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C Sheets	Points of Access
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* L.2	Swiss Valley Road with North Cascade Road
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Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM DUBUQUE COUNTY

PAVEMENT - GRADE AND NEW US 20 SWISS VALLEY INTERCHANGE - FULL BUILD - DUBUQUE FROM 0.2 MILES EAST OF COTTINGHAM ROAD TO 1.5 MILES EAST OF SWISS VALLEY ROAD

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



For Project Location Map
Refer to Sheet A.2

DESIGN DATA URBAN			
2020 AADT	15200	V.P.D.	
2040 AADT	33900	V.P.D.	
2040 DHV	3675	V.P.H.	
TRUCKS	9	%	
Total			
Design ESALs	N/A		

INDEX OF SEALS		
SHEET NO.	NAME	TYPE
A.1	X	Primary Signature Block
X	X	X

PRELIMINARY PLANS

Subject to change by final design.

D5 PLAN SUBMITTAL
Date: April 12, 2017

REVISIONS	TOTAL
PROJECT IDENTIFICATION NUMBER	
90-31-020-060	
PROJECT NUMBER	
NHS-020-9(121)--19-31	
R.O.W. PROJECT NUMBER	
NHSX-020-9(144)--2R-31	

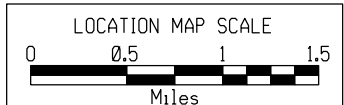
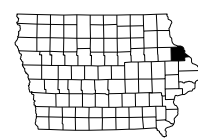
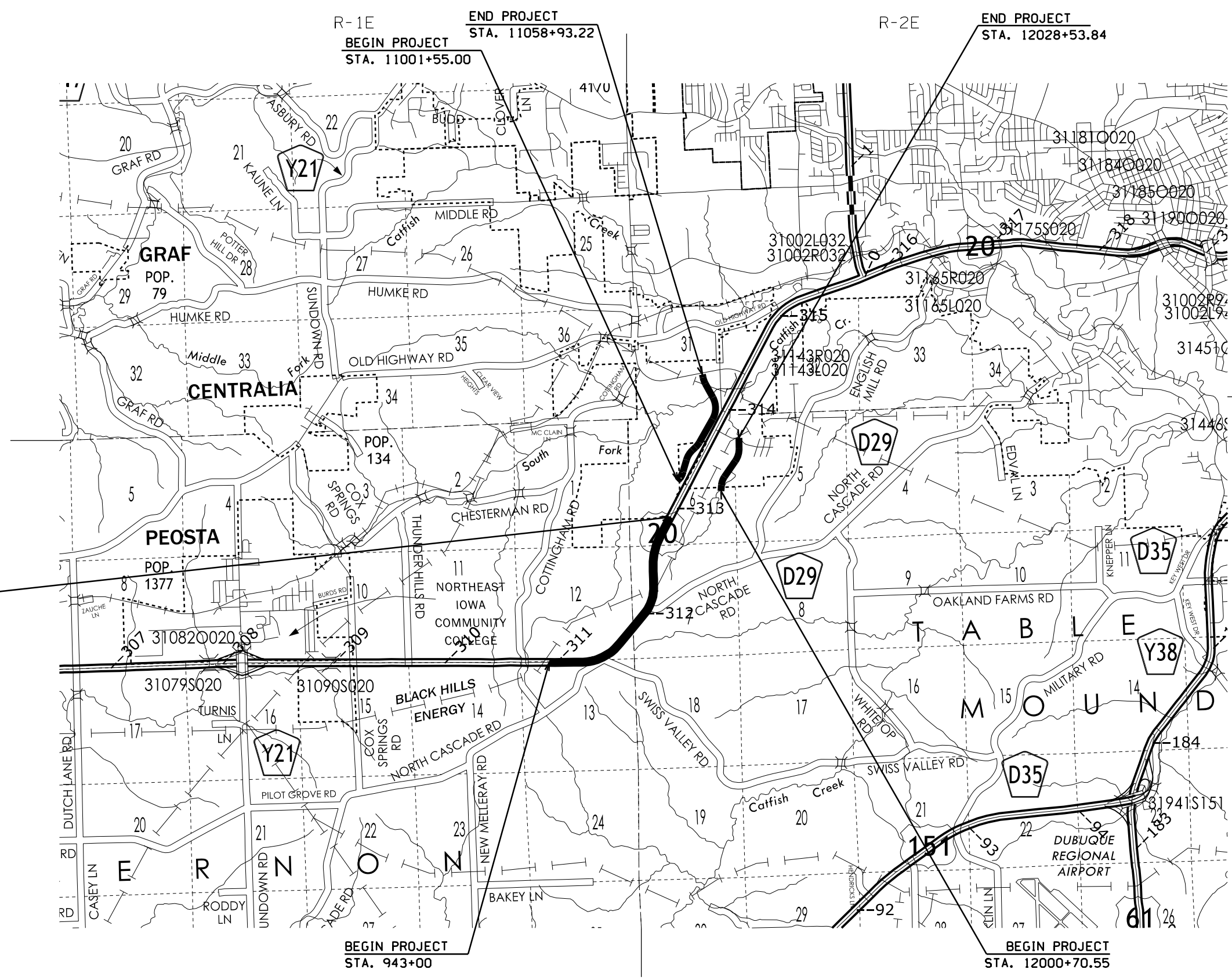


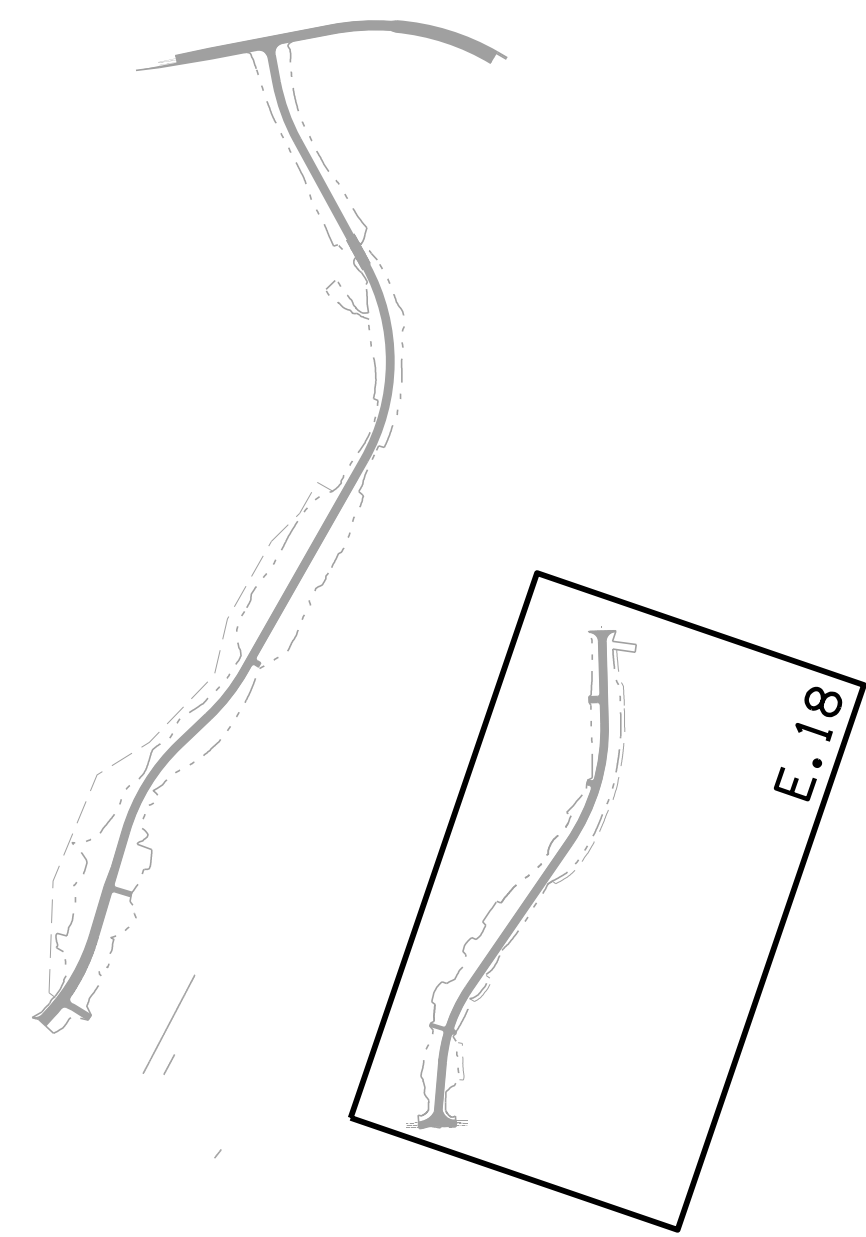
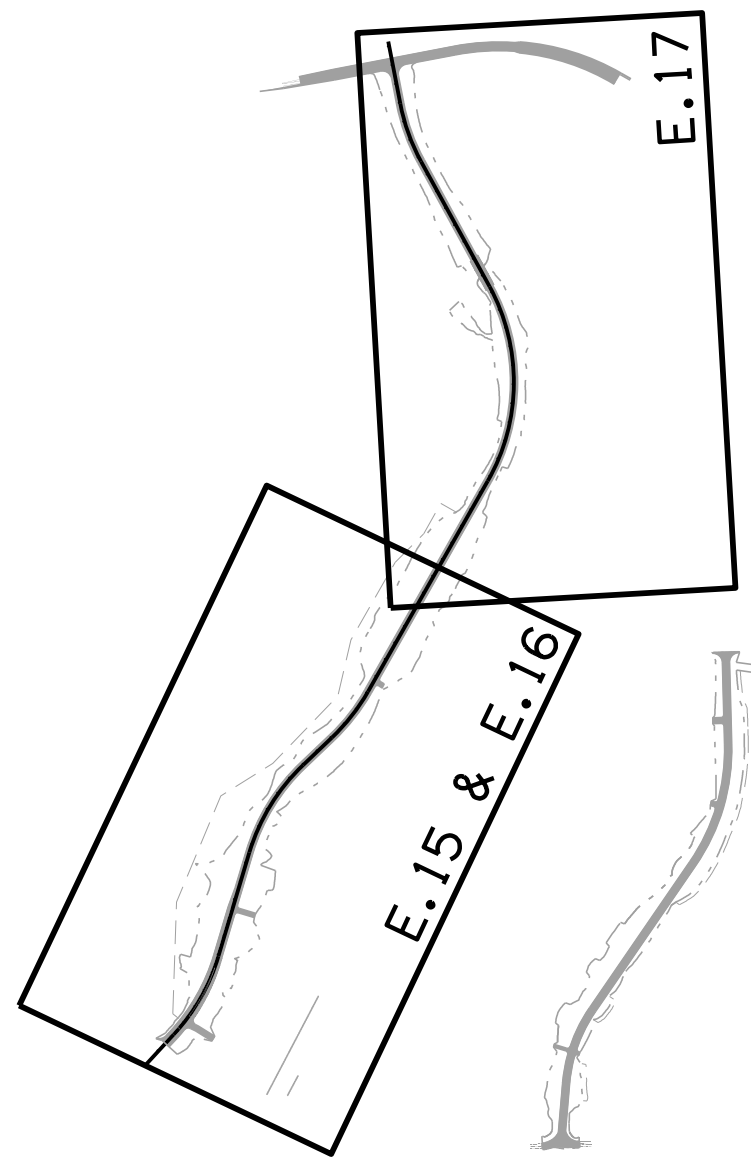
T-89N

T-88N

T-89T

T-88T

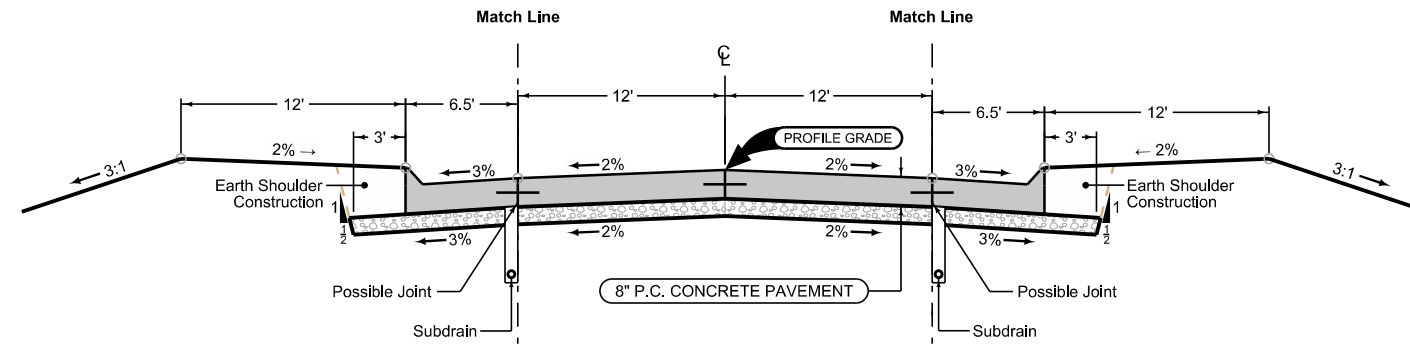




LANDFILL ROAD

CHESTERFIELD ROAD

Project Key Maps

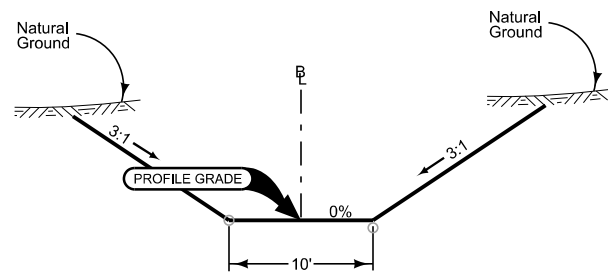


Mainline Jointing:
 Transverse joints: CD at 20' spacing
 Longitudinal joint: L-2

		2P_MOD 02-14-14	
ROAD IDENTIFICATION	STATION TO STATION	(WL) Feet	(WR) Feet
LANDFILL ROAD	* *		

See Tab 100-24 or 100-25 for pavement quantities.
 See Tab 112-9 for shoulder quantities.

LANDFILL ROAD



ROAD IDENTIFICATION	BEGIN STATION	END STATION
SPECIAL DITCH	0+00.00	2+75.00

SPECIAL DITCHES

SURVEY SYMBOLS

○ LUM Luminaire	— UV Underground Utility Vault
□ SIGN SI Sign	- - E1 - - ELA Underground Electric Line Co. 1
■ ROW Right of Way Rail	- - E2 - - ELB Underground Electric Line Co. 2
⚡ PPA Power Pole Co. 1	- - E3 - - ELC Underground Electric Line Co. 3
⚡ PRA Power Riser Co. 1	- - W - - WLA Underground Water Line Co. 1
✱ TEV Evergreen Tree	- - T1 - - TLA Underground Telephone Line Co. 1
🌳 SHR Shrub	- - T2 - - TLB Underground Telephone Line Co. 2
🌳 TDC Tree Deciduous	- - T3 - - TLC Underground Telephone Line Co. 3
🌿 SWAMP	- - G - - GLA Underground Gas Line Co. 1
Ⓛ LP L.P. Tank	- - F0 - - FOA Underground Fiber Optic Co. 1
○ OUT Tile Outlet	- - F02 - - FOB Underground Fiber Optic Co. 2
✱ TSG Traffic Signal	- - S1.S - - STA Storm Sewer Co. 1
☒ IN Storm Sewer Intake	- - S1.S.2 - - STB Storm Sewer Co. 2
⊙ INB Storm Sewer Intake Beehive	
⊙ MH Utility Access (Manhole)	
BB BB Billboard	
○ MIS Miscellaneous	
○ FLG FLG Flagpole	
○ MM MM Mile Marker Post	
□ SIGN SL Speed Limit Sign	
○ TP TPD Telephone Pedestal	
□ TCB TCB Utilities	
□ EB EB Electrical Box	
○ WV WV Water Valve	
🔥 FHYD Fire Hydrant	
□ UB UB Utility Box	
○ TVP TVP TV Pedestal	
TLN Tree Line	
TIL Tile Line	
FCL Chain Link and Security Fence	
FW Wire Fence	
FWD Wood Fence	
DU Centerline Draw or Stream (Up)	
D Centerline Draw or Stream (Down)	
DIK Centerline of Dike or Dam	
EW Edge of Water	
BNK Stream Bank	
GDL Guard Rail Steel	
RIP Rip-Rap	
RR Centerline of Railroad Tracks	

UTILITY LEGEND

GENERAL LOCATES: IOWA ONE CALL	800-292-8989
ELECTRICAL: MAQUOKETA VALLEY ELECTIC COOPERATIVE P.O. BOX 370 ANAMOSA, IOWA 52205 ATTN: JAMES LAUZON	OFFICE 319-462-3541 jlauzon@vec.com
☉ CENTRAL IOWA POWER COOPERATIVE (CIPCO) 1400 HWY. 13 SE CEDAR RAPIDS, IOWA 52403 ATTN:	OFFICE 319-366-8011 FAX 319-366-8626
FIBER OPTICS: VERIZON BUSINESS (f.k.a. MCI) 2400 NORTH GLENNVILLE DRIVE RICHARDSON, TX ATTN: DEAN BOYERS	OFFICE 927-729-6322 dean.boyers@verizon
- F0-2 - IOWA COMMUNICATIONS NETWORK 400 EAST 1ST STREET DES MOINES, IOWA 50319 ATTN: LARRY KLAWITTER	OFFICE 515-725-4741 larry.klawitter@iowa.gov
- F0-3 - QWEST COMMUNICATIONS 1600 JOHN F. KENNEDY ROAD DUBUQUE, IOWA 52002 ATTN: CHRIS LOTSPEICH	OFFICE 563-588-6831
GAS: AQUILLA, INC. 1015 CEDAR CROSS ROAD DUBUQUE, IOWA 52003 ATTN: LAURA ROUSSELL	OFFICE 563-583-0415 FAX 563-583-0850
- G2 - THREE RIVERS FS COMPANY (PROPANE) 14775 NORTH CASCADE ROAD DUBUQUE, IOWA 52003 ATTN: DON ALBRECHT	OFFICE 563-588-1250
GAS (HIGH PRESSURE): NORTHERN NATURAL GAS COMPANY, 5557 COUNTY ROAD D PLATTEVILLE, WISCONSIN 53818 ATTN: MIKE GLEAVES ATTN: LENNY KLAAS	OFFICE CELL 402-530-2852 CELL 402-530-2806
SEWER (SANITARY AND STORM): SANITARY SEWER (PRIVATE) ST. S. STORM SEWER (STATE OF IOWA)	
TELEPHONE: QWEST COMMUNICATIONS 1600 JOHN F. KENNEDY ROAD DUBUQUE, IOWA 52002 ATTN: CHRIS LOTSPEICH	OFFICE 563-588-6831
TELEVISION: MEDIACOM COMMUNICATIONS 207 WEST PEARL STREET DECORAH, IOWA 52101 ATTN: BOB FRAZOR	OFFICE 563-387-6119 bfrazier@mediacomcc.com
WATER: WATER LINE (PRIVATE)	

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design	Color No.	Description
Green	(2)	█	Existing Topographic Features and Labels
Blue	(1)	█	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)	█	Existing Utilities
SHADING		Design Color No.	Description
Yellow	(4)	█	Highlight for Critical Notes or Features
Red	(3)	▨	Delineates Restricted Areas
Lavender	(9)	█	Temporary Pavement Shading
Cyan	(71)	█	Proposed Pavement Milling and Overlay Shading
Gray, Light	(48)	█	Proposed Pavement Shading
Gray, Med	(80)	█	Proposed Granular Shading
Gray, Dark	(112)	█	Proposed Grade and Pave Shading "In conjunction with a paving project"
Brown, Light	(236)	█	Grading Shading
Tan	(8)	█	Proposed Sidewalk Shading
Blue, Light	(230)	█	Proposed Sidewalk Landing Shading
Pink	(11)	█	Proposed Sidewalk Ramp Shading

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design	Color No.	Description
Green	(2)	█	Existing Ground Line Profile
Blue	(1)	█	Proposed Profile and Annotation
Magenta	(5)	█	Existing Utilities
Blue, Light	(230)	█	Proposed Ditch Grades, Left
Black	(0)	█	Proposed Ditch Grades, Median
Rust	(14)	█	Proposed Ditch Grades, Right

Reference Point	
Station	○ Survey Line
▲	Section Corner
- - - - -	Ground Line Intercept
▨	Saw Cut
▨	Guardrail
▨	Trench Drain
●	HighTension Cable Guardrail
~	Sheet Pile
▨	Pavement Removal
▨	Clearing & Grubbing Area

RIGHT-OF-WAY LEGEND	
▲	Proposed Right-of-Way
△	Existing Right of Way
▲△	Existing and Proposed Right-of-Way
▲△	Easement and Existing Right-of-Way
○	Easement (Temporary)
⊙	Easement
C/A	Access Control
→ ←	Property Line

Proposed Borrow Elements	
- - - - -	Aquisition Outline
— — — — —	Conceptual Outline

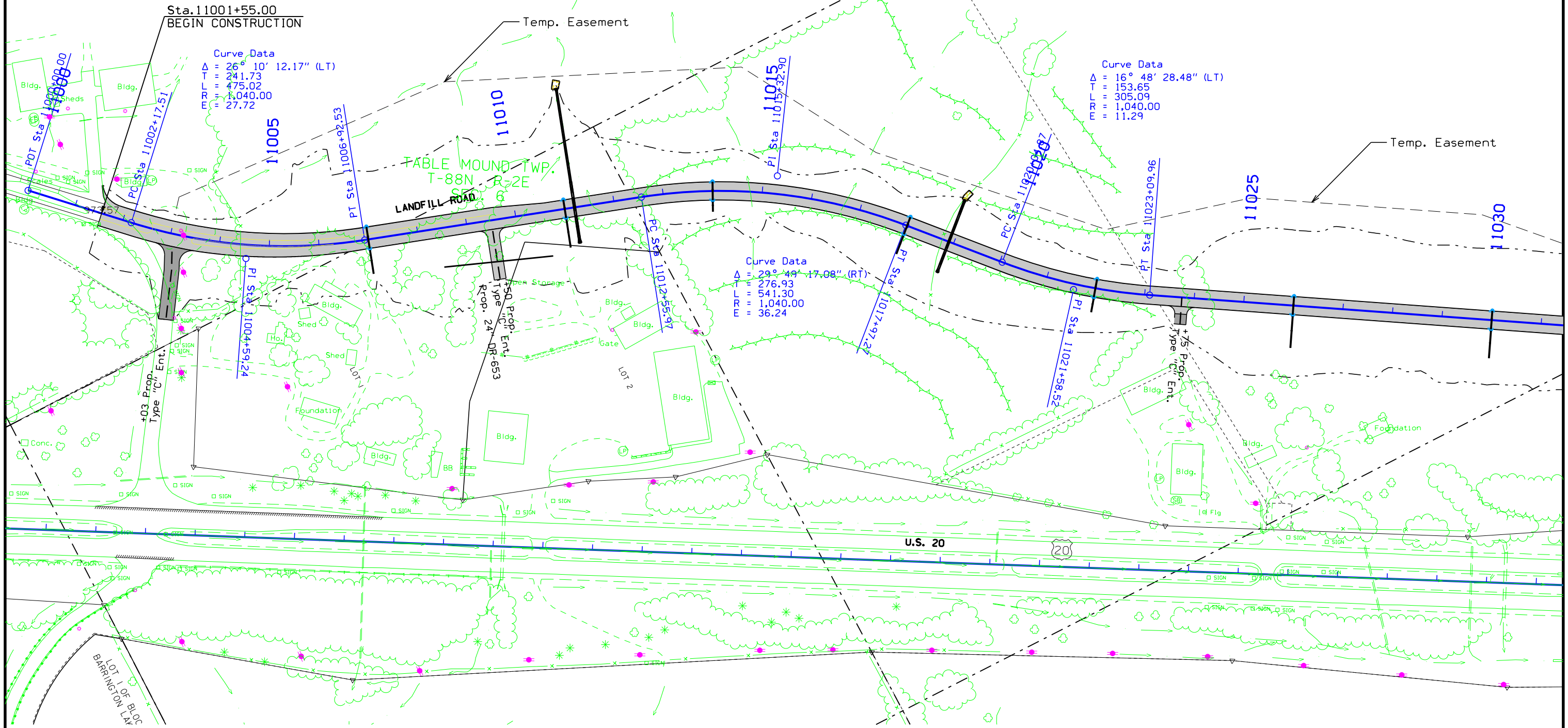
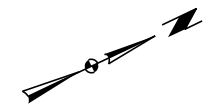
PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES D & E)

Sta. 11011+20
 Install 36" DR-653
 F.L. = Lt. 851.00
 Rt. 907.07
 Other 851.11
 Other 906.39

TABLE MOUND TWP.
 T-88N R-2E
 SEC. 6

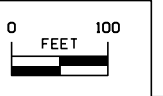
Sta. 11018+90
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 F.L. = Lt. 885.74
 Rt. 893.95



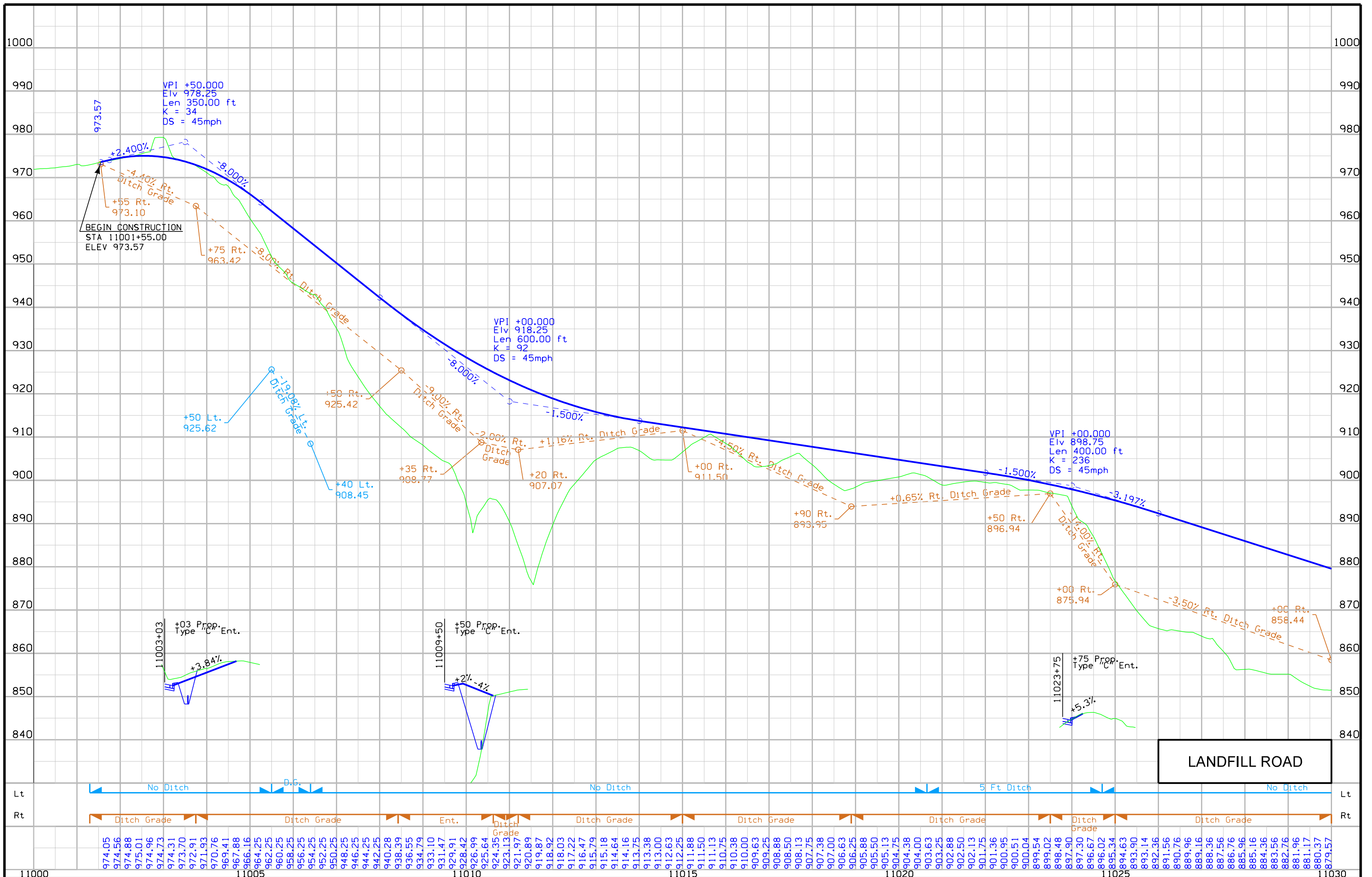
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 T = 241.73
 L = 475.02
 R = 1,040.00
 E = 27.72

Curve Data
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 T = 153.65
 L = 305.09
 R = 1,040.00
 E = 11.29

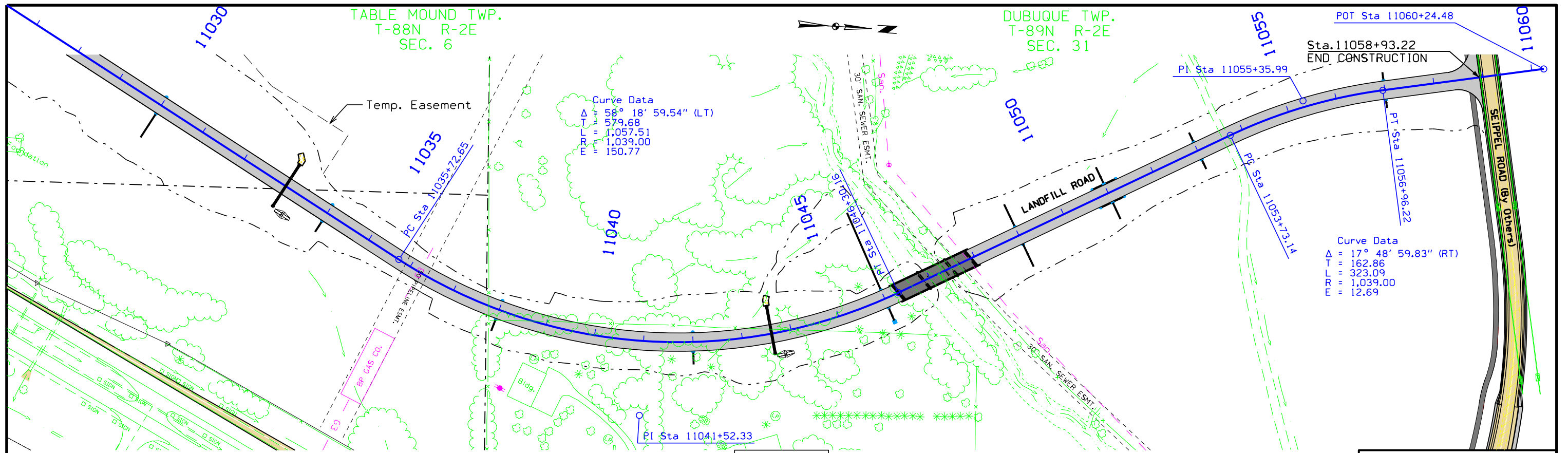
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 T = 276.93
 L = 541.30
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LANDFILL ROAD

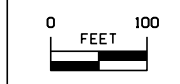


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Rt. 853.70

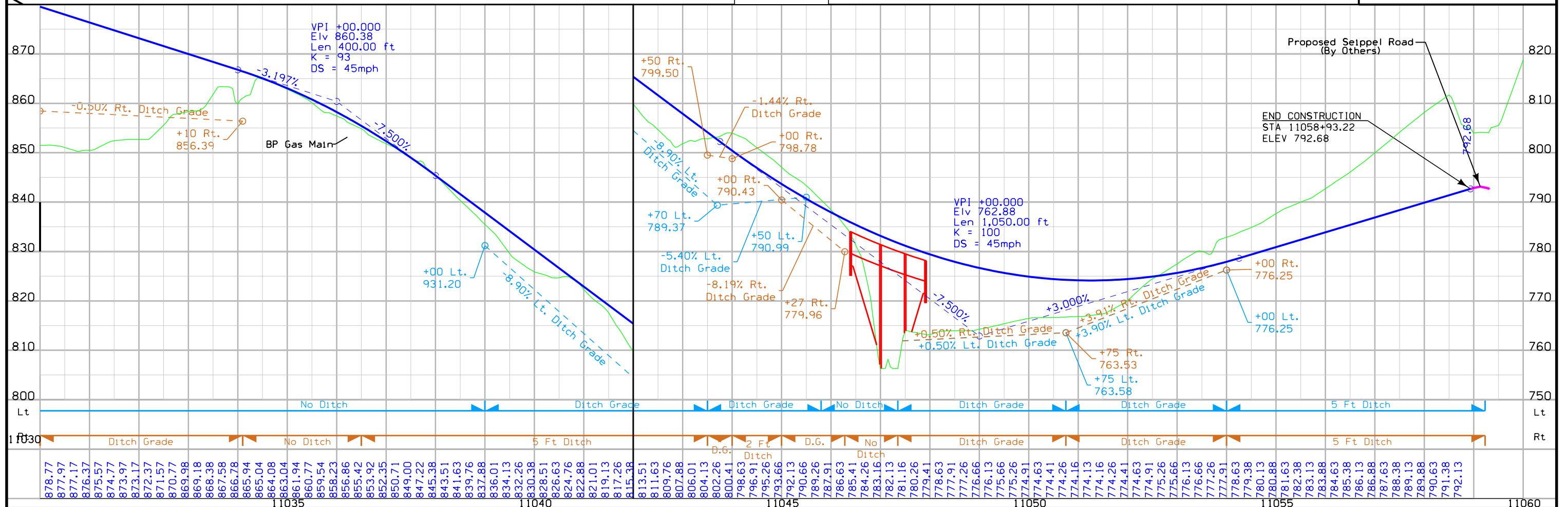
+25 Prop.
Type M Dike
Elev. = 857.00



Sta. 11043+60
Install 30" x 88' DR-601
F.L. = Lt. 790.61
Rt. 796.09

+80 Prop.
Type M Dike
Elev. = 798.50

LANDFILL ROAD



FILE NO.	ENGLISH	DESIGN TEAM	HDR\Iowa DOT	DUBUQUE COUNTY	PROJECT NUMBER	NHS-020-9(121)--19-31	SHEET NUMBER	E.17
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T-88N R-2E
SEC. 6

DUBUQUE TWP.
T-89N R-2E
SEC. 31

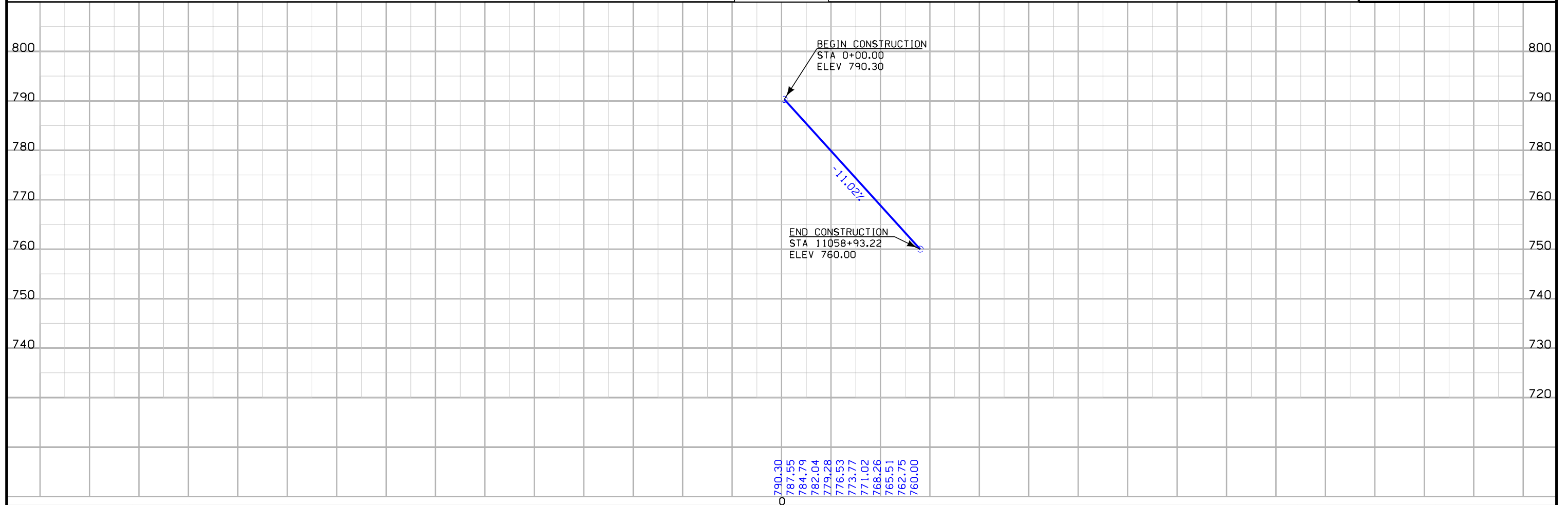
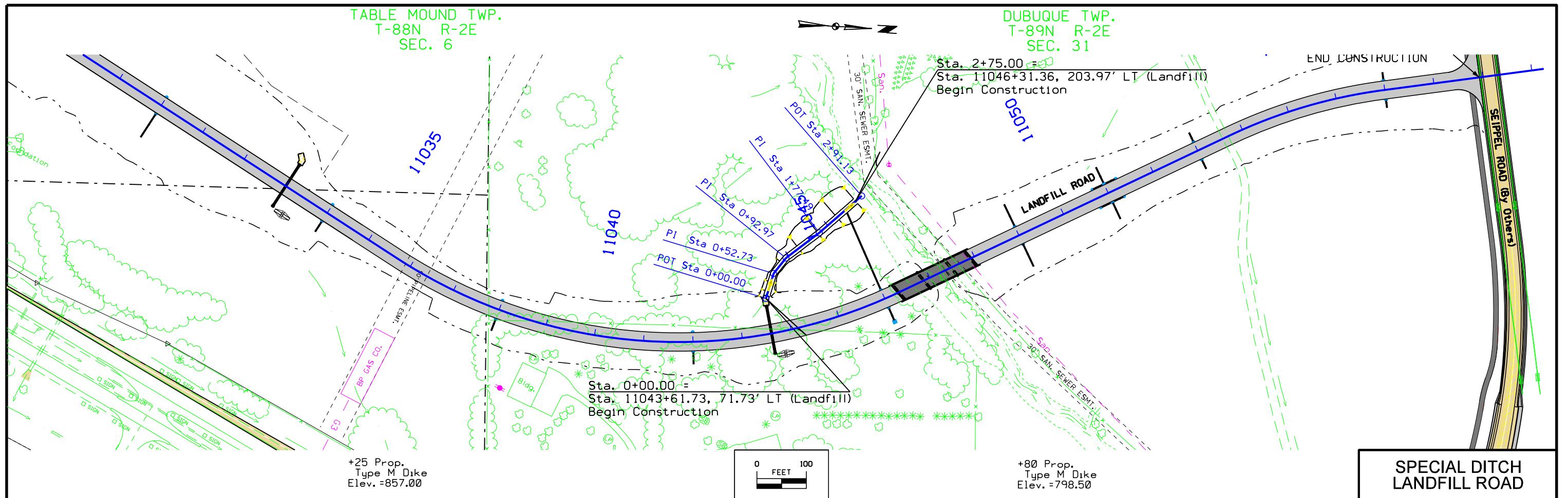
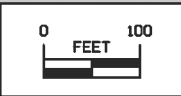
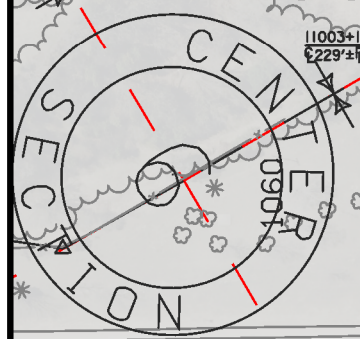
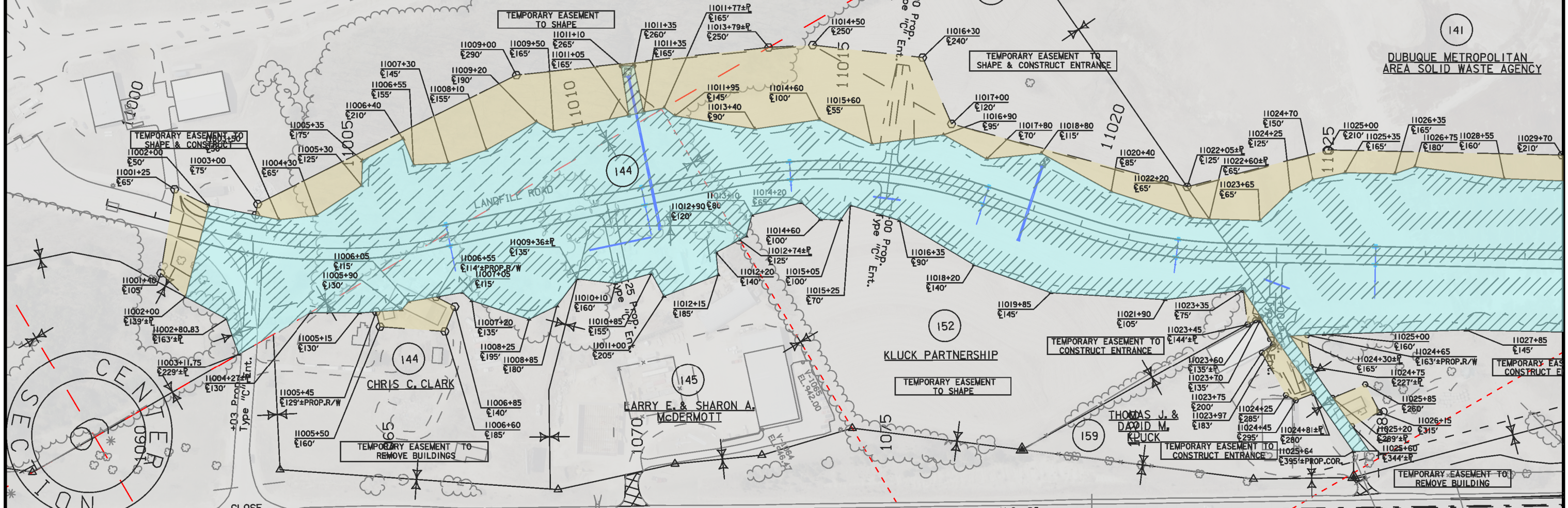


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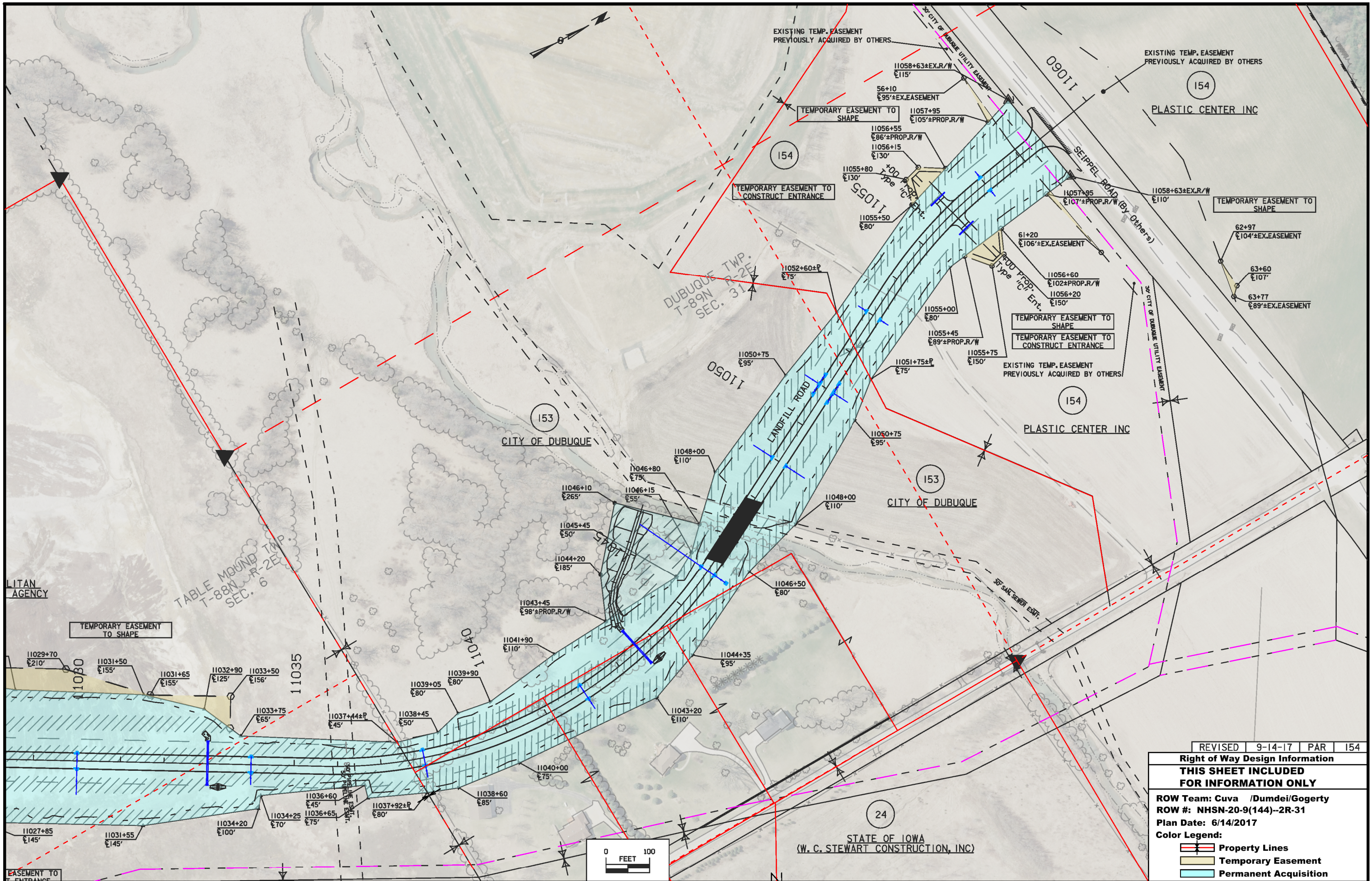


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DUBUQUE METROPOLITAN
AREA SOLID WASTE AGENCY

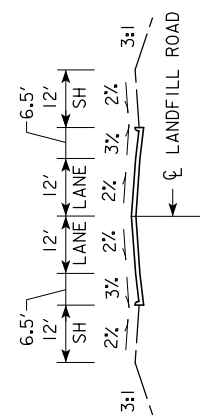
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DUBUQUE METROPOLITAN
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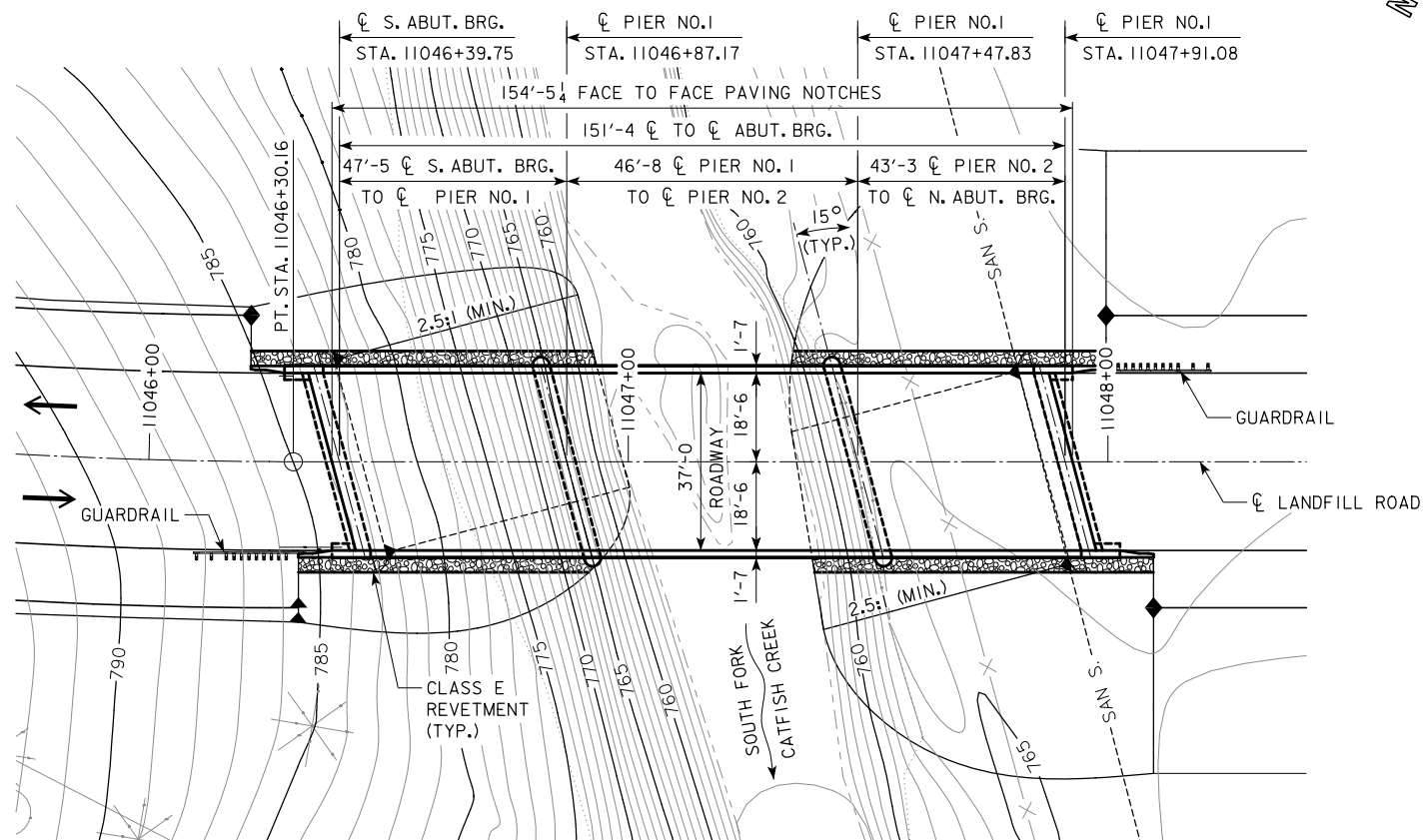
Right of Way Design Information	
THIS SHEET INCLUDED FOR INFORMATION ONLY	
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ROW #: NHSN-20-9(144)--2R-31	
Plan Date: 6/14/2017	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition



REVISED	9-14-17	PAR	154
Right of Way Design Information			
THIS SHEET INCLUDED FOR INFORMATION ONLY			
ROW Team: Cuva /Dumdei/Gogerty			
ROW #: NHSN-20-9(144)--2R-31			
Plan Date: 6/14/2017			
Color Legend:			
	Property Lines		
	Temporary Easement		
	Permanent Acquisition		



TYPICAL APPROACH SECTION



SITUATION PLAN

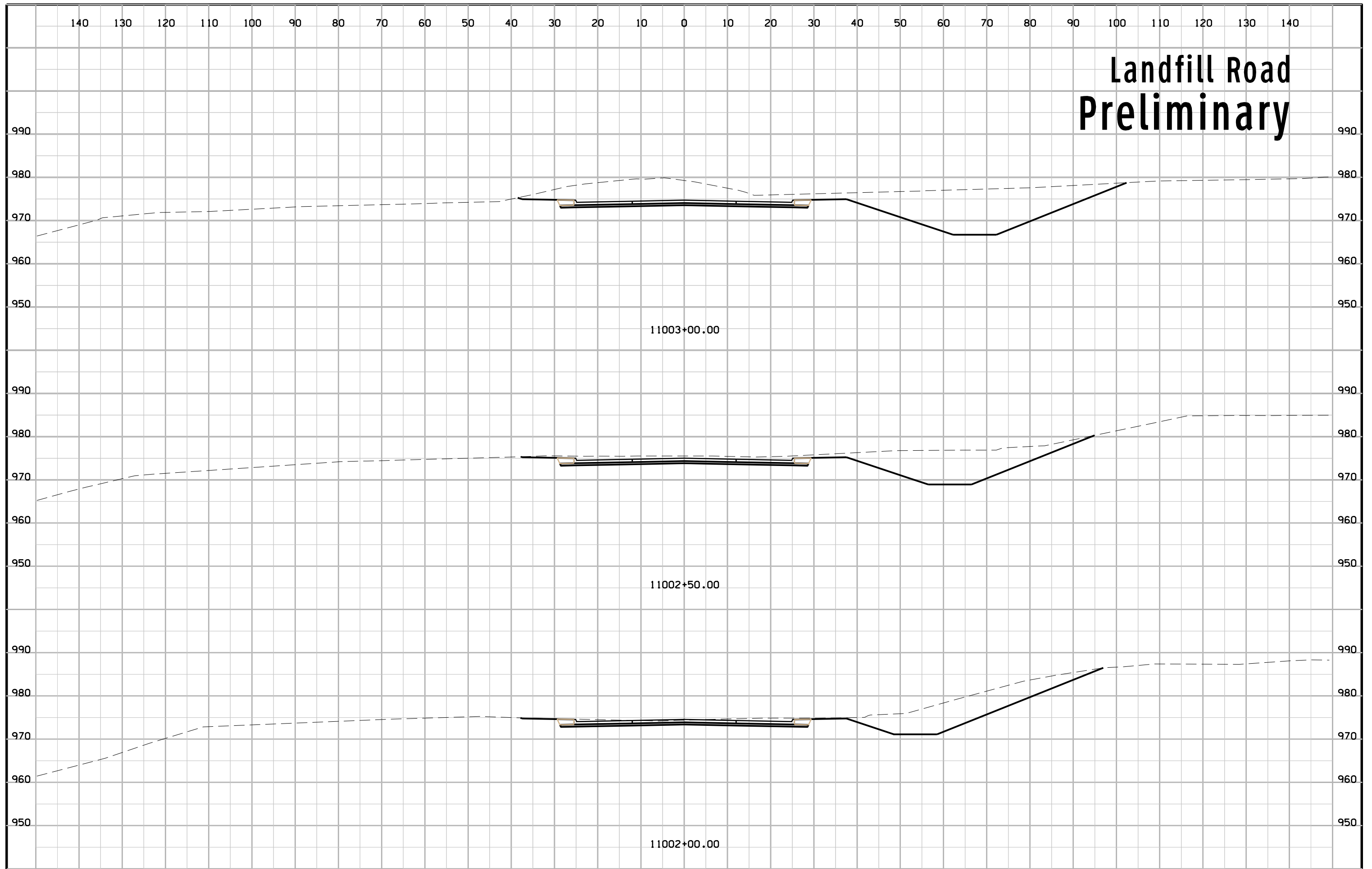
UTILITIES LEGEND:
 ---- SAN S. ---- CITY OF DUBUQUE

NOTE:
 ALL UNITS IN FEET
 UNLESS NOTED OTHERWISE

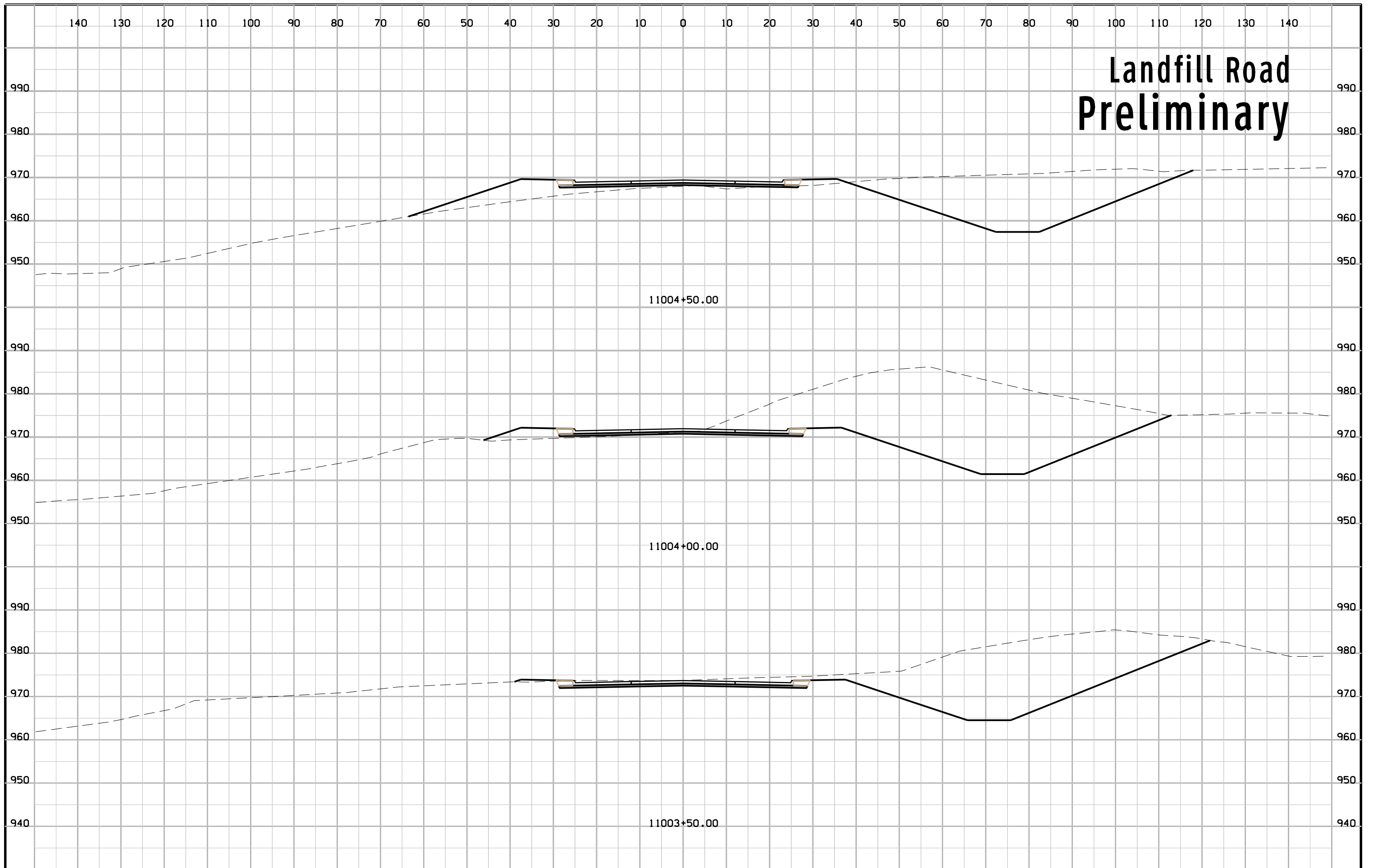


PRELIMINARY
 DESIGN FOR 15° SKEW (R.A.)
**151'-4 x 37'-0 PRETENSIONED PRECAST
 CONCRETE BEAM BRIDGE**
 47'-5, 43'-3 END SPANS ("B" BEAM TYPE) 60'-8 INTERIOR SPAN
FIELD EXAM BRIDGE SKETCH
 STATION 11047+15.42 JANUARY 2017
DUBUQUE COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. ____ OF ____ FILE NO. ____ DESIGN NO. ____

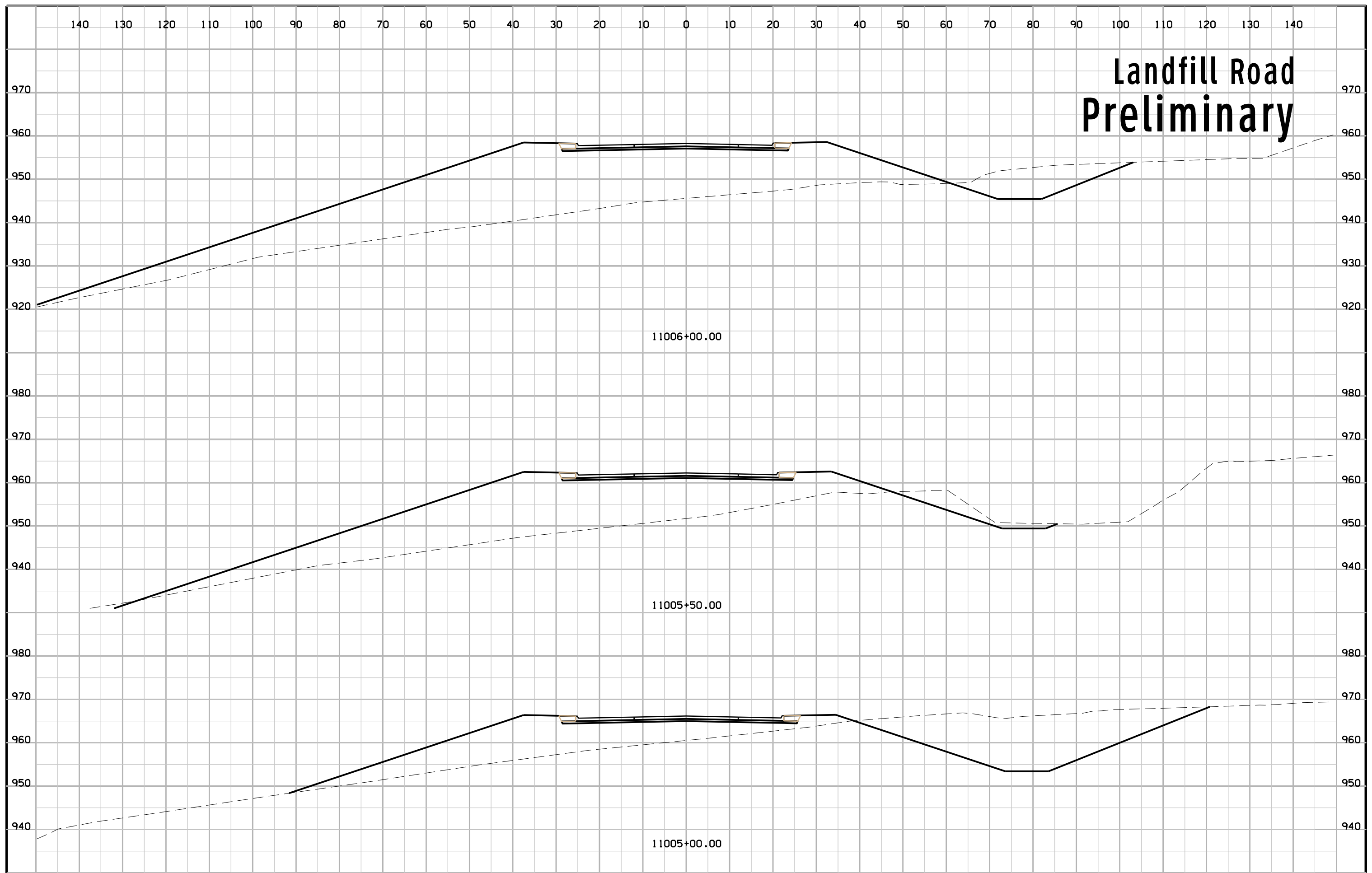
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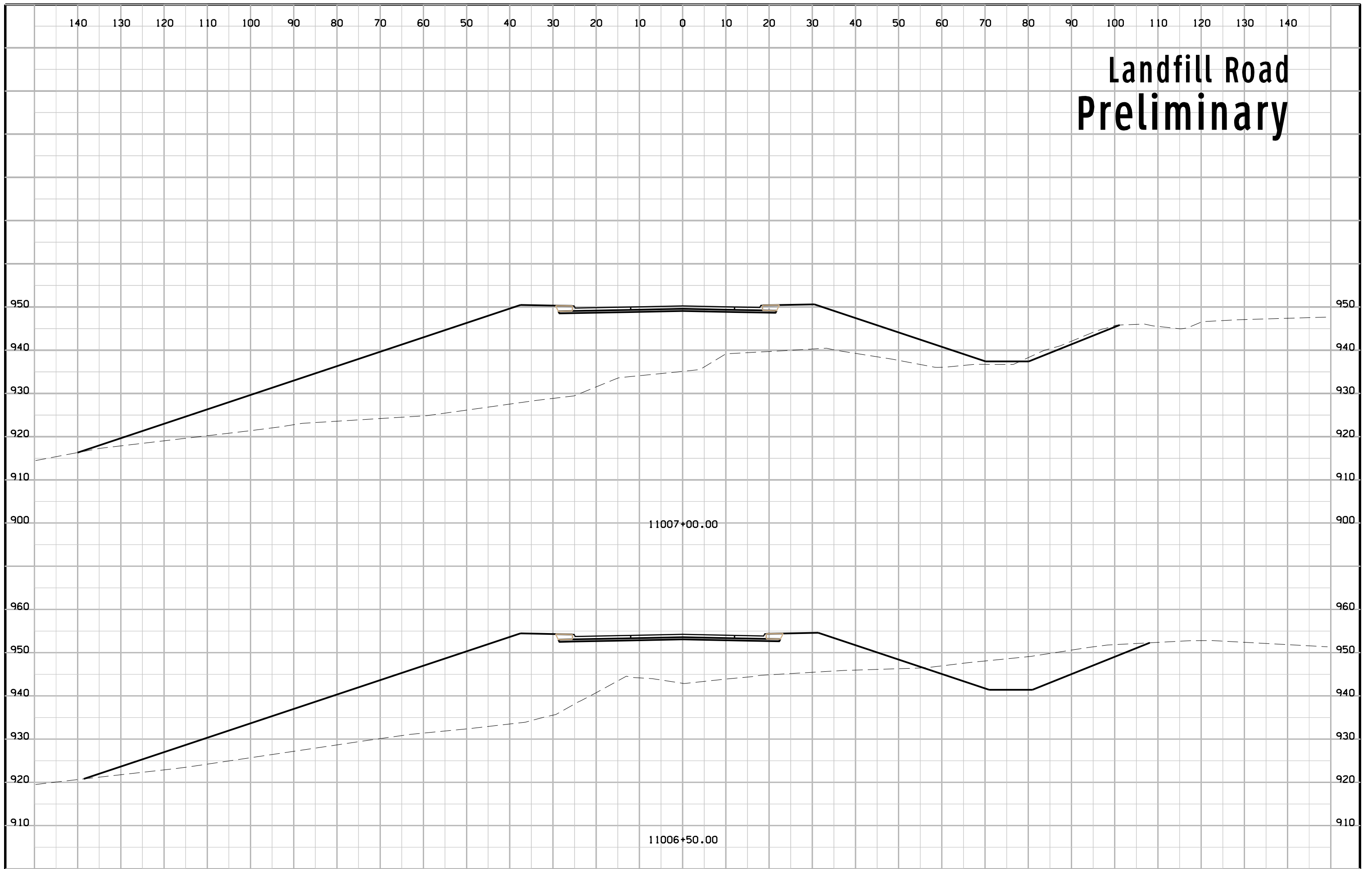
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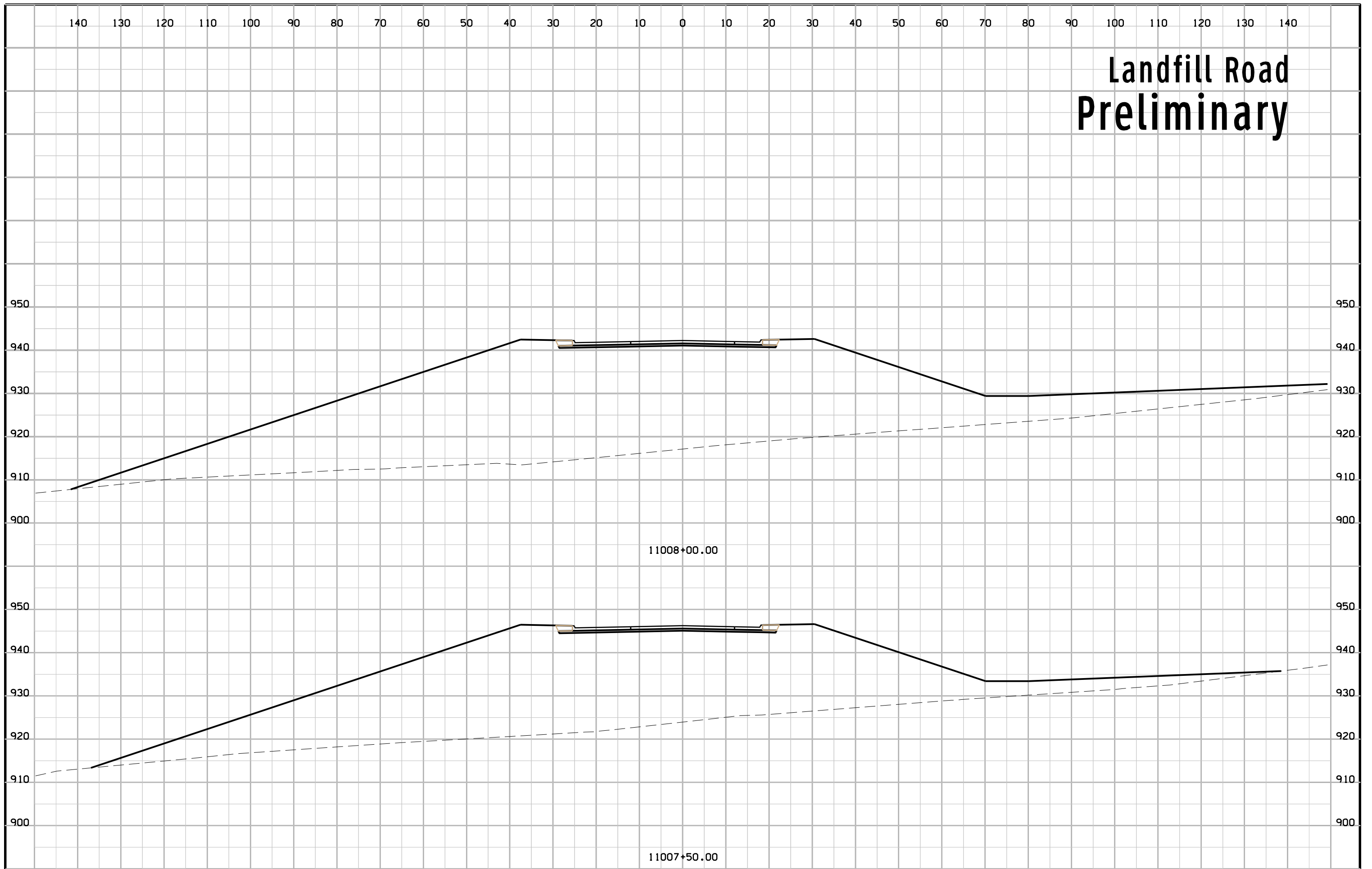
Landfill Road Preliminary



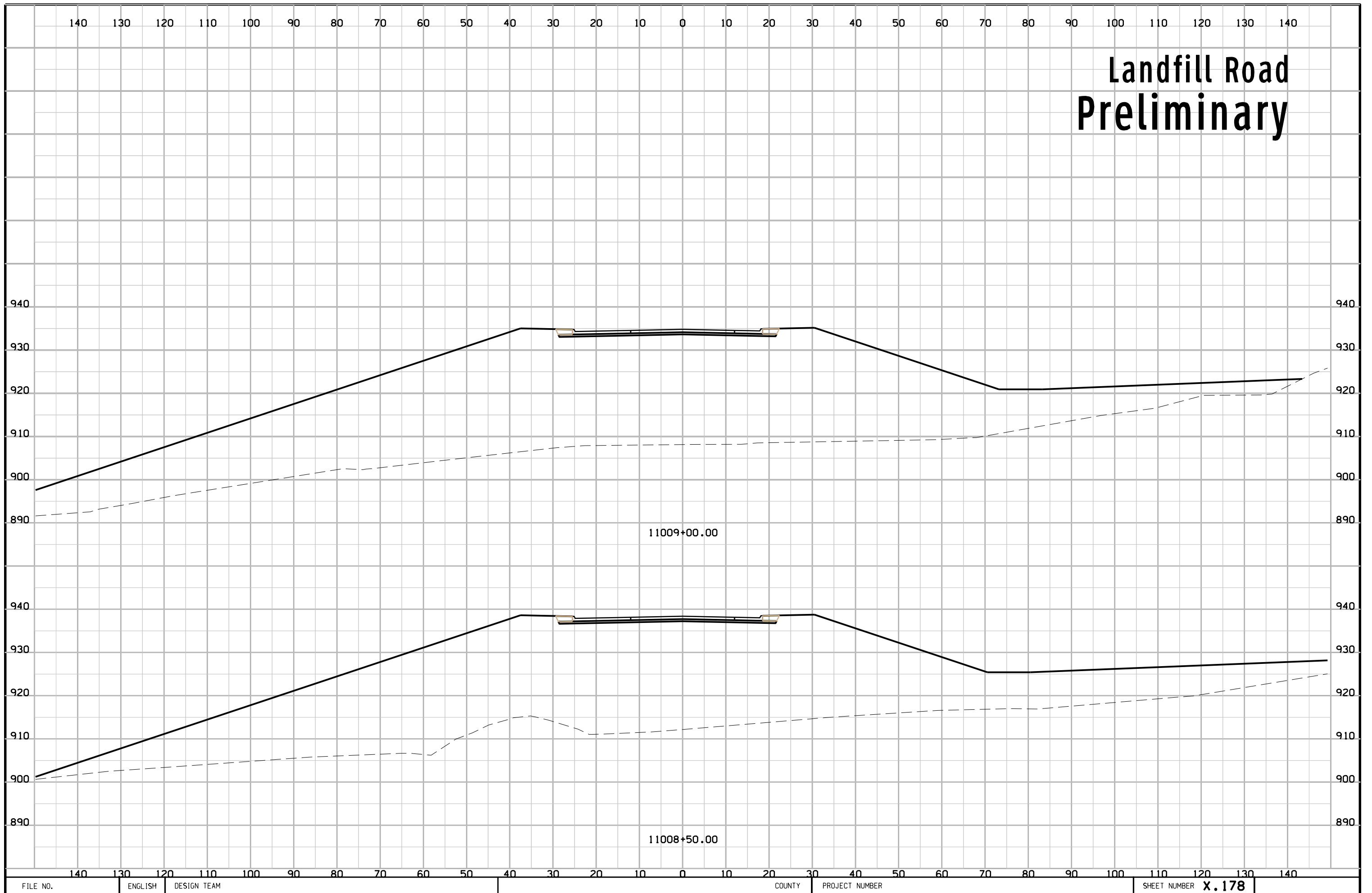
Landfill Road Preliminary



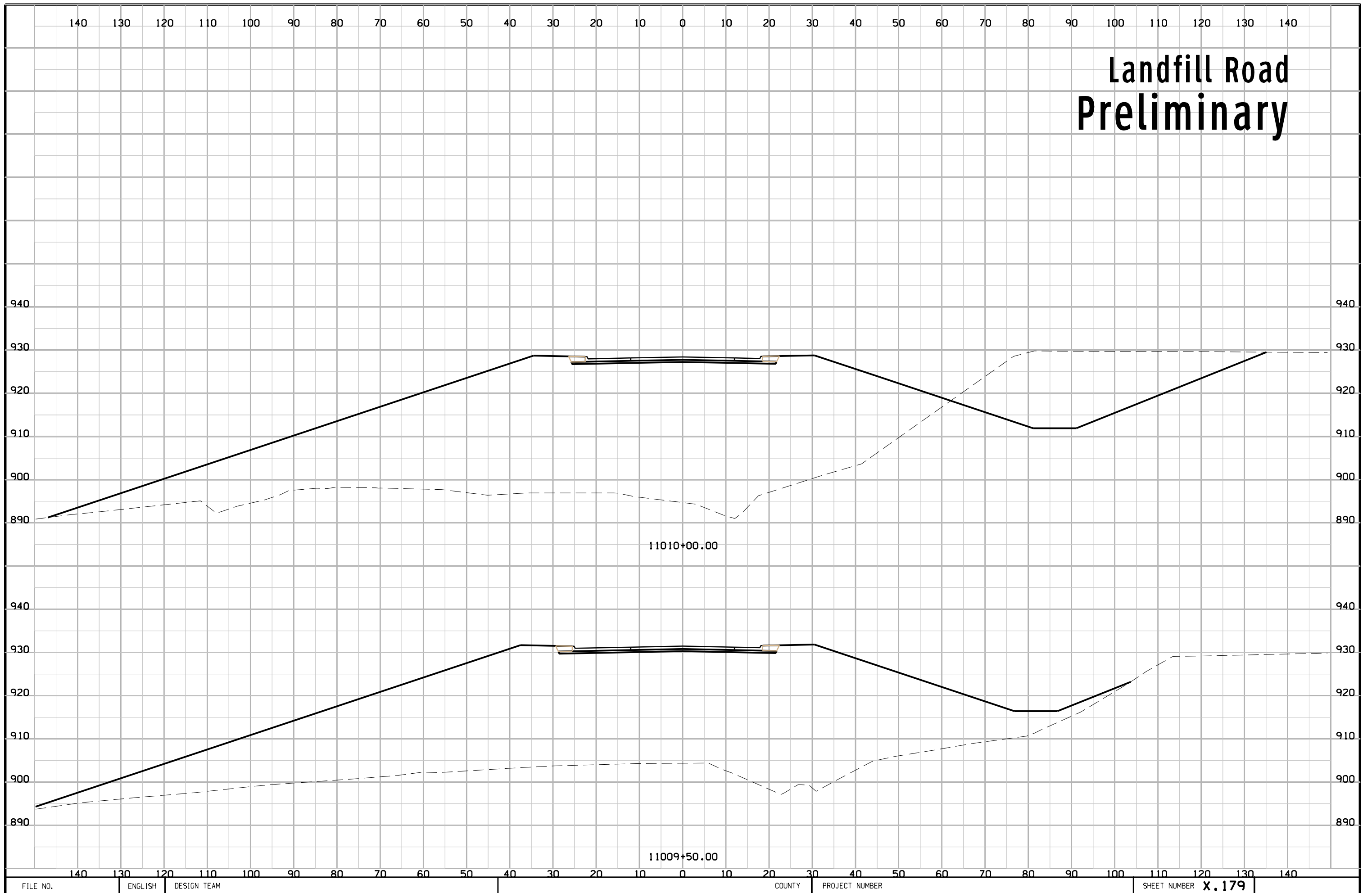
Landfill Road Preliminary



Landfill Road Preliminary



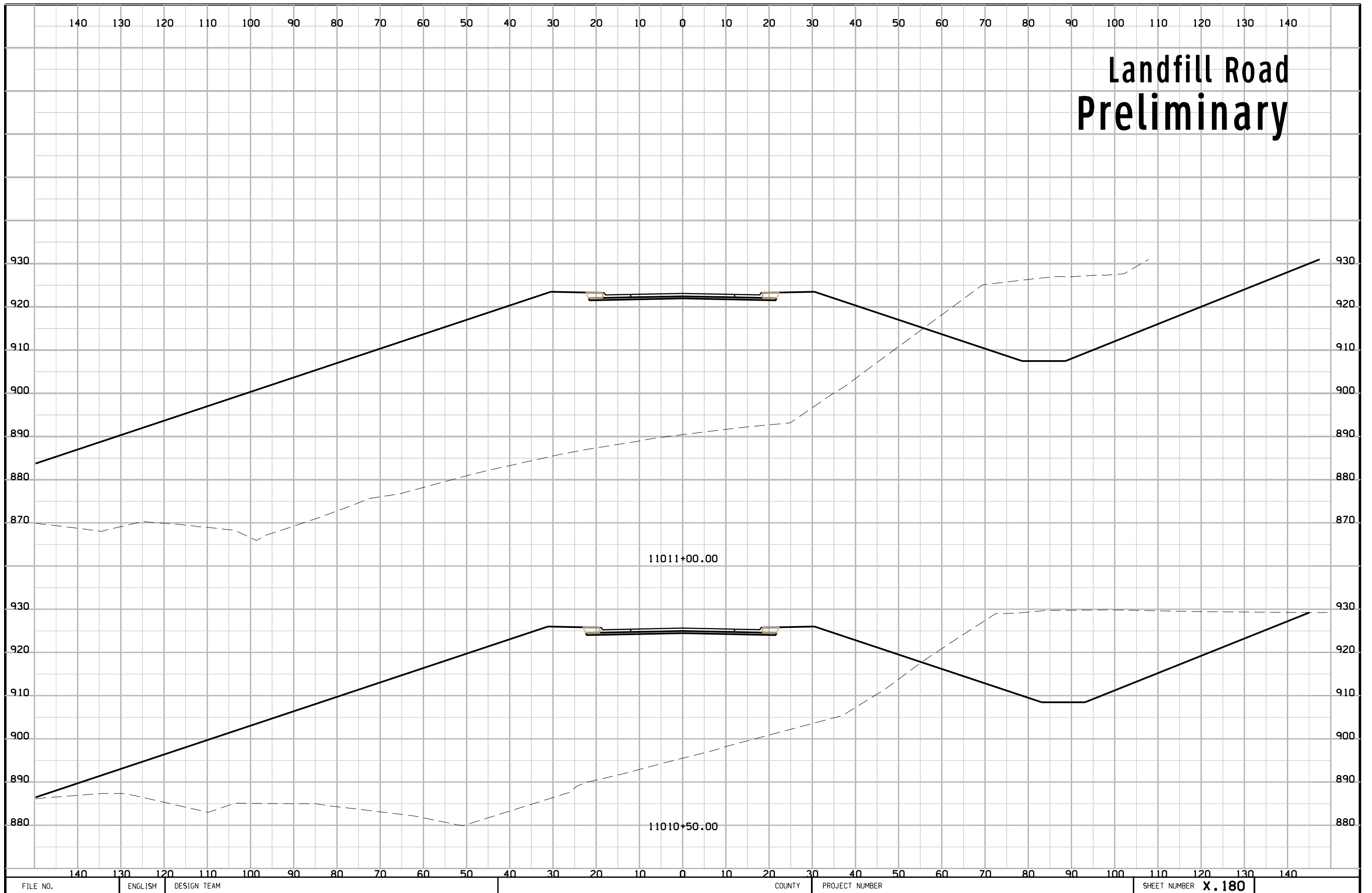
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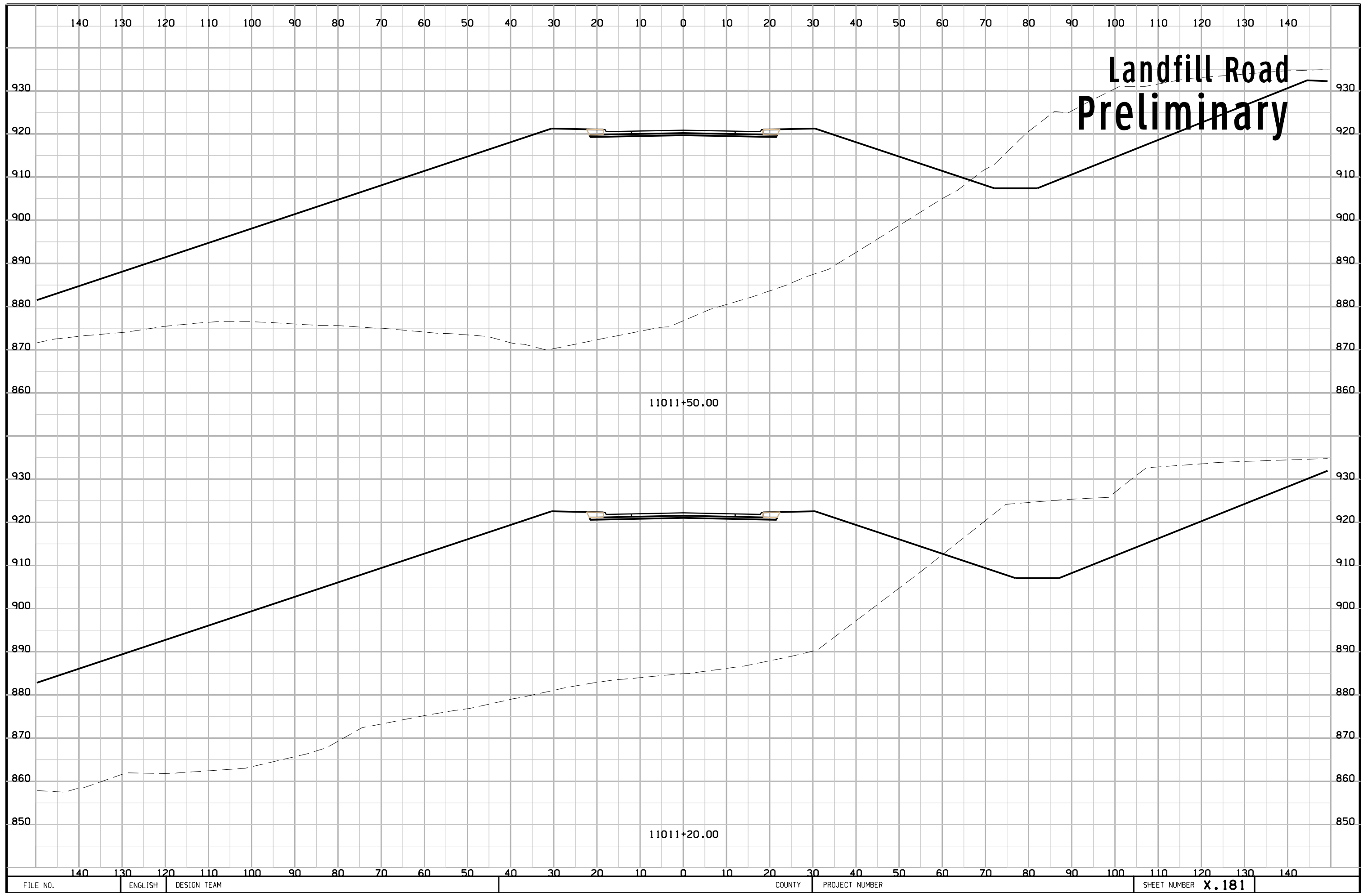


11010+00.00

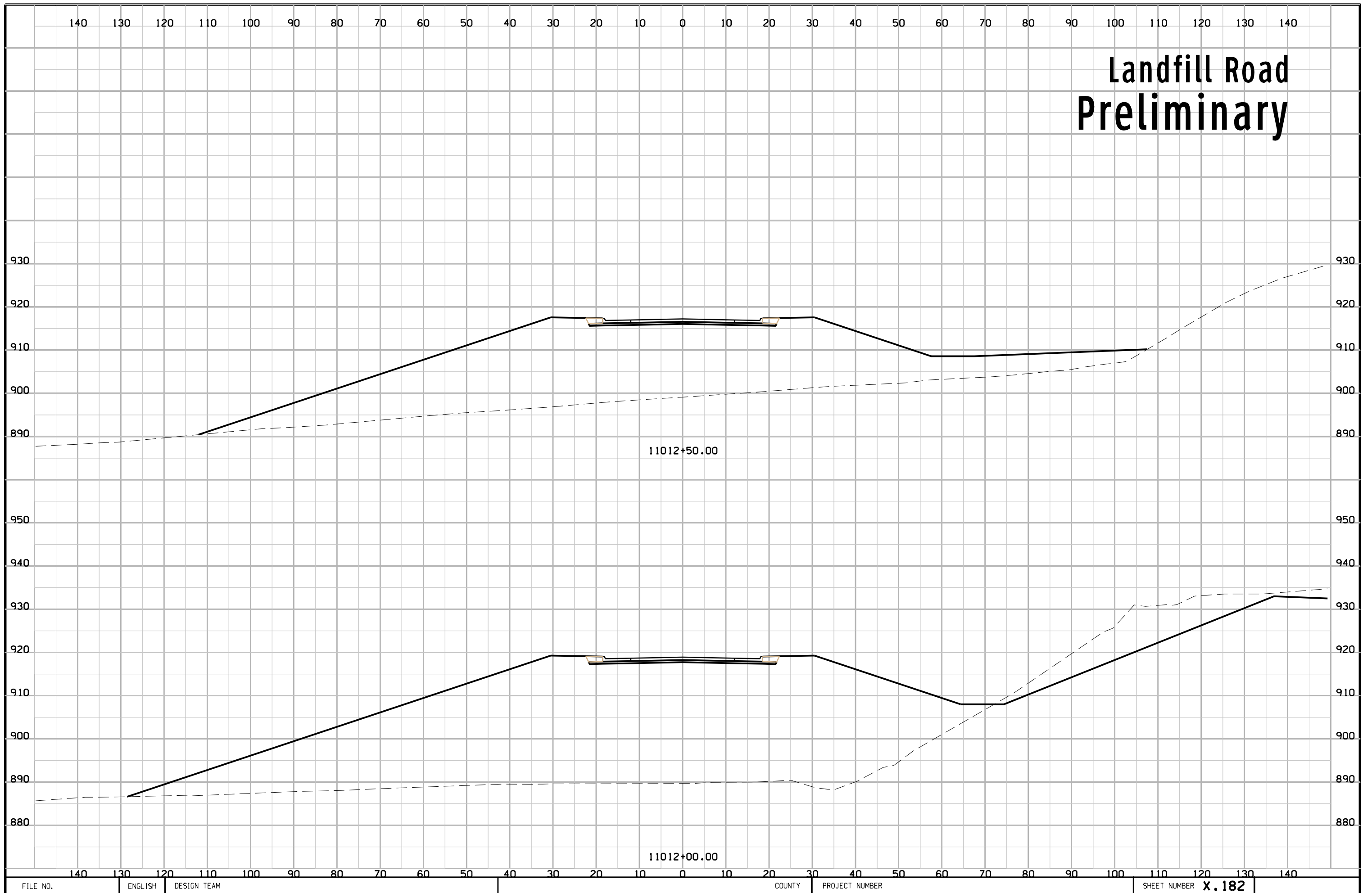
11009+50.00

Landfill Road Preliminary

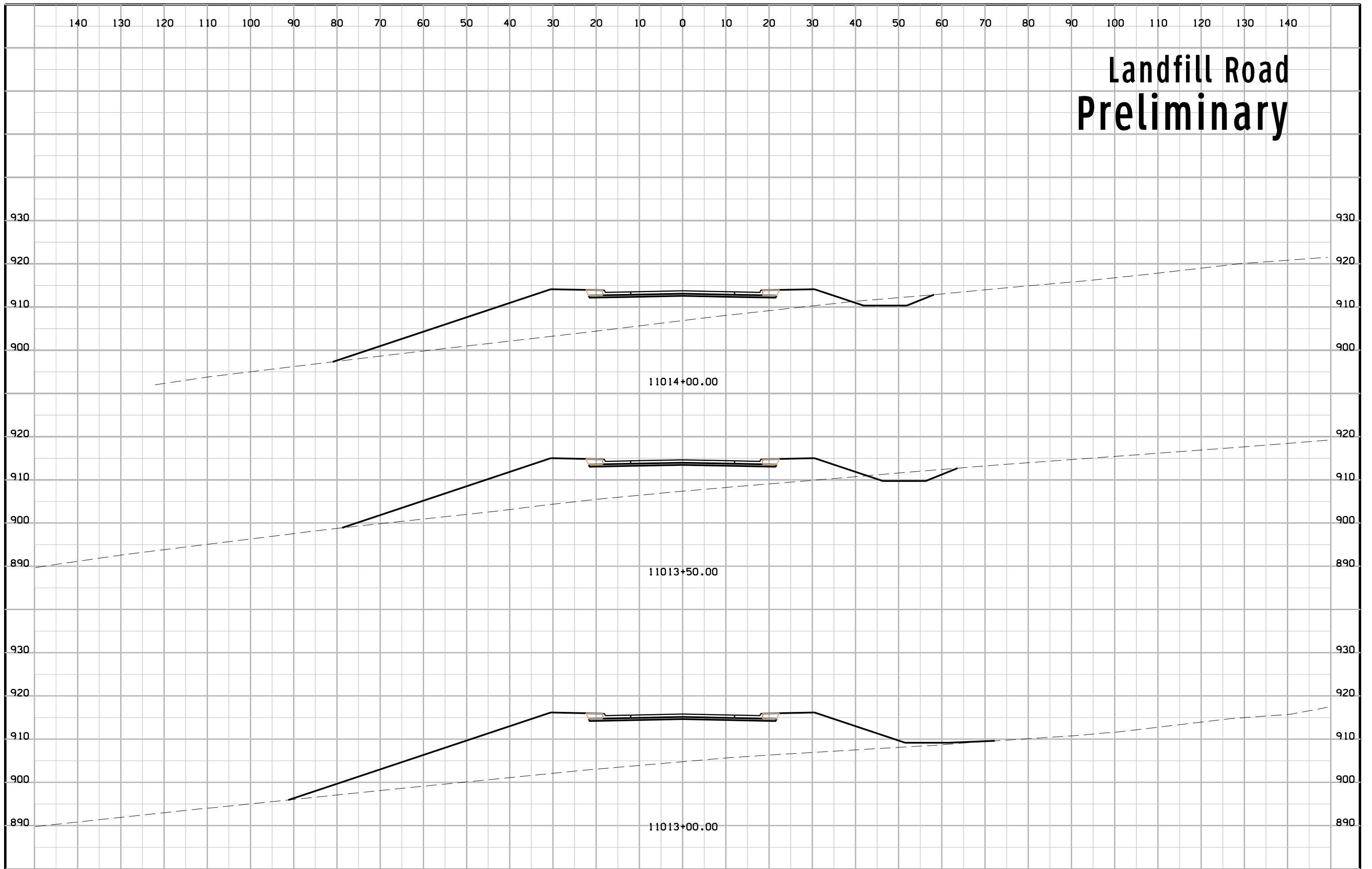




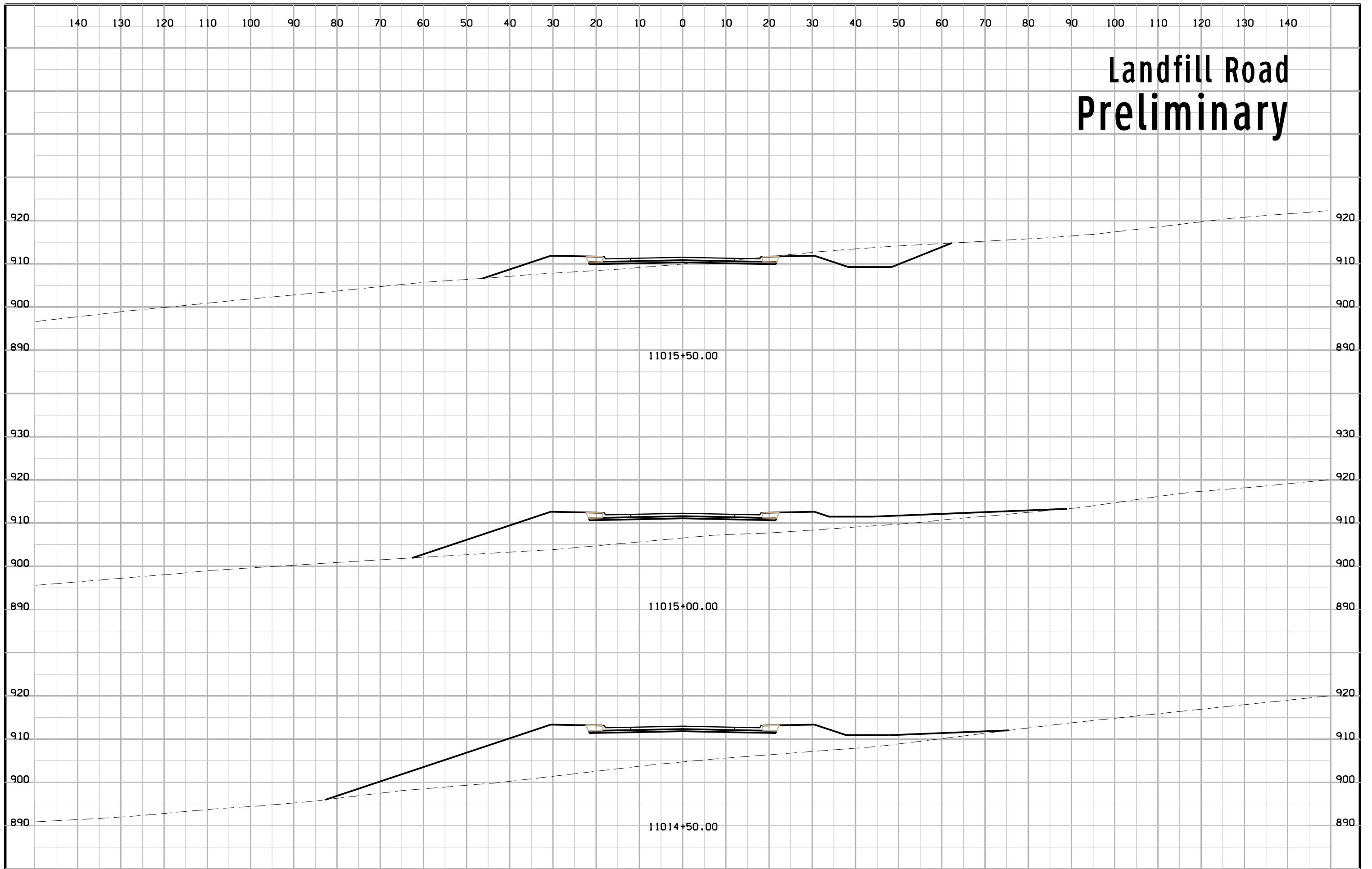
Landfill Road Preliminary



Landfill Road Preliminary



Landfill Road Preliminary

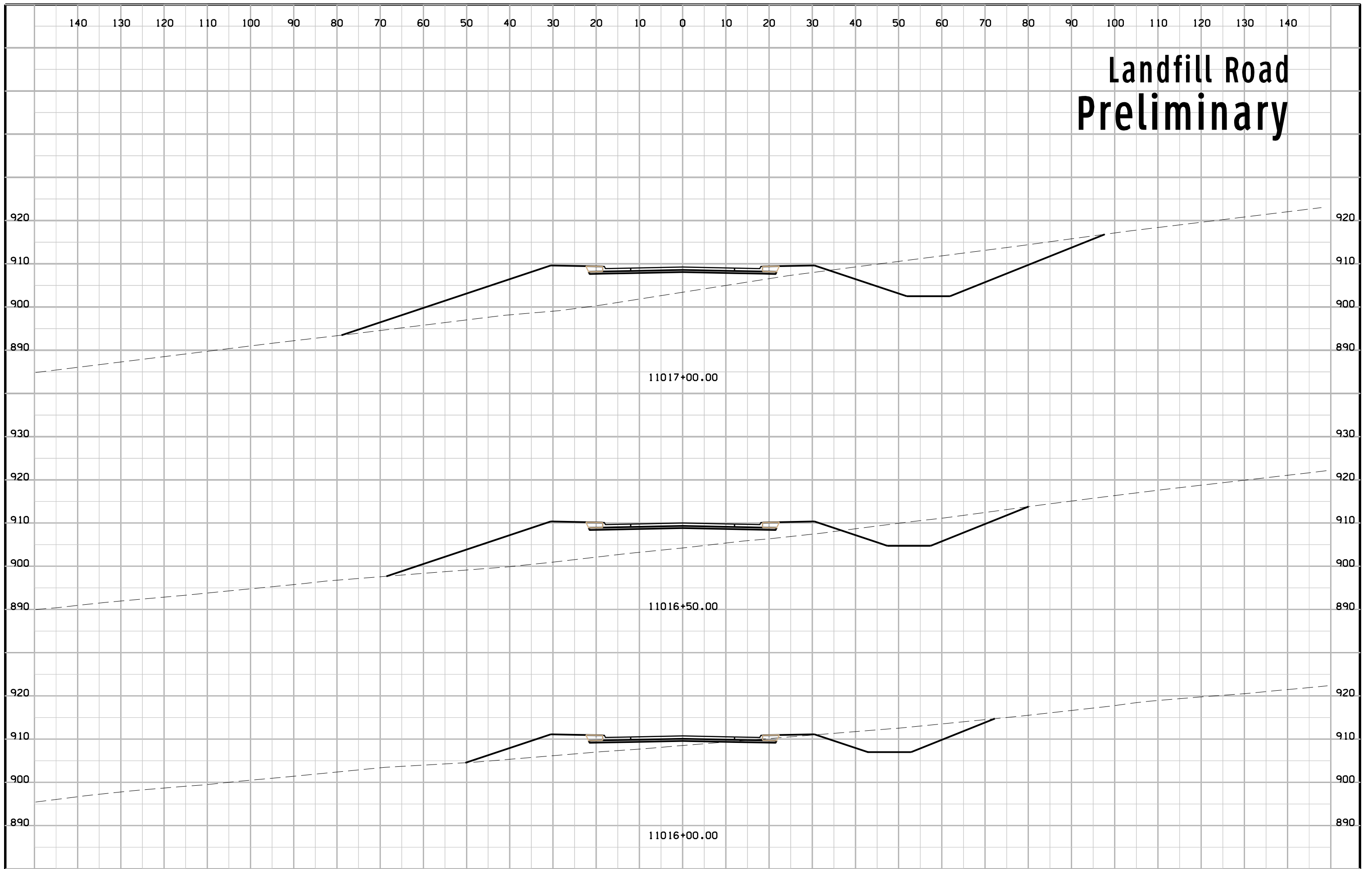


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11015+00.00

11014+50.00

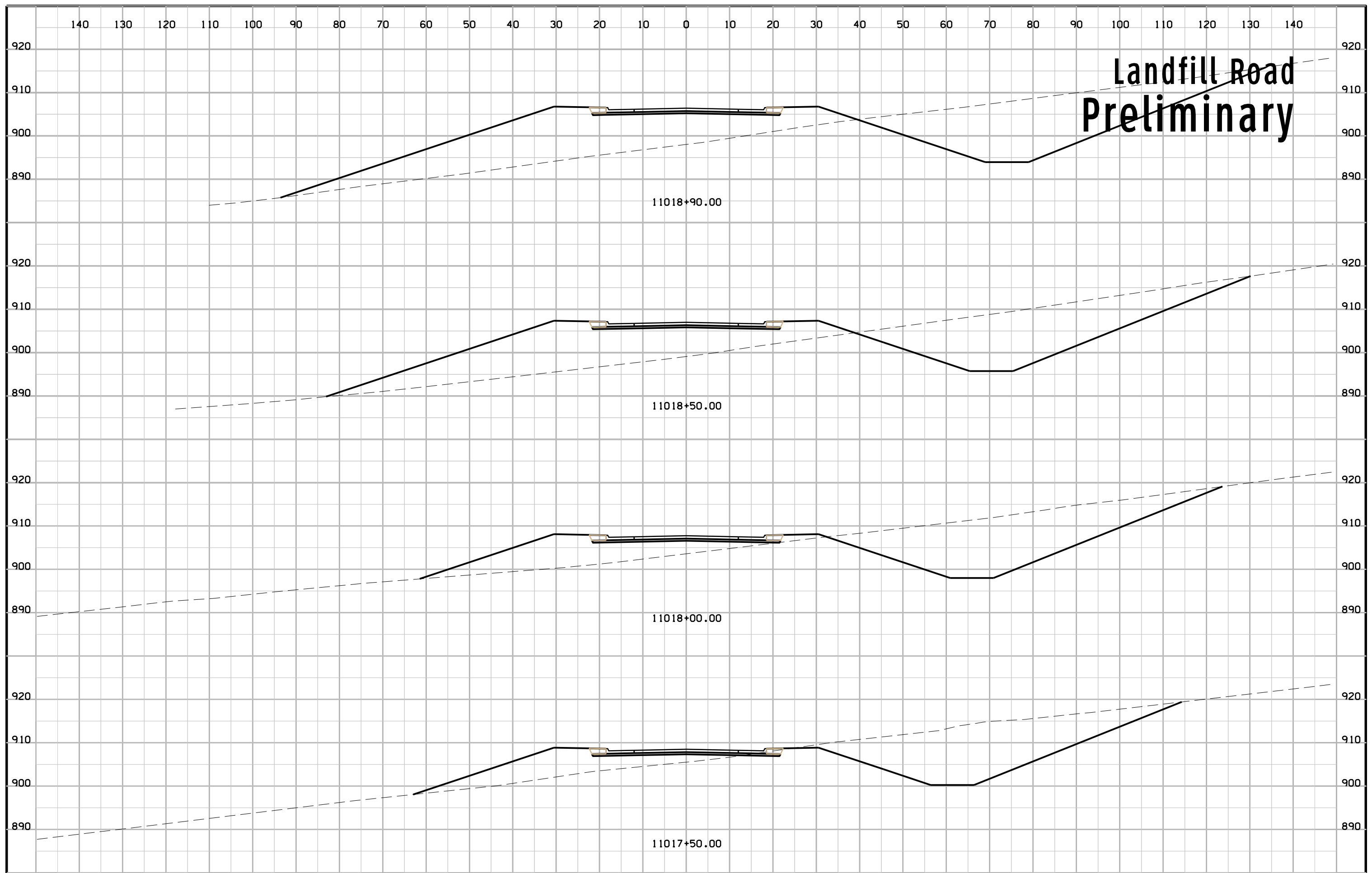
Landfill Road Preliminary



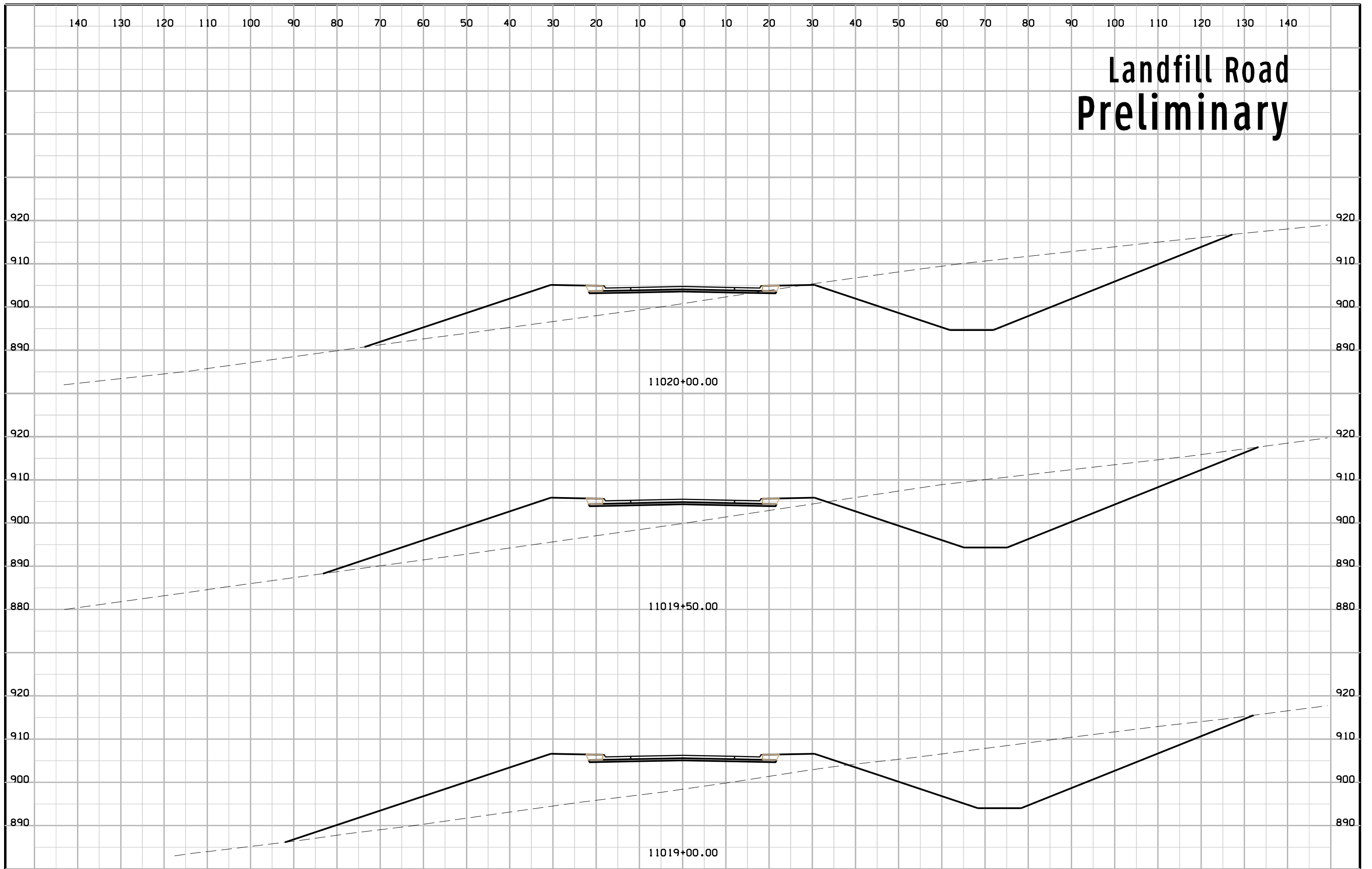
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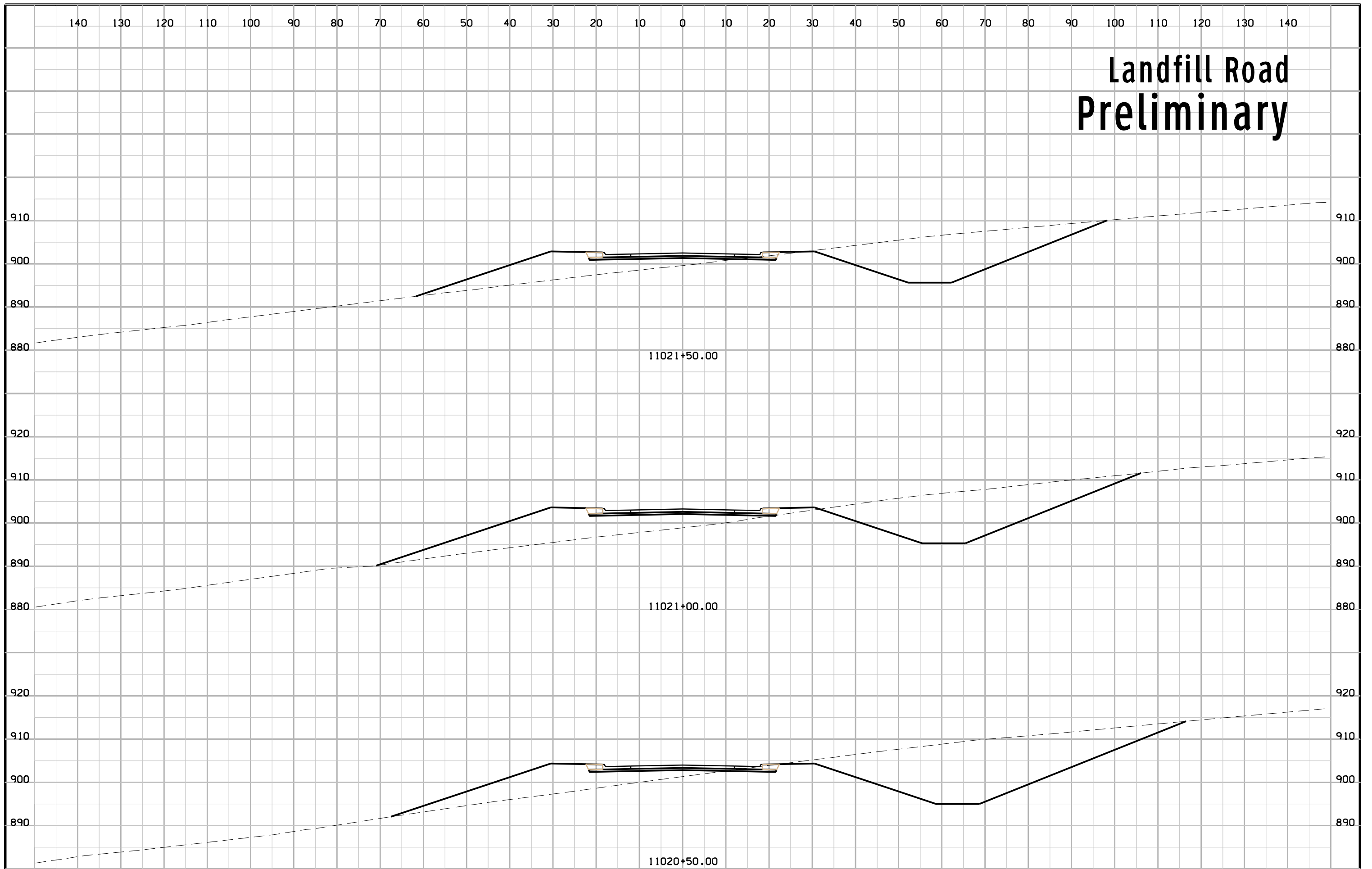
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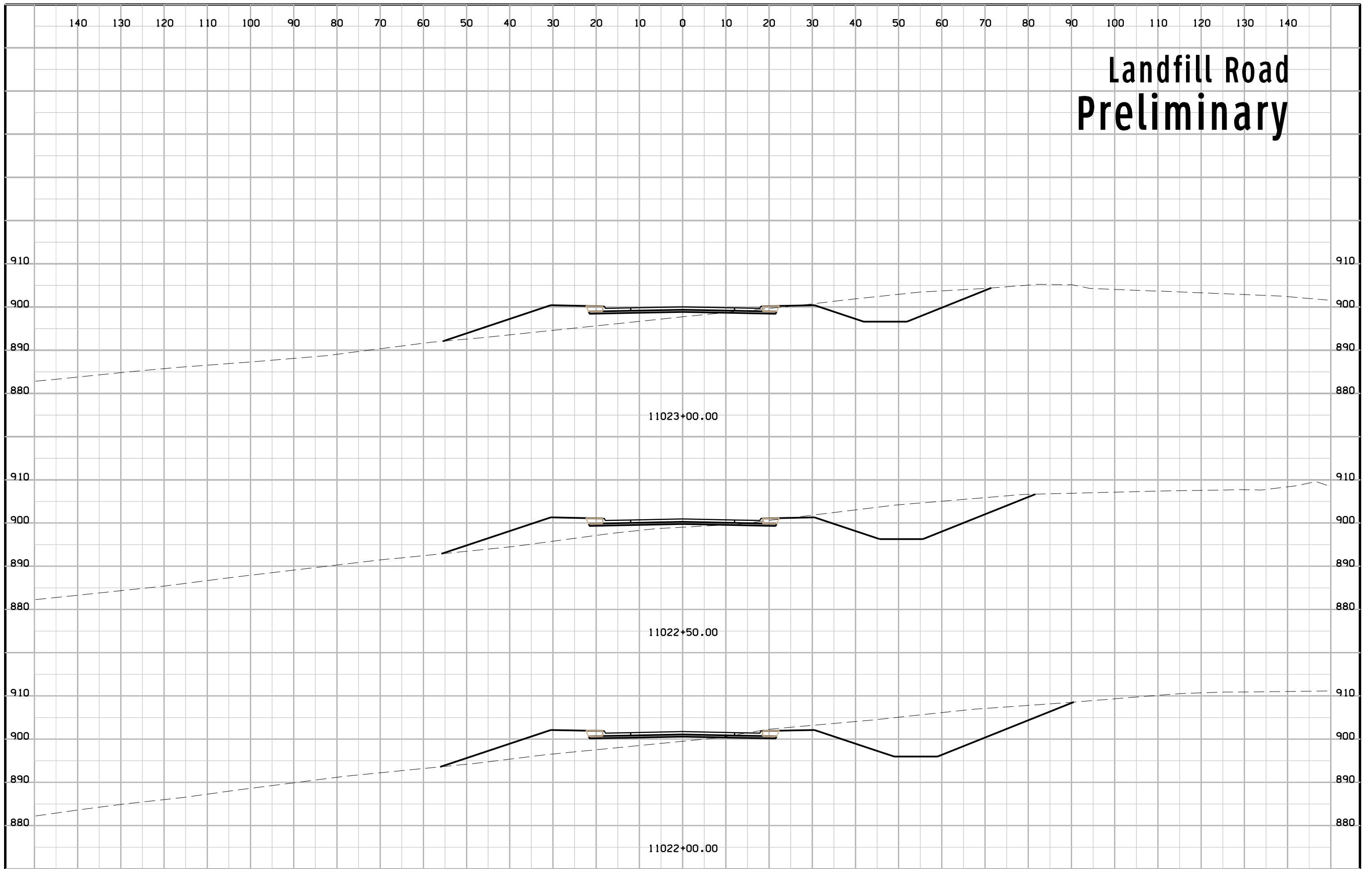
Landfill Road Preliminary



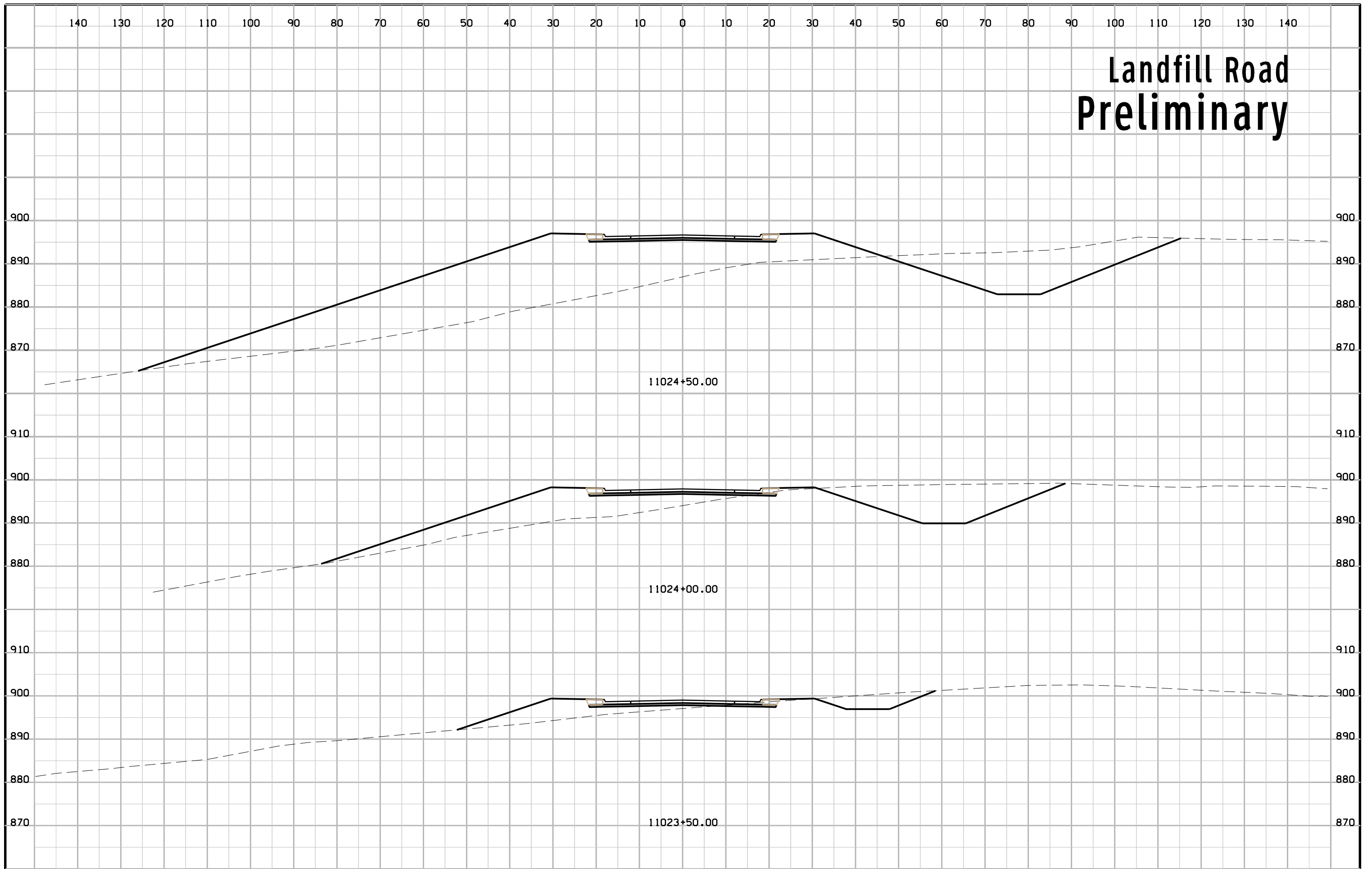
Landfill Road Preliminary



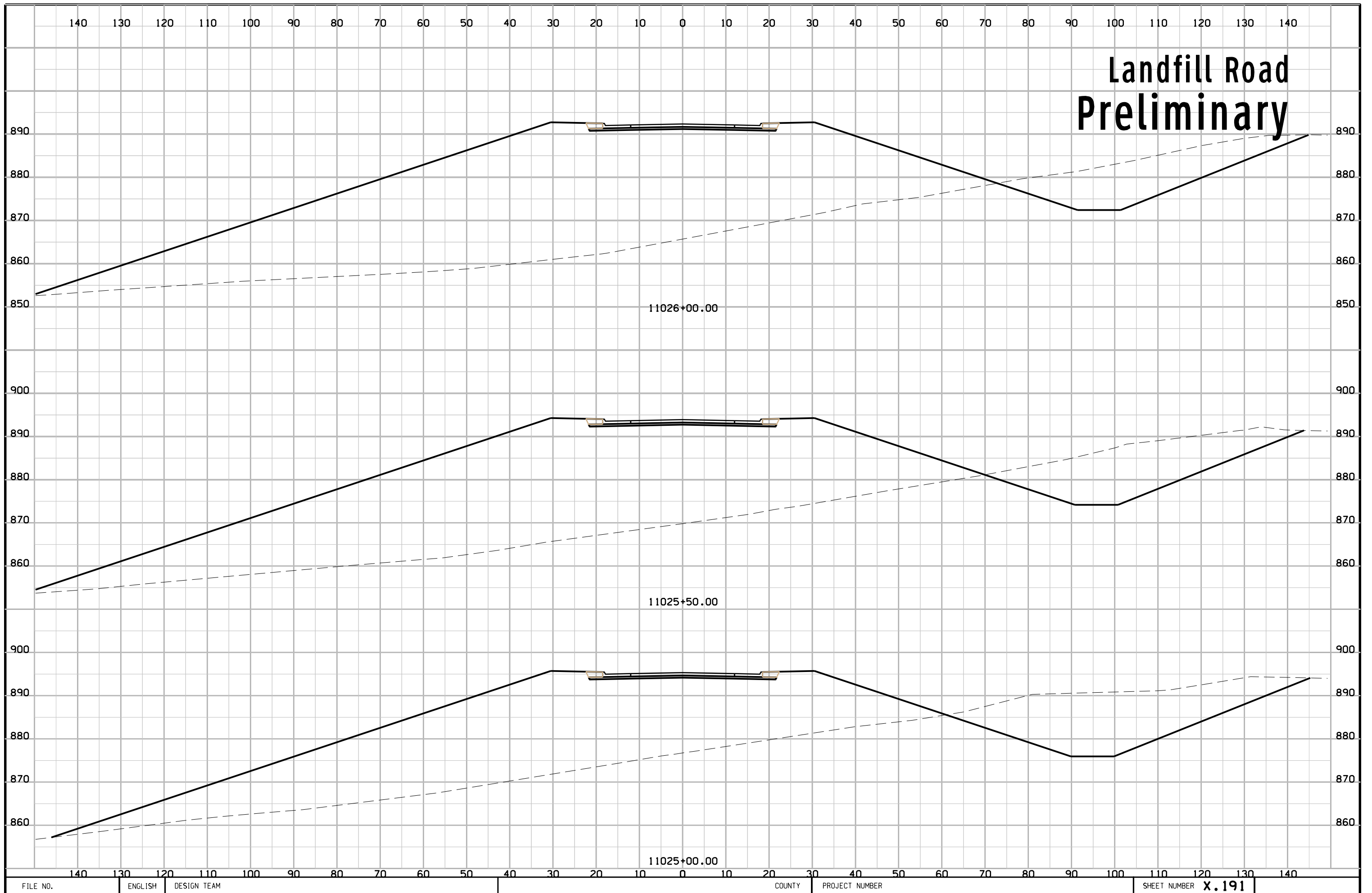
Landfill Road Preliminary



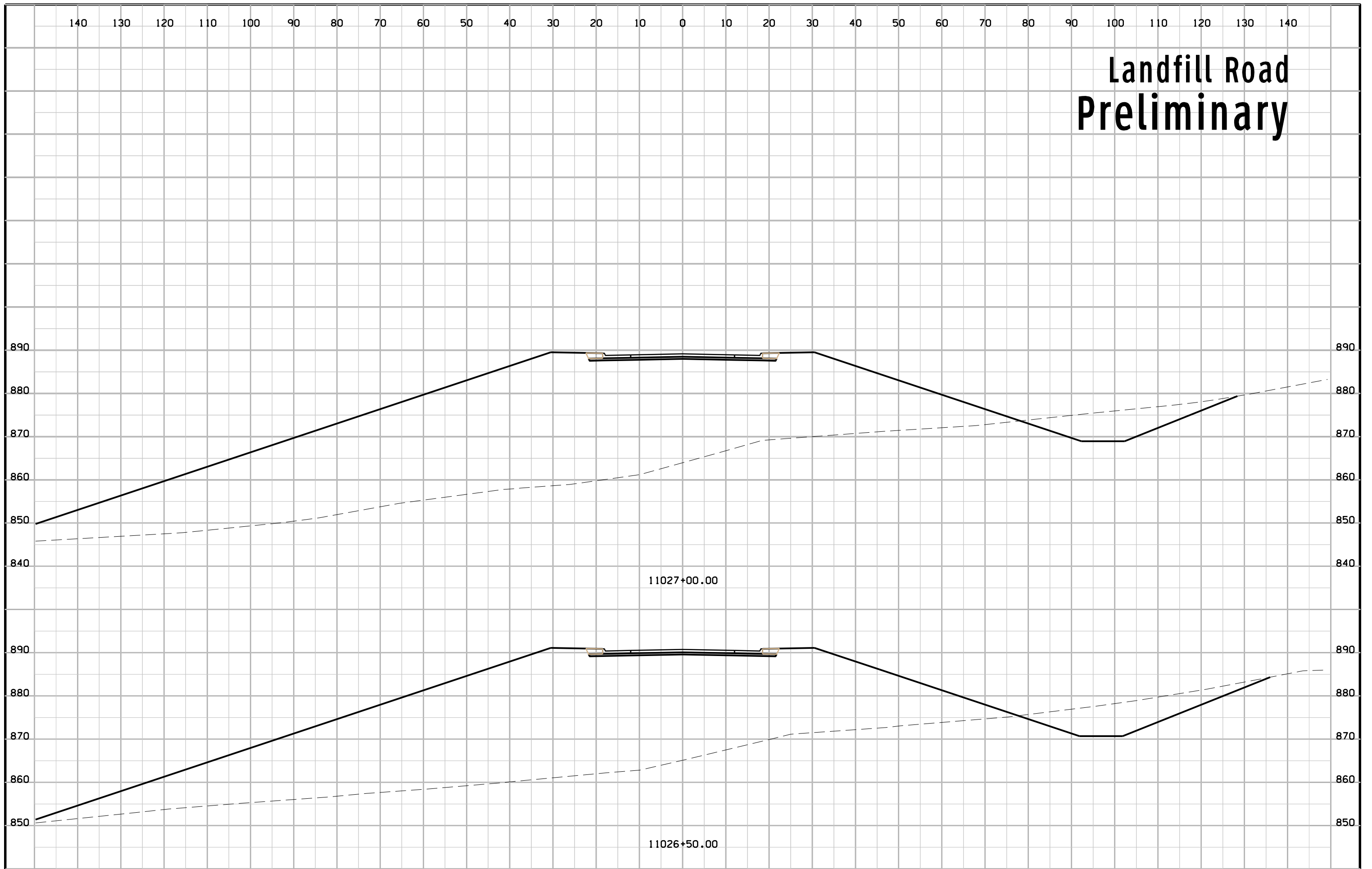
Landfill Road Preliminary



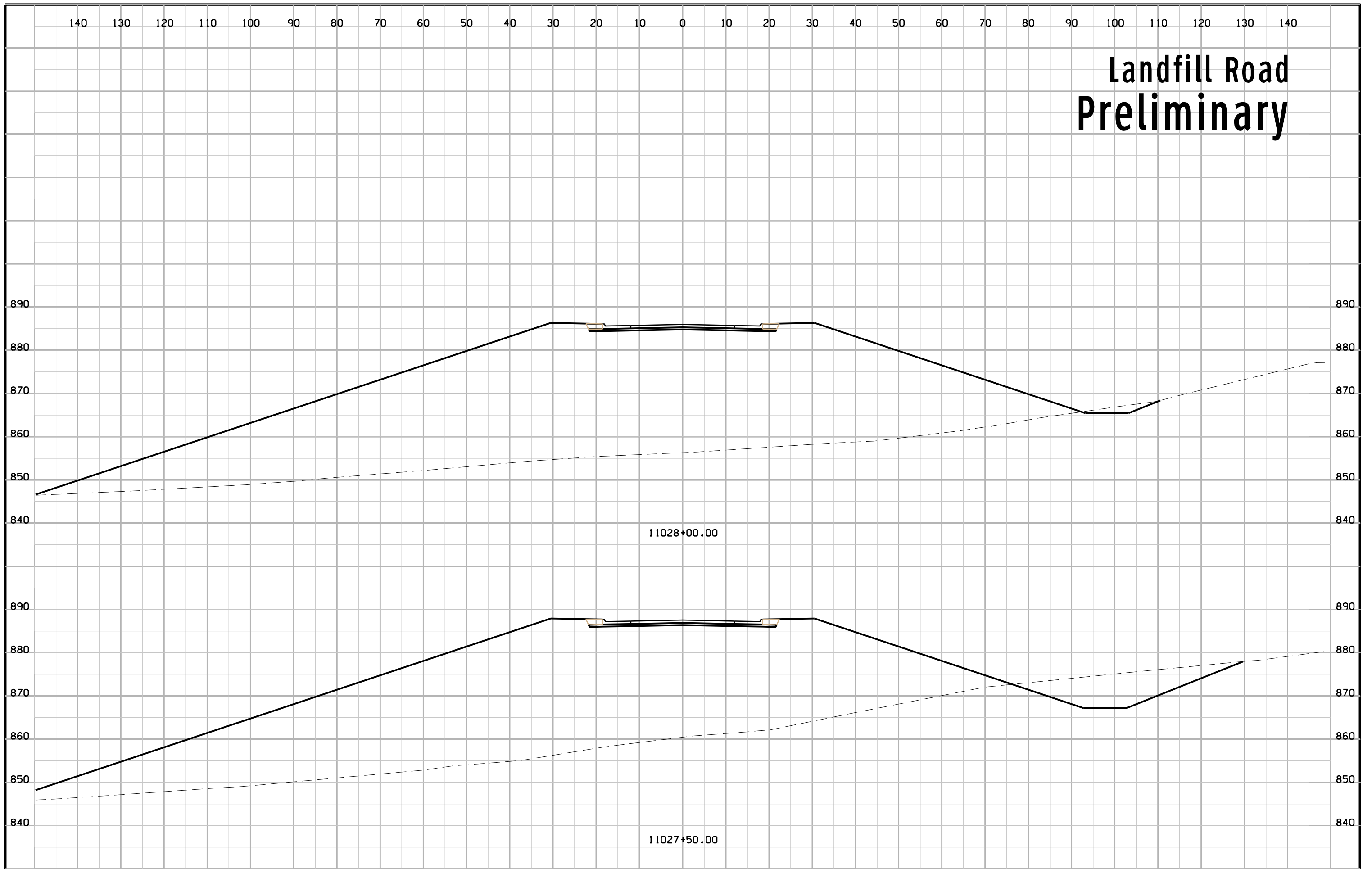
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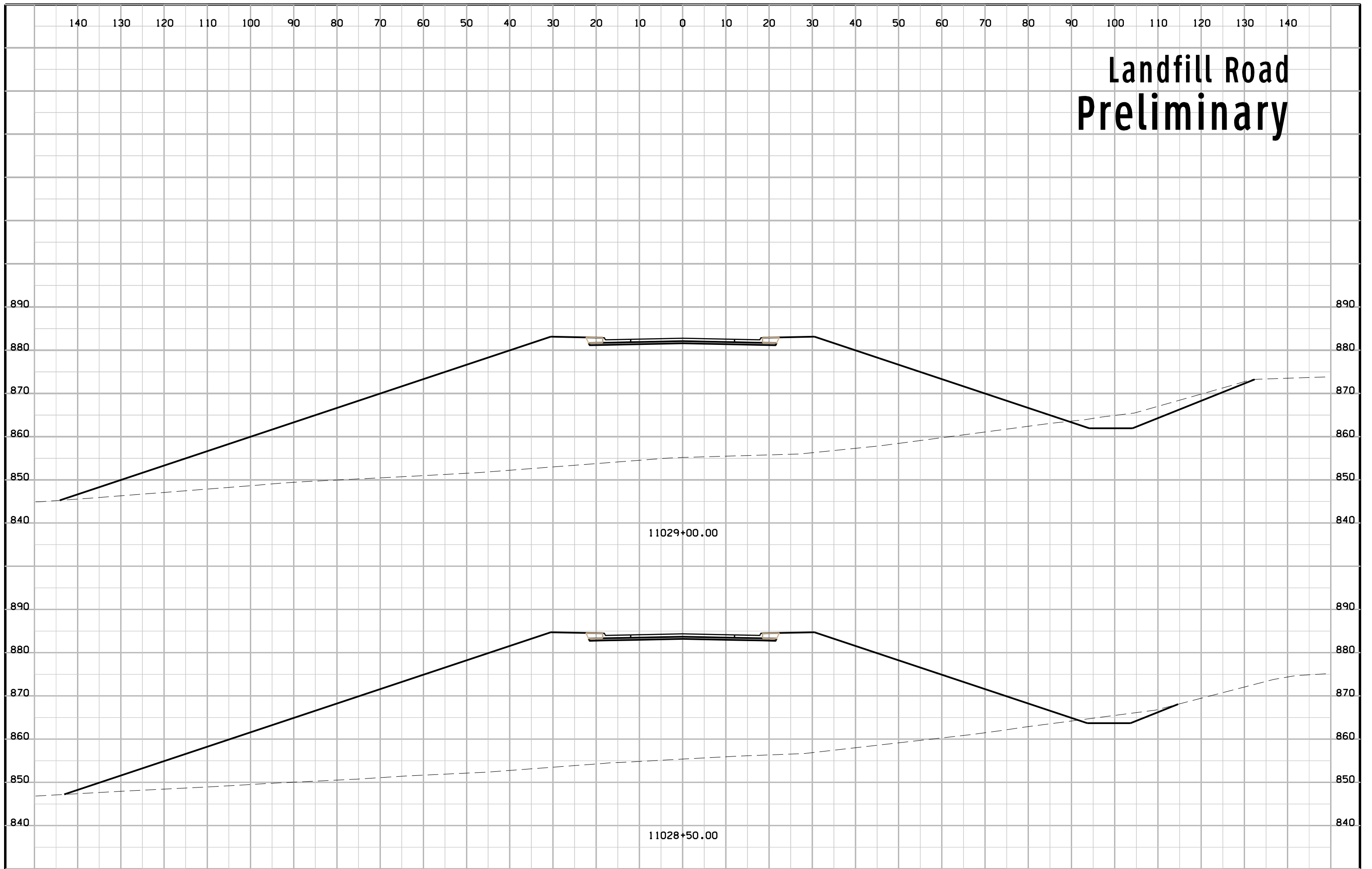
Landfill Road Preliminary



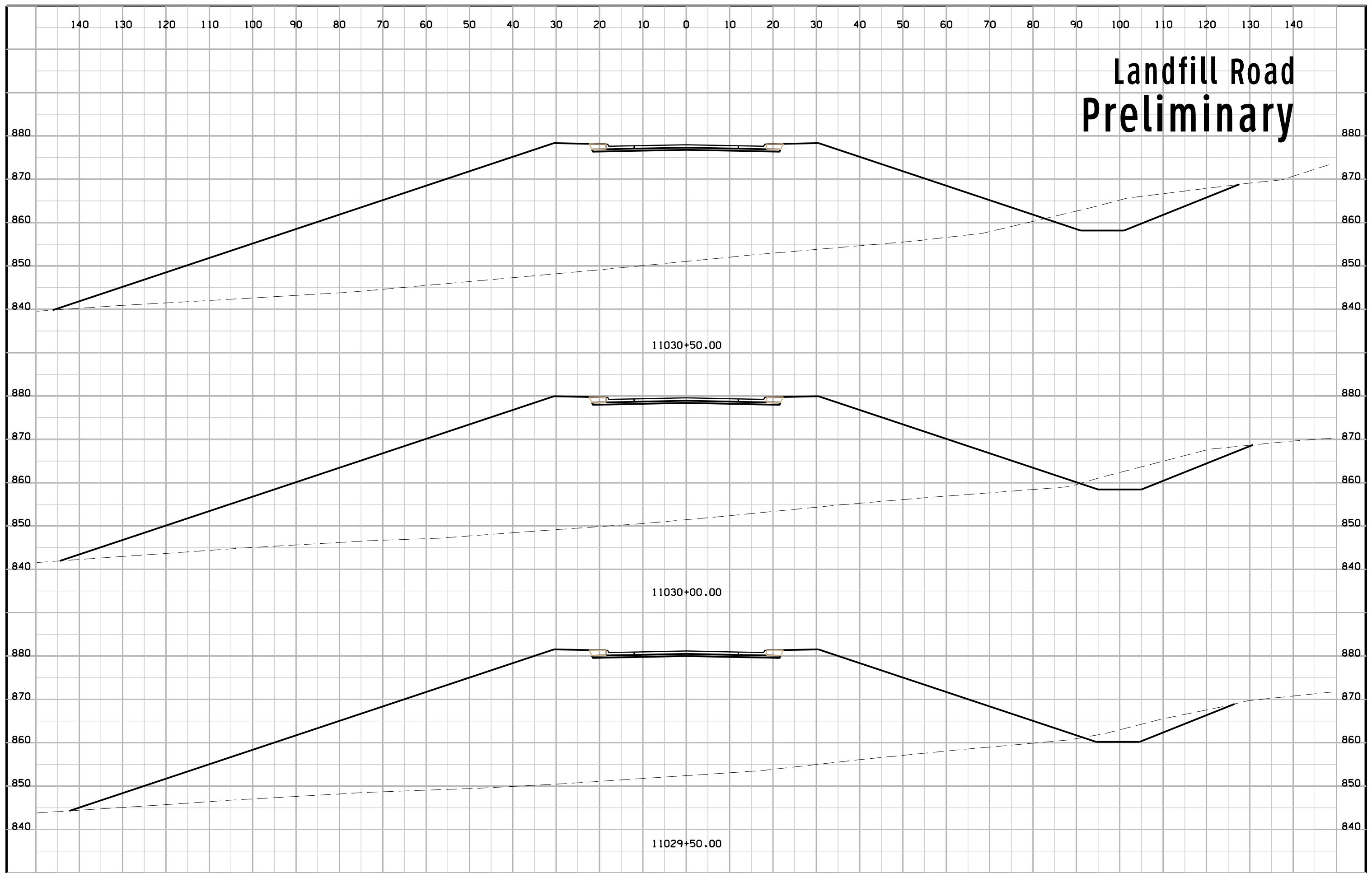
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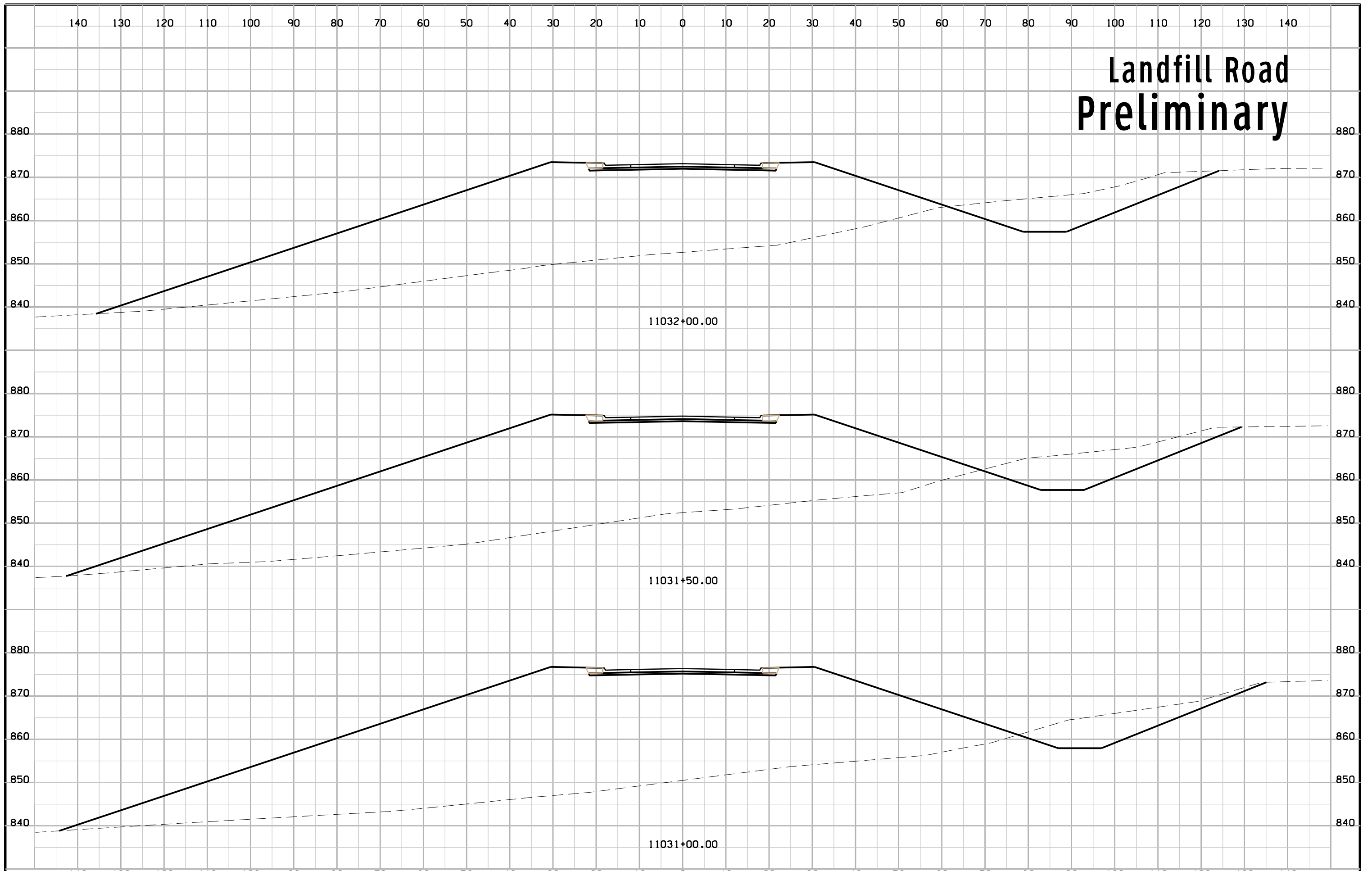
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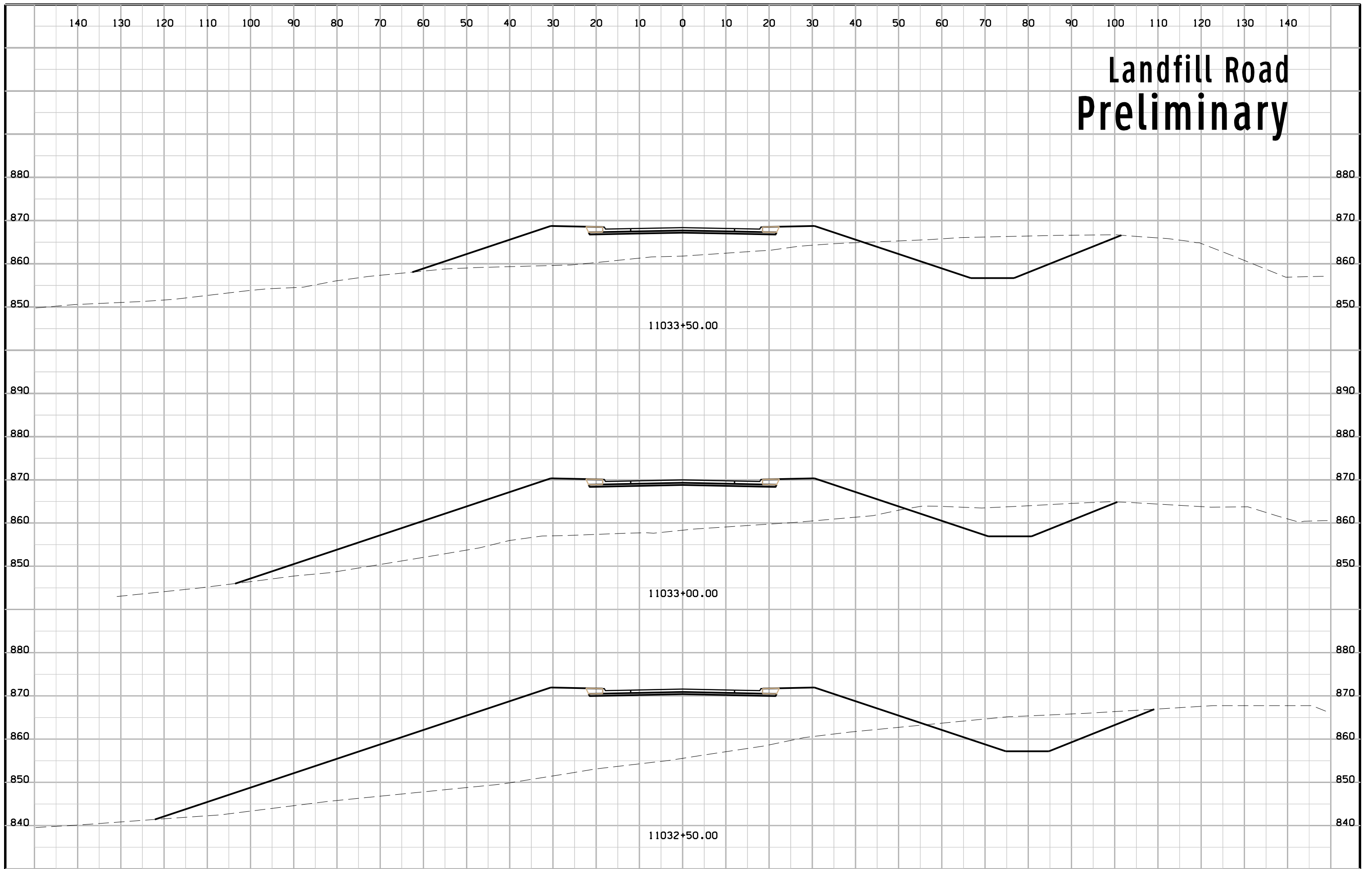
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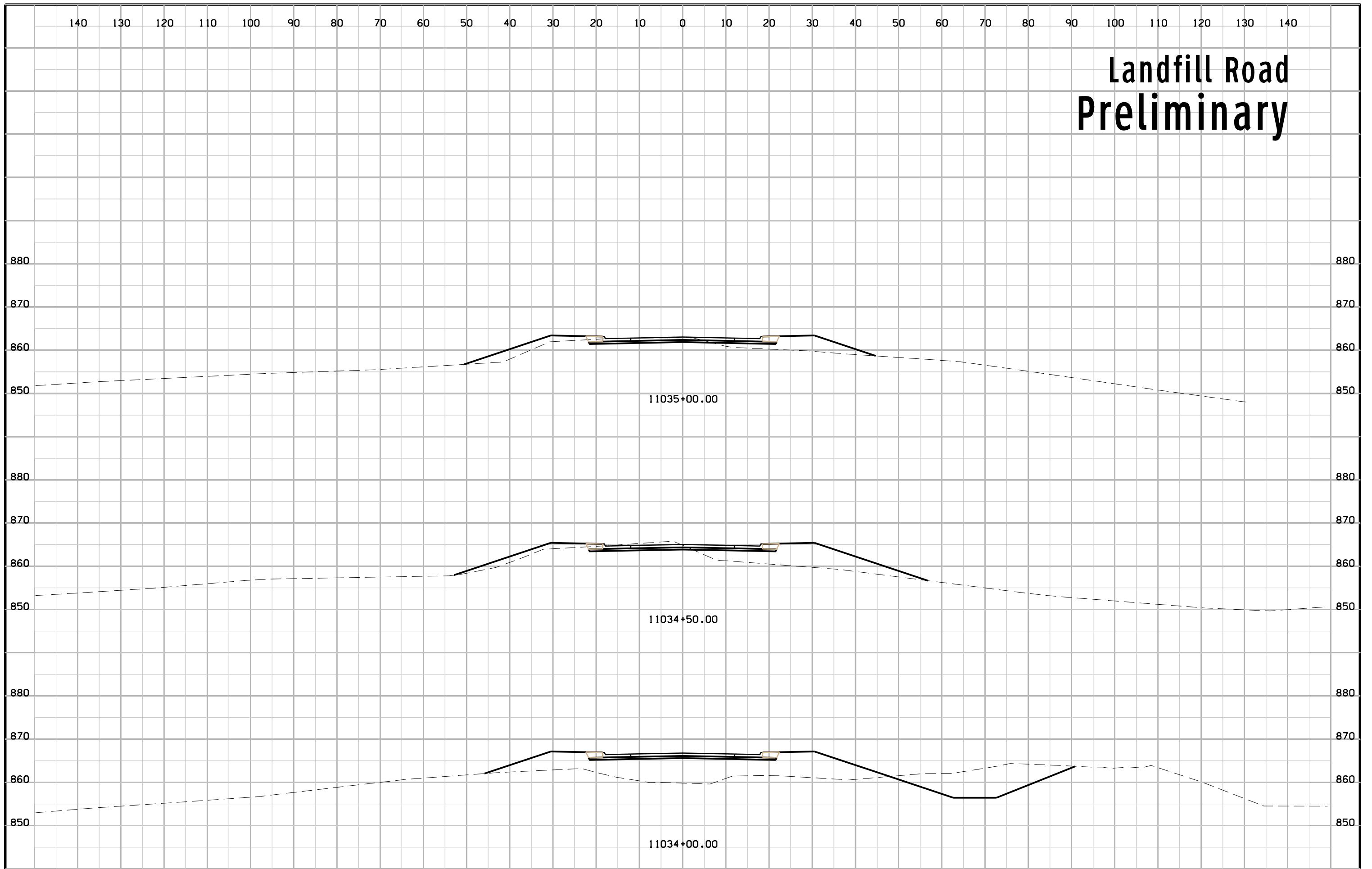
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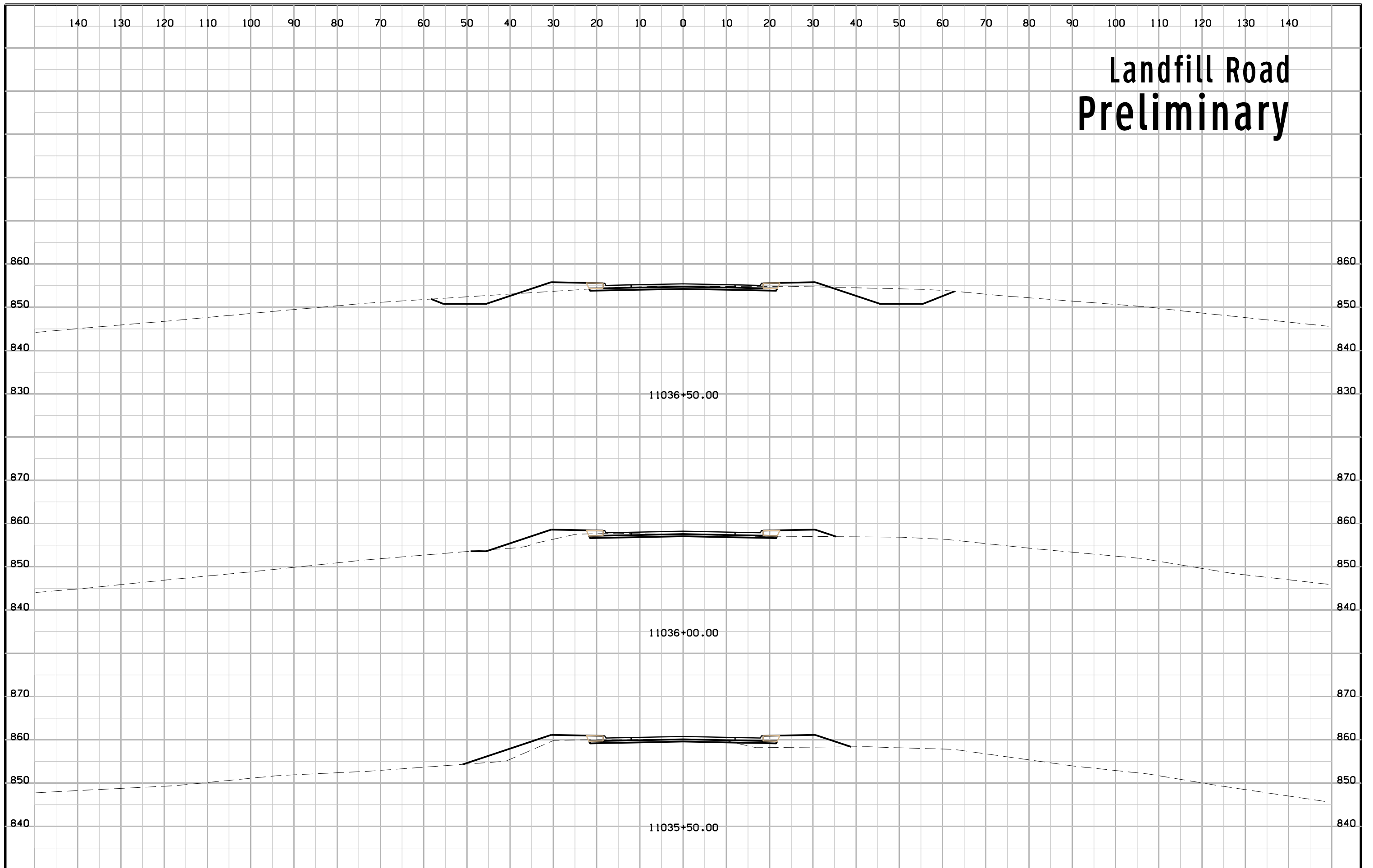
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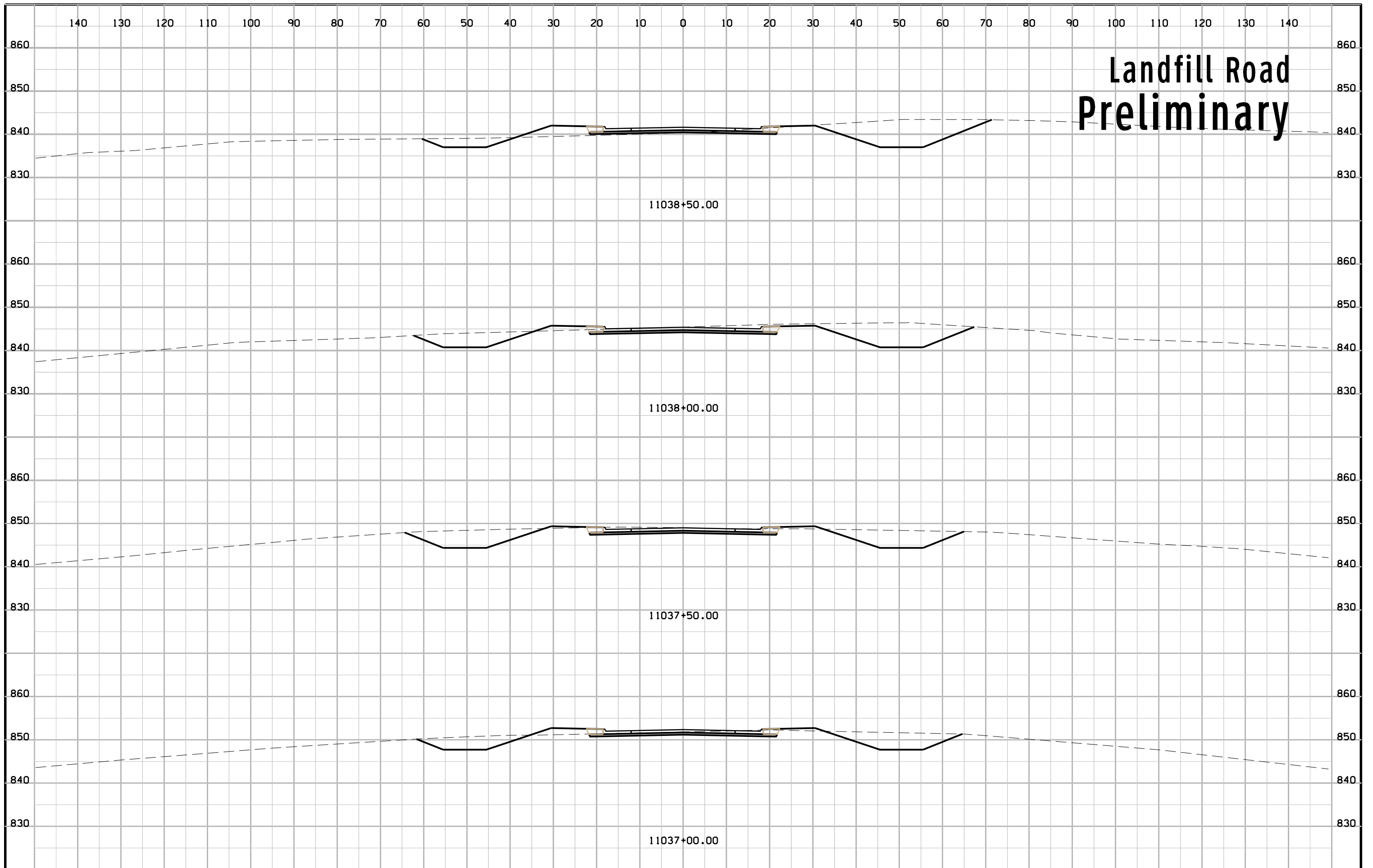
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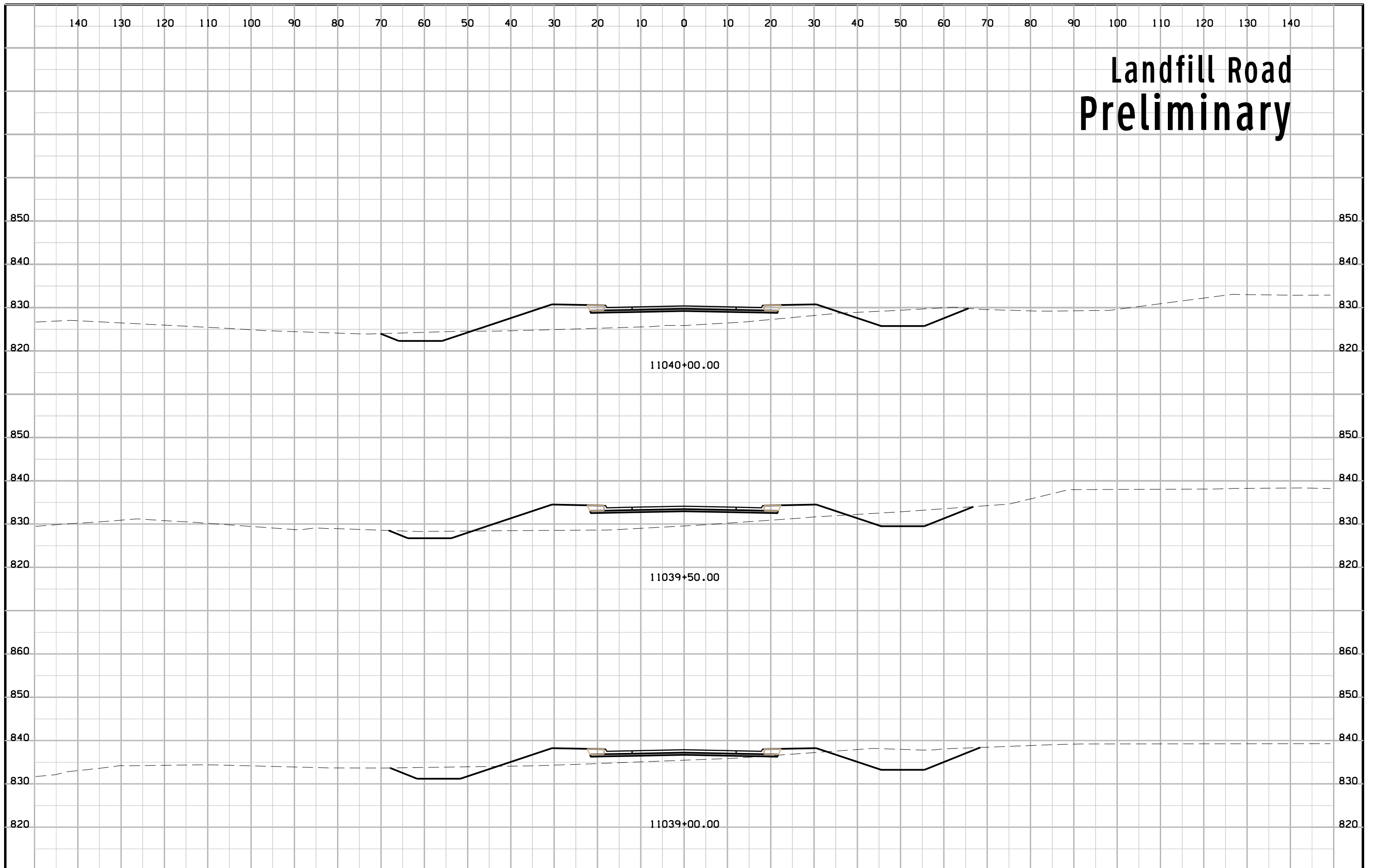
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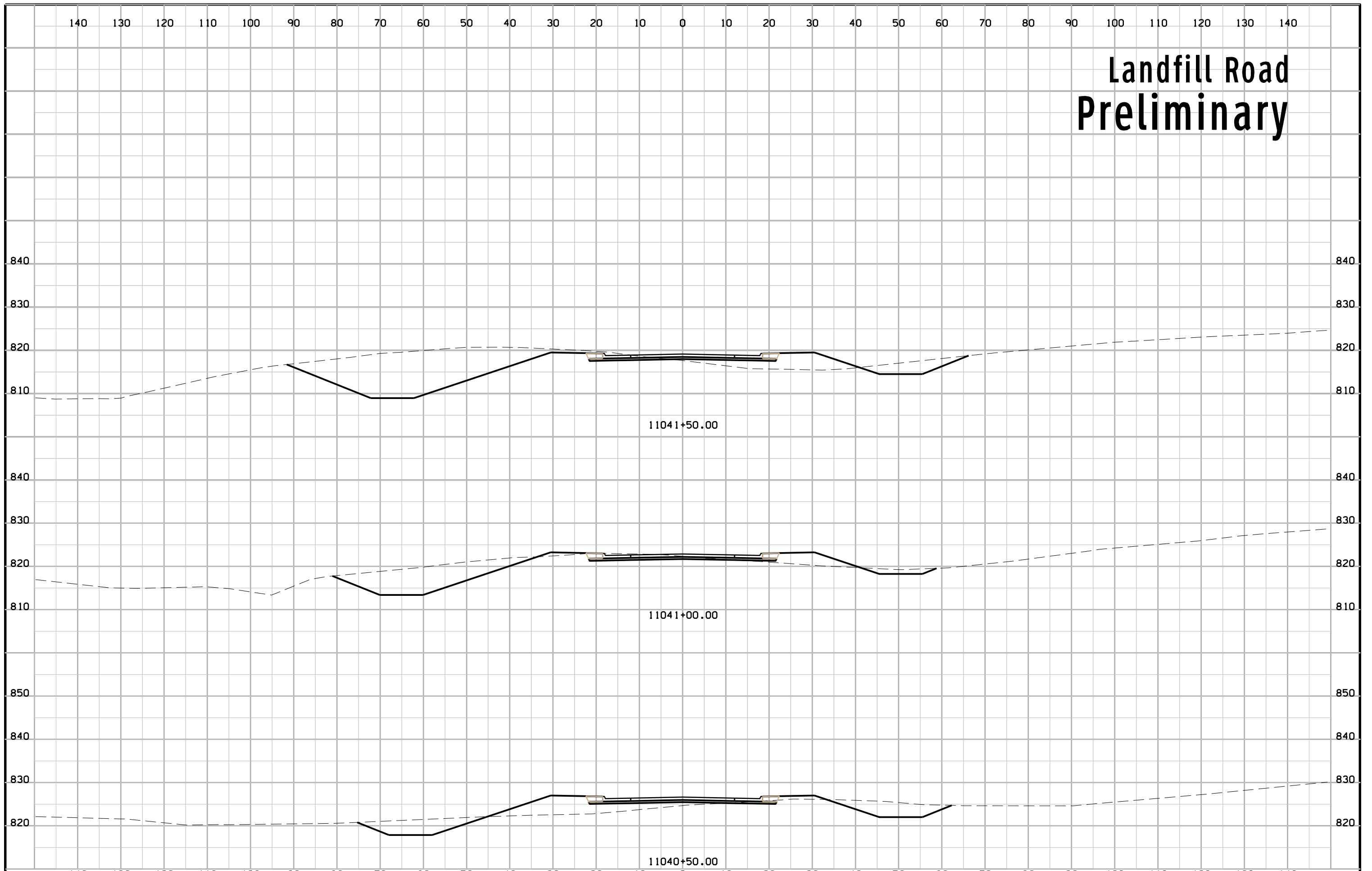
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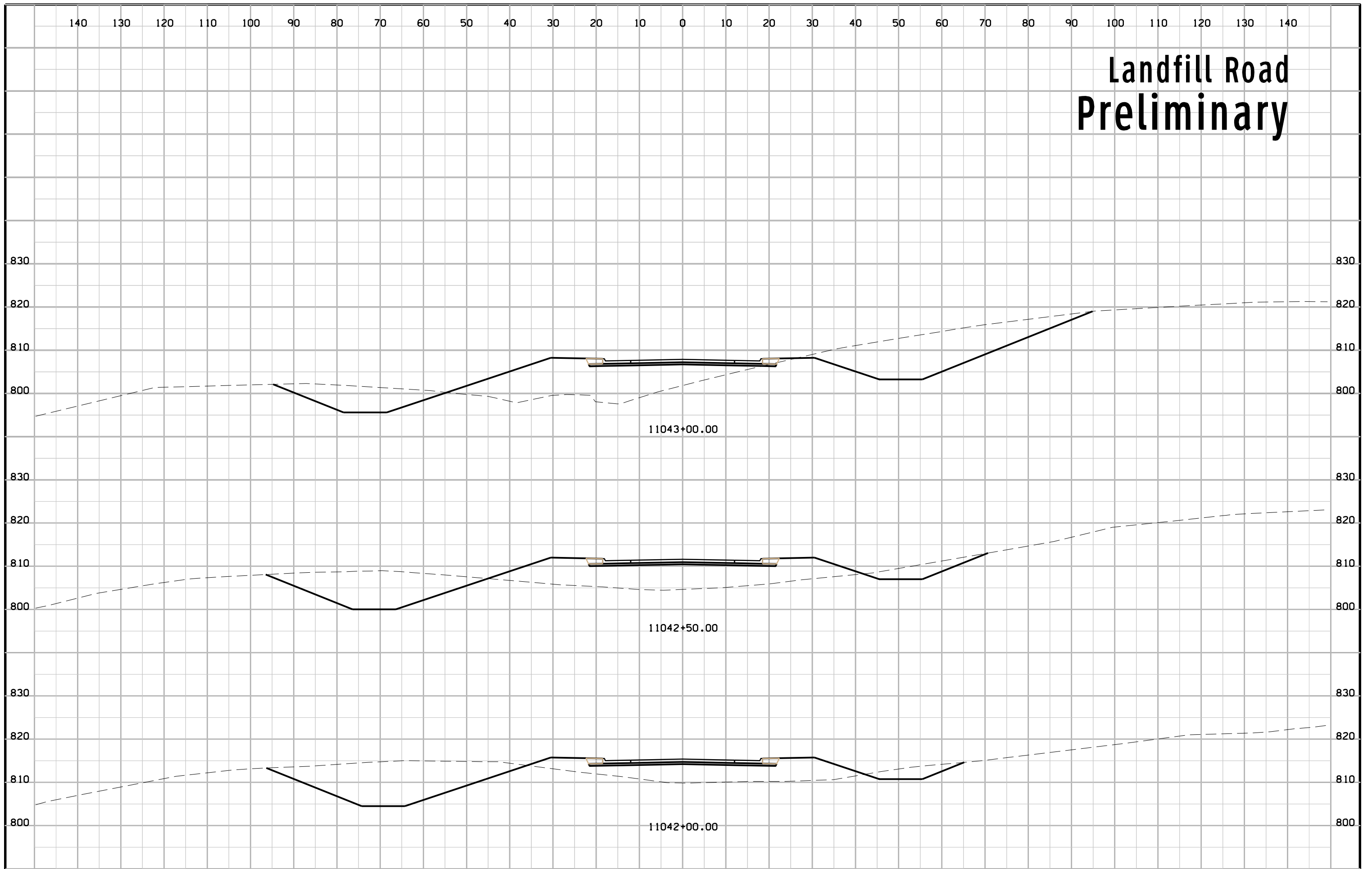
Landfill Road Preliminary



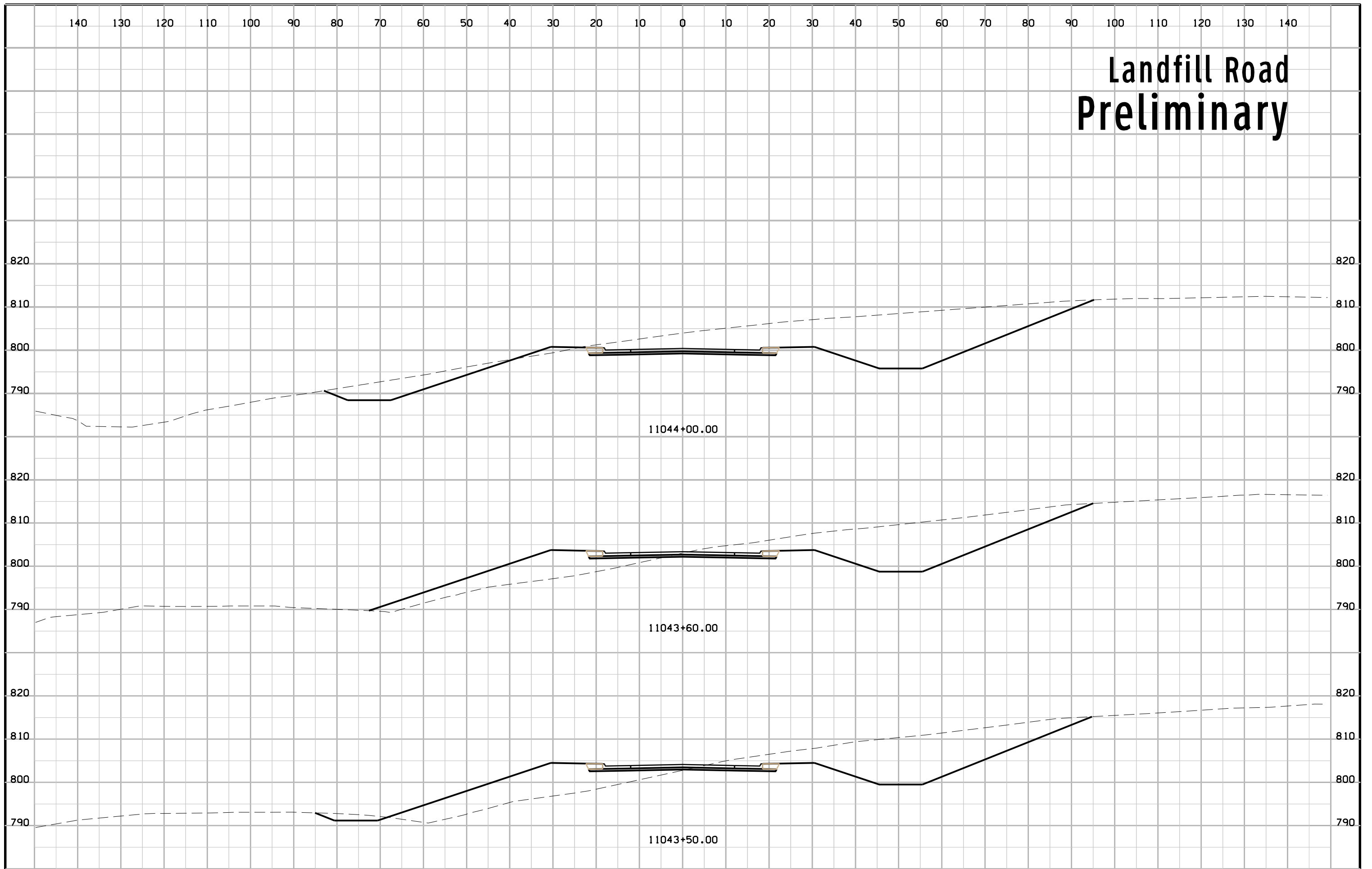
Landfill Road Preliminary



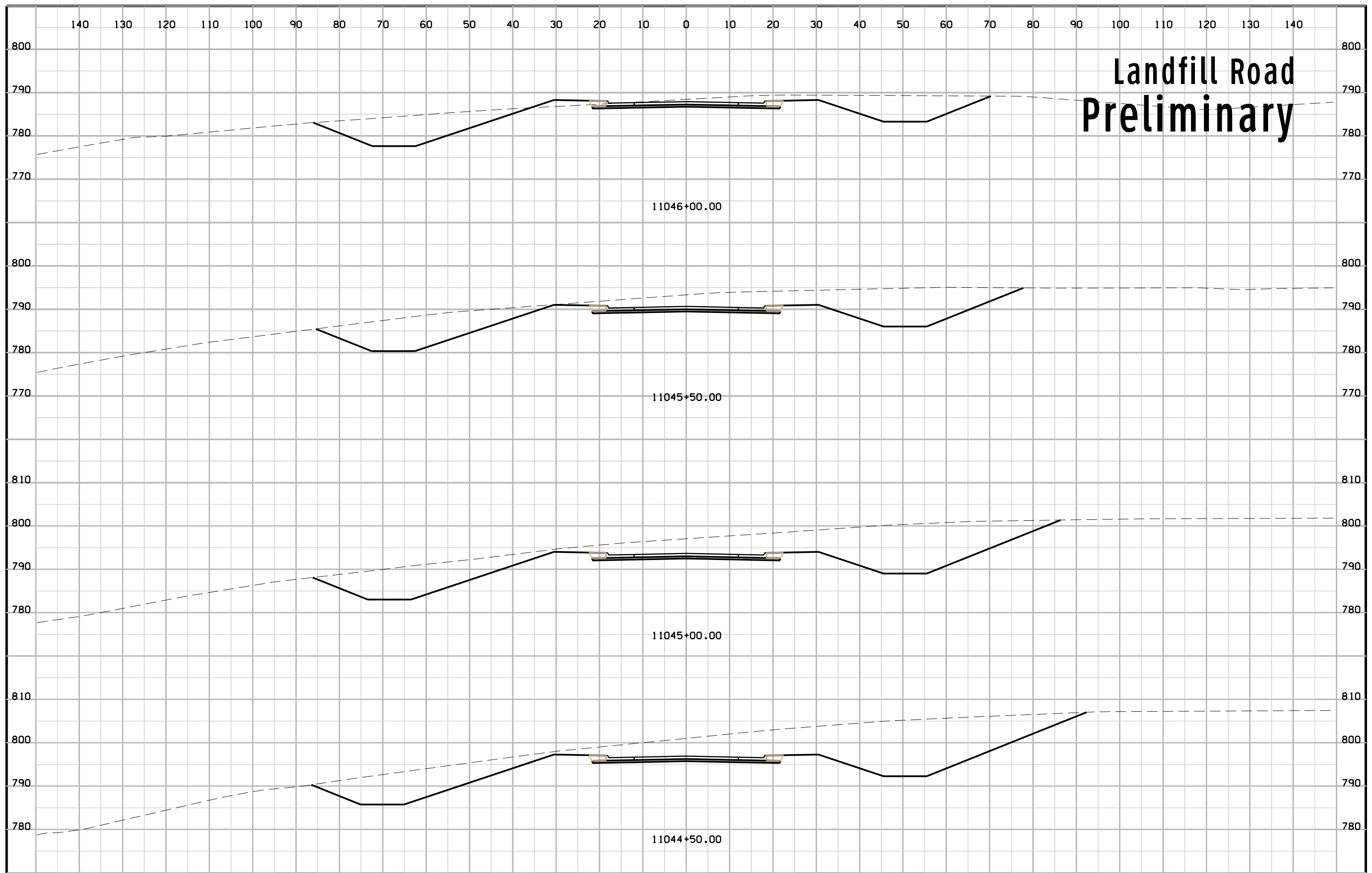
Landfill Road Preliminary



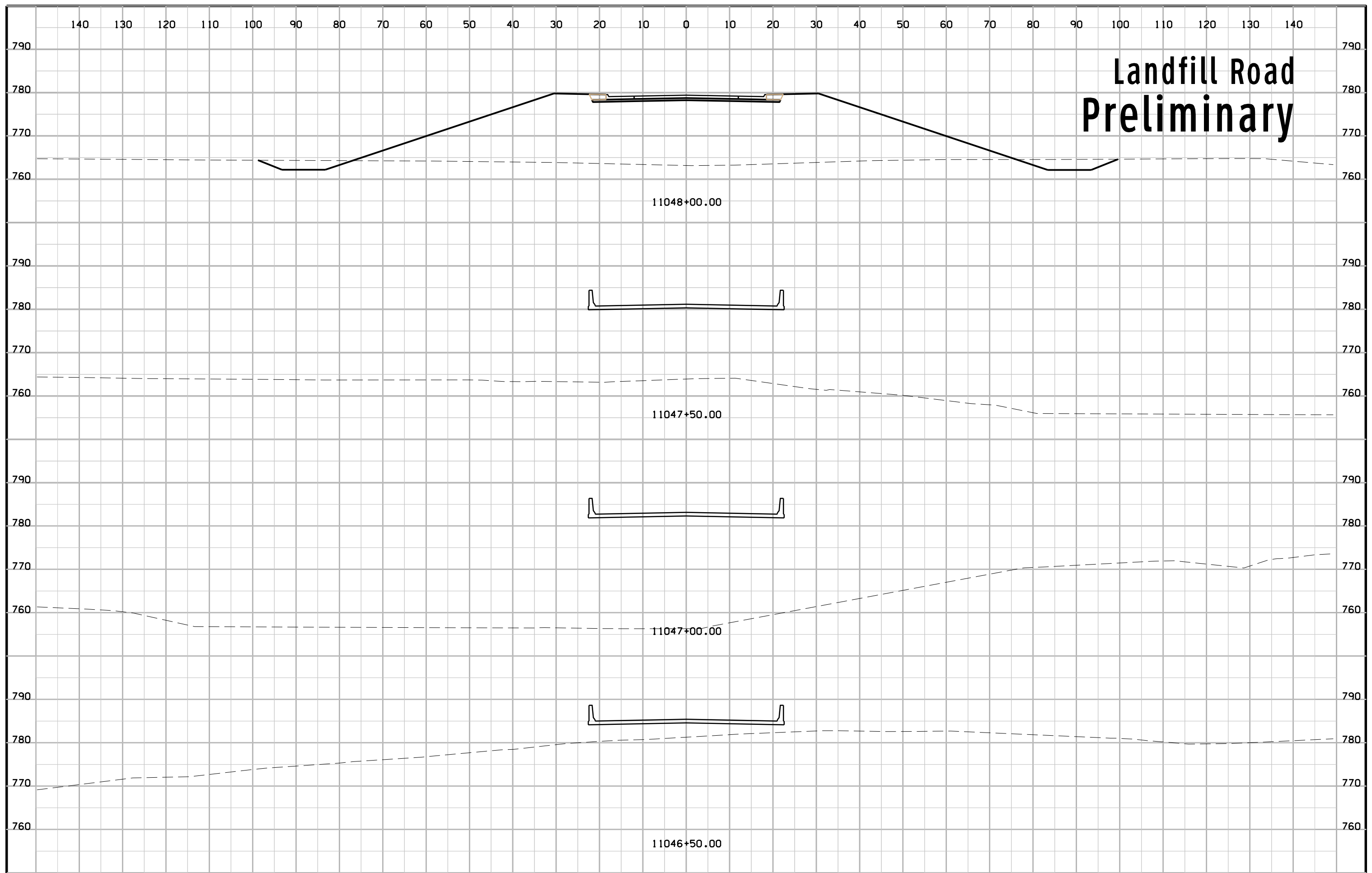
Landfill Road Preliminary



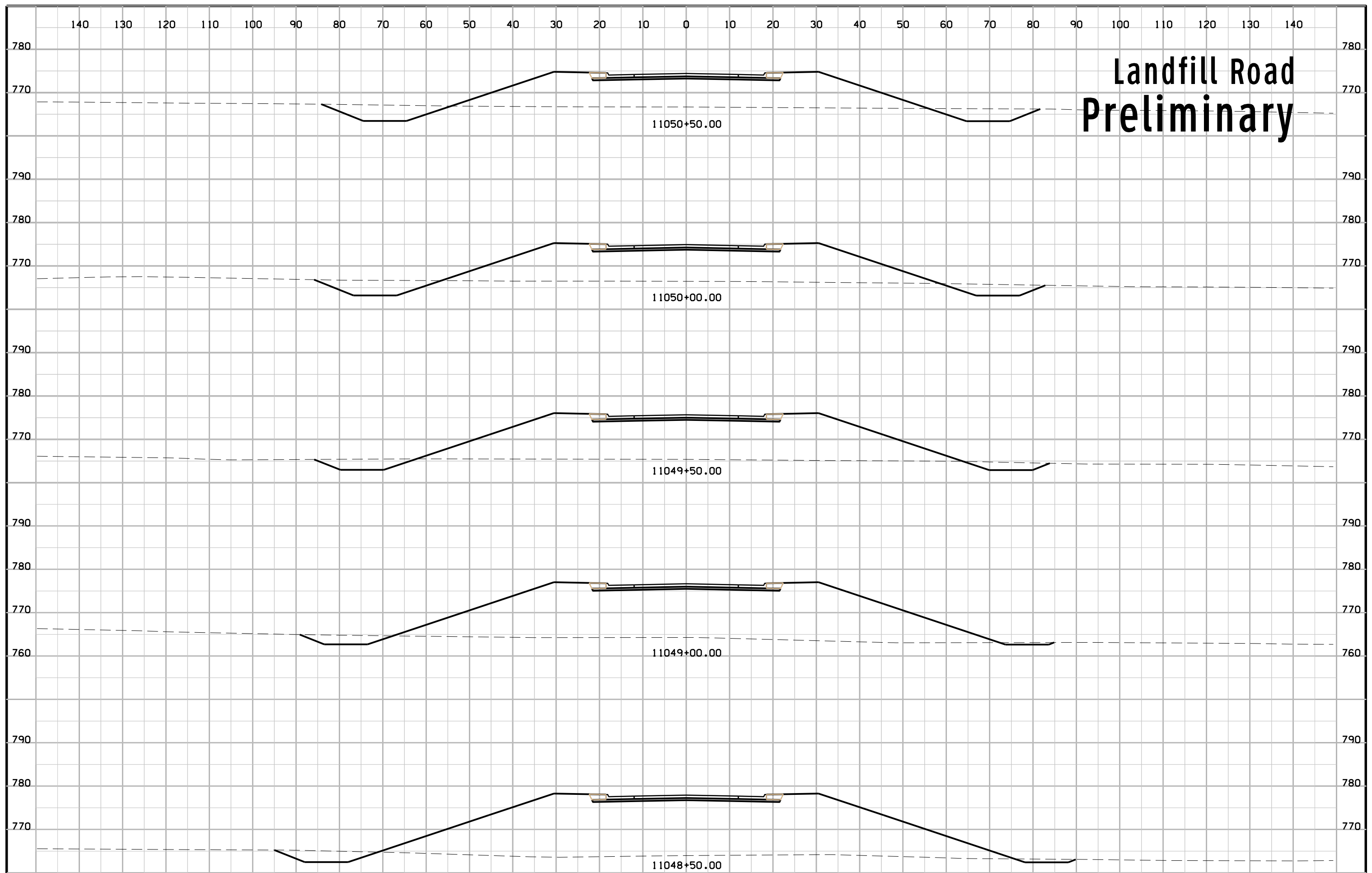
Landfill Road Preliminary



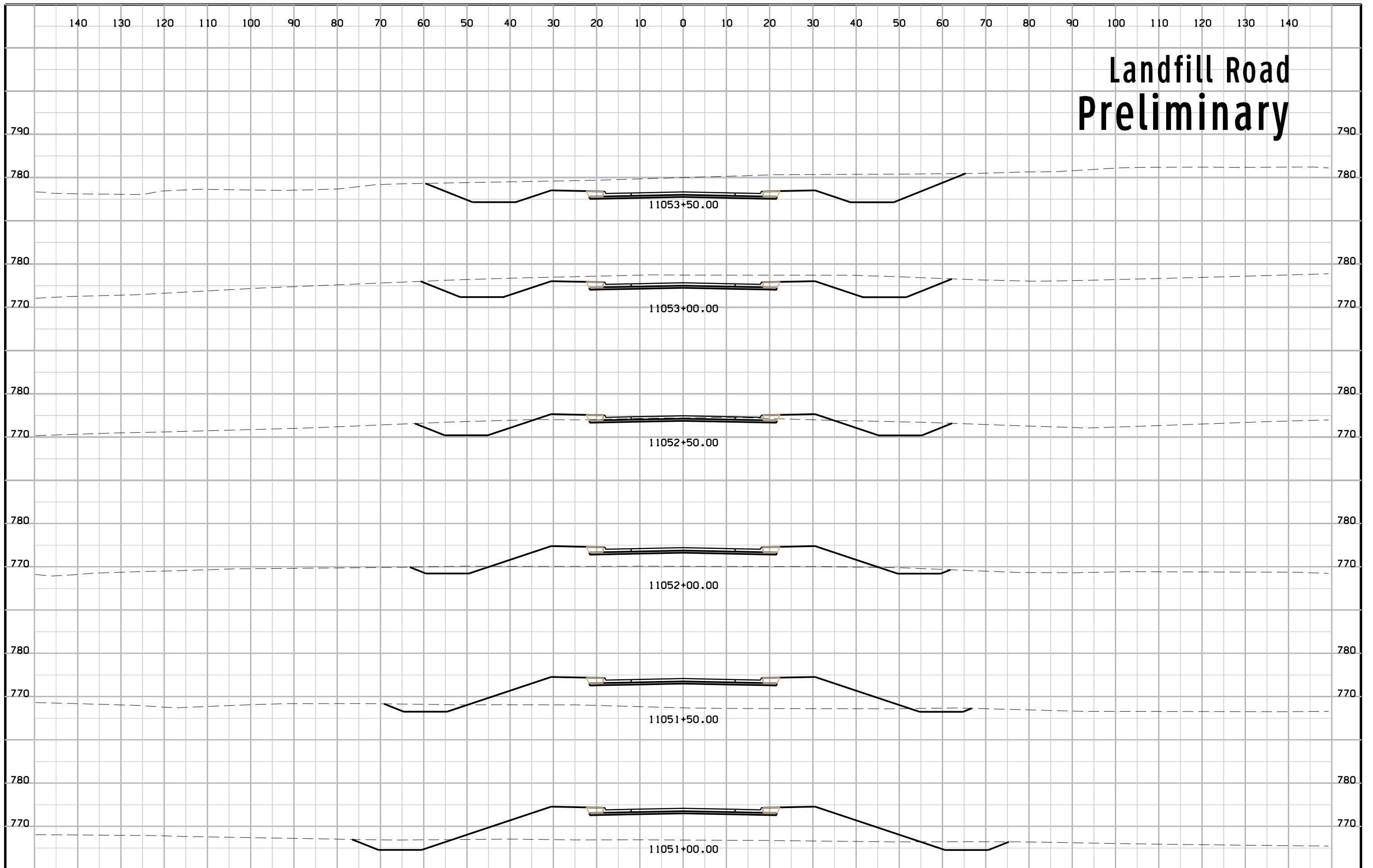
Landfill Road Preliminary



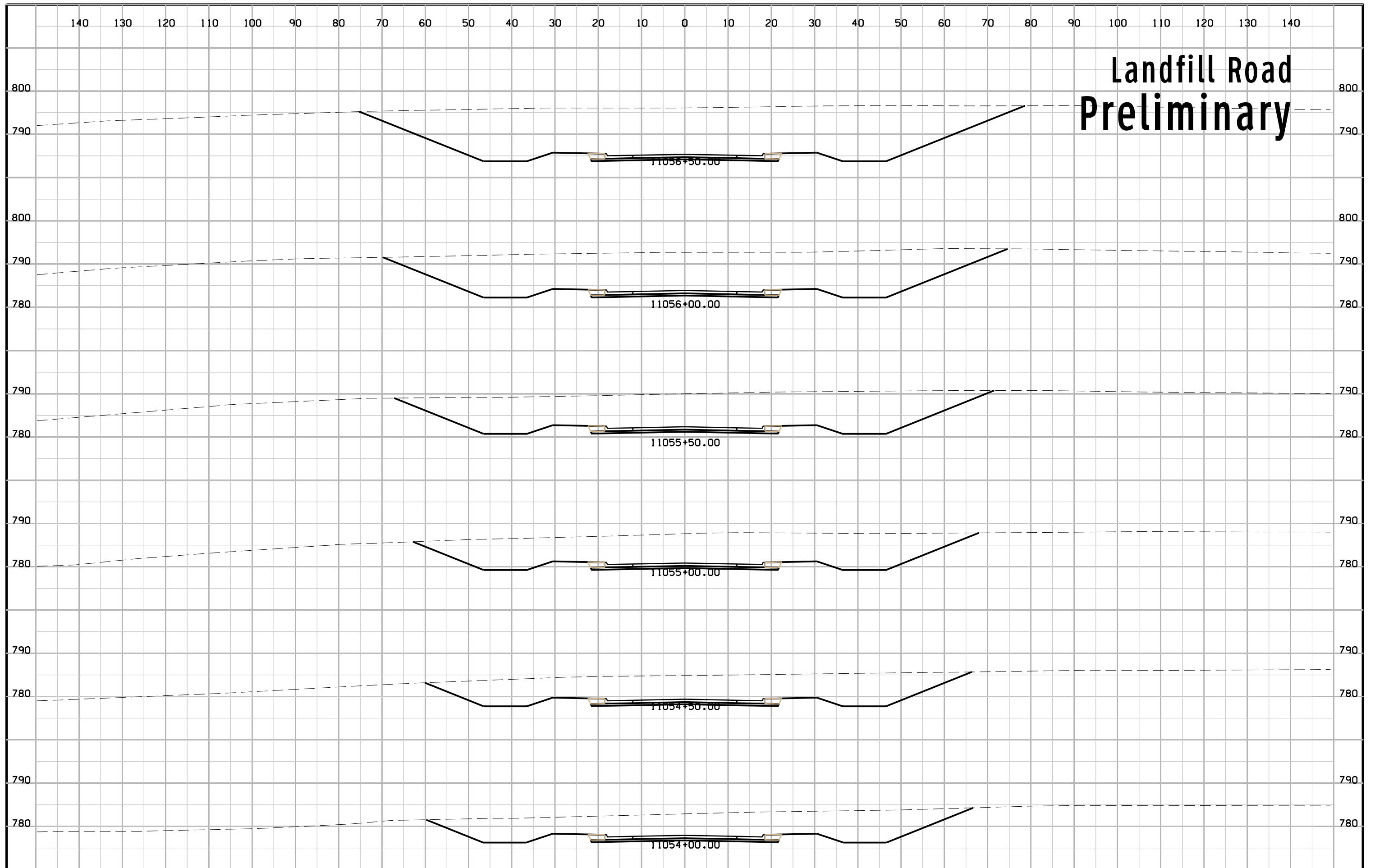
Landfill Road Preliminary



Landfill Road Preliminary



Landfill Road Preliminary



Landfill Road Preliminary

