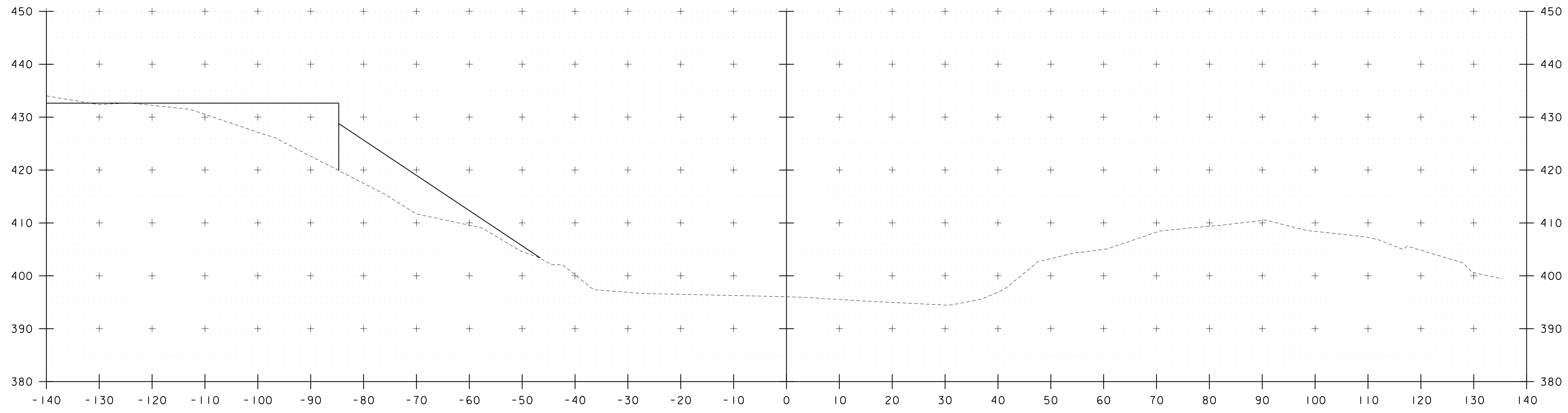
51+10



51+00

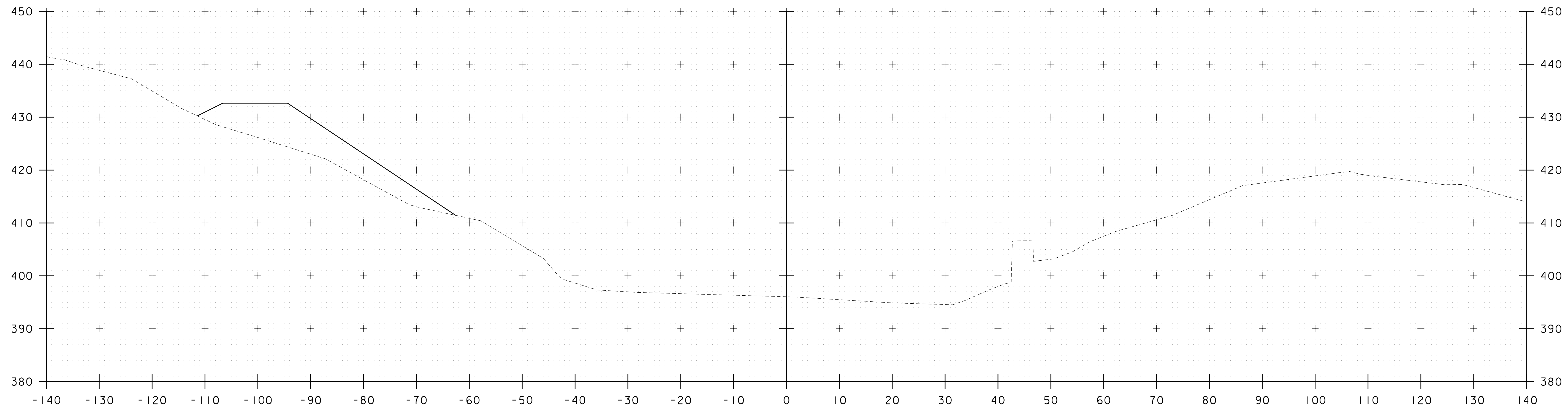
STA. 51+00 TO STA. 51+10

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 6	SHEET 42 OF 56

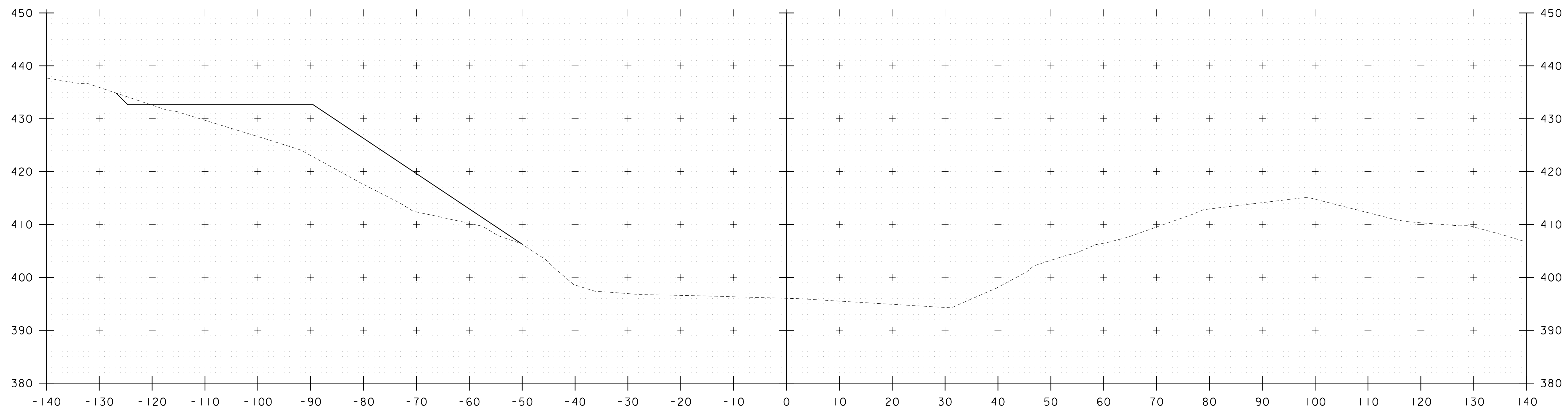


STA. 51+20 TO STA. 51+30

PROJECT NAME:	WATERBURY	PLOT DATE:	11/17/2020
PROJECT NUMBER:	BF 0284(33)	DRAWN BY:	G. CANTAVE
FILE NAME:	z12c602_xs.dgn	DESIGNED BY:	M. EVANS-MONGEON
PROJECT LEADER:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
CHANNEL SECTION 7		SHEET	43 OF 56



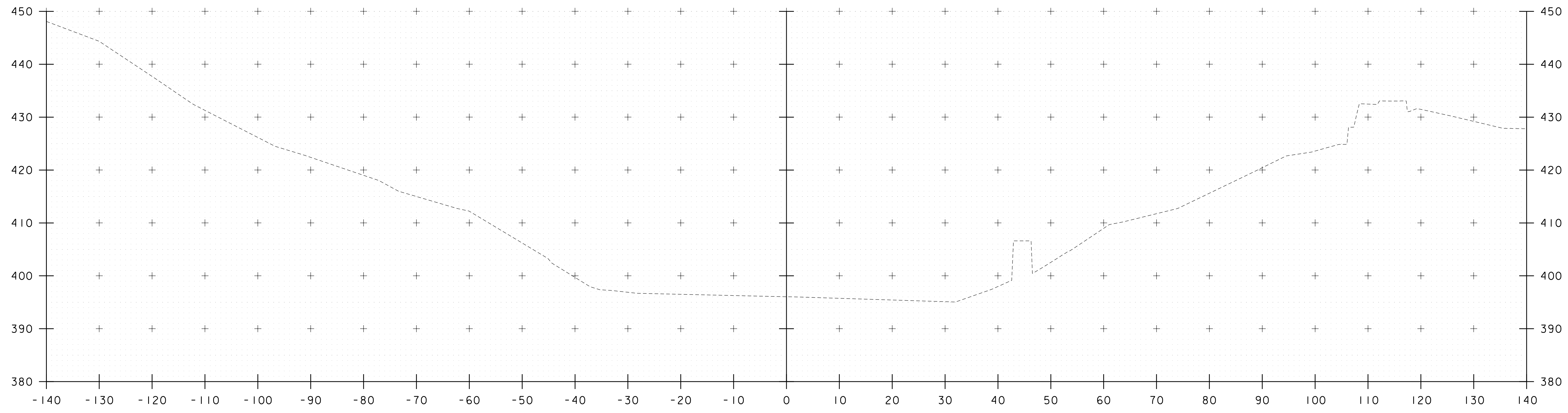
51+50



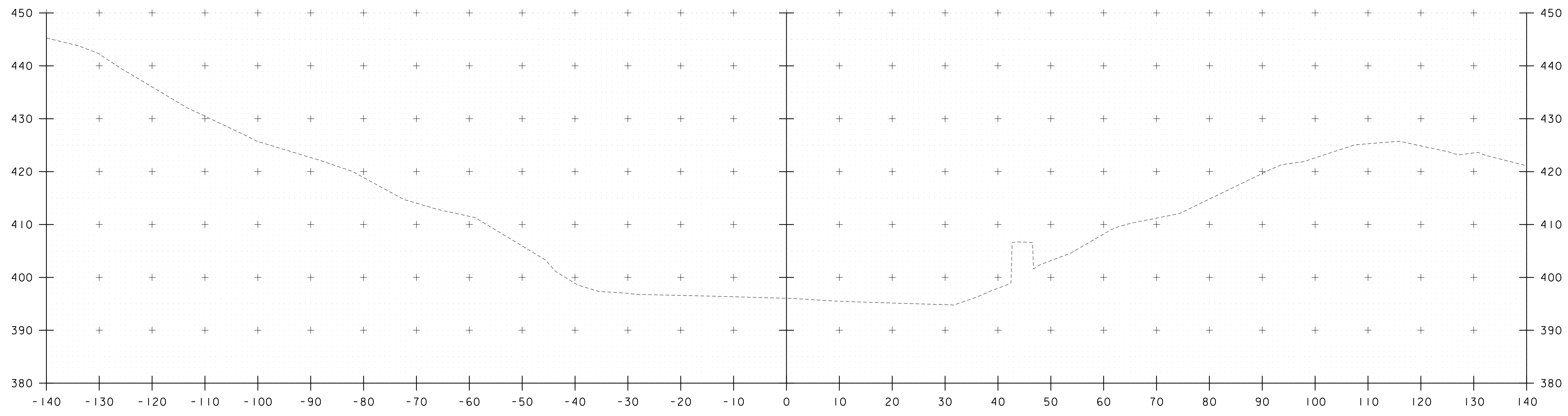
51+40

STA. 51+40 TO STA. 51+50

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 8	SHEET 44 OF 56



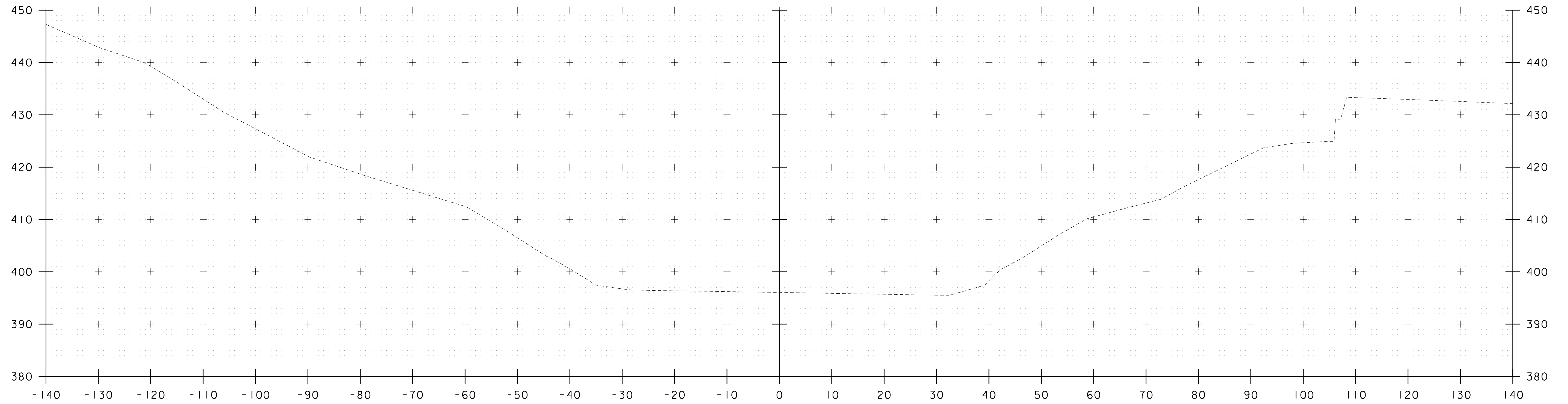
51+70



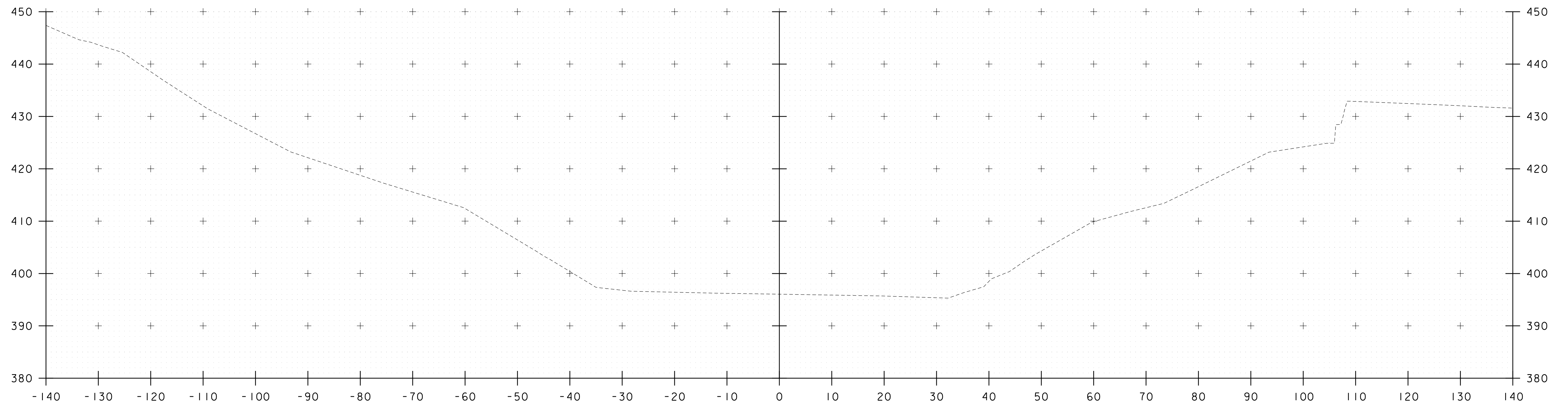
51+60

STA. 51+60 TO STA. 51+70

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 9	SHEET 45 OF 56



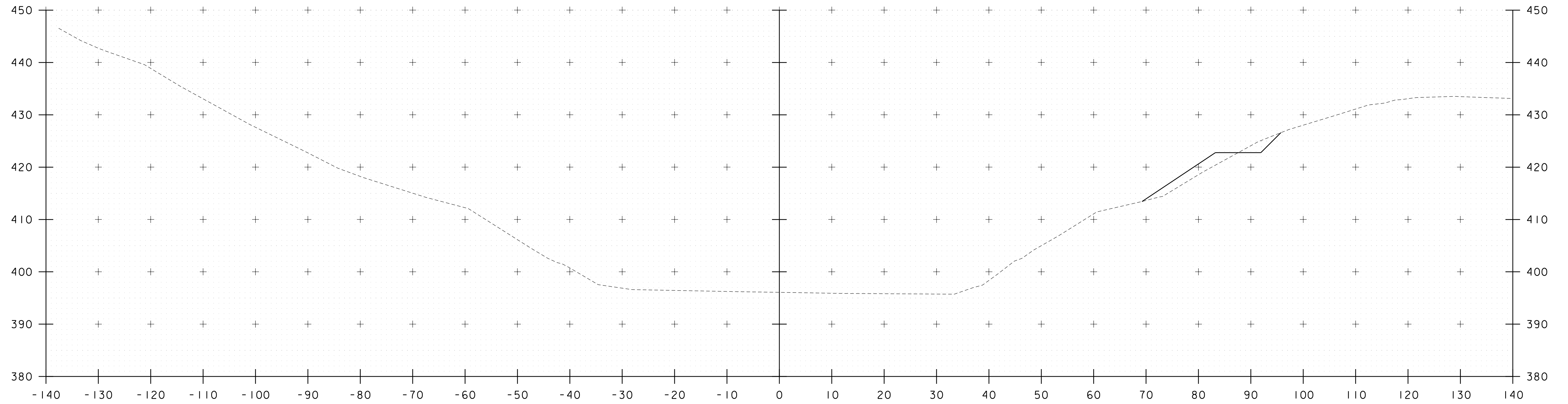
51+90



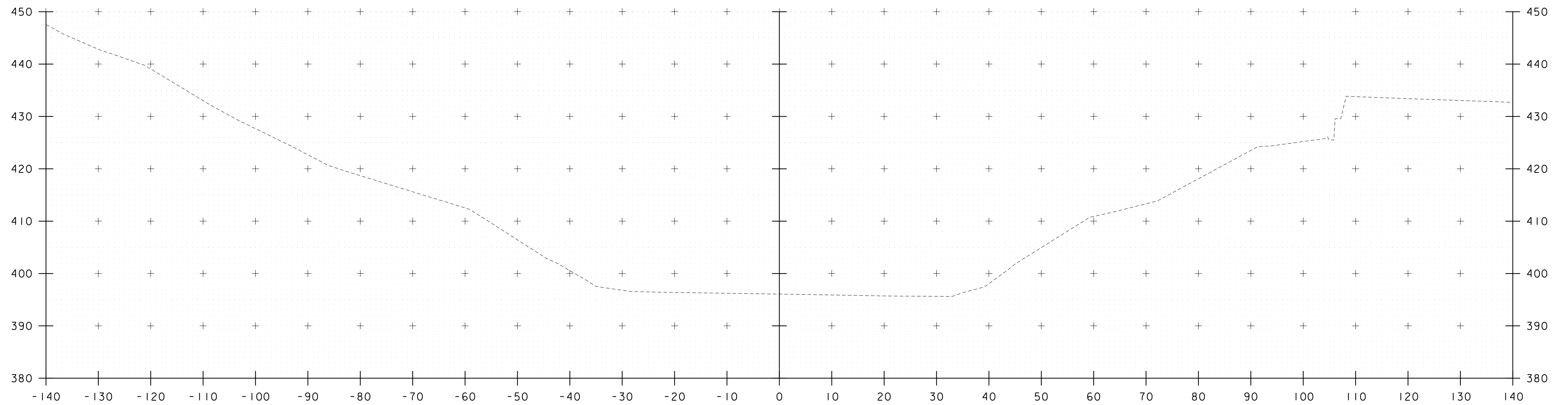
51+80

STA. 51+80 TO STA. 51+90

PROJECT NAME:	WATERBURY	PLOT DATE:	11/17/2020
PROJECT NUMBER:	BF 0284(33)	DRAWN BY:	G. CANTAVE
FILE NAME:	z12c602_xs.dgn	DESIGNED BY:	M. EVANS-MONGEON
PROJECT LEADER:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
CHANNEL SECTION 10		SHEET	46 OF 56



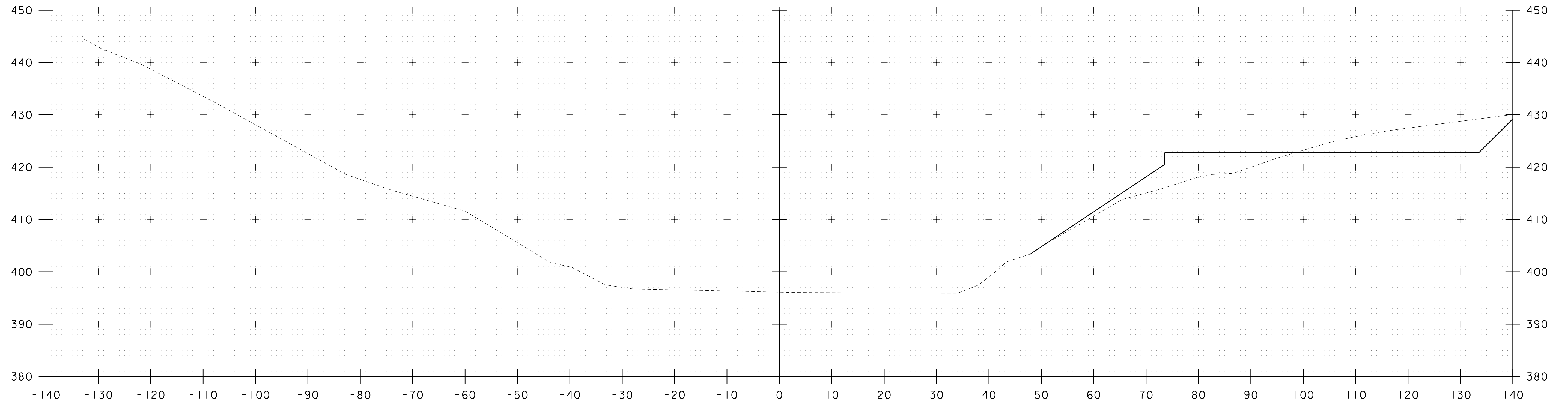
52+10



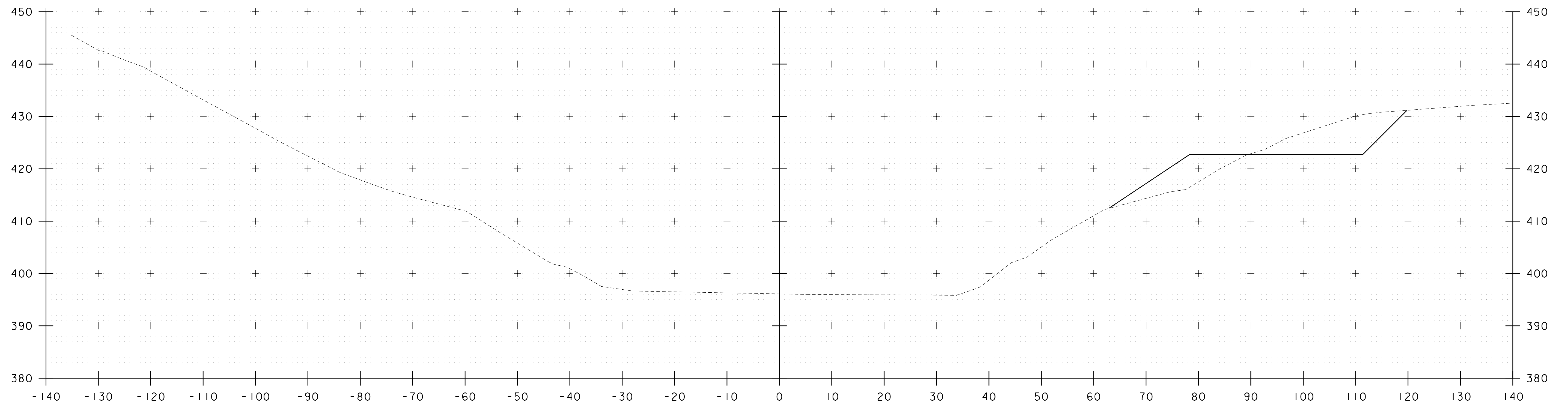
52+00

STA. 52+00 TO STA. 52+10

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION II	SHEET 47 OF 56



52+30

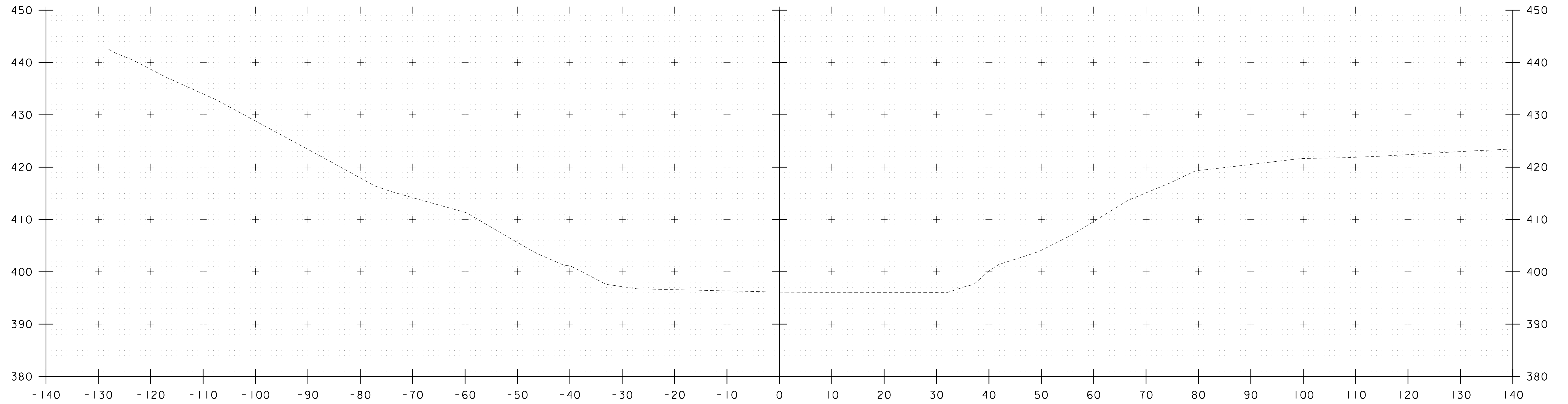


52+20

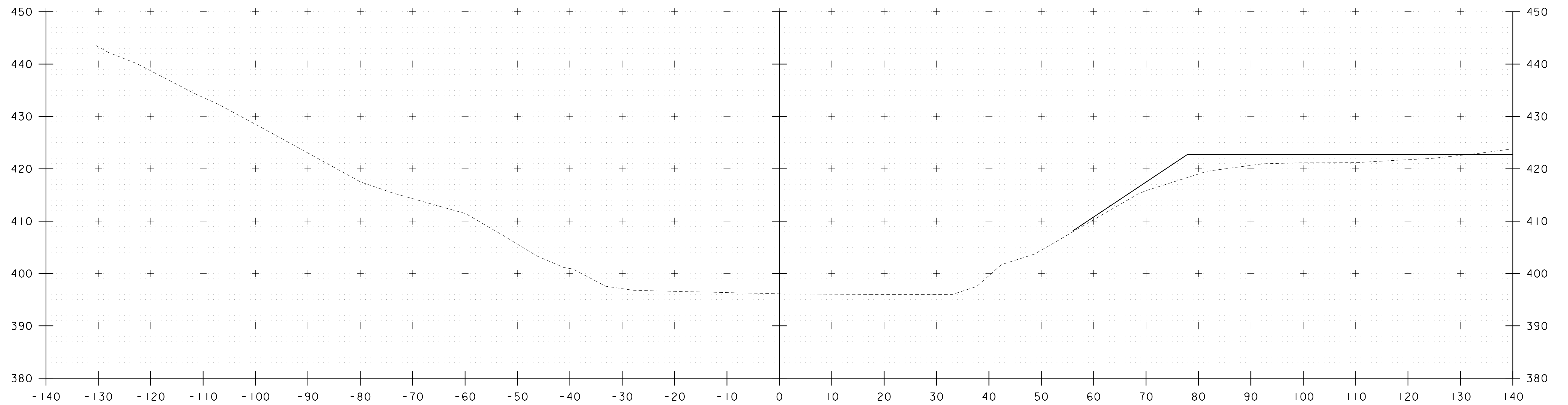
STA. 52+20 TO STA. 52+30

PROJECT NAME:	WATERBURY	PLOT DATE:	11/17/2020
PROJECT NUMBER:	BF 0284(33)	DRAWN BY:	G. CANTAVE
FILE NAME:	z12c602_xs.dgn	DESIGNED BY:	M. EVANS-MONGEON
PROJECT LEADER:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
CHANNEL SECTION 12		SHEET	48 OF 56





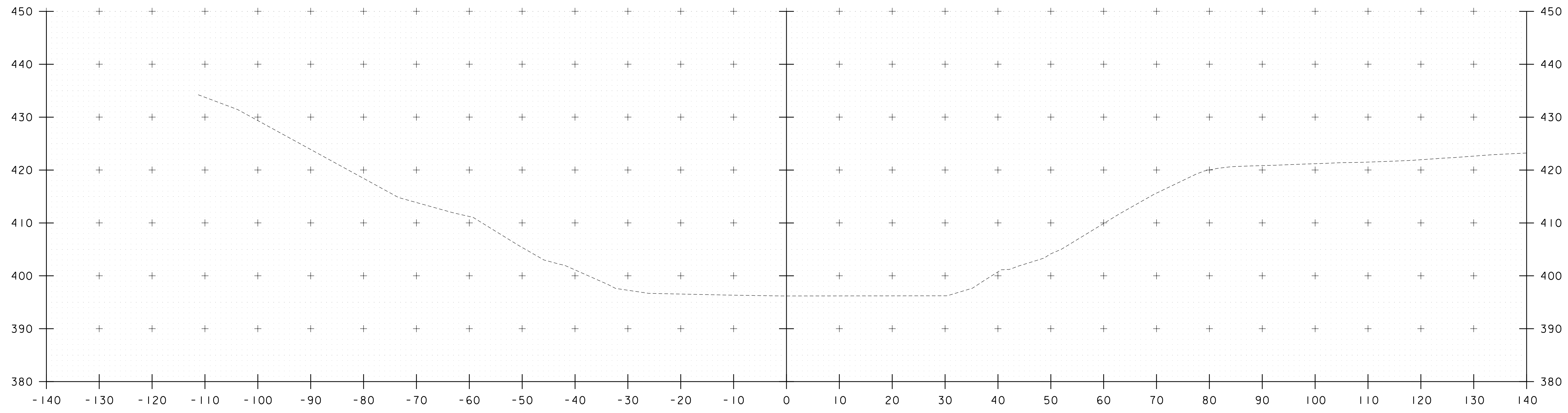
52+50



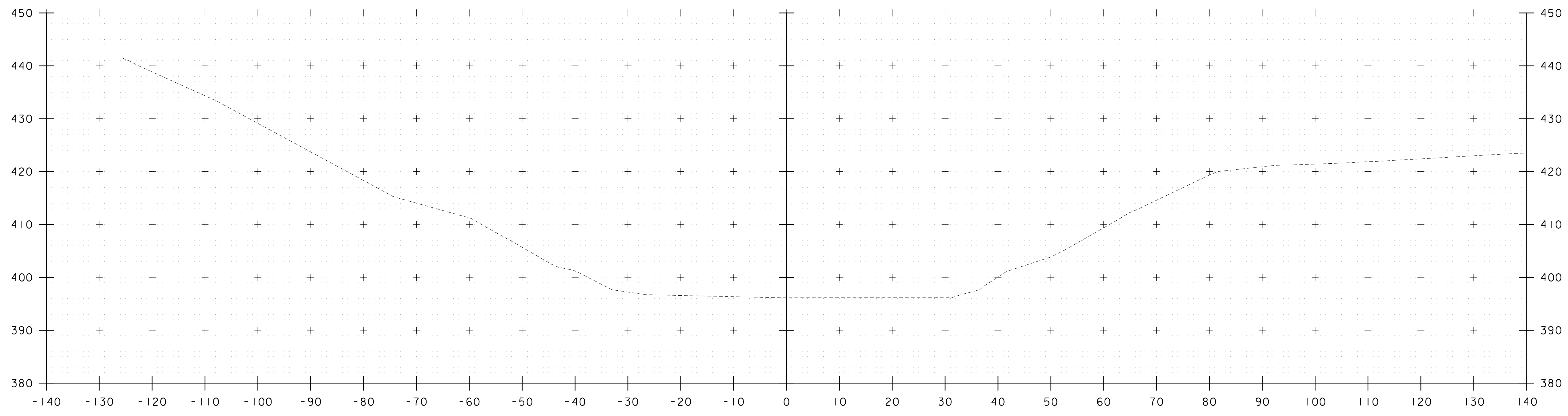
52+40

STA. 52+40 TO STA. 52+50

PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 13	SHEET 49 OF 56



52+70

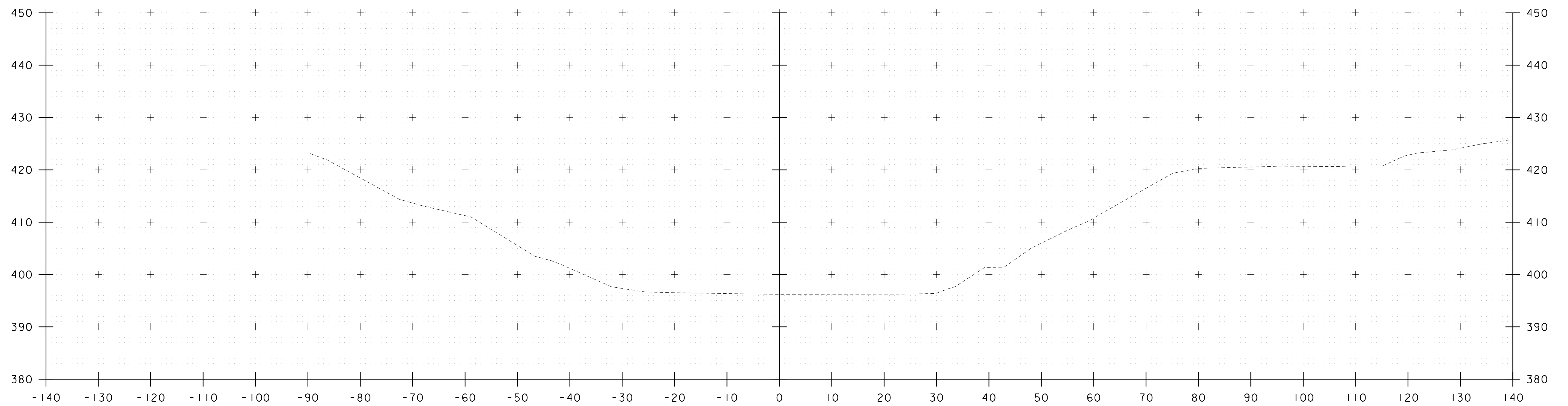


52+60

STA. 52+60 TO STA. 52+70

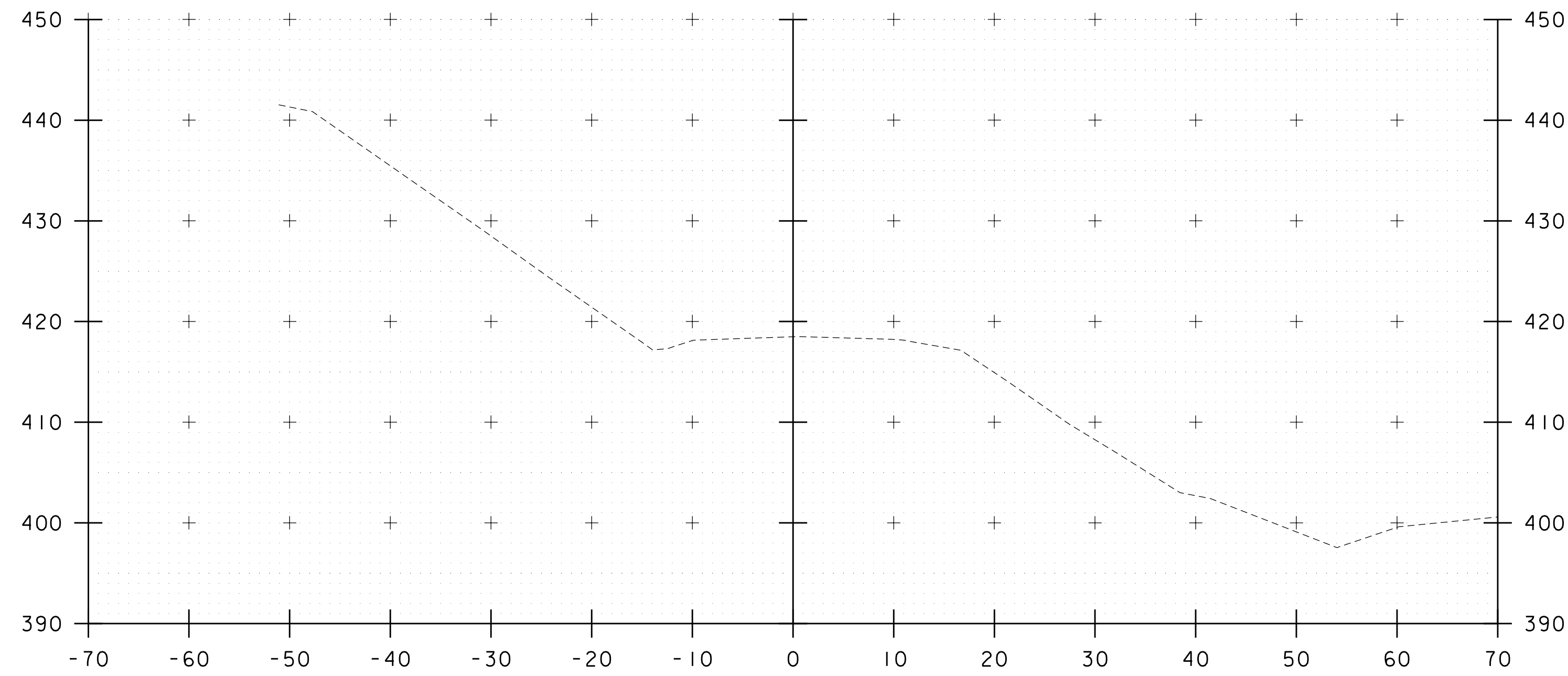
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 14	SHEET 50 OF 56

52+80

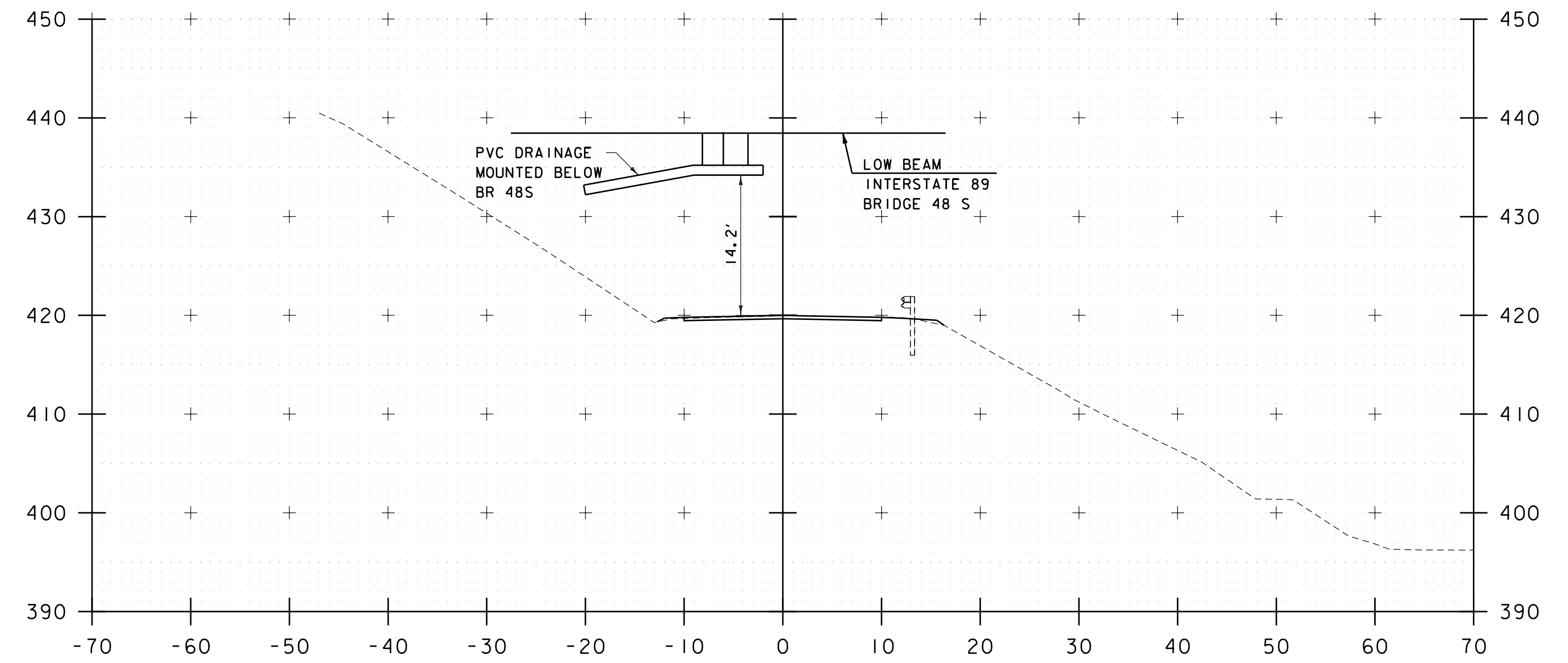


STA. 52+80 TO STA. 52+80

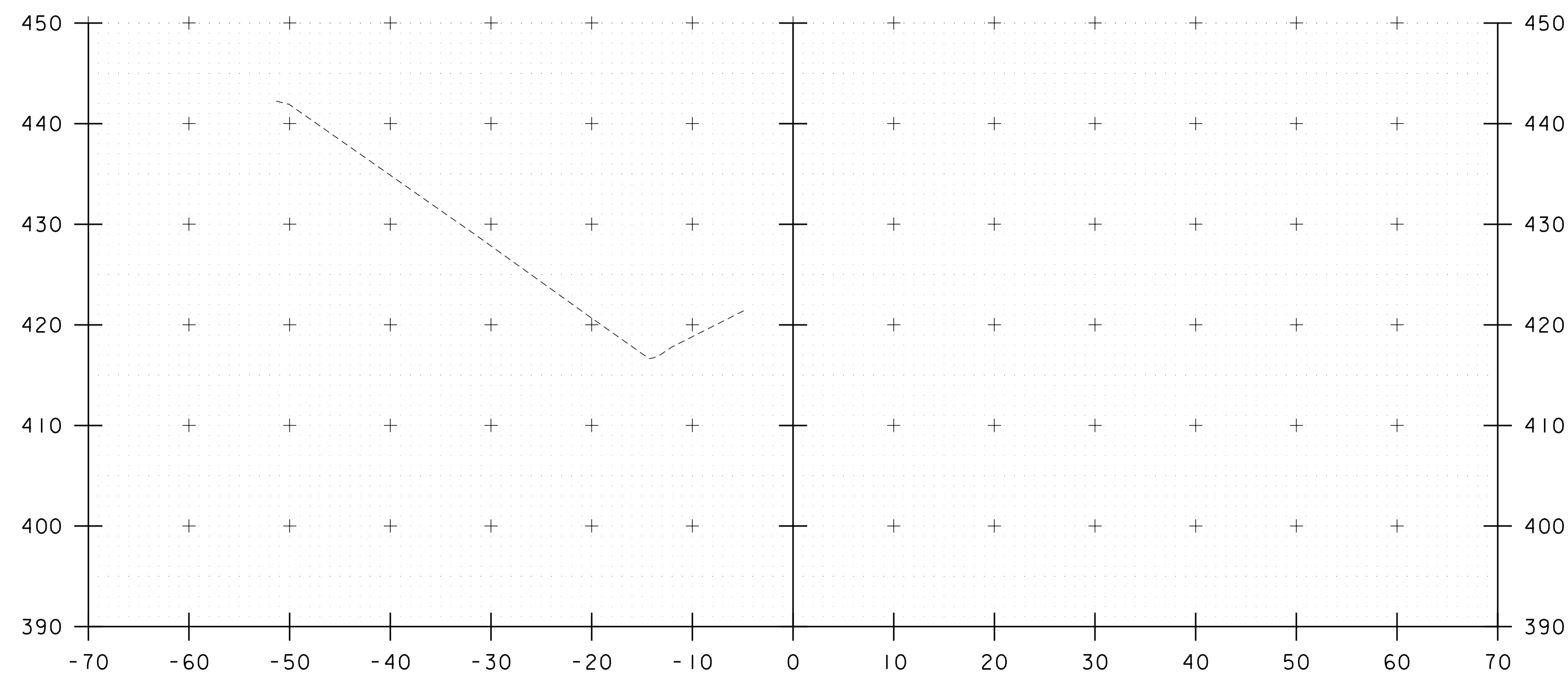
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
CHANNEL SECTION 15	SHEET 51 OF 56



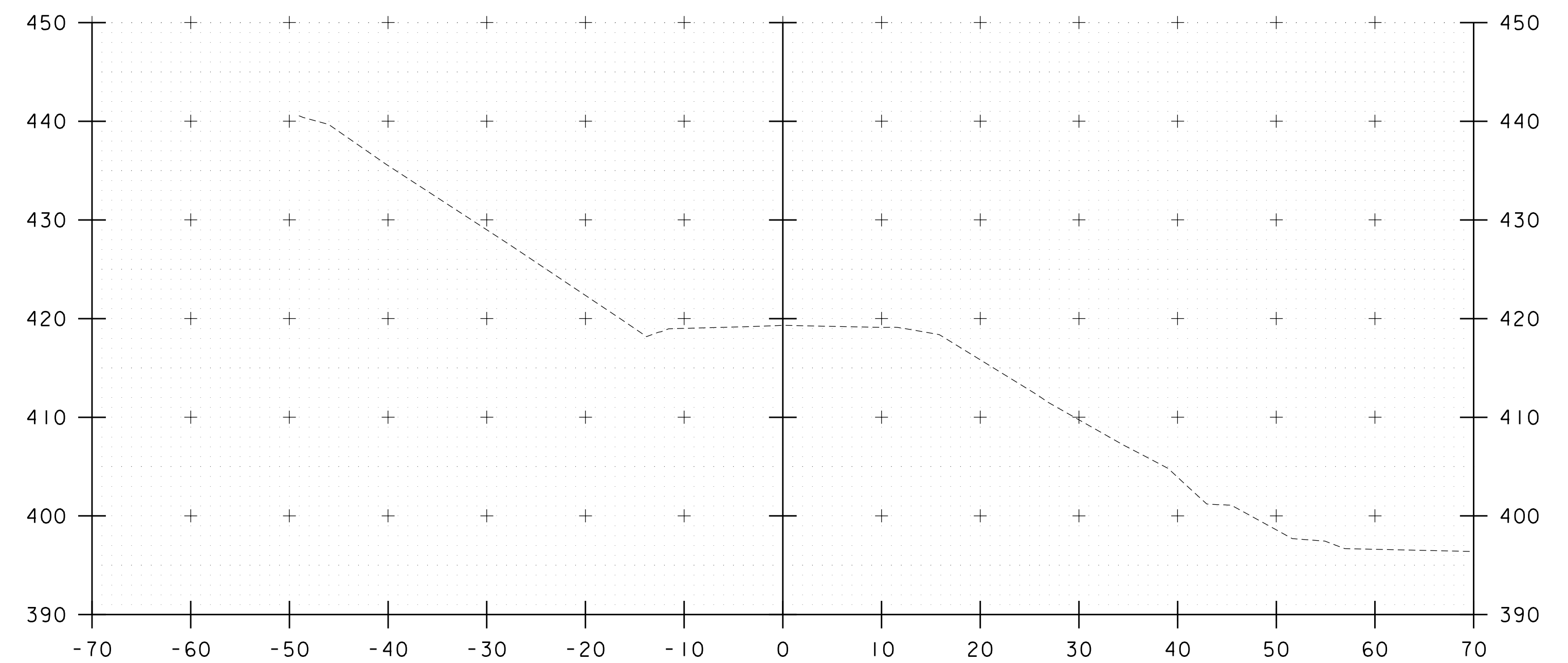
60+25



60+65



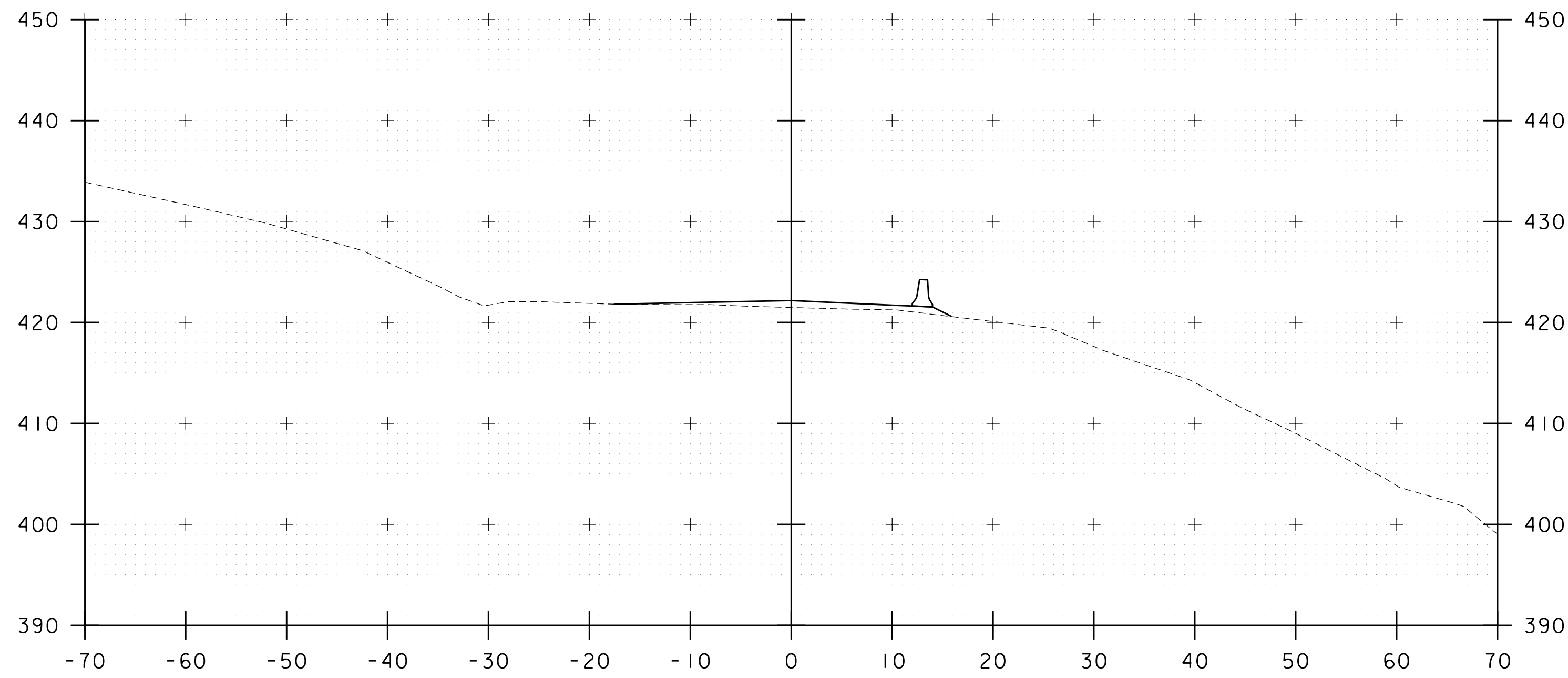
60+00



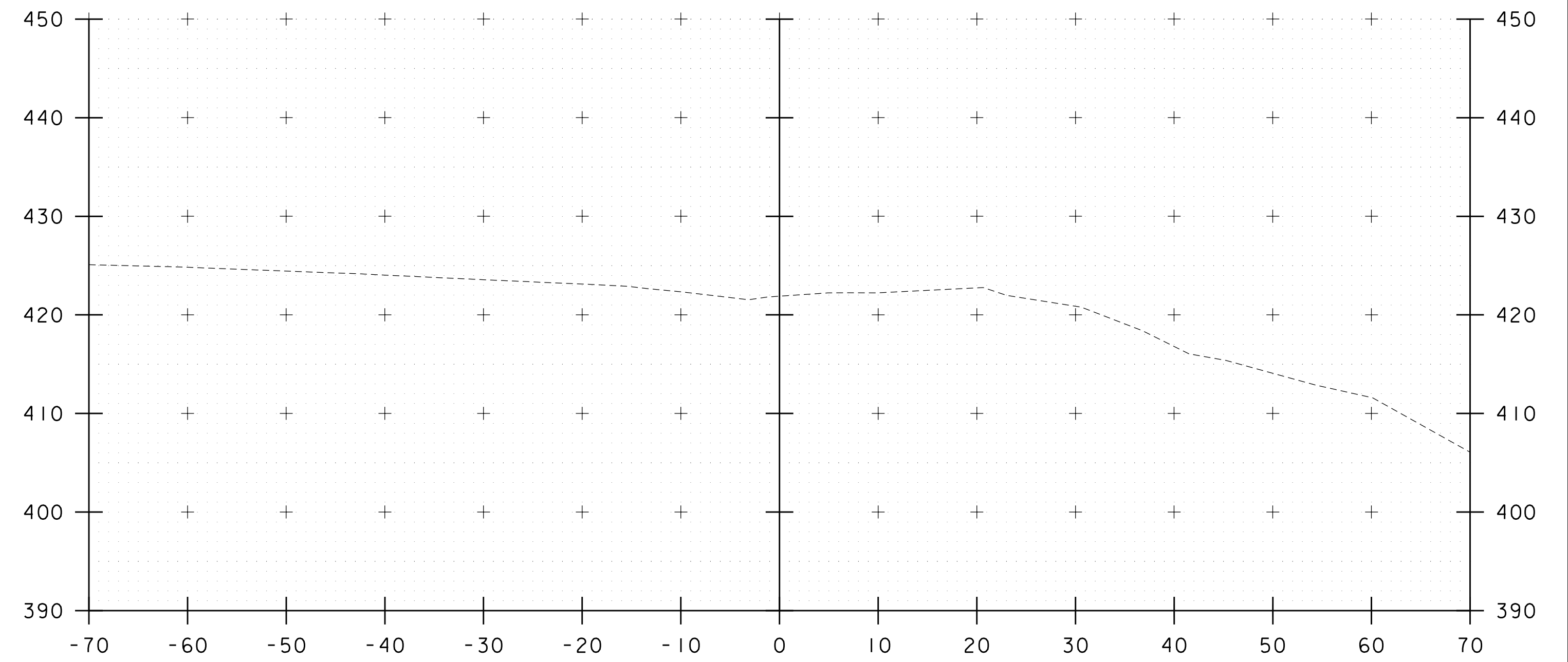
60+50

STA. 60+00 TO STA. 60+65

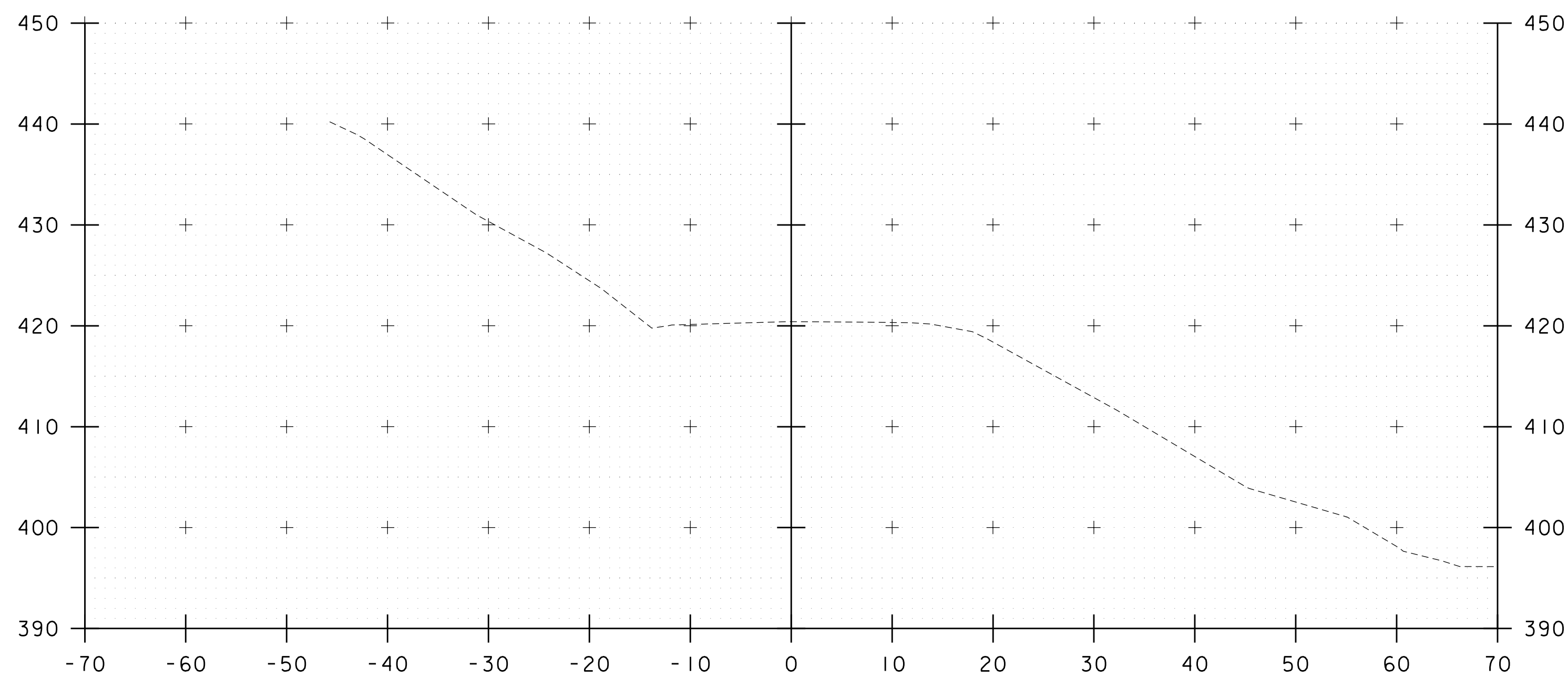
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
FARR ROAD CROSS SECTION 1	SHEET 52 OF 56



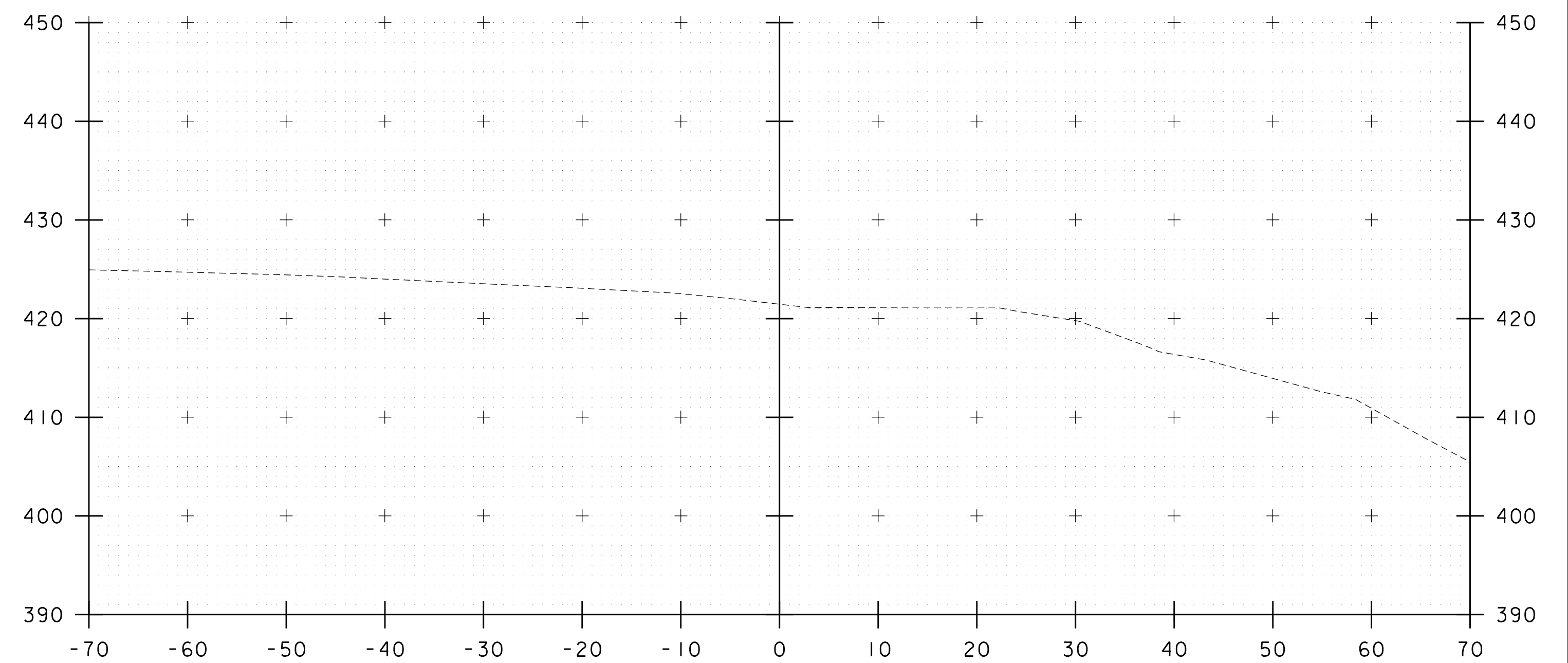
61+00



61+28



60+75

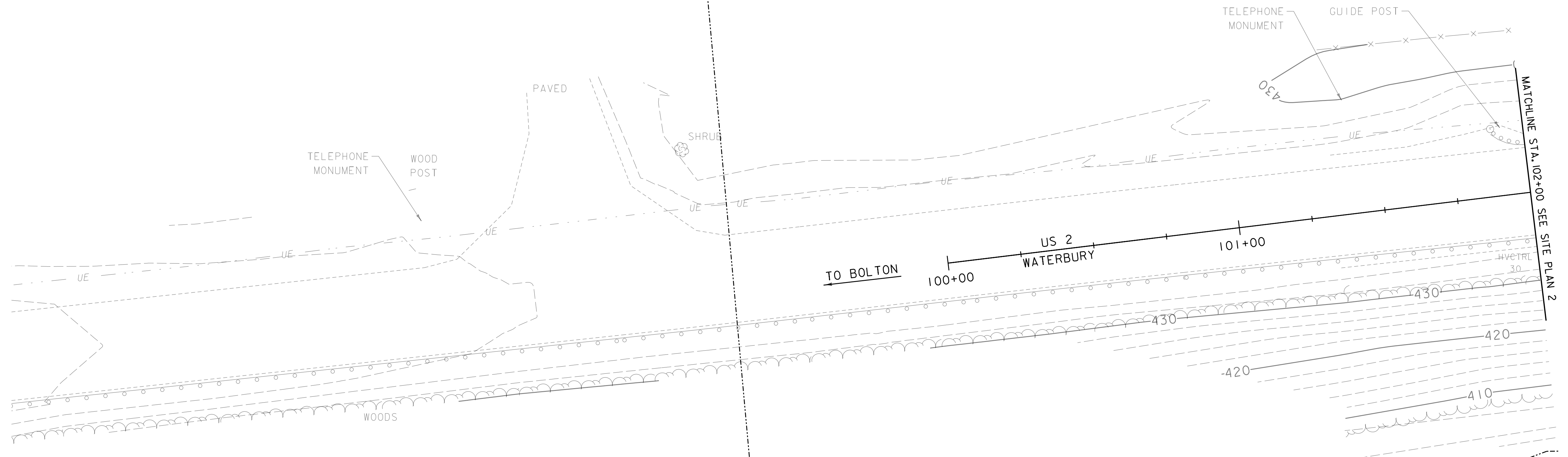
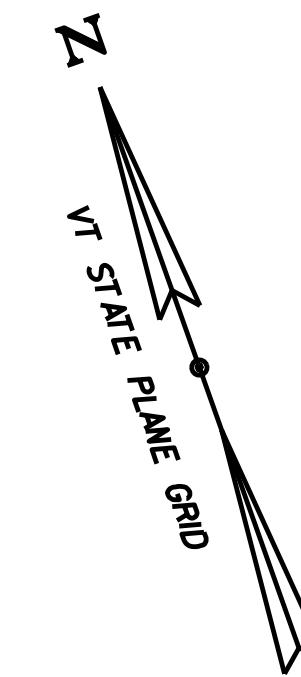


61+25

STA. 60+75 TO STA. 61+28

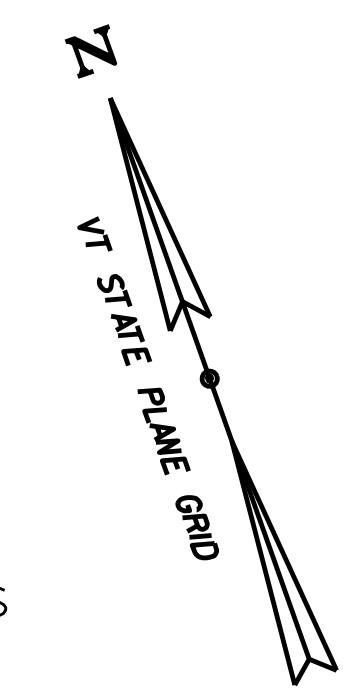
PROJECT NAME: WATERBURY	
PROJECT NUMBER: BF 0284(33)	
FILE NAME: z12c602_xs.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
FARR ROAD CROSS SECTION 2	SHEET 53 OF 56

RUMNEY FINE SANDY LOAM  
0% TO 3% SLOPES



SCALE: 1"=20'  
20 0 20

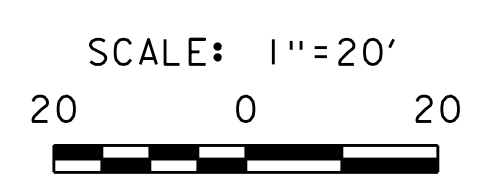
PROJECT NAME: WATERBURY	PLOT DATE: 11/17/2020
PROJECT NUMBER: BF 0284(33)	DRAWN BY: G. CANTAVE
FILE NAME: ...\\Drawings\\z12c602_site.dgn	DESIGNED BY: M. EVANS-MONGEON
PROJECT LEADER: M. EVANS-MONGEON	CHECKED BY: J. HALL
SITE PLAN I	SHEET 54 OF 56



RUMNEY FINE SANDY LOAM  
0% TO 3% SLOPES

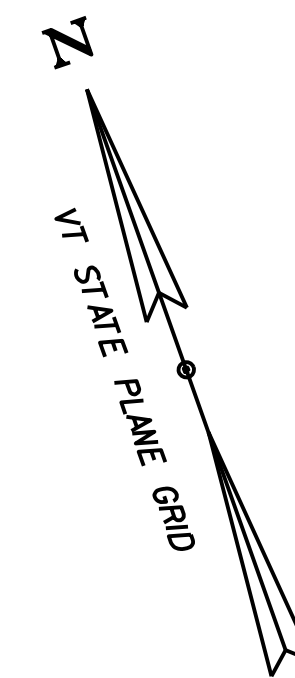
BUXTON SILT LOAM  
15% TO 25% SLOPES

BENCHMARK-TBM 64  
CHISLED SQUARE  
IN ABUTMENT  
ELEV = 436.30'



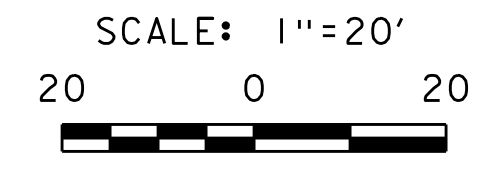
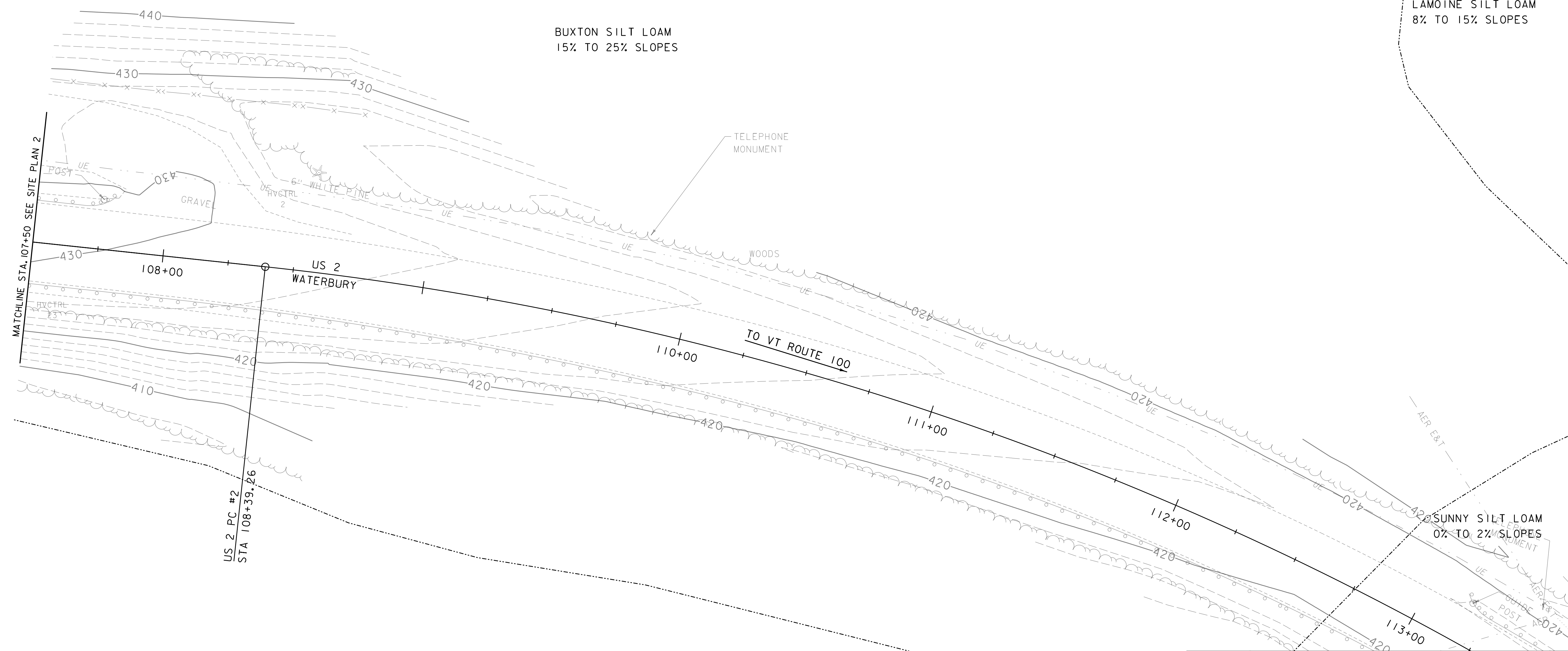
PROJECT NAME:	WATERBURY
PROJECT NUMBER:	BF 0284(33)
FILE NAME: ...\\drawings\z12c602_site.dgn	PLOT DATE: 11/17/2020
PROJECT LEADER: M. EVANS-MONGEON	DRAWN BY: G. CANTAVE
DESIGNED BY: M. EVANS-MONGEON	CHECKED BY: J. HALL
SITE PLAN 2	SHEET 55 OF 56

LAMOINE SILT LOAM  
8% TO 15% SLOPES



LAMOINE SILT LOAM  
8% TO 15% SLOPES

BUXTON SILT LOAM  
15% TO 25% SLOPES



PROJECT NAME:	WATERBURY		
PROJECT NUMBER:	BF 0284(33)		
FILE NAME:	...\\drawings\\z12c602_site.dgn	PLOT DATE:	11/17/2020
PROJECT LEADER:	M. EVANS-MONGEON	DRAWN BY:	G. CANTAVE
DESIGNED BY:	M. EVANS-MONGEON	CHECKED BY:	J. HALL
SITE PLAN 3		SHEET	56 OF 56