

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT BRIDGE PROJECT

TOWN OF LINCOLN

COUNTY OF ADDISON

ROUTE NO : TH-6; CLASS 3

BRIDGE NO : 46

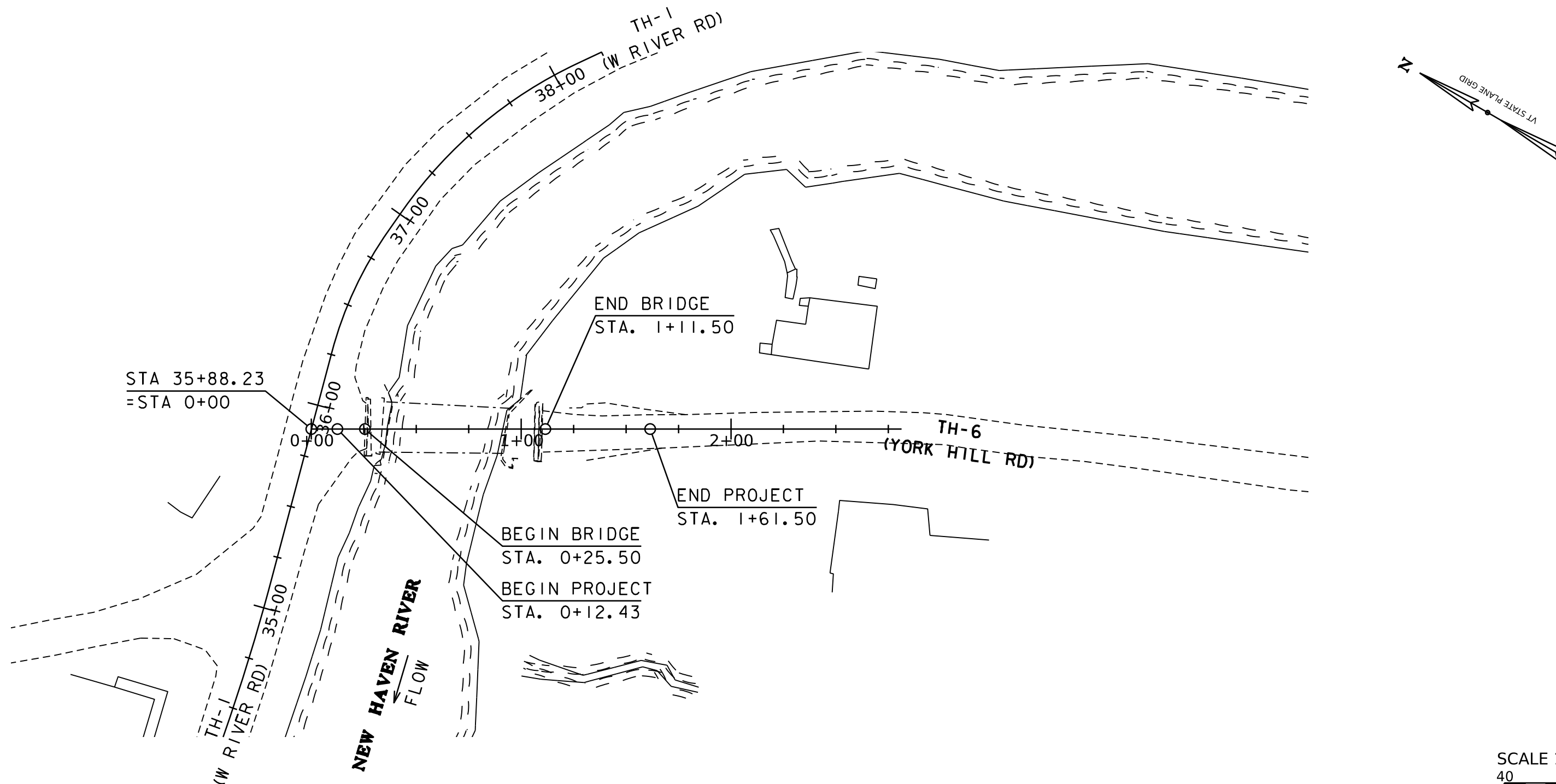
PROJECT LOCATION : LOCATED ON TH 6 IN THE TOWN OF LINCOLN AT THE JUNCTION WITH TH 1.

PROJECT DESCRIPTION : REMOVAL AND REPLACEMENT OF BRIDGE NO. 46 WITH RELATED APPROACH ROADWAY AND CHANNEL WORK.

LENGTH OF STRUCTURE : 86.00 FEET

LENGTH OF ROADWAY : 75.5 FEET

LENGTH OF PROJECT : 161.50 FEET



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2024, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 27, 2023 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 : SOV VTRANS

DATUM

VERTICAL NAVD88

HORIZONTAL NAD83 (2011)

CONCEPTUAL PLANS
22-APR-2026

HIGHWAY DIVISION, CHIEF ENGINEER

APPROVED _____ DATE _____

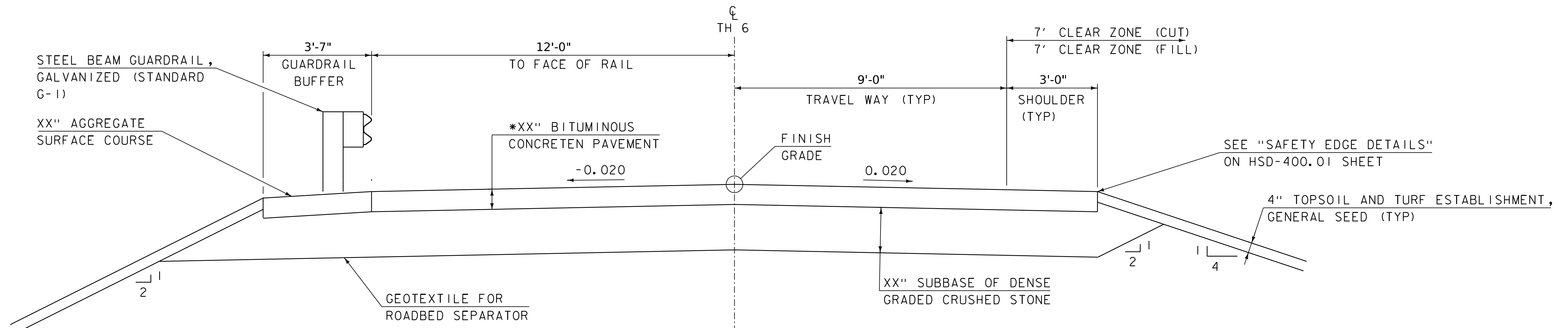
PROJECT MANAGER : JB MCCARTHY, P.E.

PROJECT NAME : LINCOLN

PROJECT NUMBER : BO TRUS(7)

SHEET 1 OF 23 SHEETS

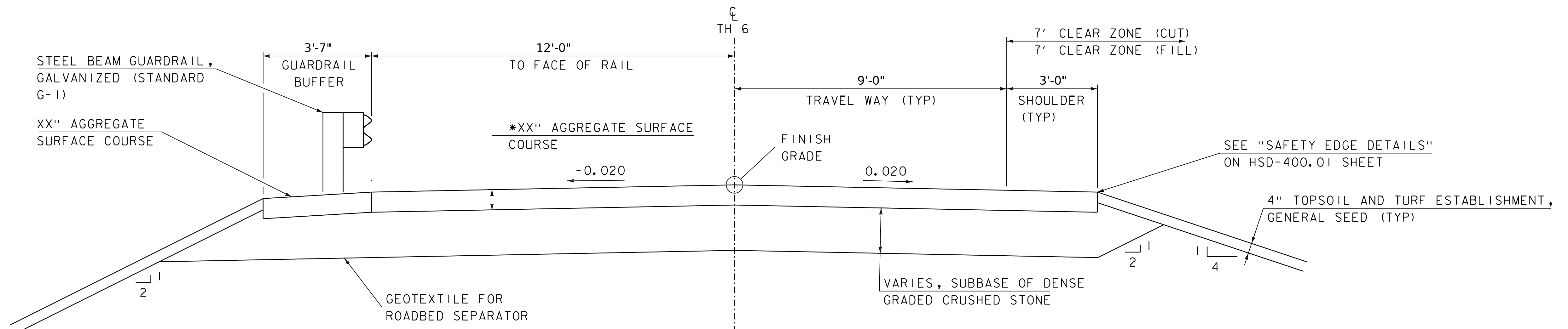
INDEX OF SHEETS										FINAL HYDRAULIC REPORT																																																																																																																																																																						
PLAN SHEETS 1 TITLE SHEET 2 PRELIMINARY INFORMATION SHEET 3 - 5 TYPICAL SECTIONS 6 CONVENTIONAL SYMBOLOLOGY LEGEND 7 ALIGNMENT SHEET 8 EXISTING CONDITIONS 9 PLAN SHEET 10 - 11 TH1 PROFILE SHEET 1-2 12 TH6 PROFILE SHEET 13 MATERIAL TRANSITION 14 - 17 TH1 ROADWAY CROSS SECTION 1-4 18 - 20 TH6 ROADWAY CROSS SECTION 1-3 21 - 23 CHANNEL CROSS SECTION 1-3 DETAIL SHEETS										STANDARDS LIST										TRAFFIC DATA <table><thead><tr><th>YEAR</th><th>ADT</th><th>DHV</th><th>% D</th><th>% T</th><th>ADTT</th><th>20 year ESAL for flexible pavement from 2029 to 2049 : 16400</th></tr></thead><tbody><tr><td>2029</td><td>130</td><td>21</td><td>0.5</td><td>4.7</td><td>7</td><td>40 year ESAL for flexible pavement from 2029 to 2069 : 33300</td></tr><tr><td>2049</td><td>140</td><td>22</td><td>0.5</td><td>6</td><td>9</td><td>Design Speed : 35 mph</td></tr></tbody></table> AS BUILT "REBAR" DETAIL <table><thead><tr><th>LEVEL I</th><th>LEVEL II</th><th>LEVEL III</th></tr></thead><tbody><tr><td>TYPE:</td><td>TYPE:</td><td>TYPE:</td></tr><tr><td>GRADE:</td><td>GRADE:</td><td>GRADE:</td></tr></tbody></table>										YEAR	ADT	DHV	% D	% T	ADTT	20 year ESAL for flexible pavement from 2029 to 2049 : 16400	2029	130	21	0.5	4.7	7	40 year ESAL for flexible pavement from 2029 to 2069 : 33300	2049	140	22	0.5	6	9	Design Speed : 35 mph	LEVEL I	LEVEL II	LEVEL III	TYPE:	TYPE:	TYPE:	GRADE:	GRADE:	GRADE:	LRFR LOAD RATING FACTORS <table><thead><tr><th rowspan="2">LOADING LEVELS</th><th colspan="7">TRUCK</th></tr><tr><th>H-20</th><th>HL-93</th><th>3S2</th><th>6 AXLE</th><th>3A STR</th><th>4A STR</th><th>5A SEMI</th></tr></thead><tbody><tr><td>TONNAGE</td><td>20</td><td>36</td><td>36</td><td>66</td><td>30</td><td>34.5</td><td>38</td></tr><tr><td>INVENTORY</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>POSTING</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>OPERATING</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>COMMENTS:</td><td colspan="7"></td></tr></tbody></table> LRFD TRAFFIC MAINTENANCE NOTES DESIGN VALUES <table><tbody><tr><td>1. DESIGN LIVE LOAD</td><td>HL-93</td></tr><tr><td>2. FUTURE PAVEMENT</td><td>d_p: 3.0 INCH</td></tr><tr><td>3. DESIGN SPAN</td><td>L: 83.00 FT</td></tr><tr><td>4. MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRESSED UNITS)</td><td>Δ: ---</td></tr><tr><td>5. PRESTRESSING STRAND</td><td>f_y: ---</td></tr><tr><td>6. PRESTRESSED CONCRETE STRENGTH</td><td>$f'c$: ---</td></tr><tr><td>7. PRESTRESSED CONCRETE RELEASE STRENGTH</td><td>$f'cr$: ---</td></tr><tr><td>8. HIGH PERFORMANCE CONCRETE, CLASS PCD</td><td>$f'c$: 4.0 KSI</td></tr><tr><td>9. HIGH PERFORMANCE CONCRETE, CLASS PCS</td><td>$f'c$: 3.5 KSI</td></tr><tr><td>10. CONCRETE HIGH PERFORMANCE, CLASS SCC</td><td>$f'c$: 4.0 KSI</td></tr><tr><td>11. CONCRETE, CLASS C</td><td>$f'c$: 3.0 KSI</td></tr><tr><td>12. REINFORCING STEEL</td><td>f_y: 60 KSI</td></tr><tr><td>13. STRUCTURAL STEEL AASHTO M270 (WEATHERING)</td><td>f_y: 50 KSI</td></tr><tr><td>14. NOMINAL BEARING RESISTANCE OF SOIL</td><td>q_n: ---</td></tr><tr><td>15. 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Coley SHEET 2 OF 23										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:								1. DESIGN LIVE LOAD	HL-93	2. FUTURE PAVEMENT	d_p : 3.0 INCH	3. DESIGN SPAN	L : 83.00 FT	4. MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRESSED UNITS)	Δ : ---	5. PRESTRESSING STRAND	f_y : ---	6. PRESTRESSED CONCRETE STRENGTH	$f'c$: ---	7. PRESTRESSED CONCRETE RELEASE STRENGTH	$f'cr$: ---	8. HIGH PERFORMANCE CONCRETE, CLASS PCD	$f'c$: 4.0 KSI	9. HIGH PERFORMANCE CONCRETE, CLASS PCS	$f'c$: 3.5 KSI	10. CONCRETE HIGH PERFORMANCE, CLASS SCC	$f'c$: 4.0 KSI	11. CONCRETE, CLASS C	$f'c$: 3.0 KSI	12. REINFORCING STEEL	f_y : 60 KSI	13. STRUCTURAL STEEL AASHTO M270 (WEATHERING)	f_y : 50 KSI	14. NOMINAL BEARING RESISTANCE OF SOIL	q_n : ---	15. SOIL BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	ϕ : ---	16. NOMINAL BEARING RESISTANCE OF ROCK	q_n : ---	17. 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*PAVEMENT AND SUBBASE TO BE DESIGNED LATER

PAVED TH 6 TYPICAL SECTION

SCALE 1/2" = 1'-0"



*AGGREGATE SURFACE COURSE AND SUBBASE TO BE DESIGNED LATER

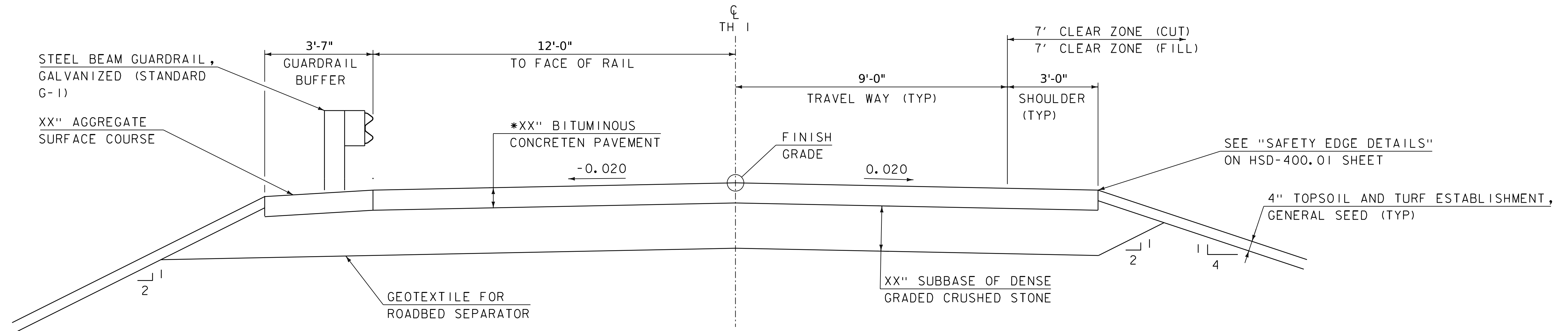
GRAVEL TH 6 TYPICAL SECTION

SCALE 1/2" = 1'-0"

MATERIAL TOLERANCES (IF USED ON PROJECT)

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

PROJECT NAME:	LINCOLN
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410typ.dgn
PROJECT LEADER:	JB MCCARTHY
DESIGNED BY:	S. COLEY
TYPICAL SECTIONS 1	
PLOT DATE:	22-APR-2026
DRAWN BY:	S. COLEY
CHECKED BY:	K. BATHALON
SHEET	3 OF 23

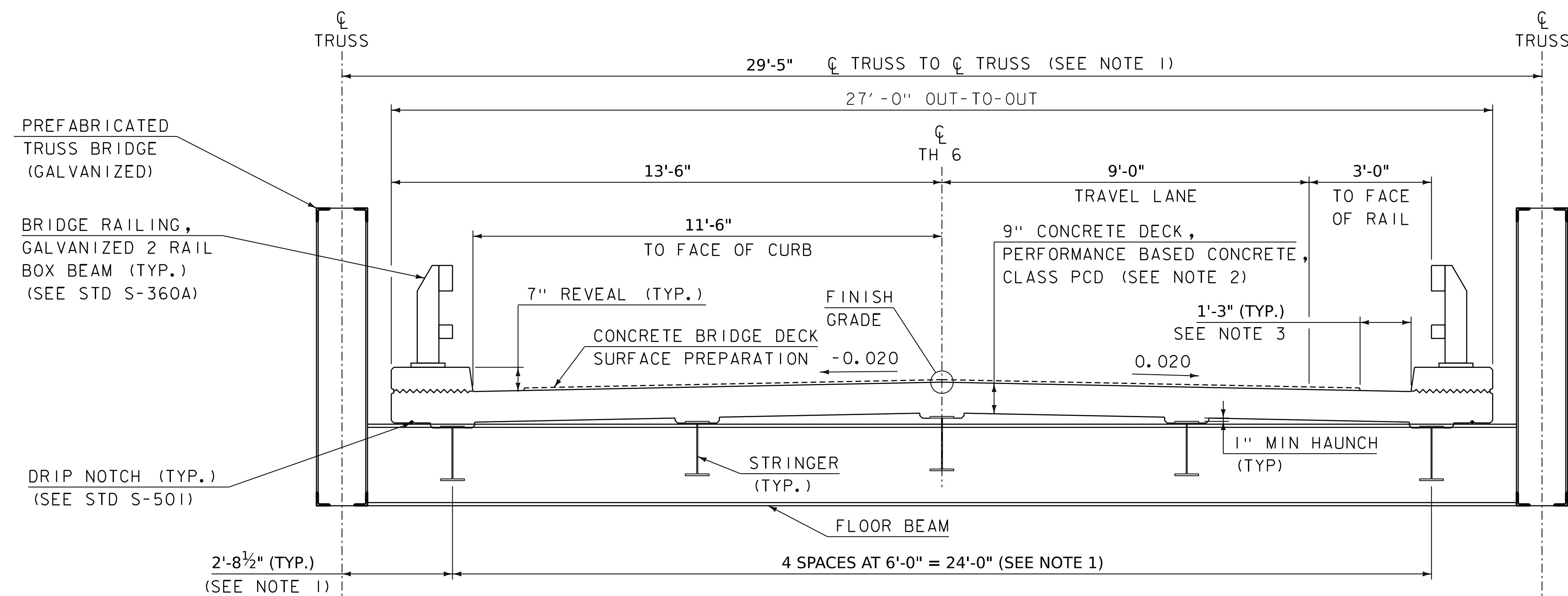


*PAVEMENT AND SUBBASE TO BE DESIGNED LATER

TH 1 TYPICAL SECTION

STA 35+65 to 36+23

SCALE $\frac{1}{2}" = 1' - 0"$



TYPICAL BRIDGE SECTION

SCALE $\frac{1}{2}" = 1' - 0"$

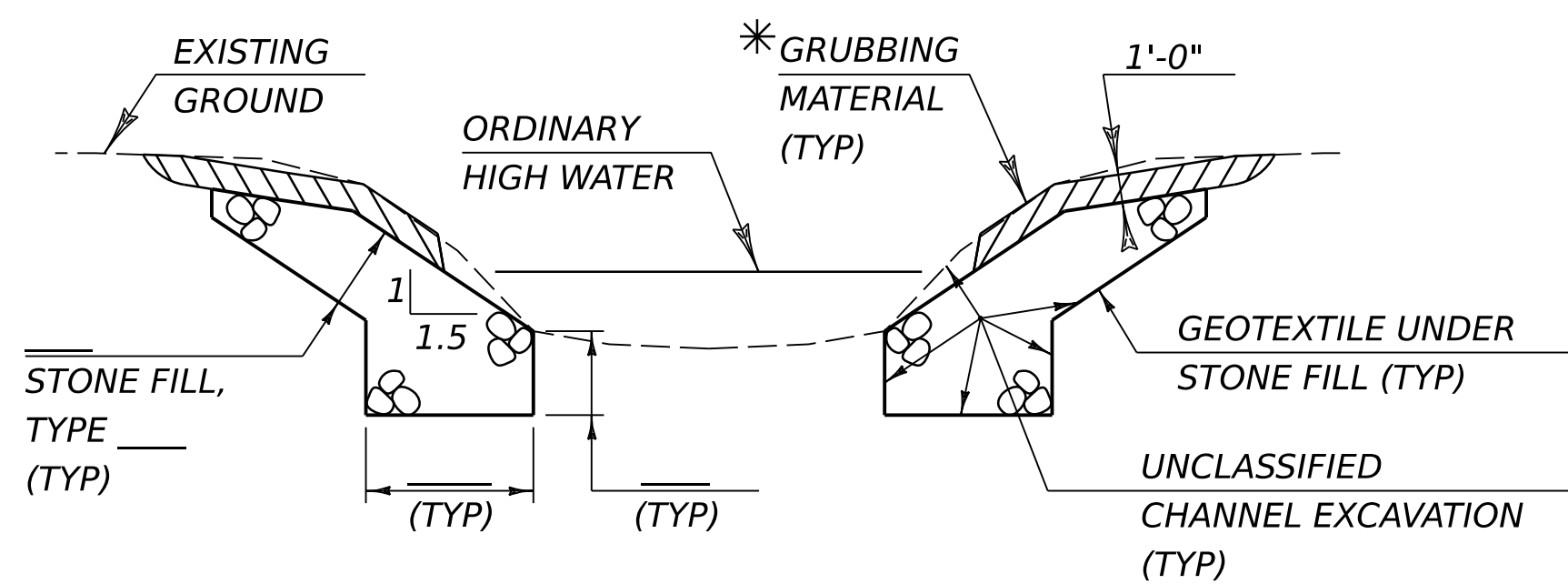
NOTES:

1. ASSUMED DIMENSION FOR DESIGN. ACTUAL DIMENSION TO BE DETERMINED BY THE CONTRACTOR.
2. INCLUDES 3/4" OVERPOUR TO BE REMOVED PER ITEM 509.1500, CONCRETE BRIDGE DECK SURFACE PREPARATION. FINAL DECK THICKNESS AFTER GRINDING SHALL BE 9".
3. FINISH TO FINAL DECK THICKNESS OF 9" OR TAPER TO NO OVERPOUR AT FACE OF CURB. IF THE AREA IS TAPERED FROM THE 3/4" OVERPOUR TO NO OVERPOUR AT THE FACE OF CURB, THE TAPER SHALL BE REMOVED BY GRINDING TO ACHIEVE A FINAL DECK THICKNESS OF 9".

PROJECT NAME: LINCOLN
PROJECT NUMBER: BO TRUS(7)

FILE NAME: s22j410typ.dgn
PROJECT LEADER: JB MCCARTHY
DESIGNED BY: S. COLEY
TYPICAL SECTIONS 2

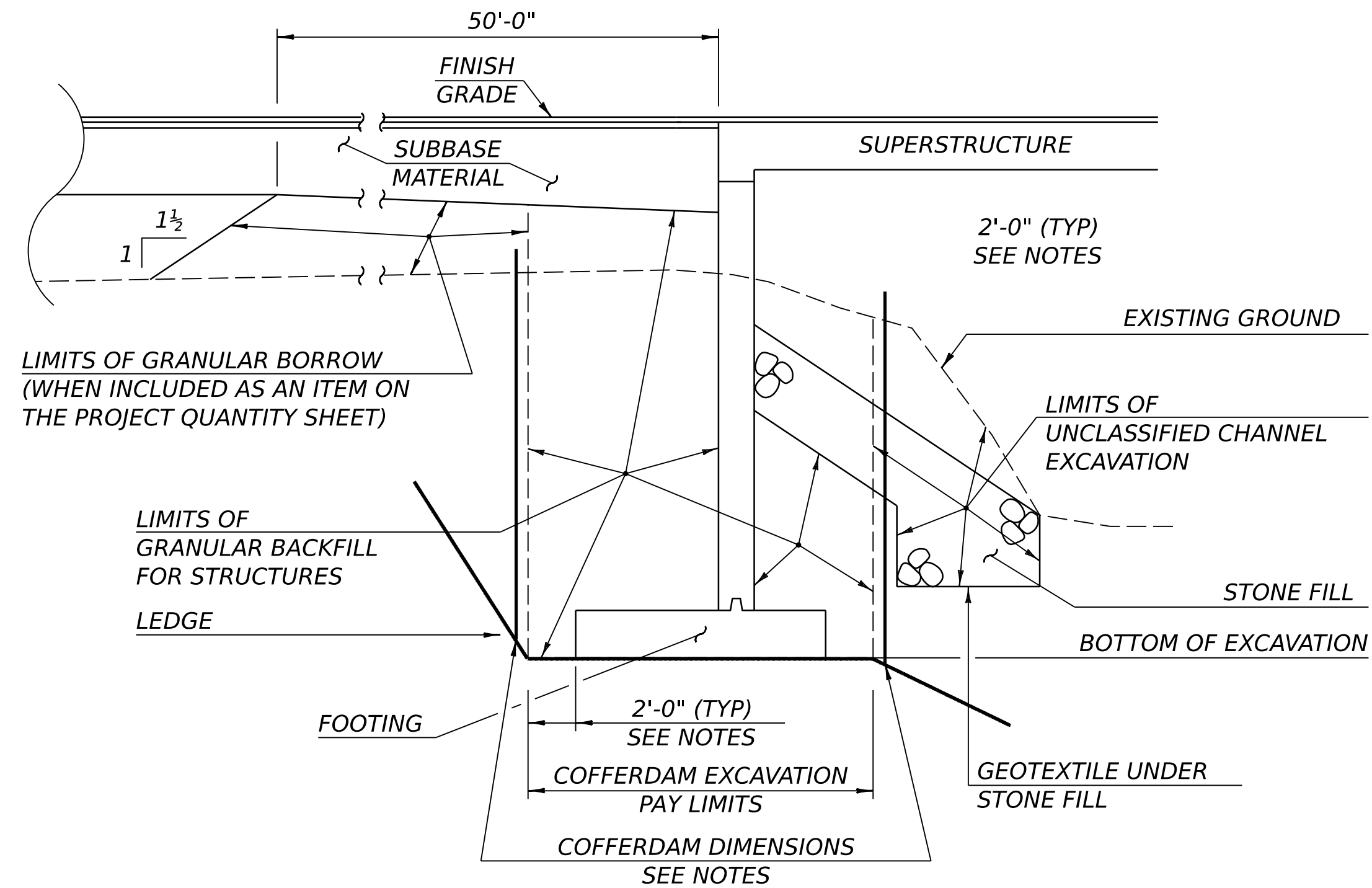
PLOT DATE: 22-APR-2026
DRAWN BY: S. COLEY
CHECKED BY: K. BATHALON
SHEET 4 OF 23



TYPICAL CHANNEL SECTION

(NOT TO SCALE)

- 1) GRUBBING MATERIAL SHALL BE PLACED UNDERNEATH STRUCTURES WHERE THERE IS MORE THAN 6 FEET VERTICALLY FROM ORDINARY HIGH WATER (OHW) TO THE BOTTOM OF SUPERSTRUCTURE AND MORE THAN 6 FEET HORIZONTALLY FROM OHW LINE TO FRONT FACE OF ABUTMENT. THIS MATERIAL SHALL START JUST ABOVE THE OHW ELEVATION AND TERMINATE 3 FEET HORIZONTALLY FROM THE FRONT FACE OF THE ABUTMENT. THIS MATERIAL SHALL NOT BE PLACED UNDERNEATH DOWNSPOUTS. SEE THE CHANNEL SECTIONS FOR ADDITIONAL DETAILING.
- 2) WHENEVER CHANNEL SLOPE INTERSECTS ROADWAY SUBBASE, GRUBBING MATERIAL SHALL BEGIN AT THE BOTTOM OF SUBBASE.



COFFERDAM AND EARTHWORK SECTION

(NOT TO SCALE)

COFFERDAM NOTES

1. COFFERDAM DIMENSIONS TO BE DETERMINED BY THE CONTRACTOR.
2. THE PAY LIMITS OF EITHER "COFFERDAM EXCAVATION, EARTH" AND "COFFERDAM EXCAVATION, ROCK" SHALL BE 2'-0" OUTSIDE THE PERIMETER OF THE FOOTING AND FROM BOTTOM OF EXCAVATION UP TO THE EXISTING GROUND OR BOTTOM OF SUBBASE, WHICHEVER IS LOWER.
3. IF A COFFERDAM IS CONSTRUCTED WHICH IS LARGER THAN THE INDICATED COFFERDAM EXCAVATION PAY LIMITS, PAYMENT FOR ALL UNCLASSIFIED CHANNEL EXCAVATION, INCLUDING THAT PORTION WHICH IS INSIDE THE COFFERDAM BUT OUTSIDE THE COFFERDAM PAY LIMITS, WILL BE MADE AT THE CONTRACT UNIT PRICE FOR UNCLASSIFIED CHANNEL EXCAVATION. NO MEASUREMENT AND PAYMENT WILL BE MADE FOR COFFERDAM EXCAVATION AND GRANULAR BACKFILL FOR STRUCTURES OUTSIDE THE PAY LIMITS DEFINED IN NOTE 2.

PROJECT NAME: LINCOLN
PROJECT NUMBER: BO TRUS(7)

FILE NAME: s22j410typ.dgn
PROJECT LEADER: JB MCCARTHY
DESIGNED BY: S. COLEY
TYPICAL SECTIONS 3

PLOT DATE: 22-APR-2026
DRAWN BY: S. COLEY
CHECKED BY: K. BATHALON
SHEET 5 OF 23

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
	BF	BARRIER FENCE
	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
	PDF	PROJECT DEMARCATION FENCE
	R&RES	REMOVE & RESET
	R&REP	REMOVE & REPLACE
	R.T. & I.	RIGHT, TITLE, AND INTEREST
	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 RADIUS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE
CB	CHORD BEARING

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+TELEPHONE
— 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+TELEPHONE
— · · —	· · · · ·	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 — x — x — x — BF — x — x —	BARRIER FENCE
xxxxxxxxxxxxxxxxxxxxxxxx	TREE PROTECTION ZONE (TPZ)
//////////	STRIPING LINE REMOVAL
~~~~~	SHEET PILES

CONVENTIONAL BOUNDARY SYMBOLGY

BOUNDARY LINES

■ TOWN LINE ■	TOWN BOUNDARY LINE
■ COUNTY LINE ■	COUNTY BOUNDARY LINE
■ STATE 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 —	
△ 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	SEDIMENT ISOLOATION (IN-WATER)
▣	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

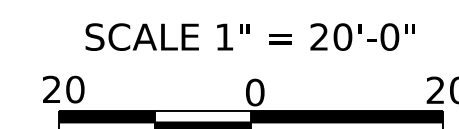
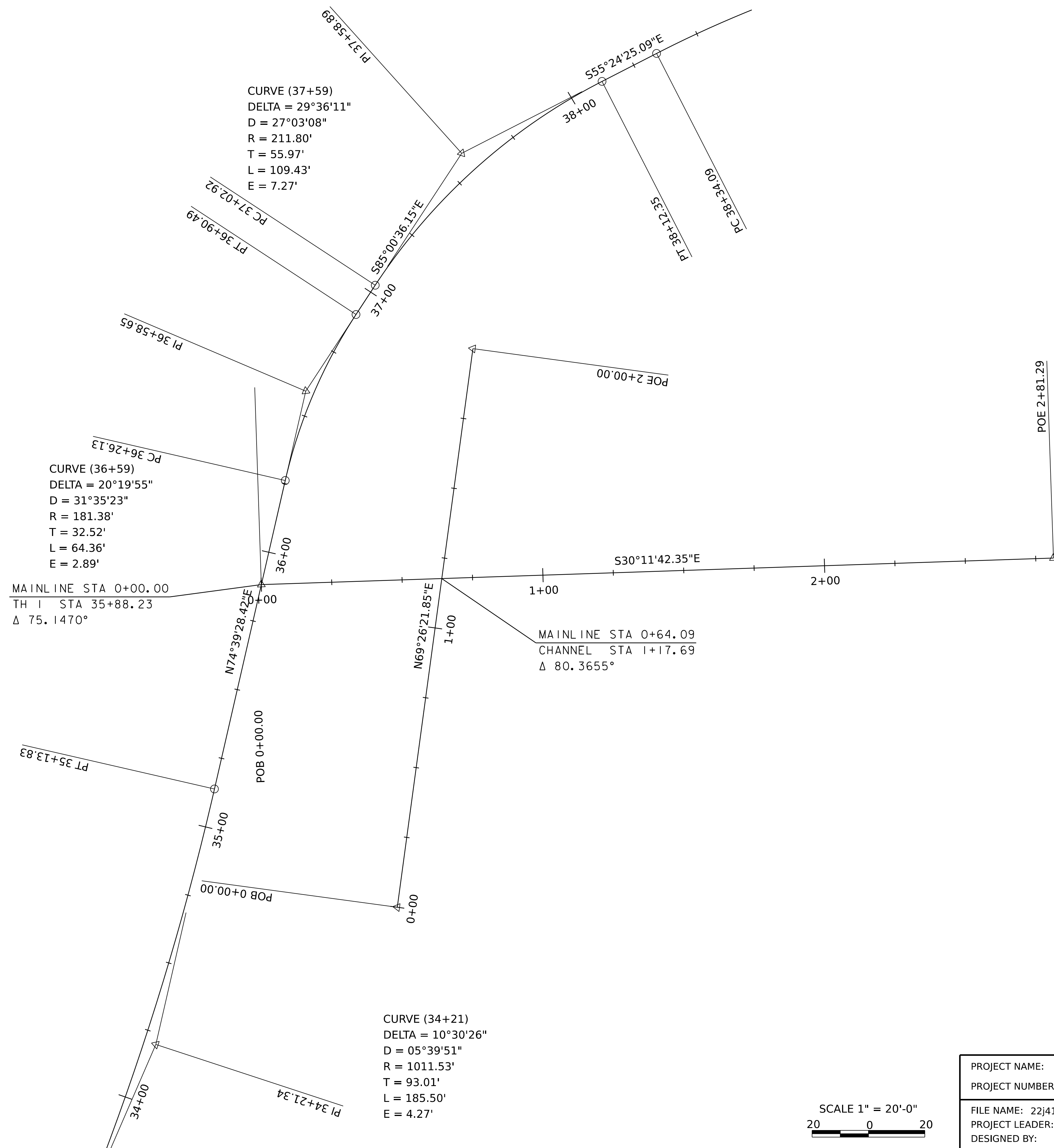
—— ARCH ——	ARCHEOLOGICAL BOUNDARY
—— HISTORIC DIST ——	HISTORIC DISTRICT BOUNDARY
—— HISTORIC ——	HISTORIC AREA
(H)	HISTORIC STRUCTURE

CONVENTIONAL TOPOGRAPHIC SYMBOLGY

EXISTING FEATURES

-----	ROAD EDGE PAVEMENT
-----	ROAD EDGE GRAVEL
-----	DRIVEWAY EDGE
-----	DITCH
-----	FOUNDATION
x — x — x — x —	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:	LINCOLN
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410legend.dgn
PROJECT LEADER:	JB MCCARTHY
DESIGNED BY:	S. COLEY
CONVENTIONAL SYMBOLGY LEGEND	
PLOT DATE:	22-APR-2026
DRAWN BY:	S. COLEY
CHECKED BY:	JB MCCARTHY
SHEET	6 OF 23



PROJECT NAME:	LINCOLN		
PROJECT NUMBER:	BO TRUS(7)		
FILE NAME:	22j410bdr_alg	PLOT DATE:	22-APR-2026
PROJECT LEADER:	JB MCCARTHY	DRAWN BY:	S. COLEY
DESIGNED BY:	S. COLEY	CHECKED BY:	JB MCCARTHY
ALIGNMENT SHEET		SHEET	7 OF 23

SOIL INFORMATION:  
ROCK LAND  
HYDROLOGICAL SOIL GROUP: NR

SOIL INFORMATION:  
BERKSHIRE AND MARLOW SOILS  
20% TO 50% SLOPES  
HYDROLOGICAL SOIL GROUP: B

N/F  
STEPHEN J. HALNON -  
LIFE ESTATE

N/F  
ROLEAU,  
WILLIAM J. &  
BONNIE J.

N/F  
LEE, ROBERT E. &  
WHITE, MICHELLE

SOIL INFORMATION:  
STETSON GRAVELLY FINE SANDY LOAM  
KfactWS = 0.10, 30% TO 50% SLOPES  
HYDROLOGICAL SOIL GROUP: A

TH-6  
(YORK HILL RD)

BENCHMARK  
RAILROAD SPIKE  
IN POLE  
ELEV. = 903.06

N/F  
LEE, DAVID A. &  
TERRI LEE

EXISTING EASEMENT BENEFITTING  
GMP AND WAITSFIELD-FAYSTON TELEPHONE  
CO. D/B/A WAITSFIELD AND CHAMPLAIN  
VALLEY TELECOM  
BK 78/ PG 432

SOIL INFORMATION:  
STETSON GRAVELLY FINE SANDY LOAM  
KfactWS = 0.10, 0% TO 5% SLOPES  
HYDROLOGICAL SOIL GROUP: A

N/F  
MARTELL,  
LAWRENCE

N/F  
JODY R. ATKINS AND  
LORI A. ATKINS, TRUSTEES  
OF THE ATKINS FAMILY 2019  
TRUST

SOIL INFORMATION:  
STETSON GRAVELLY FINE SANDY LOAM  
KfactWS = 0.10, 0% TO 5% SLOPES  
HYDROLOGICAL SOIL GROUP: A

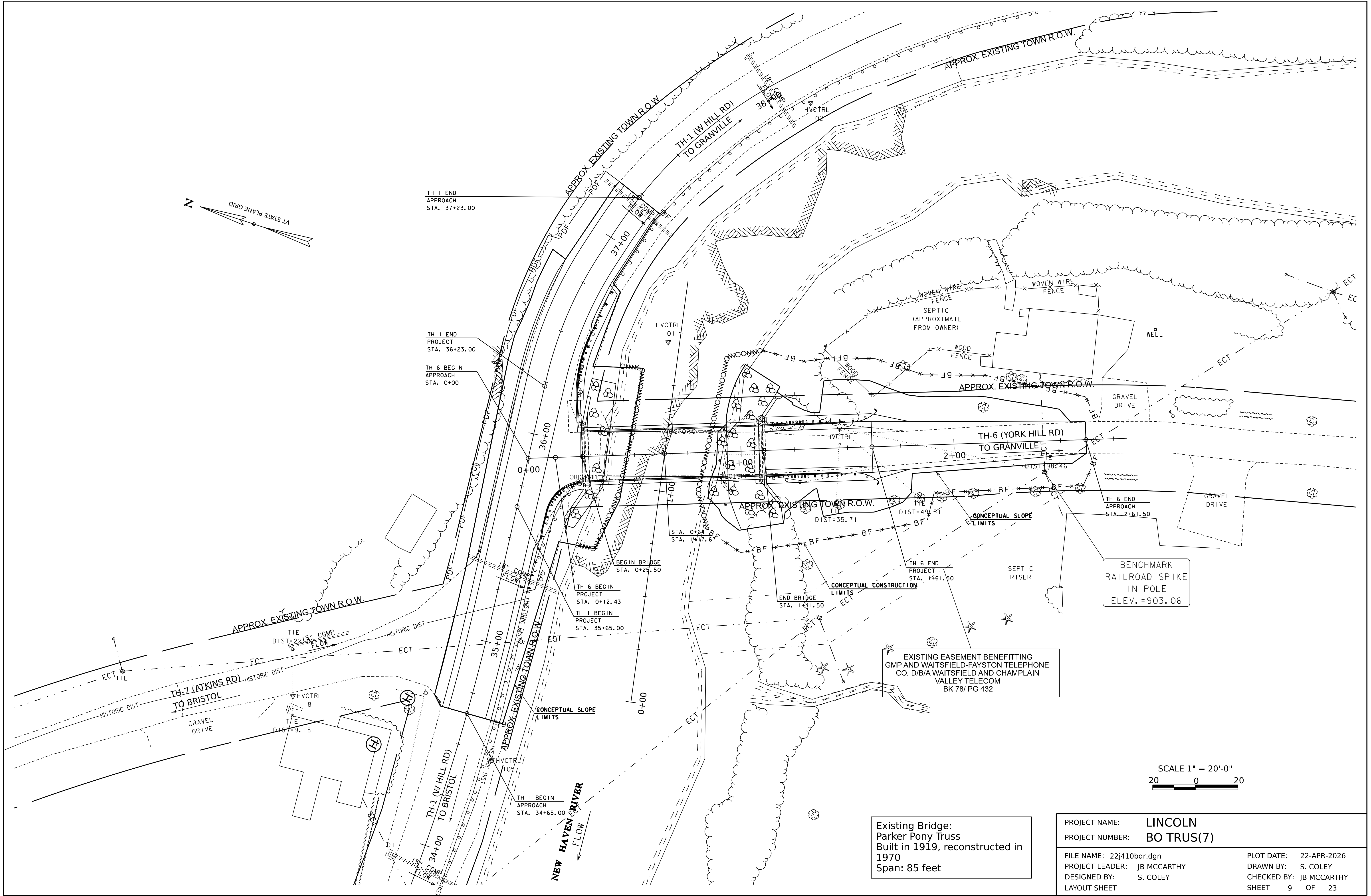
SOIL INFORMATION:  
COBBLY ALLUVIAL LAND  
KfactWS = 0.37  
HYDROLOGICAL SOIL GROUP: NR

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

PROJECT NAME: LINCOLN  
PROJECT NUMBER: BO TRUS(7)

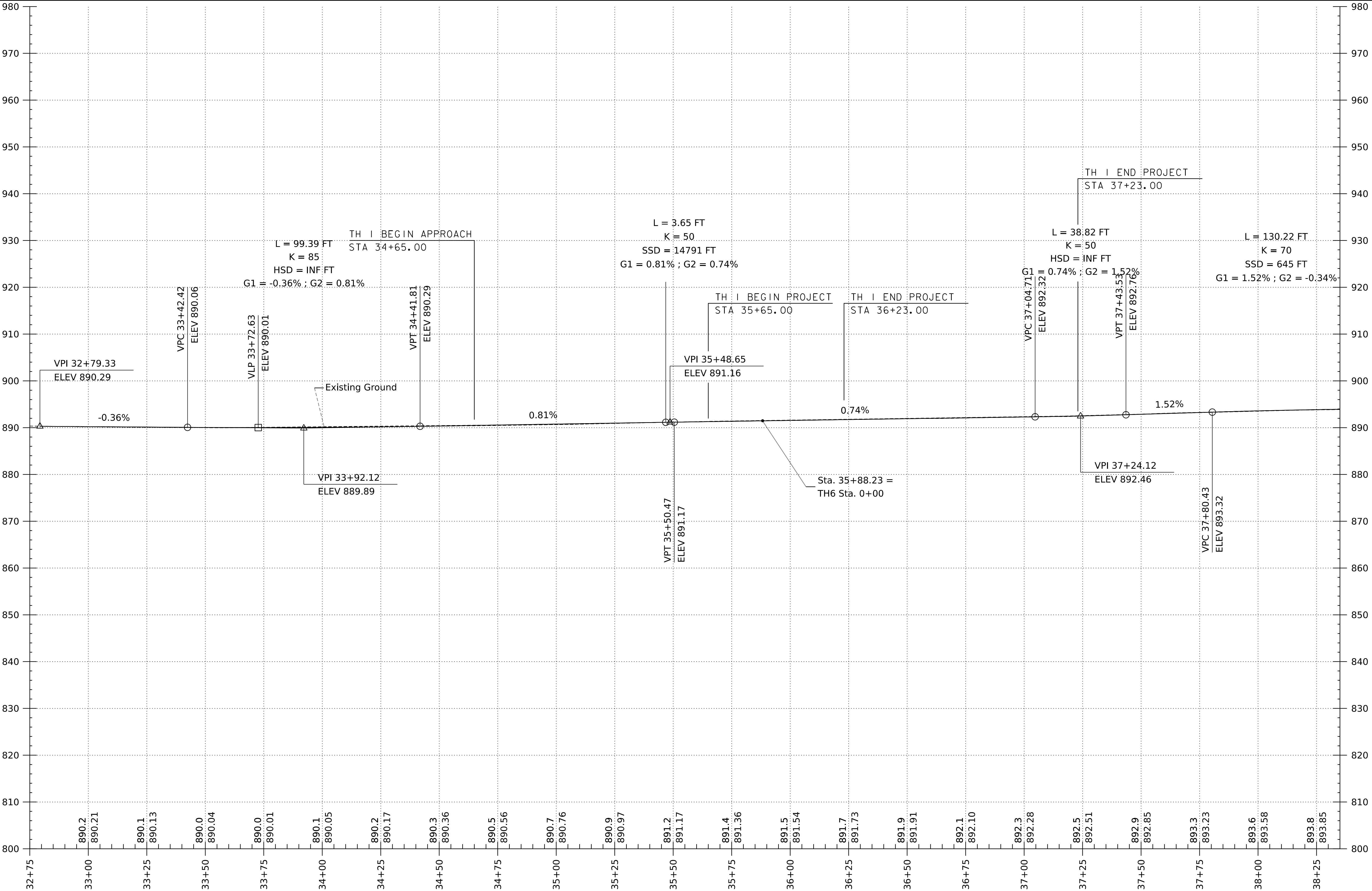
FILE NAME: 22j410bdr_existing  
PROJECT LEADER: JB MCCARTHY  
DESIGNED BY: S. COLEY  
EXISTING CONDITIONS

PLOT DATE: 22-APR-2026  
DRAWN BY: S. COLEY  
CHECKED BY: JB MCCARTHY  
SHEET 8 OF 23



Existing Bridge:  
Parker Pony Truss  
Built in 1919, reconstructed in  
1970  
Span: 85 feet

PROJECT NAME:	LINCOLN		
PROJECT NUMBER:	BO TRUS(7)		
FILE NAME:	22j410bdr.dgn	PLOT DATE:	22-APR-2026
PROJECT LEADER:	JB MCCARTHY	DRAWN BY:	S. COLEY
DESIGNED BY:	S. COLEY	CHECKED BY:	JB MCCARTHY
LAYOUT SHEET		SHEET	9 OF 23



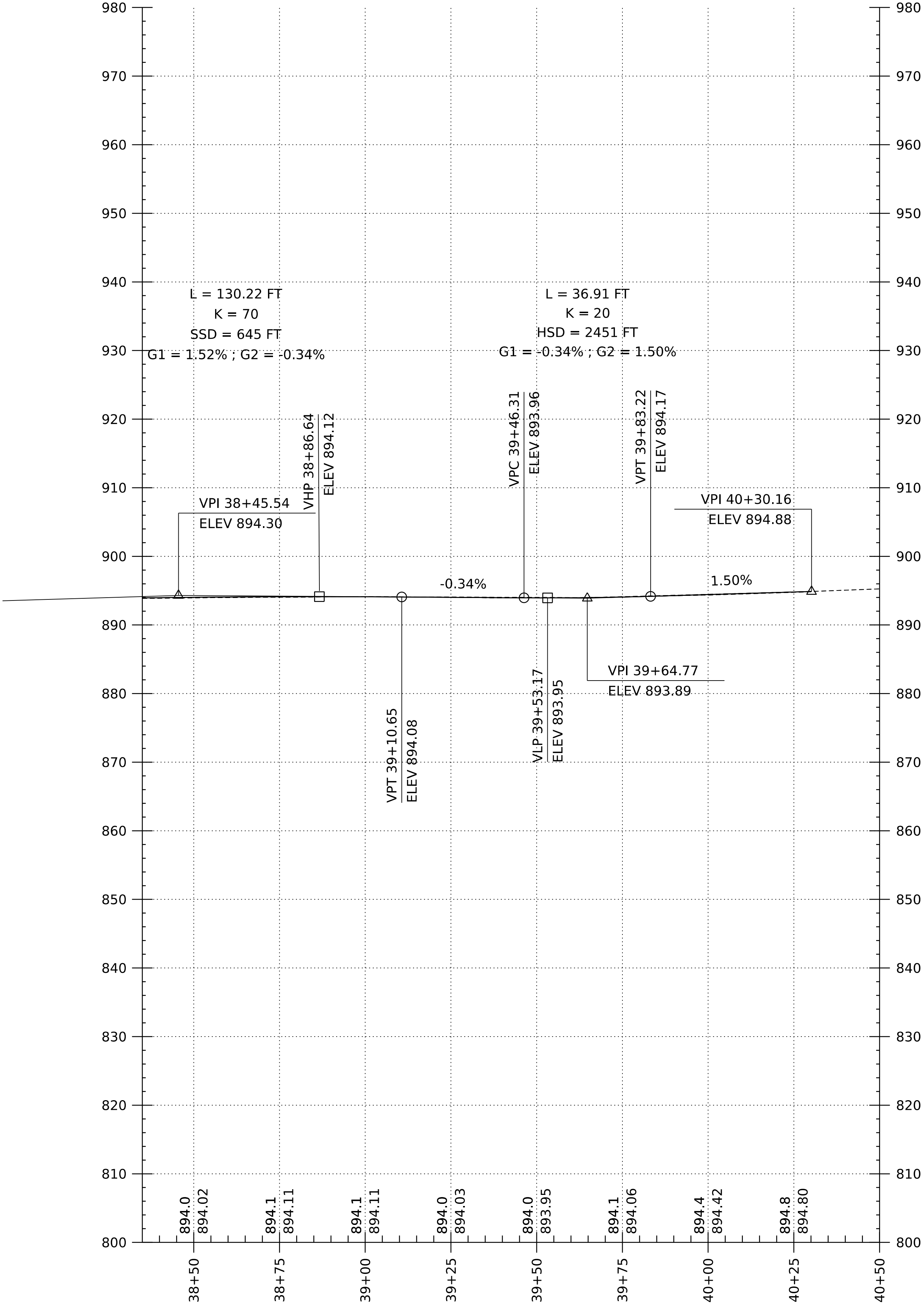
NOTE:  
GRADES SHOWN TO THE NEAREST TENTH ARE EXISTING  
GROUND ALONG  $\mathcal{C}$   
GRADES SHOWN TO THE NEAREST HUNDRETH ARE  
THEORETICAL FINISH GRADE ALONG  $\mathcal{C}$

# TH1 Profile

Horizontal Scale: 1"=20' Vertical Scale: 1" = 10'

PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410profileTH1.dgn
PROJECT LEADER:	JB McCarthy
DESIGNED BY:	K. Bathalon
TH 1 PROFILE SHEET 1	
PLOT DATE:	2/27/2026
DRAWN BY:	K. Bathalon
CHECKED BY:	S. Coley
SHEET	10 OF 23

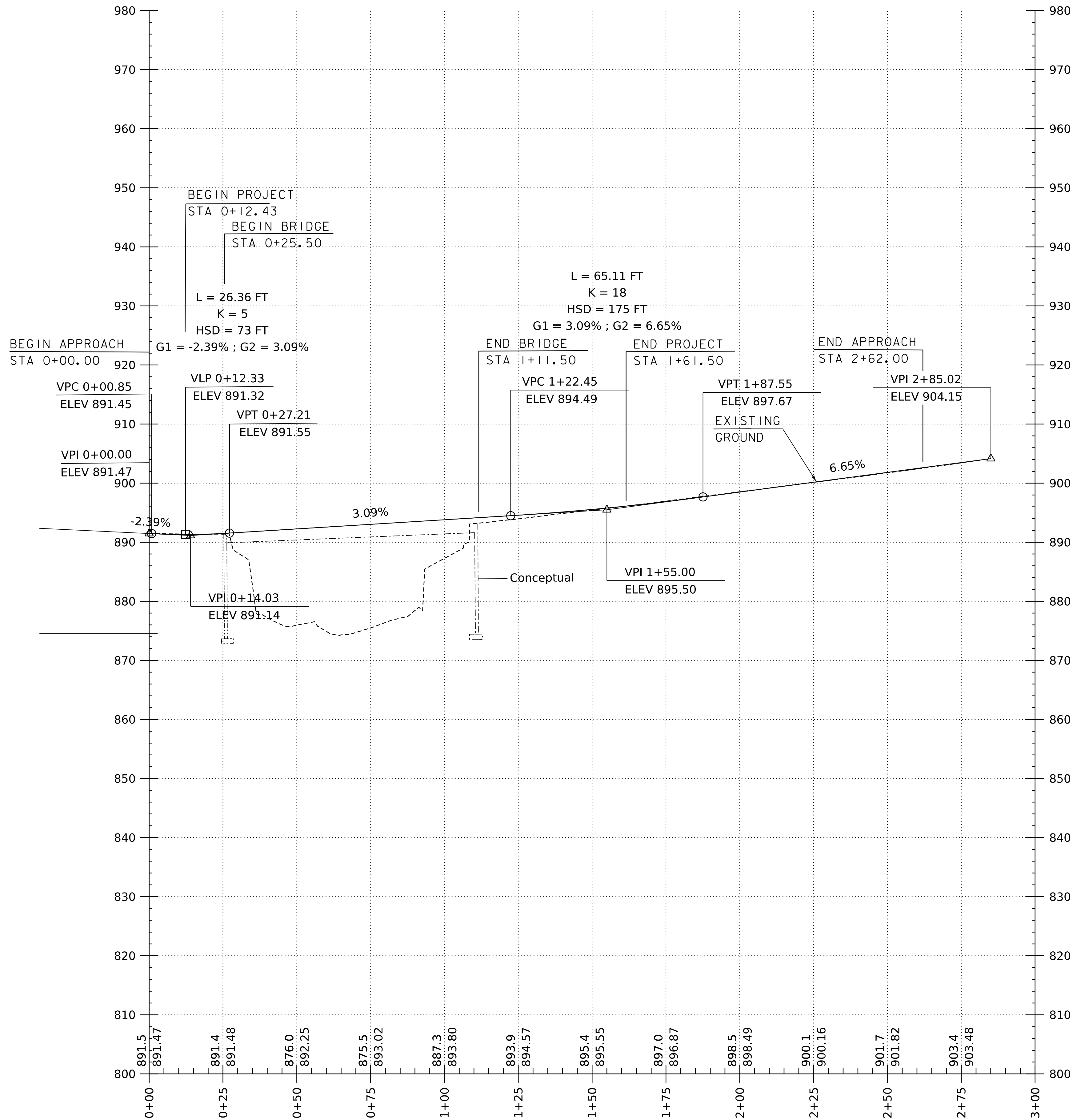
NOTE:  
GRADES SHOWN TO THE NEAREST TENTH ARE EXISTING  
GROUND ALONG CL  
GRADES SHOWN TO THE NEAREST HUNDRETH ARE  
THEORETICAL FINISH GRADE ALONG CL



PROJECT NAME: Lincoln  
PROJECT NUMBER: BO TRUS(7)

FILE NAME: s22j410profileTH1.dgn  
PROJECT LEADER: JB McCarthy  
DESIGNED BY: K. Bathalon  
TH 1 PROFILE SHEET 2

PLOT DATE: 2/27/26  
DRAWN BY: K. Bathalon  
CHECKED BY: S. Coley  
SHEET 11 OF 23



NOTE:  
GRADES SHOWN TO THE NEAREST TENTH  
ARE EXISTING GROUND ALONG C.  
GRADES SHOWN TO THE NEAREST  
HUNDREEDTH ARE FINISH GRADE ALONG C.

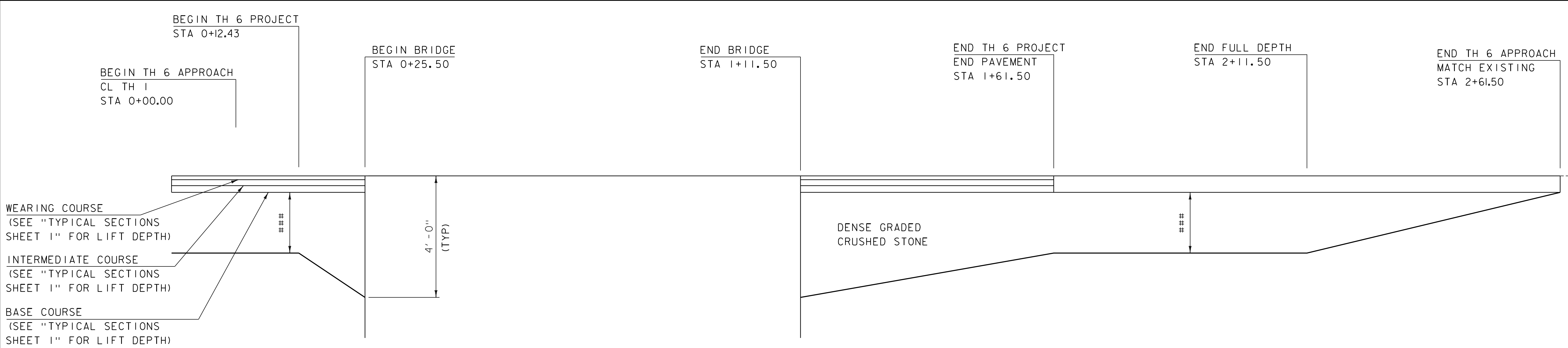
## TH6 Profile

Horizontal Scale: 1"=20' Vertical Scale: 1"=10'

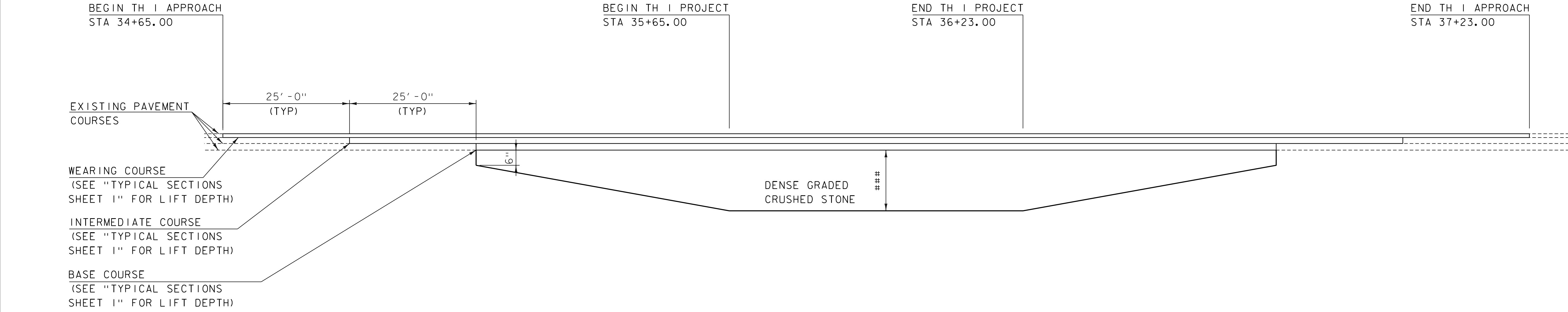
PROJECT NAME: Lincoln  
PROJECT NUMBER: BO TRUS(7)

FILE NAME: s22j410profileTH6.dgn  
PROJECT LEADER: JB McCarthy  
DESIGNED BY: K. Bathalon  
TH 6 PROFILE SHEET

PLOT DATE: 3/02/26  
DRAWN BY: K. Bathalon  
CHECKED BY: S. Coley  
SHEET 12 OF 23

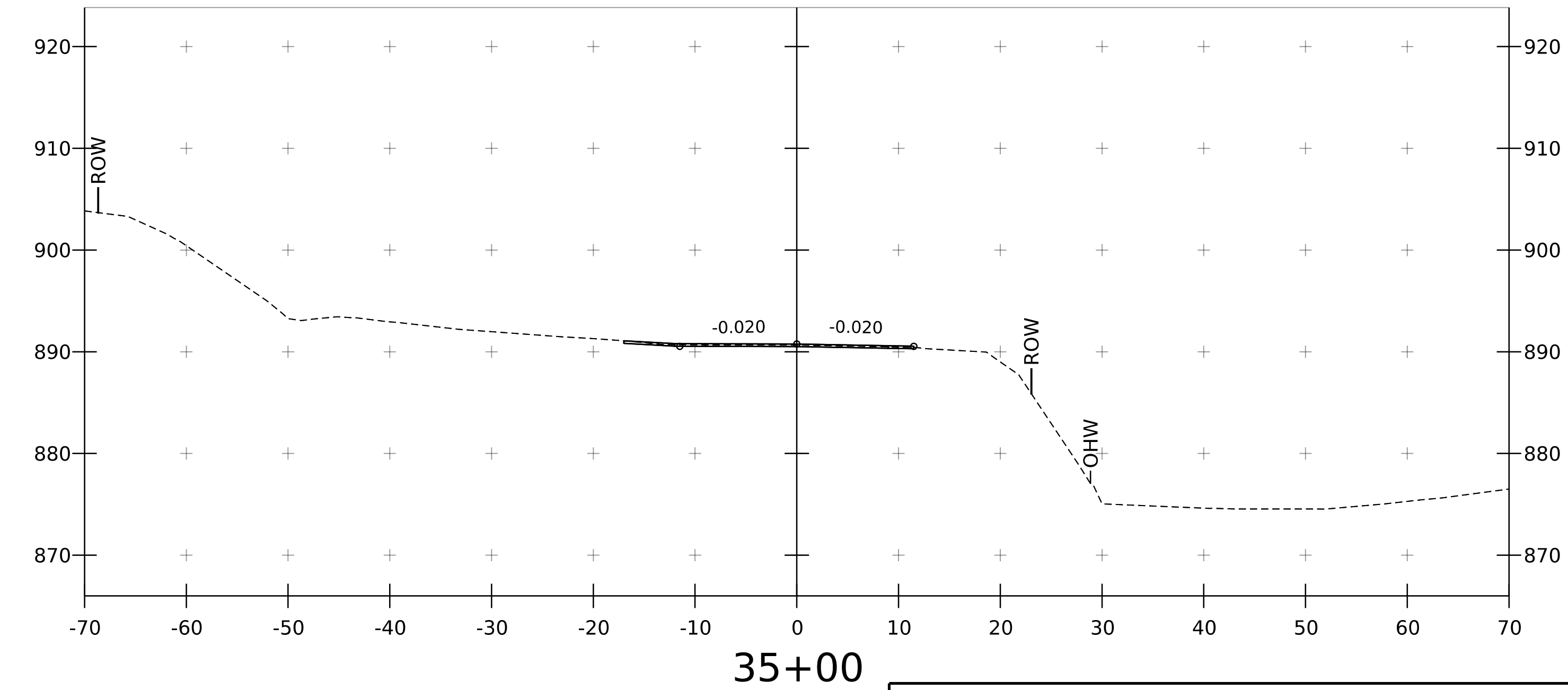
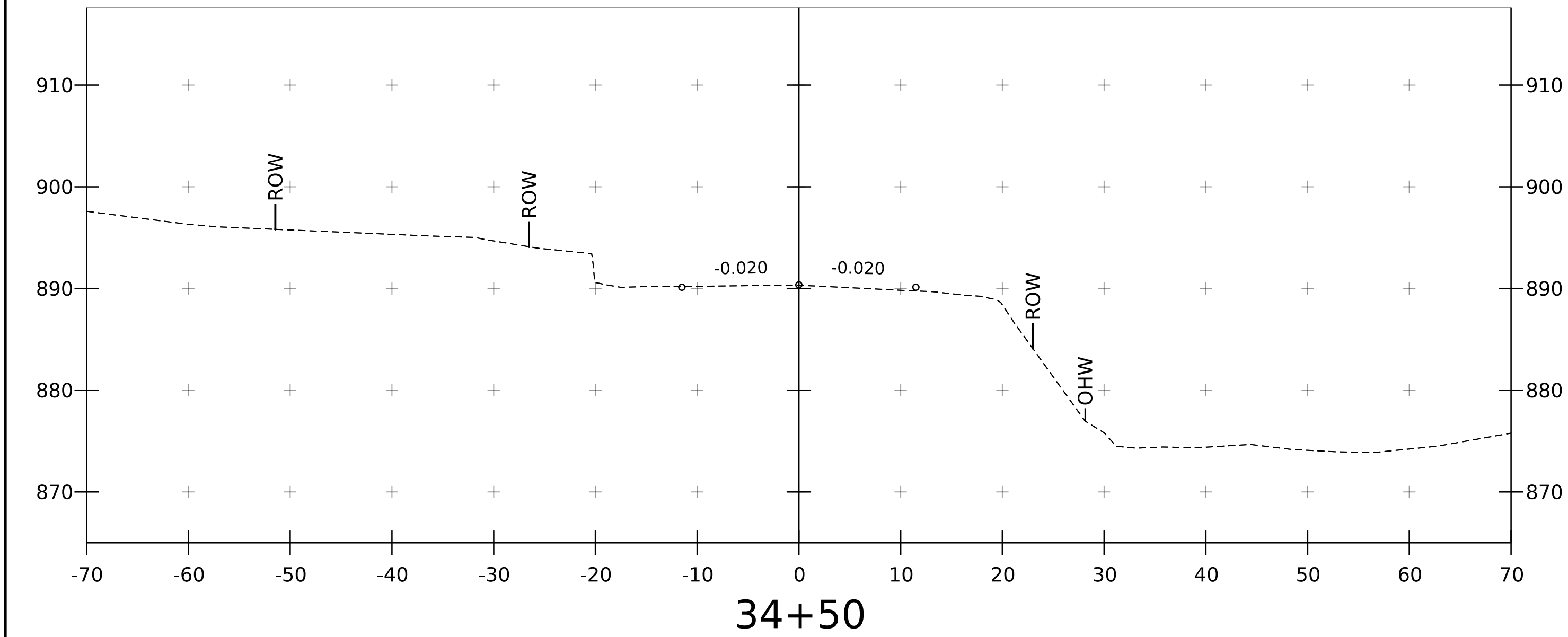
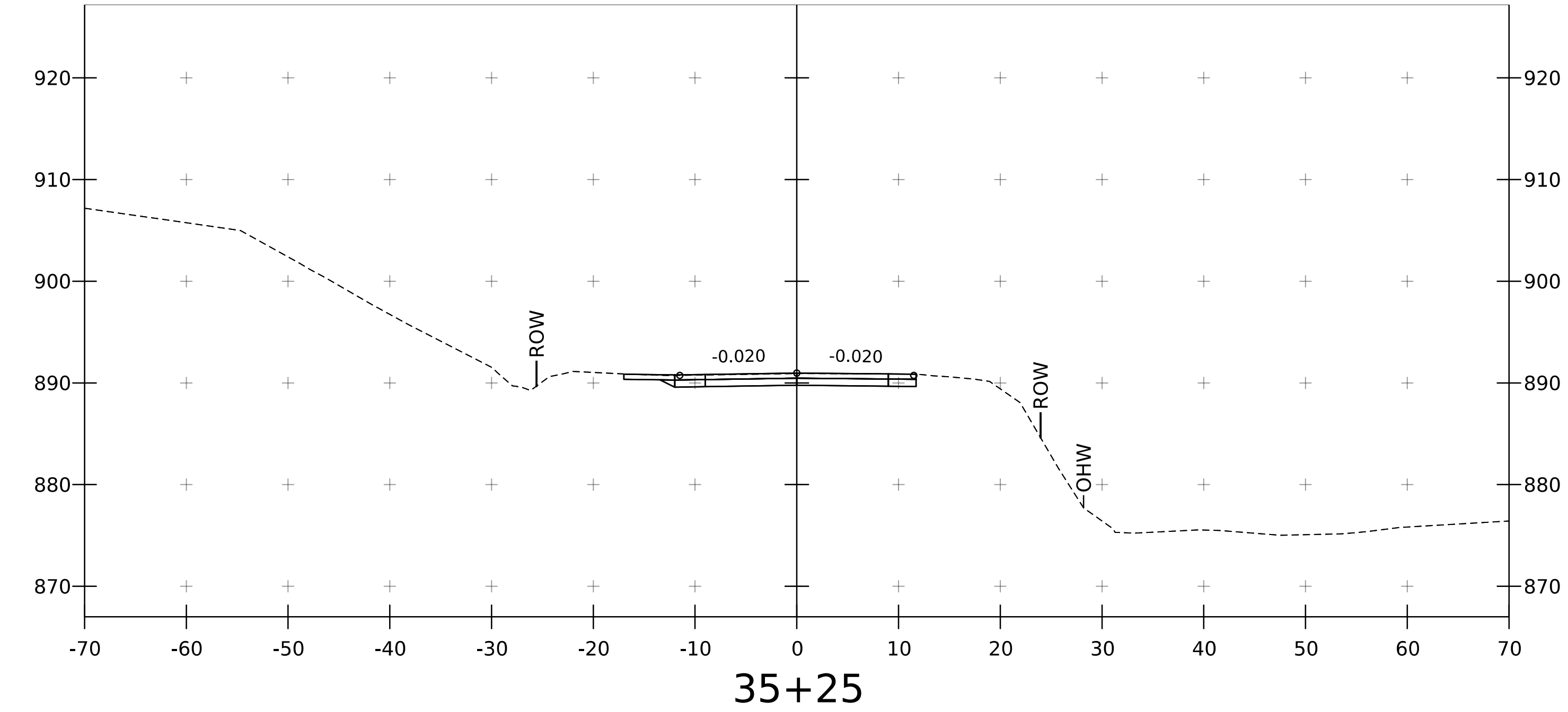
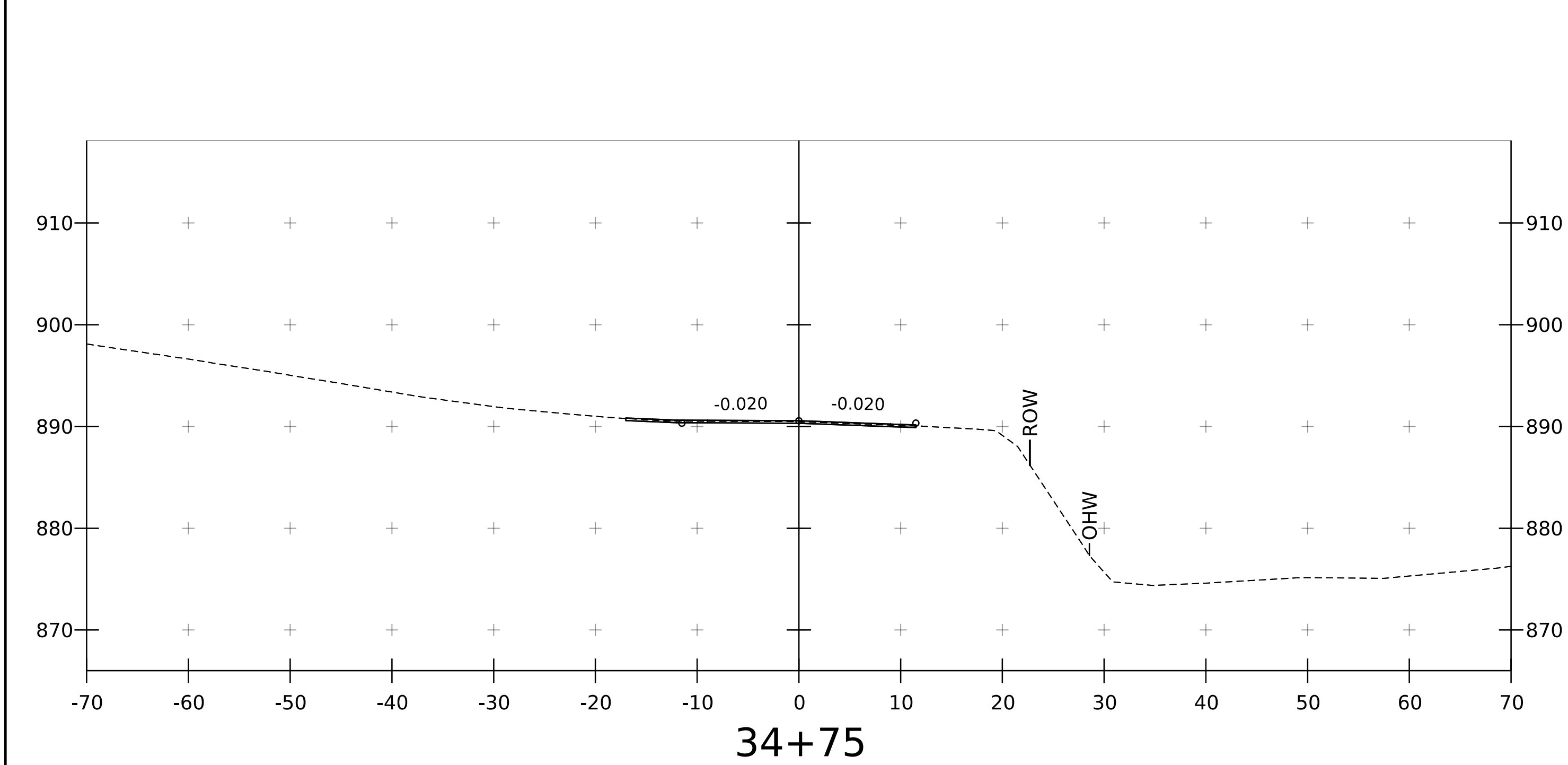


TH 6 MATERIAL TRANSITION  
NOT TO SCALE

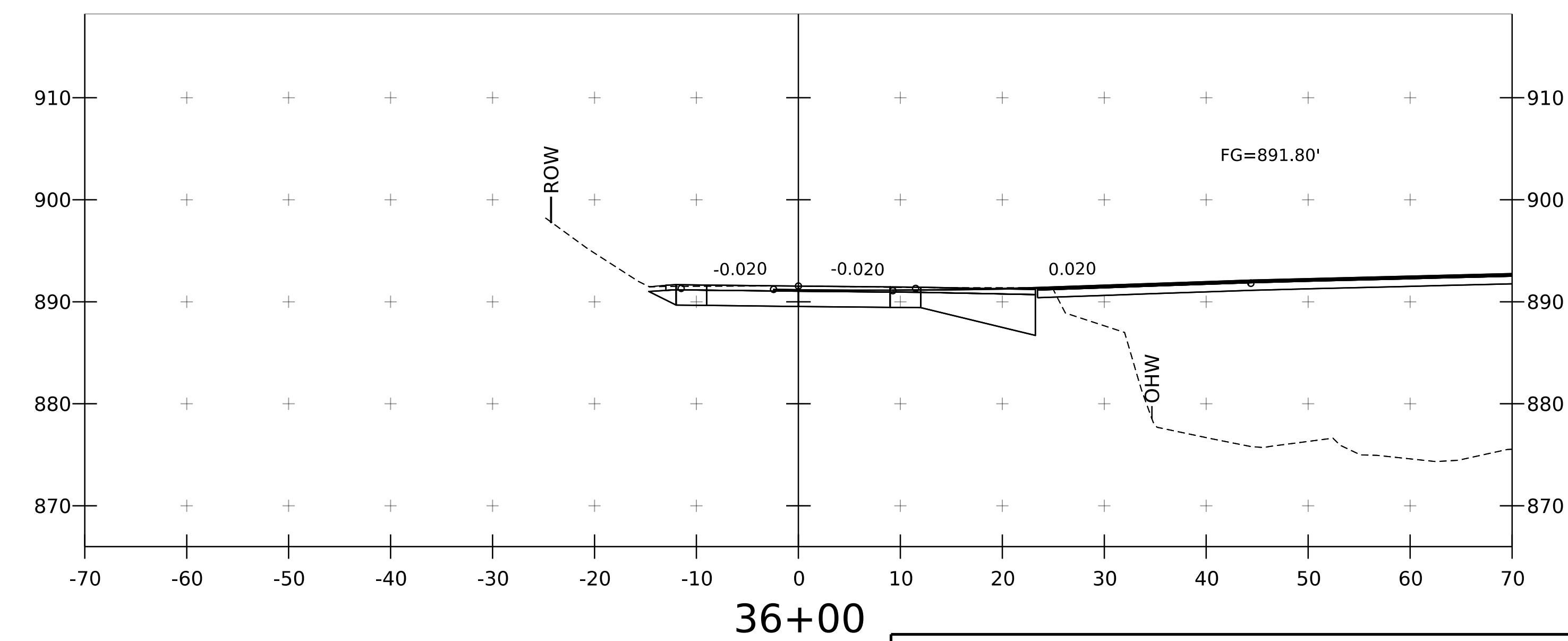
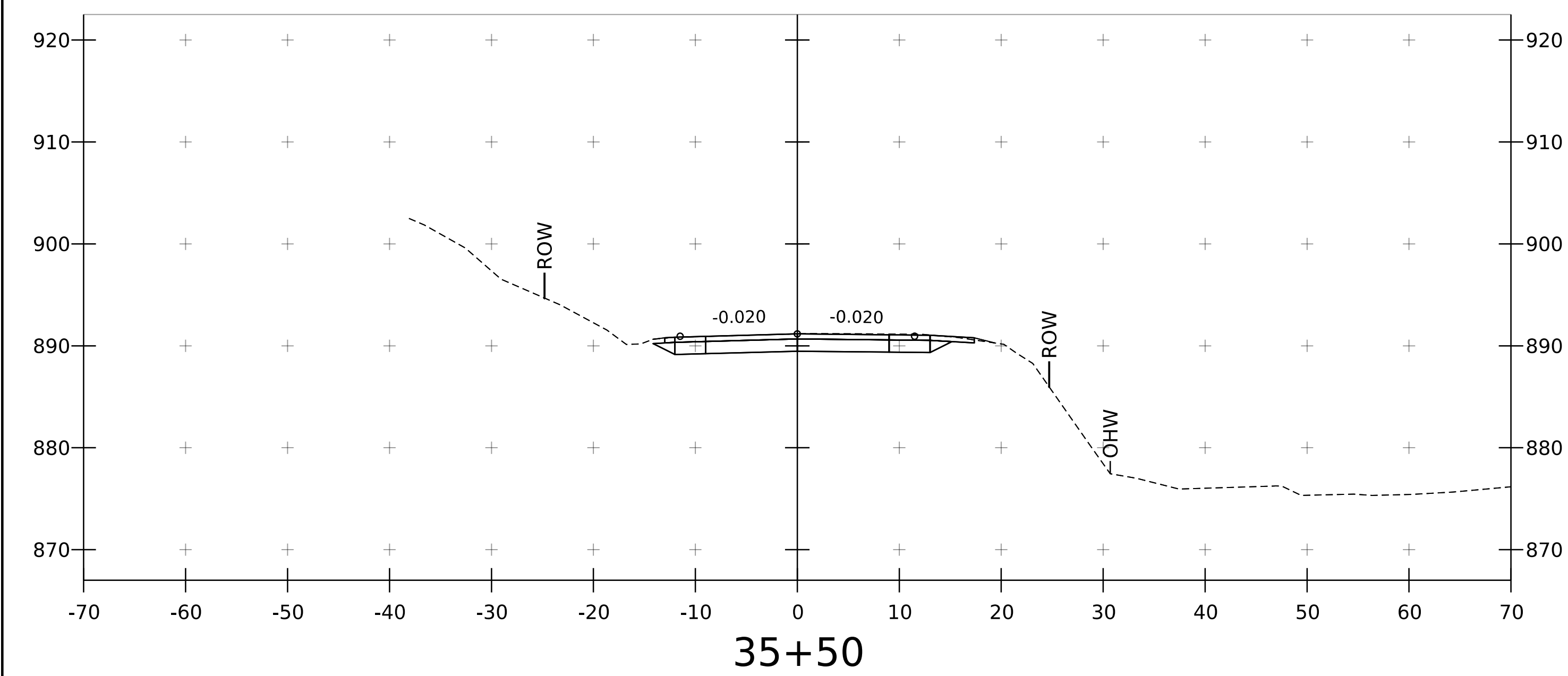
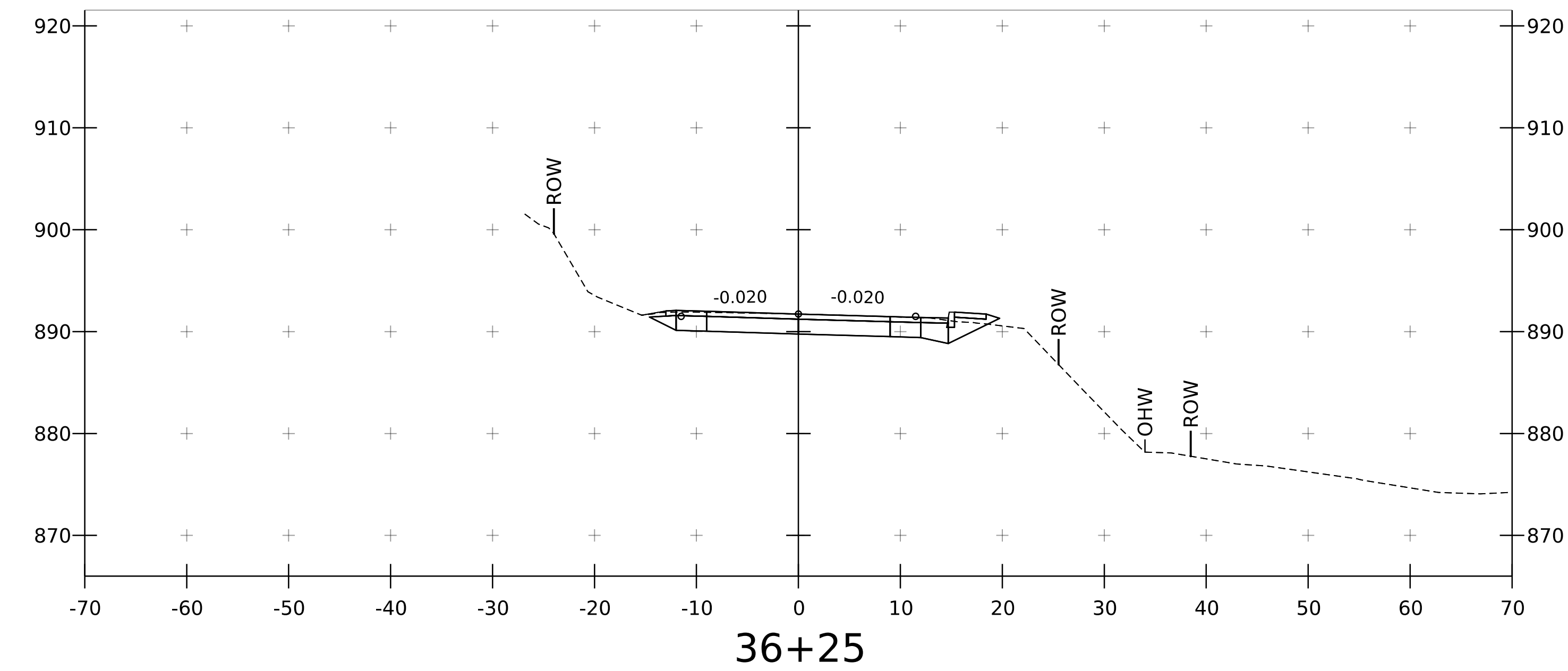
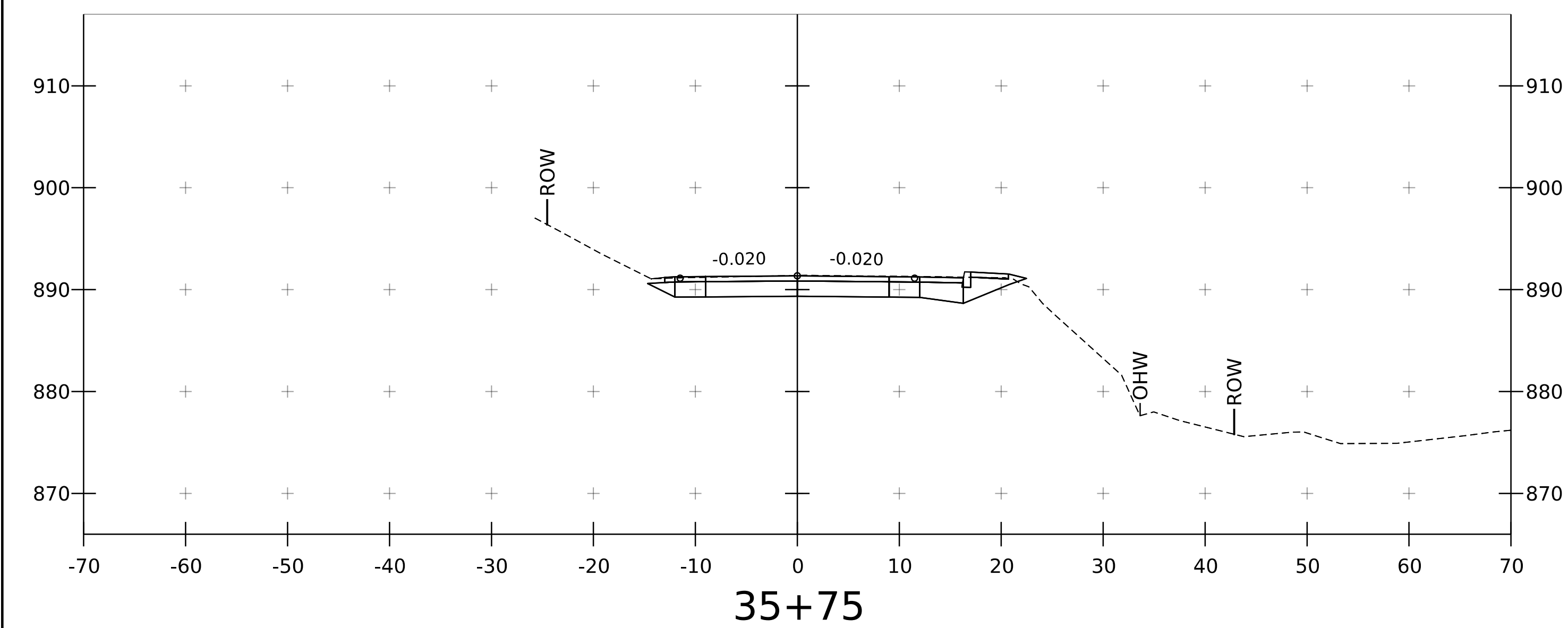


TH 1 MATERIAL TRANSITION  
NOT TO SCALE

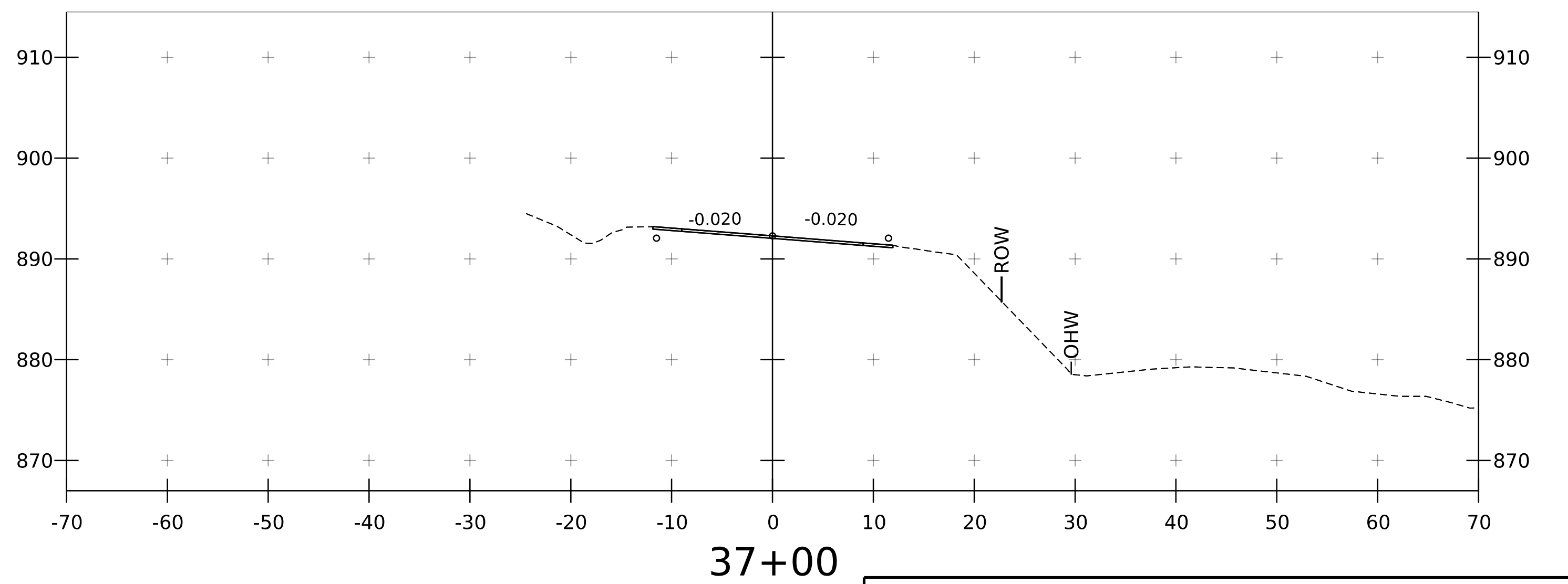
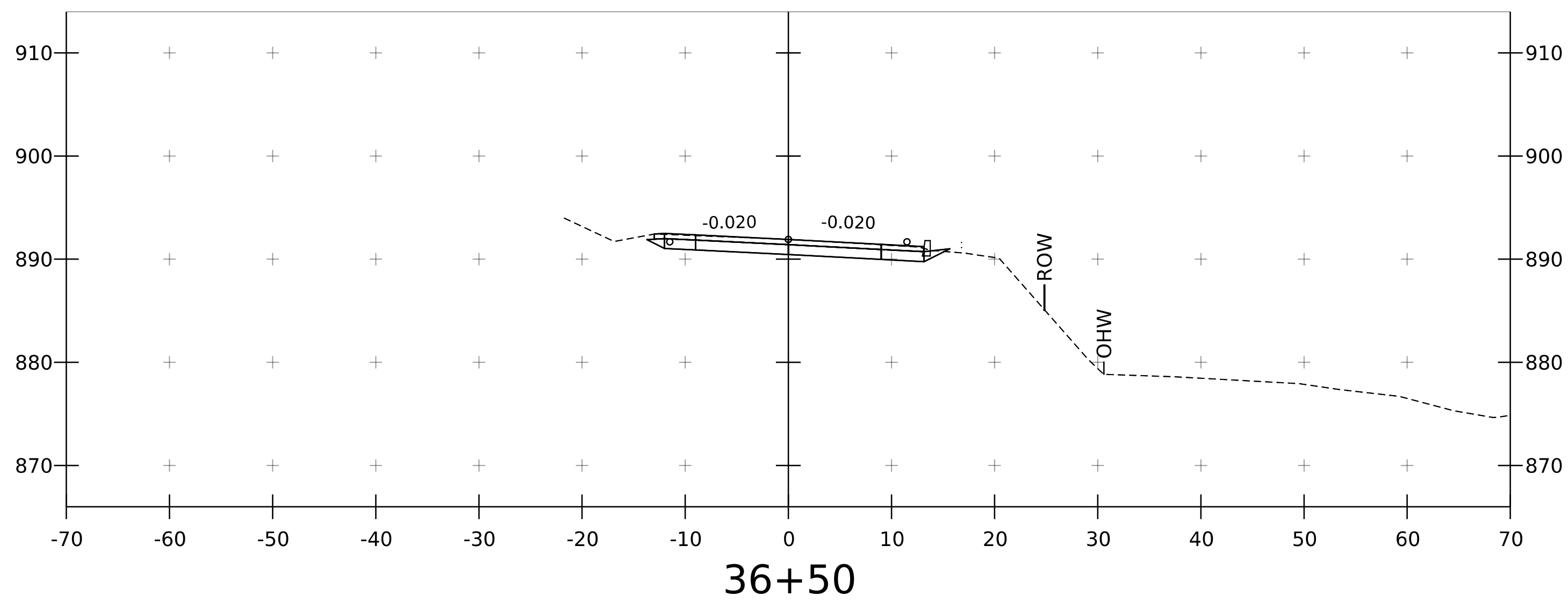
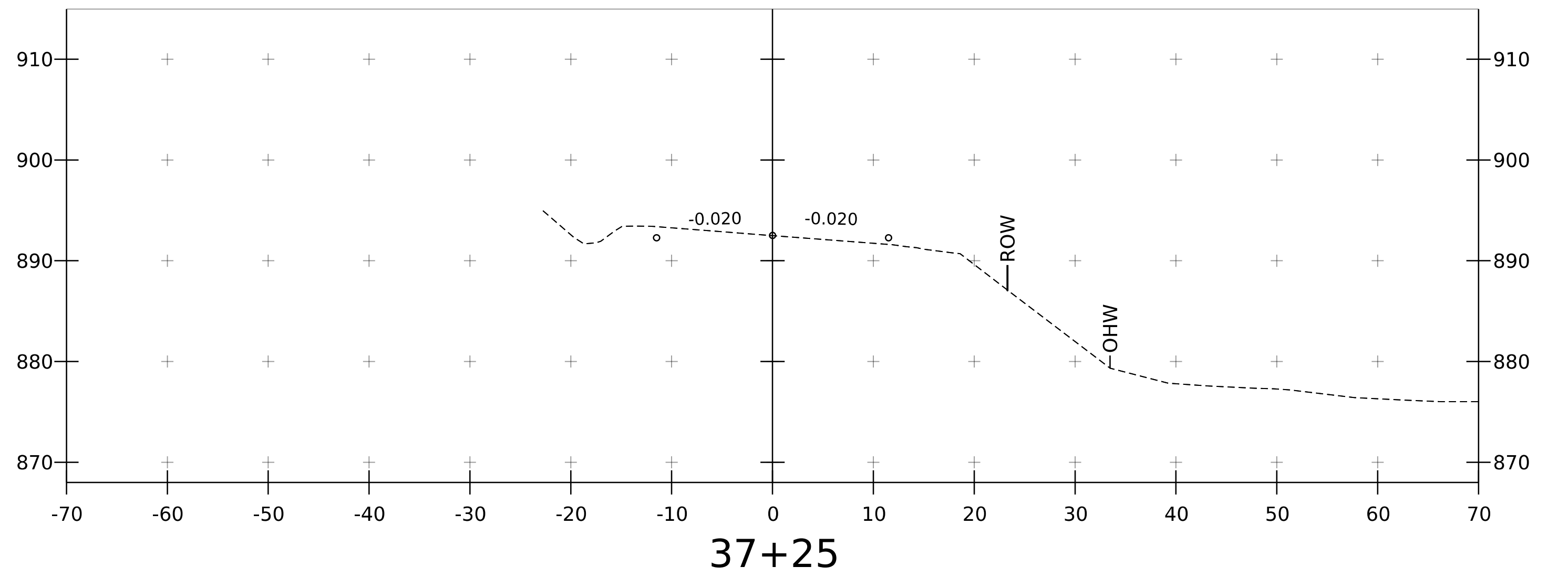
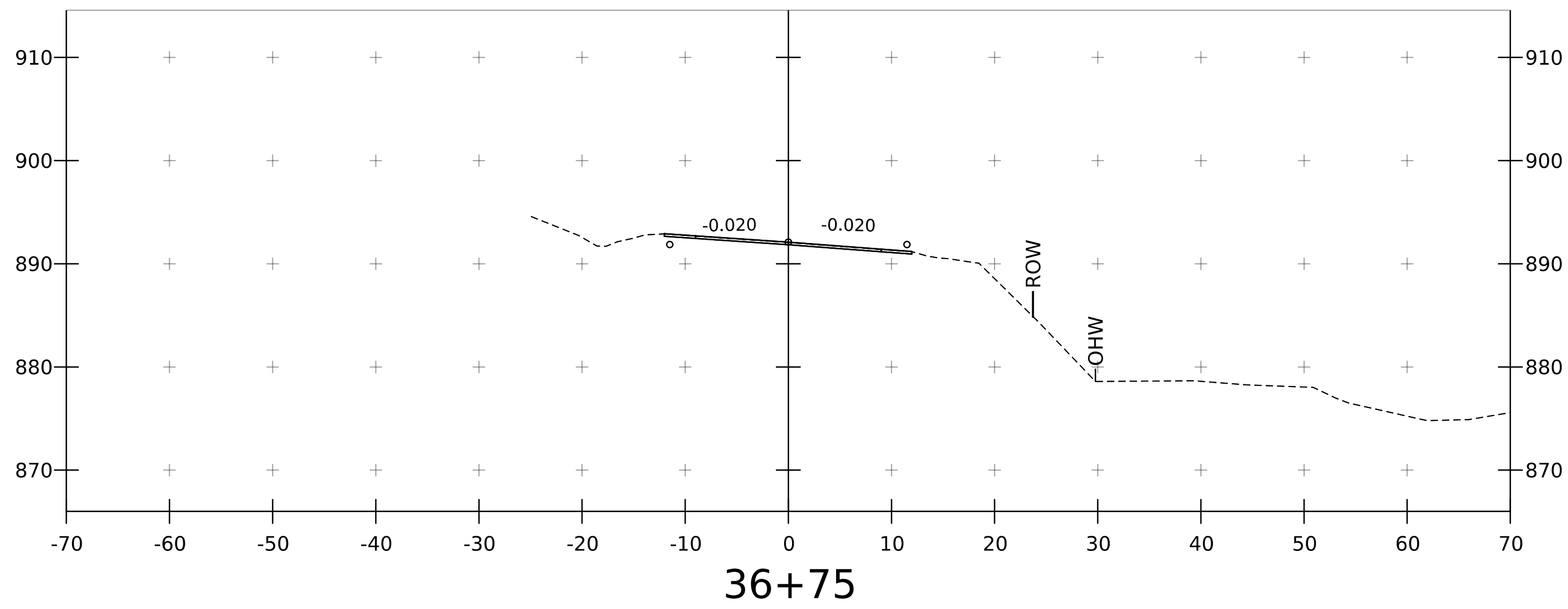
PROJECT NAME:	LINCOLN	PLOT DATE:	22-APR-2026
PROJECT NUMBER:	BO TRUS(7)	DRAWN BY:	S. COLEY
FILE NAME:	s22j410transition	CHECKED BY:	JB MCCARTHY
PROJECT LEADER:	JB MCCARTHY	SHEET	13 OF 23
DESIGNED BY:	S. COLEY		
MATERIAL TRANSITION DIAGRAMS			



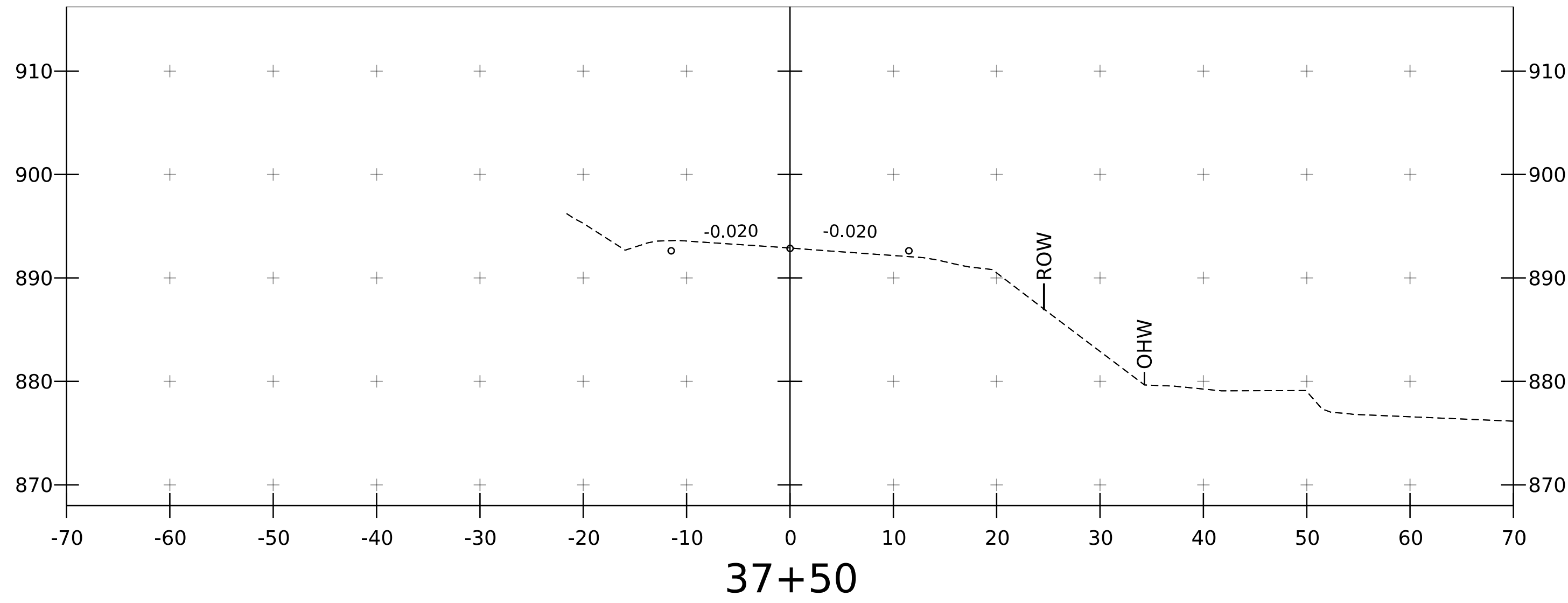
PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410xsTH1.dgn
PROJECT LEADER:	JB McCarthy
DESIGNED BY:	K. Bathalon
TH 1 CROSS SECTION 1	
PLOT DATE:	3/13/26
DRAWN BY:	K. Bathalon
CHECKED BY:	S. Coley
SHEET	14 OF 23



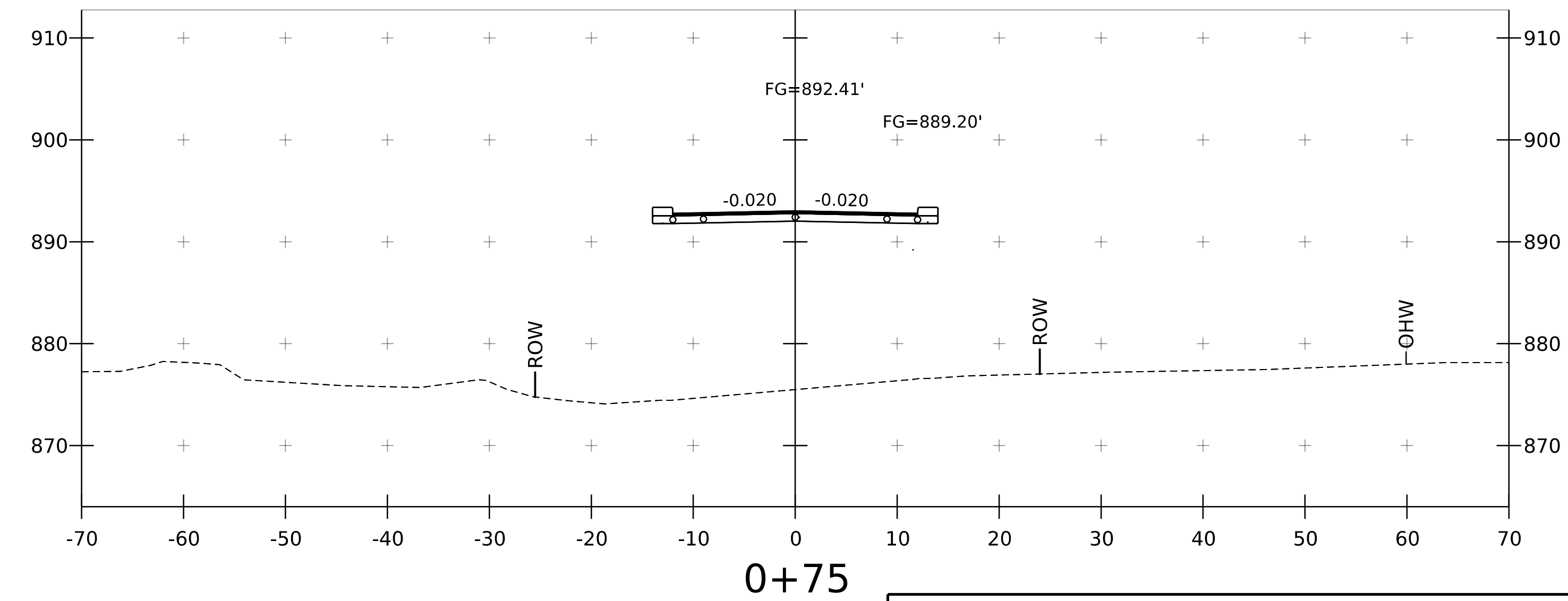
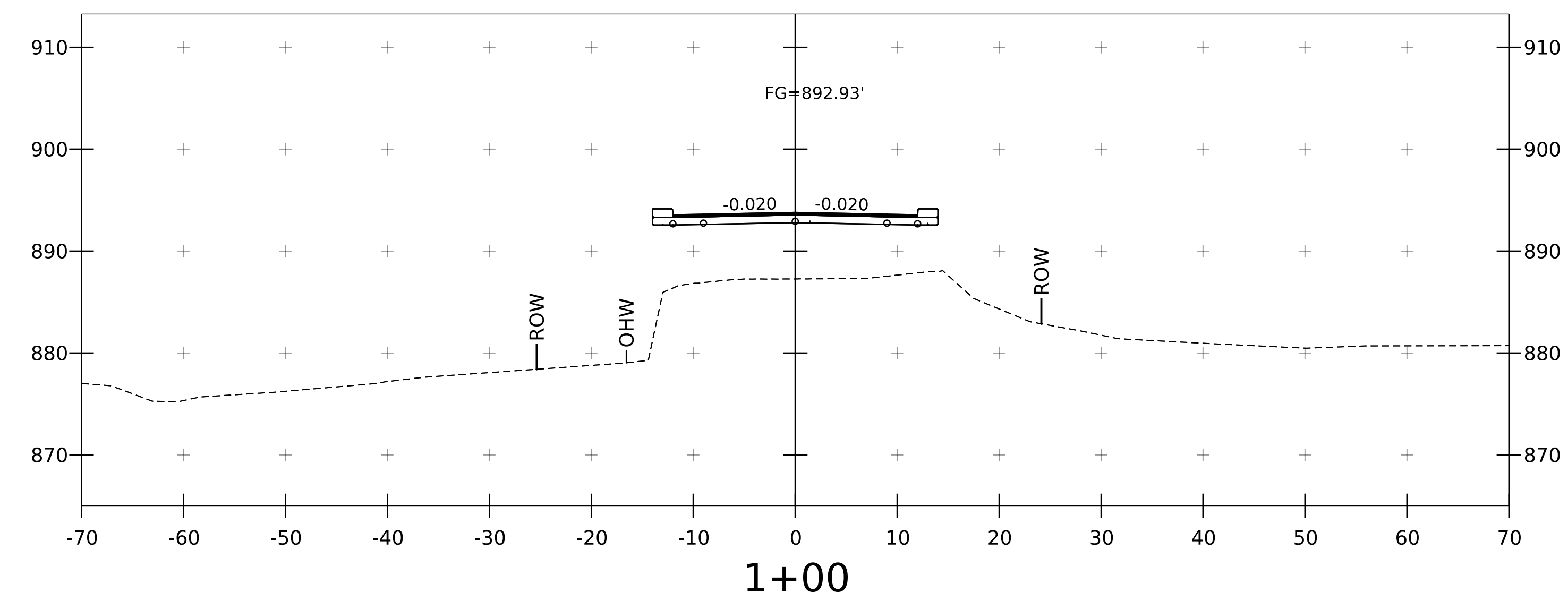
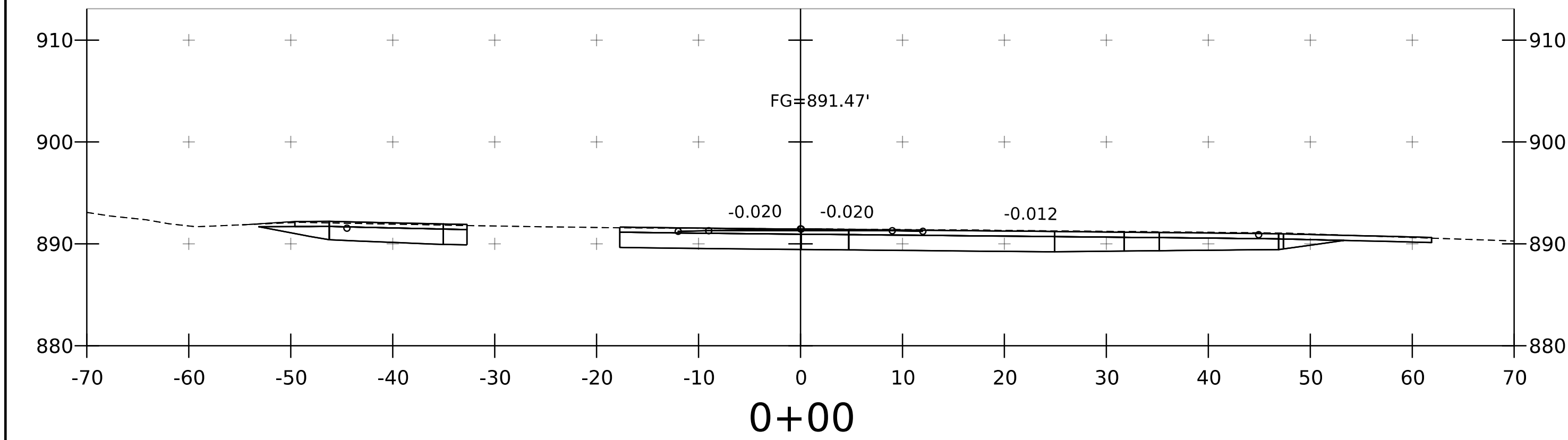
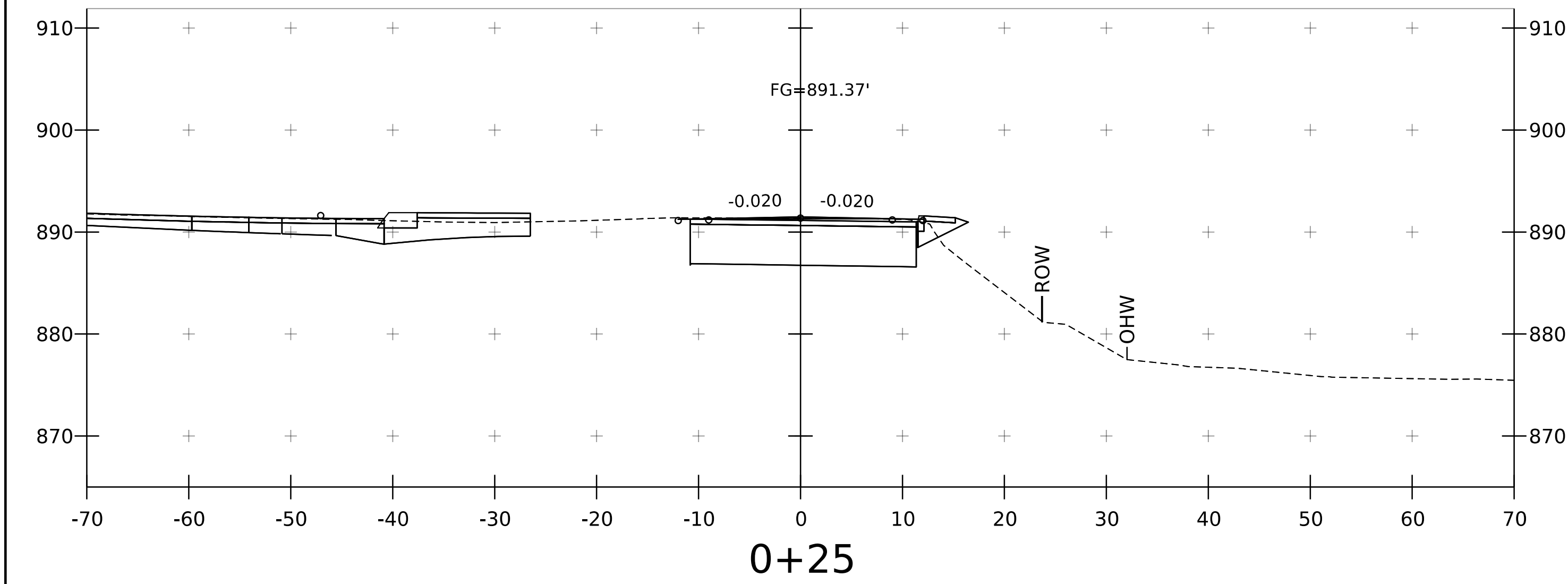
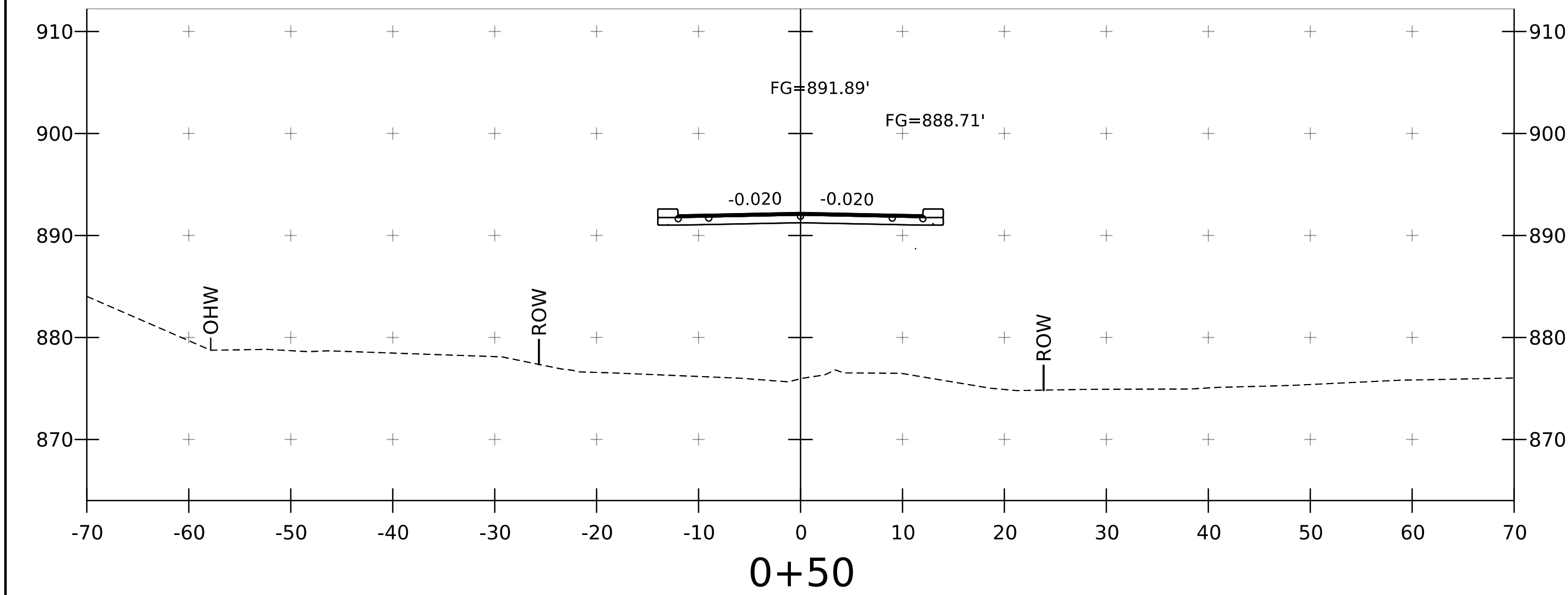
PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410xsTH1.dgn
PROJECT LEADER:	JB McCarthy
DESIGNED BY:	K. Bathalon
TH 1 CROSS SECTION 2	
PLOT DATE:	3/13/26
DRAWN BY:	K. Bathalon
CHECKED BY:	S. Coley
SHEET	15 OF 23



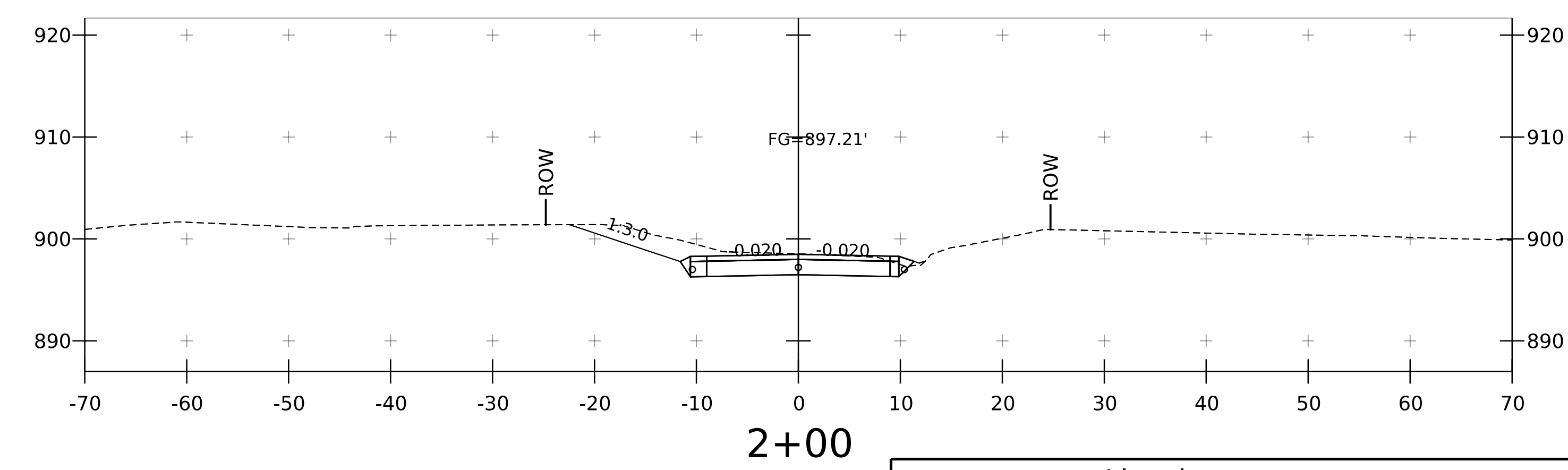
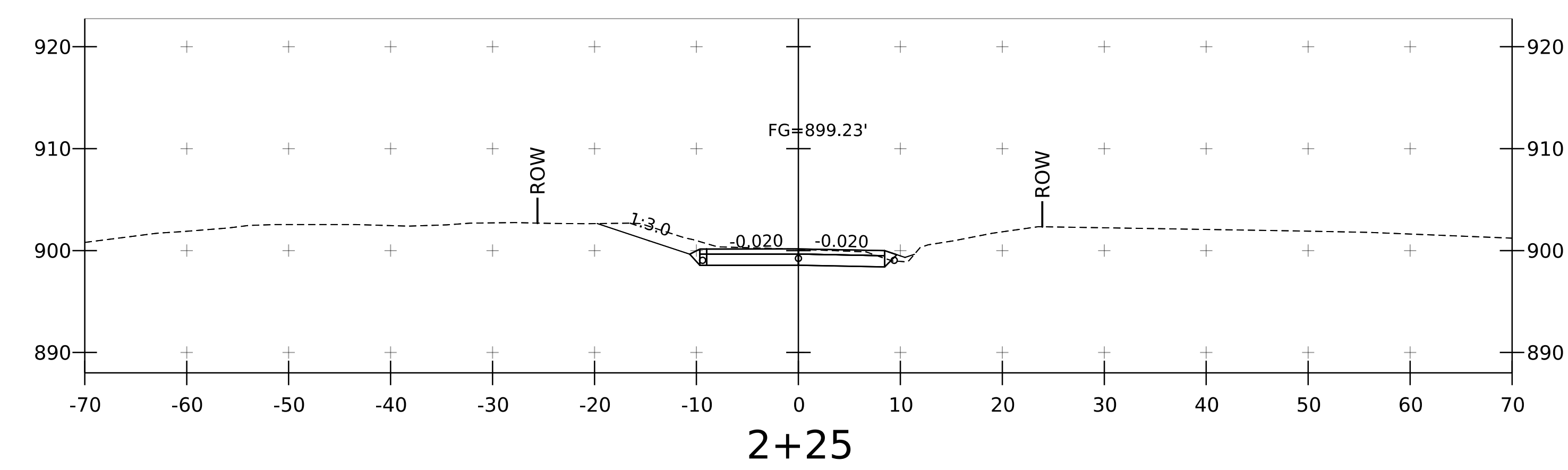
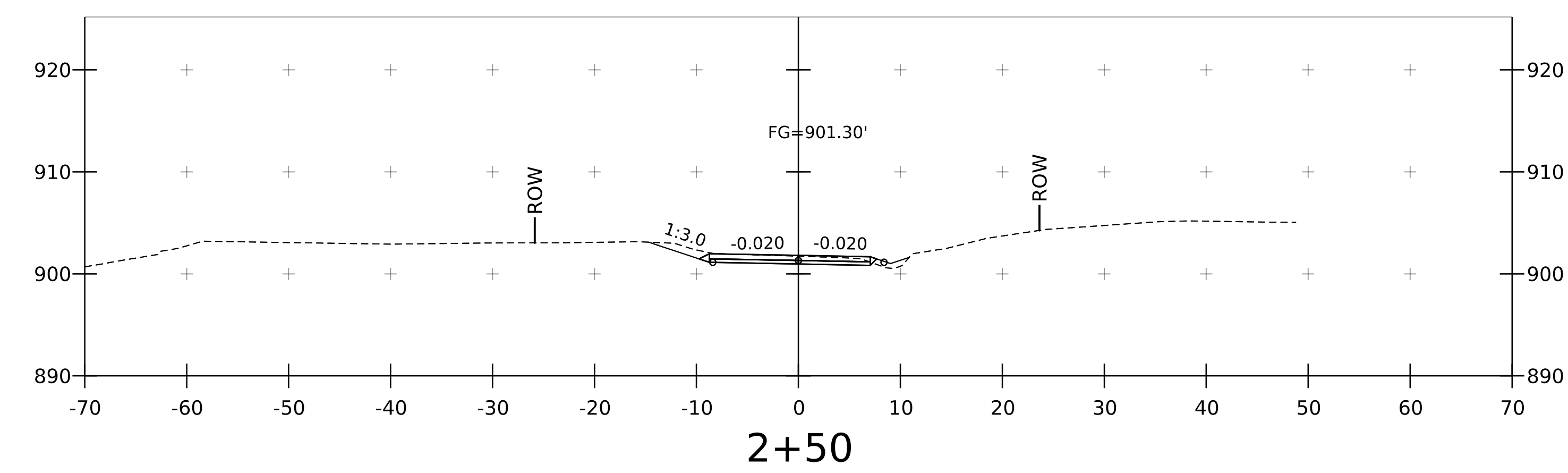
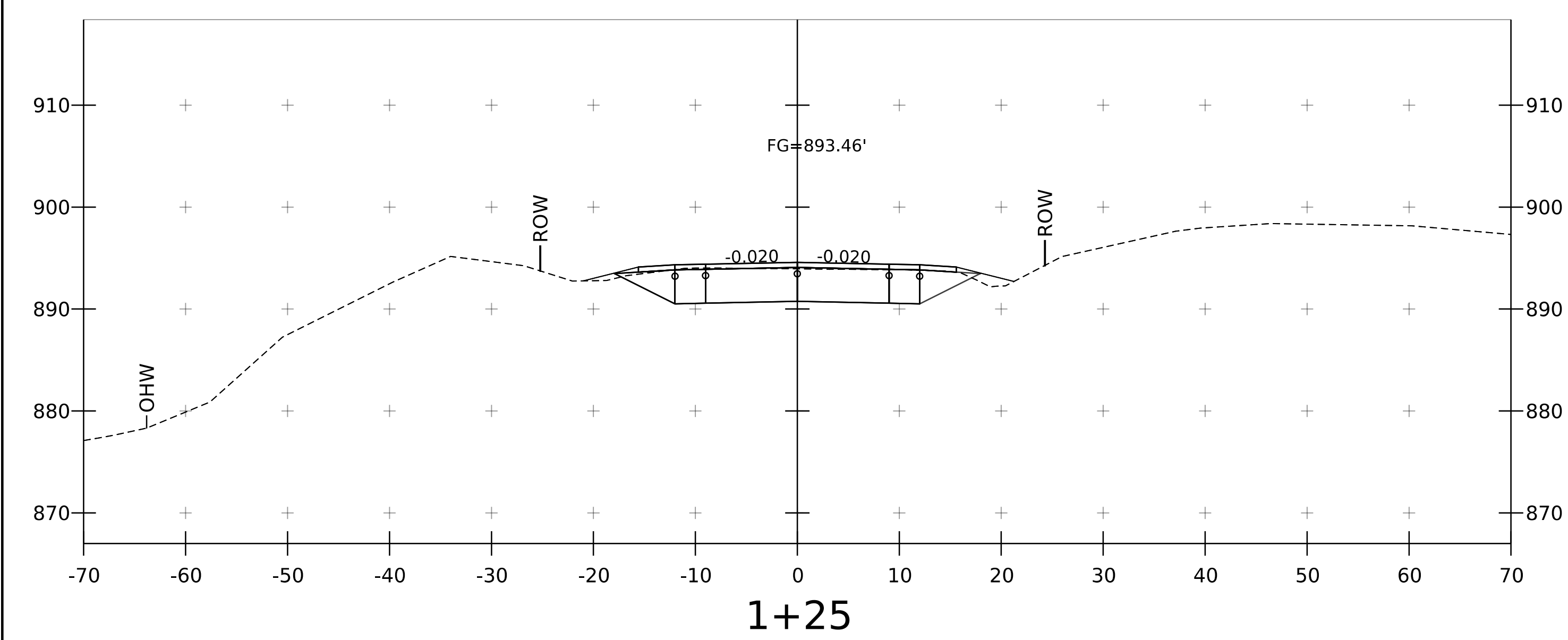
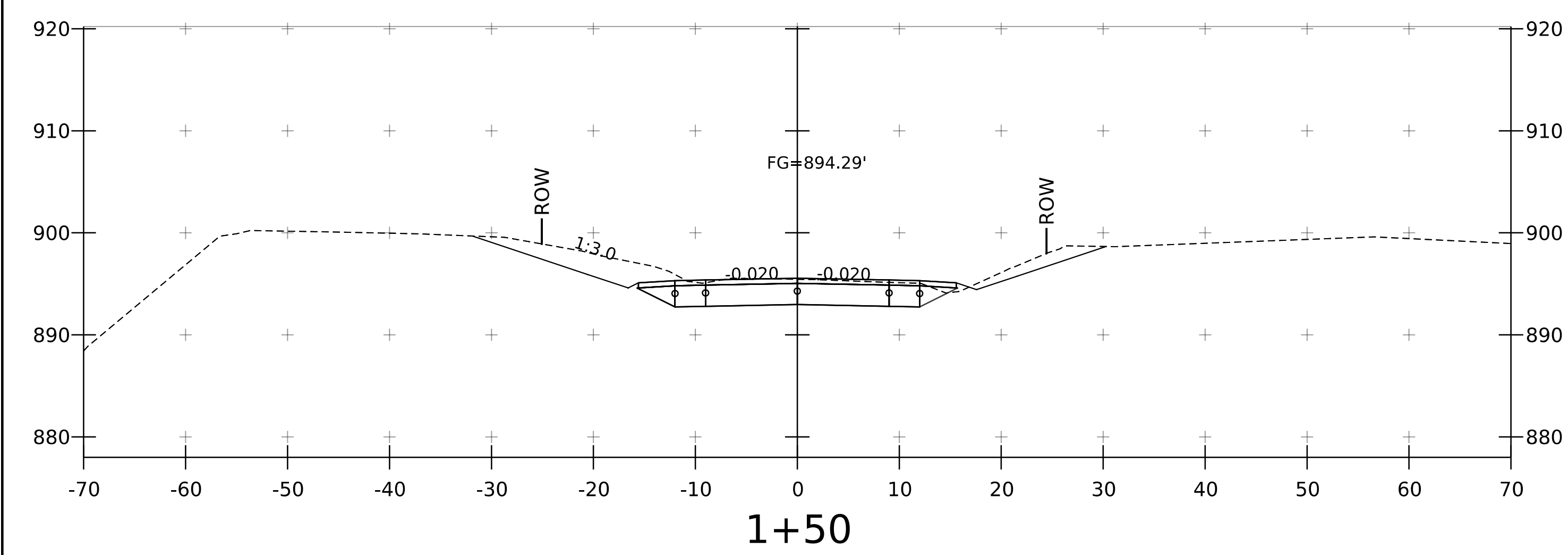
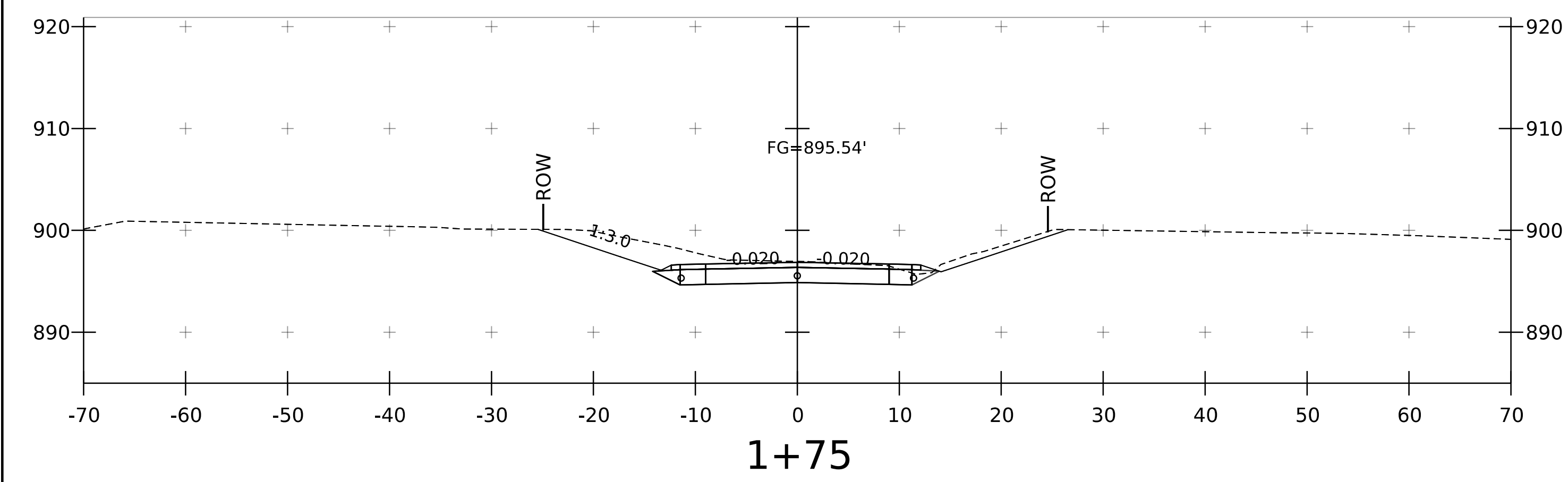
PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410xsTH1.dgn
PROJECT LEADER:	JB McCarthy
DESIGNED BY:	K. Bathalon
TH 1 CROSS SECTION 3	
PLOT DATE:	3/13/26
DRAWN BY:	K. Bathalon
CHECKED BY:	S. Coley
SHEET	16 OF 23



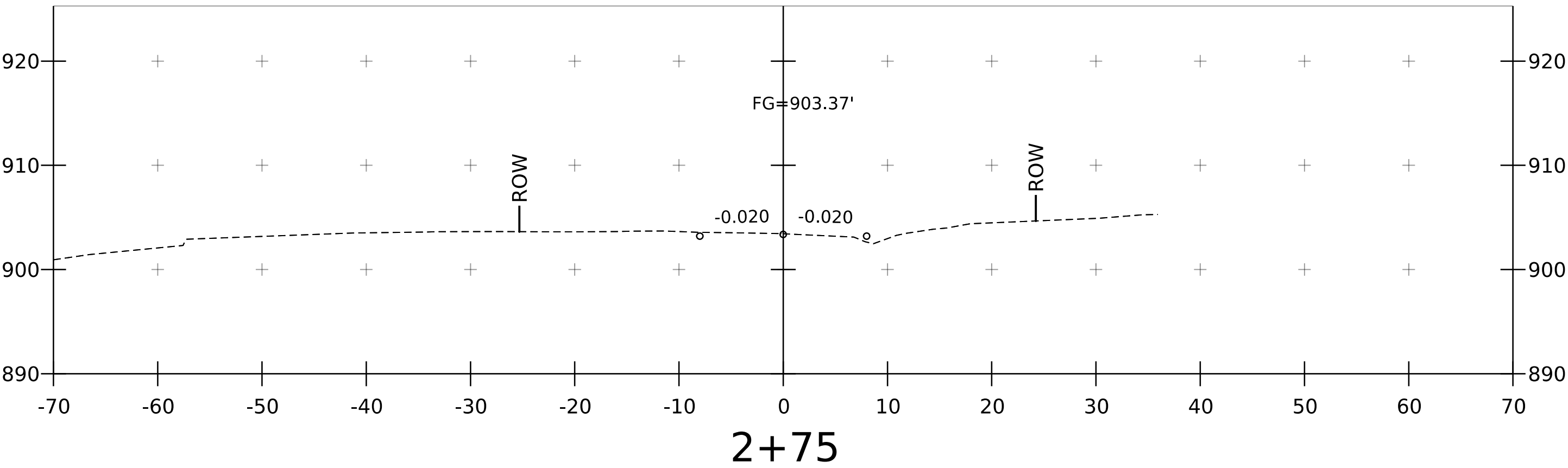
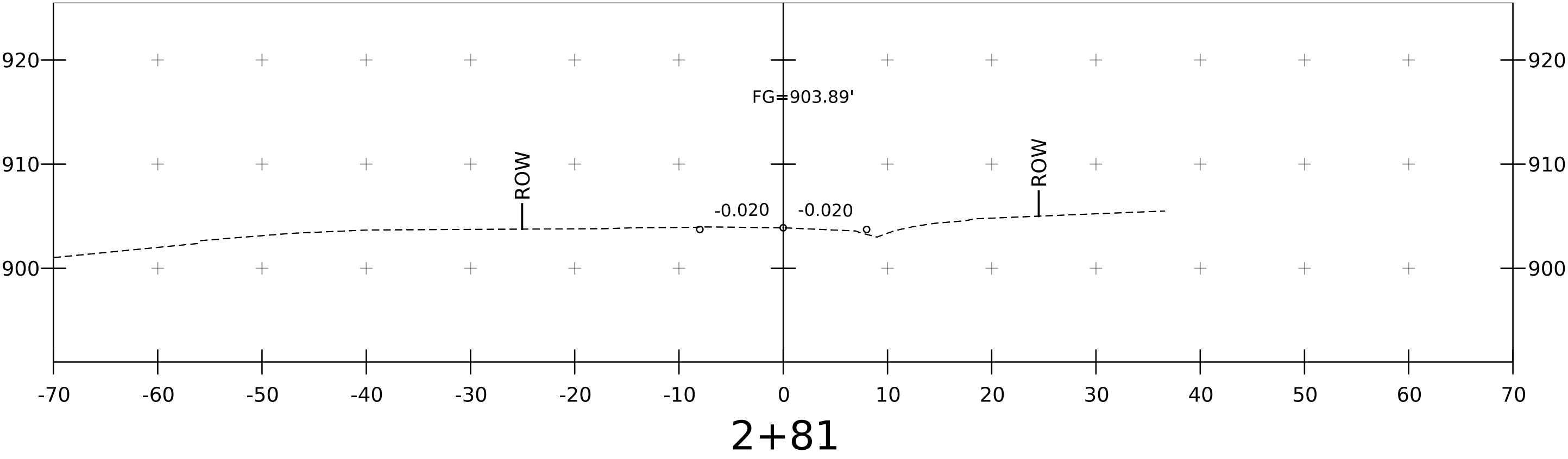
PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME: s22j410xsTH1.dgn	PLOT DATE: 3/13/26
PROJECT LEADER: JB McCarthy	DRAWN BY: K. Bathalon
DESIGNED BY: K. Bathalon	CHECKED BY: S. Coley
TH 1 CROSS SECTION 4	SHEET 17 OF 23



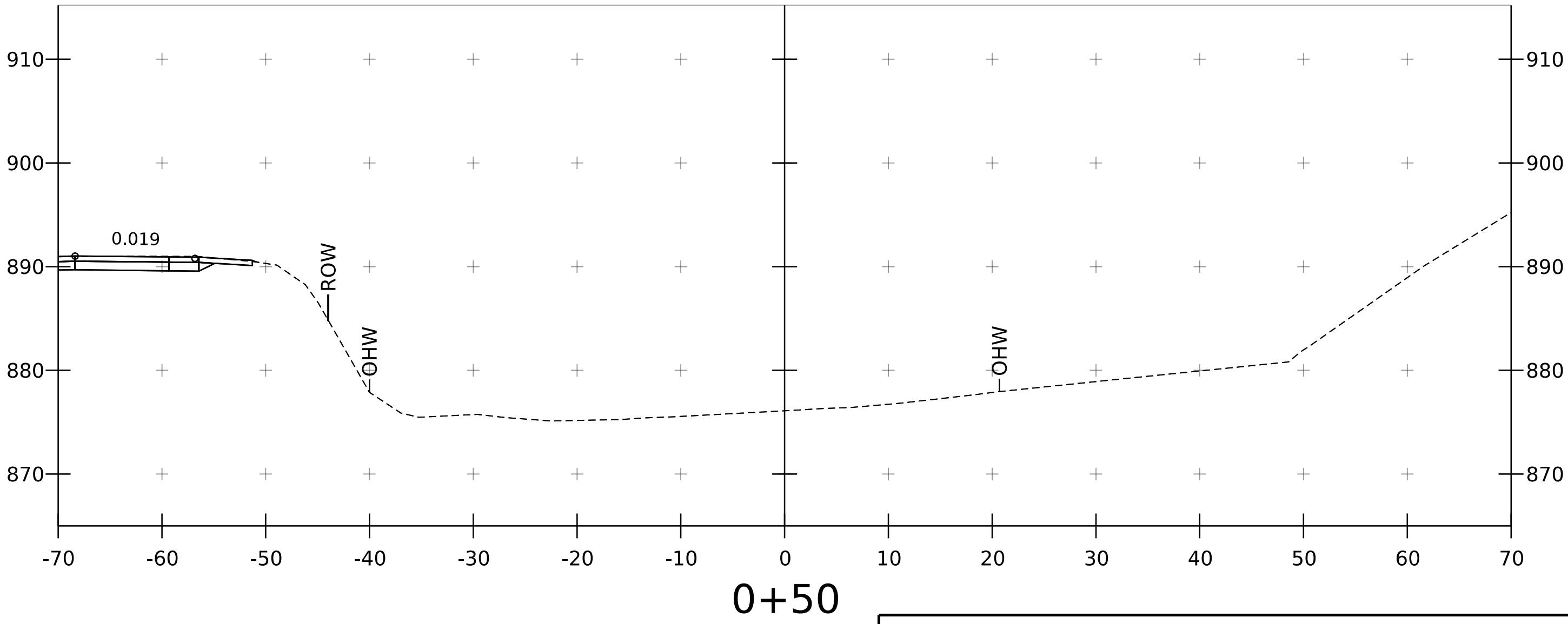
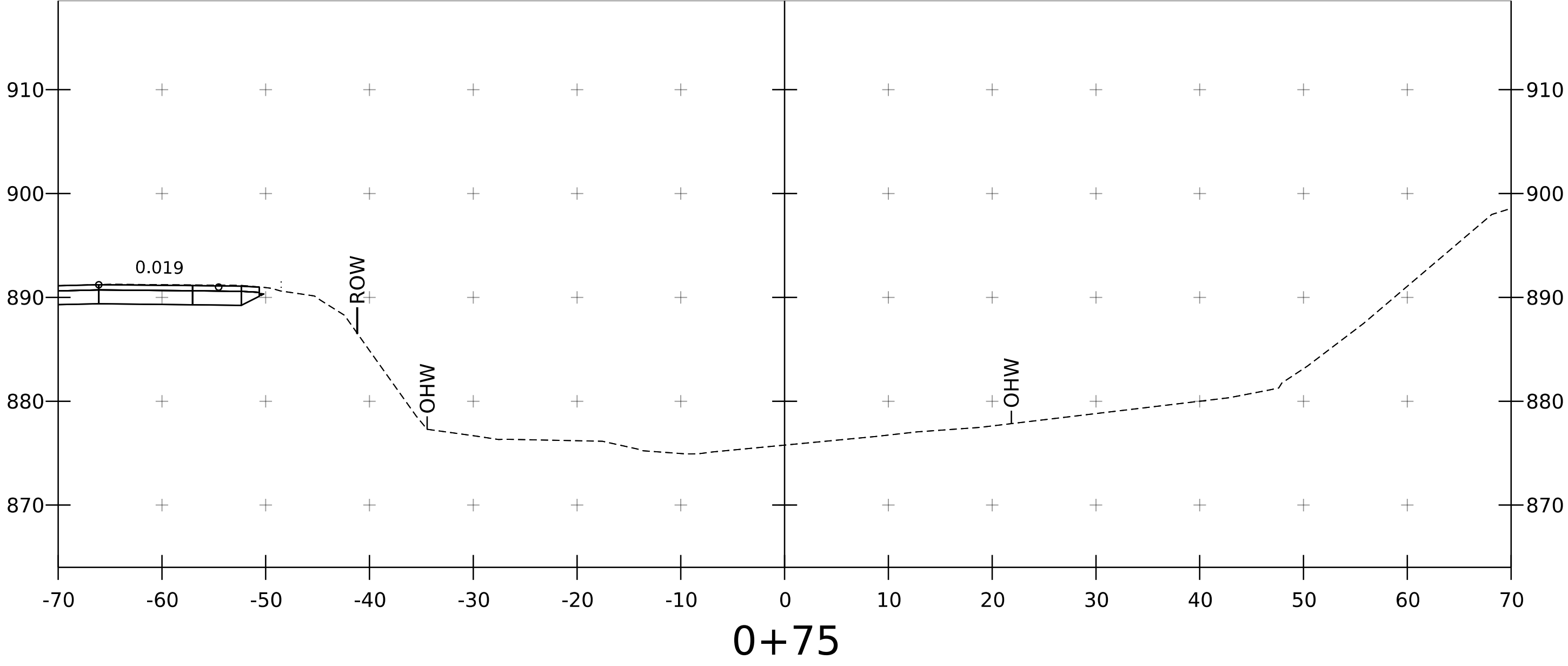
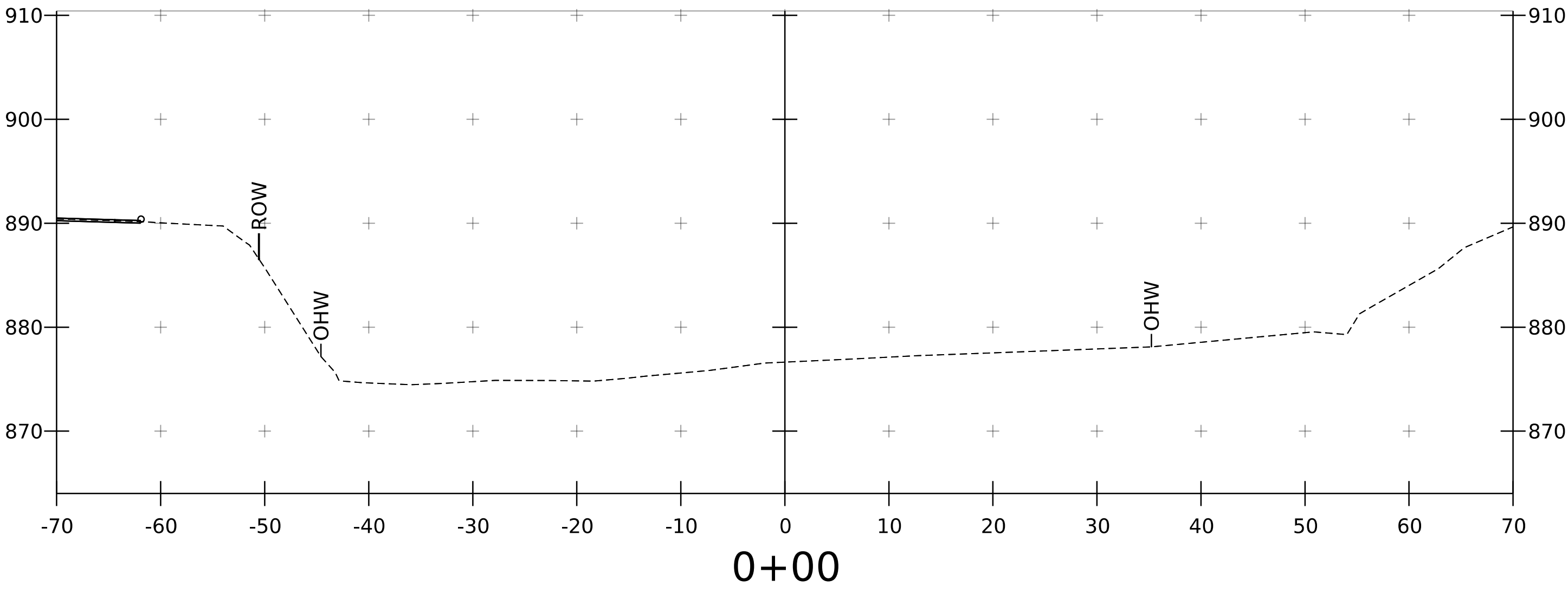
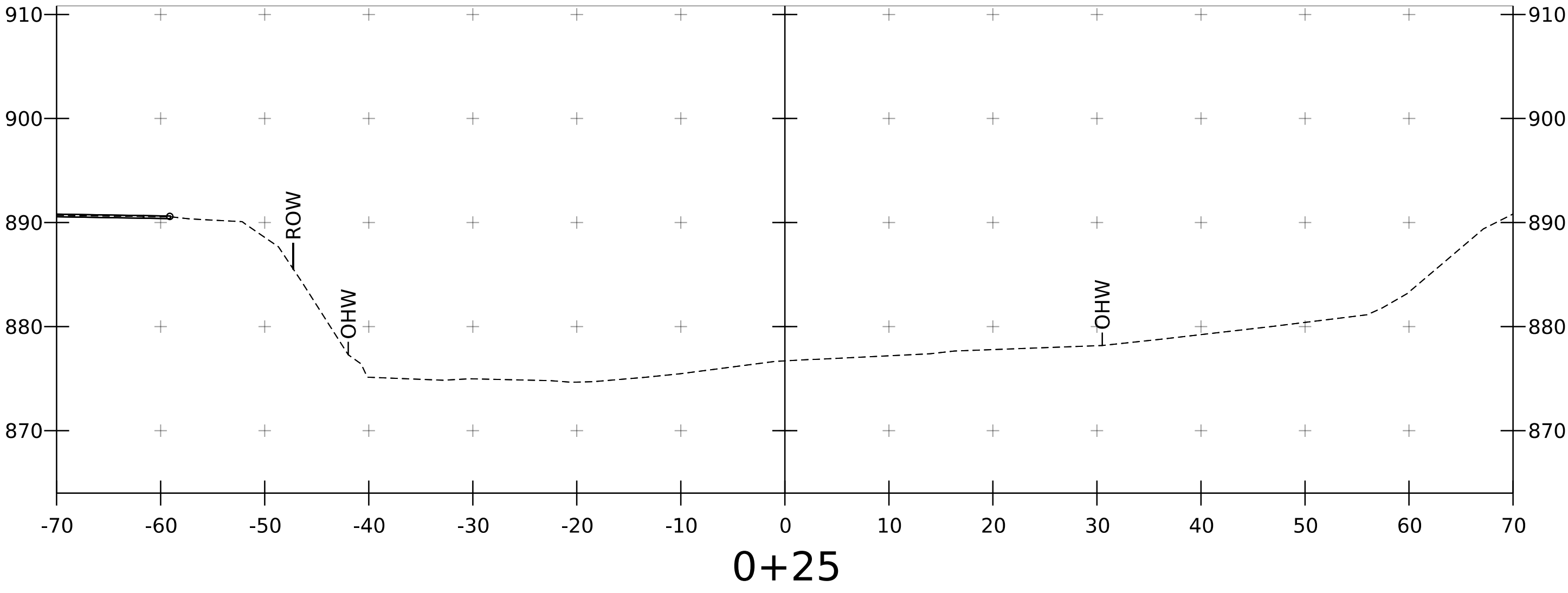
PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410xsTH6.dgn
PROJECT LEADER:	JB McCarthy
DESIGNED BY:	K. Bathalon
TH 6 CROSS SECTION 1	
PLOT DATE:	3/13/26
DRAWN BY:	K. Bathalon
CHECKED BY:	S. Coley
SHEET	18 OF 23



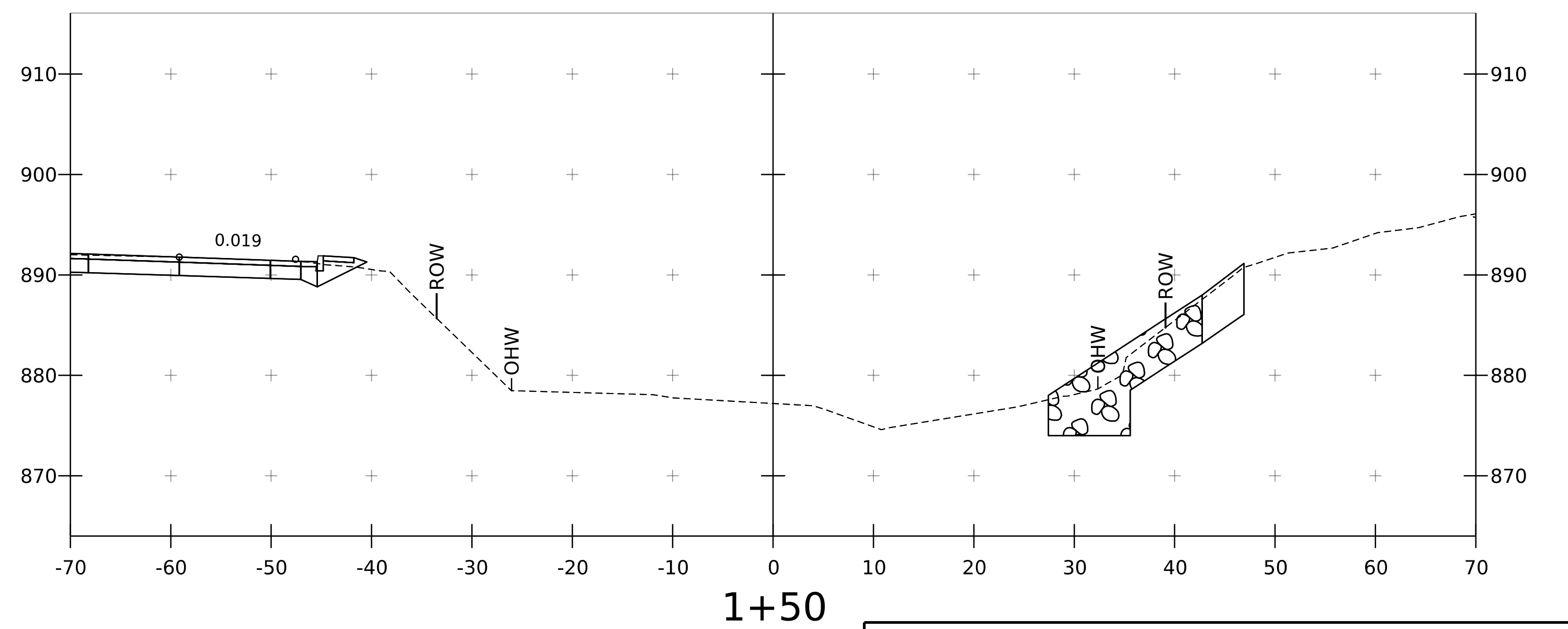
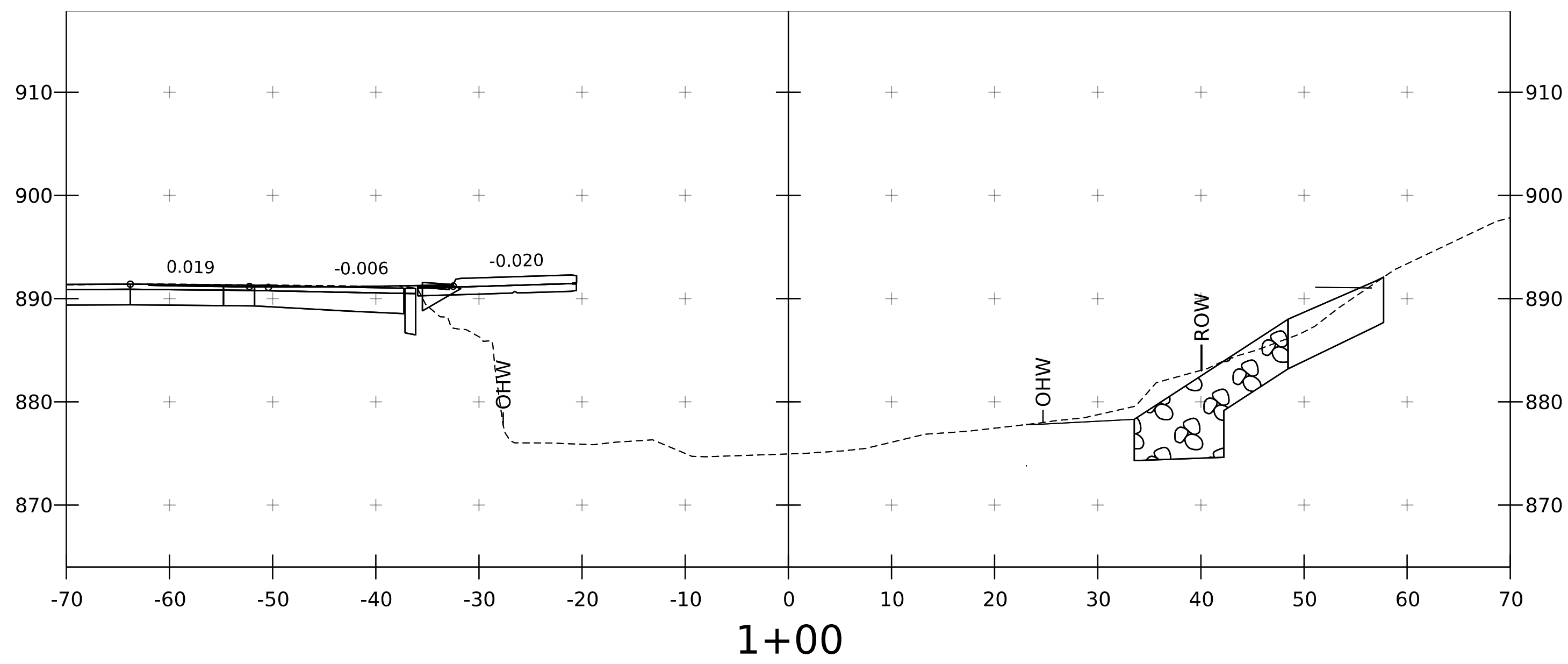
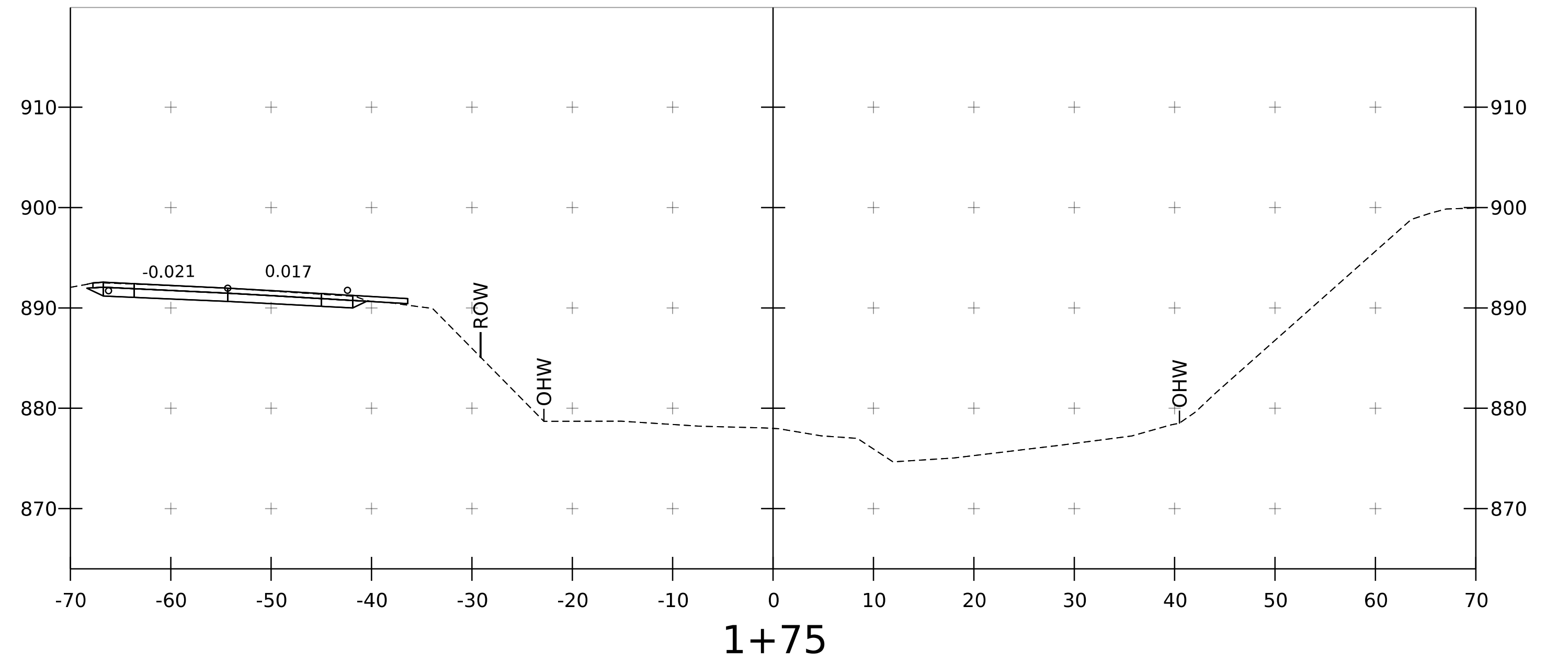
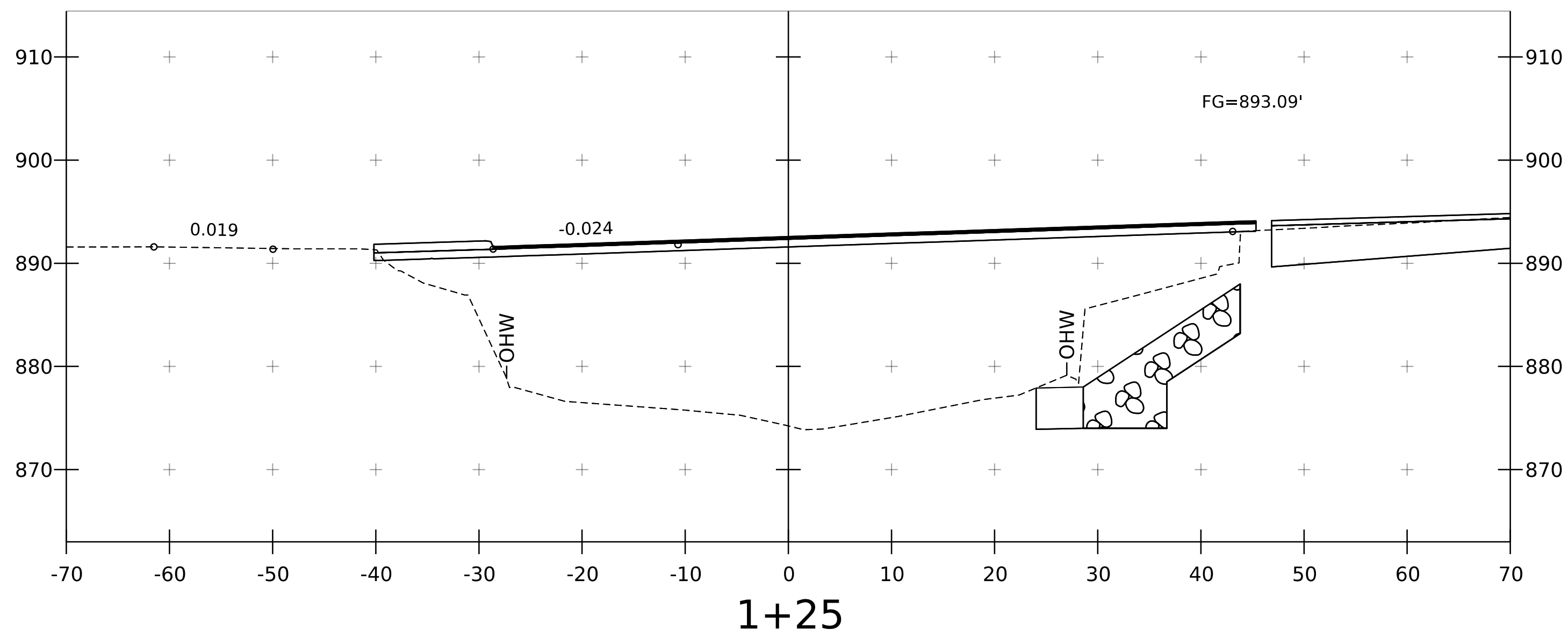
PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410xsTH6.dgn
PROJECT LEADER:	JB McCarthy
DESIGNED BY:	K. Bathalon
TH 6 CROSS SECTION 2	
PLOT DATE:	3/13/26
DRAWN BY:	K. Bathalon
CHECKED BY:	S. Coley
SHEET	19 OF 23



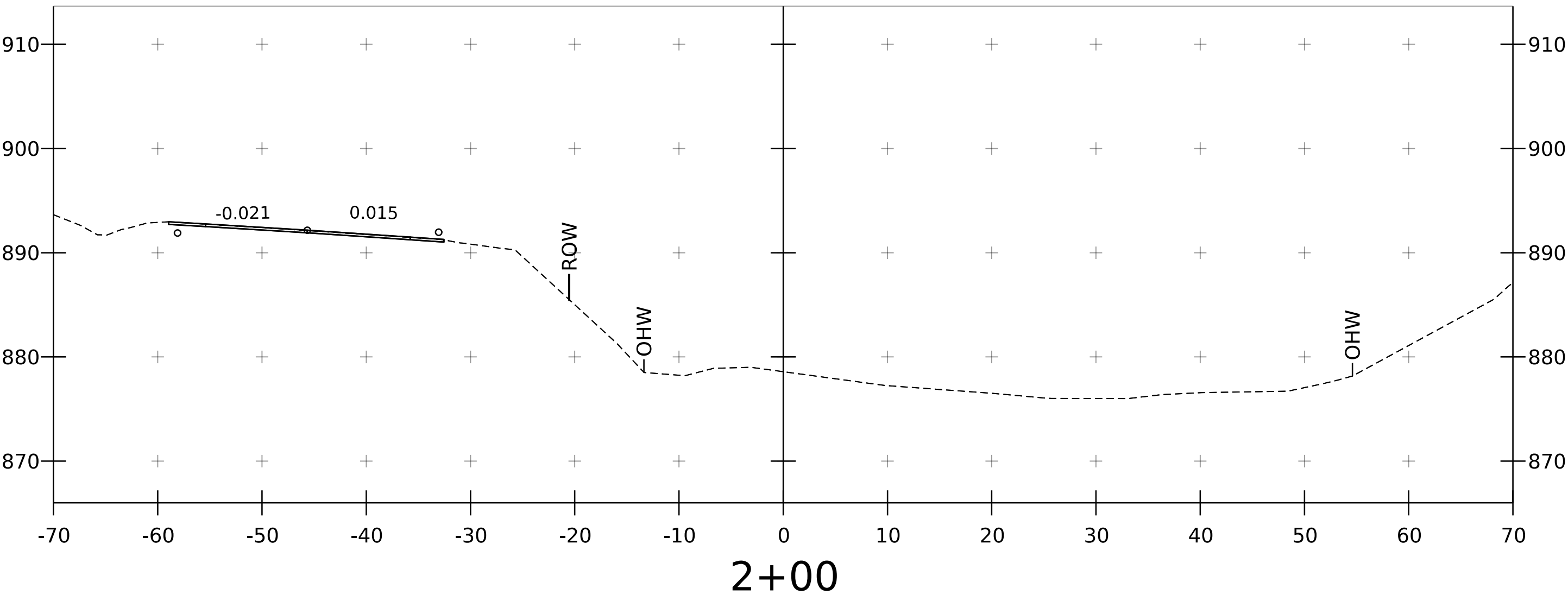
PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME: s22j410xsTH6.dgn	PLOT DATE: 3/13/26
PROJECT LEADER: JB McCarthy	DRAWN BY: K. Bathalon
DESIGNED BY: K. Bathalon	CHECKED BY: S. Coley
TH 6 CROSS SECTION 3	SHEET 20 OF 23



PROJECT NAME:	Lincoln
PROJECT NUMBER:	BO TRUS(7)
FILE NAME:	s22j410xsChannel.dgn
PROJECT LEADER:	JB McCarthy
DESIGNED BY:	K. Bathalon
CHANNEL CROSS SECTION 1	
PLOT DATE:	3/13/26
DRAWN BY:	K. Bathalon
CHECKED BY:	S. Coley
SHEET	21 OF 23



PROJECT NAME: Lincoln	
PROJECT NUMBER: BO TRUS(7)	
FILE NAME: s22j410xsChannel.dgn	PLOT DATE: 3/13/26
PROJECT LEADER: JB McCarthy	DRAWN BY: K. Bathalon
DESIGNED BY: K. Bathalon	CHECKED BY: S. Coley
CHANNEL CROSS SECTION 2	SHEET 22 OF 23



PROJECT NAME:	Lincoln	PLOT DATE:	3/13/26
PROJECT NUMBER:	BO TRUS(7)	DRAWN BY:	K. Bathalon
FILE NAME:	s22j410xsChannel.dgn	CHECKED BY:	S. Coley
PROJECT LEADER:	JB McCarthy	SHEET	23 OF 23
DESIGNED BY:	K. Bathalon		
CHANNEL CROSS SECTION	3		