

LETTING DATE

PAVEMENT - GRADE AND NEW
NHSX-020-9(251)--3H-31

DUBUQUE CO.

INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
A.2	Project Location Map
A.3	Project Key Maps
A.4	Land Ownership Maps
B Sheets	Typical Cross Sections and Details
B.1 - 4	Roadway Typical Sections & Details
C Sheets	Points of Access
C.1	Tabulation of Access Points
D Sheets	Mainline Plan and Profile Sheets
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 4	Mainline Plan & Profile
E Sheets	Side Road Plan and Profile Sheets
* E.1	Side Road Plan & Profile
G Sheets	Survey Sheets
G.1 - 6	Survey Control Reference Ties & Bench Marks
J Sheets	Traffic Control and Staging Scrolls
* J.1	Traffic Control & Staging Notes
* J.2	Traffic Control & Staging Legend Sheets
* J.3 - 4	Staging Plan Sheets
L Sheets	Intersection Geometrics
L.1 - 10	Landfill Road Intersection Geometrics
M Sheets	Storm Sewer Sheets
M.1	Storm Sewer Tabulations
* M.2	Storm Sewer Legend & Symbol Information Sheet
* M.3 - 11	Storm Sewer Plan & Profile Sheets
S Sheets	Sidewalk Sheets
* S.1	Sidewalk Legend & Symbol Information Sheet
* S.2	Seippel Road Sidewlak at Landfill Road
V Sheets	Bridge and Culvert Situation Plans
V.1 - 4	Culvert Pipe Plats
V.5 - 6	Bridge TS&L
W Sheets	Side Road Cross Sections
W.1	Cross Section Legend & Symbol Information Sheet
W.2 - 54	Landfill Road
X Sheets	Special Ditch Sections
X.1	Special Ditch
	* Color Plan Sheets



Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM
DUBUQUE COUNTY

PAVEMENT - GRADE AND NEW
LANDFILL ROAD

From Existing Seippel Road 5800' South on New Alignment

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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

1-800-292-8989
www.iowaonecall.com

REVISIONS

TOTAL

PROJECT IDENTIFICATION NUMBER

90-31-020-060

PROJECT NUMBER

NHSX-020-9(251)--3H-31

R.O.W. PROJECT NUMBER

NHSN-020-9(144)--2R-31

For Project Location Map
Refer to Sheet A.2

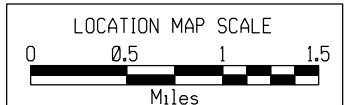
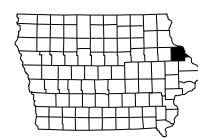
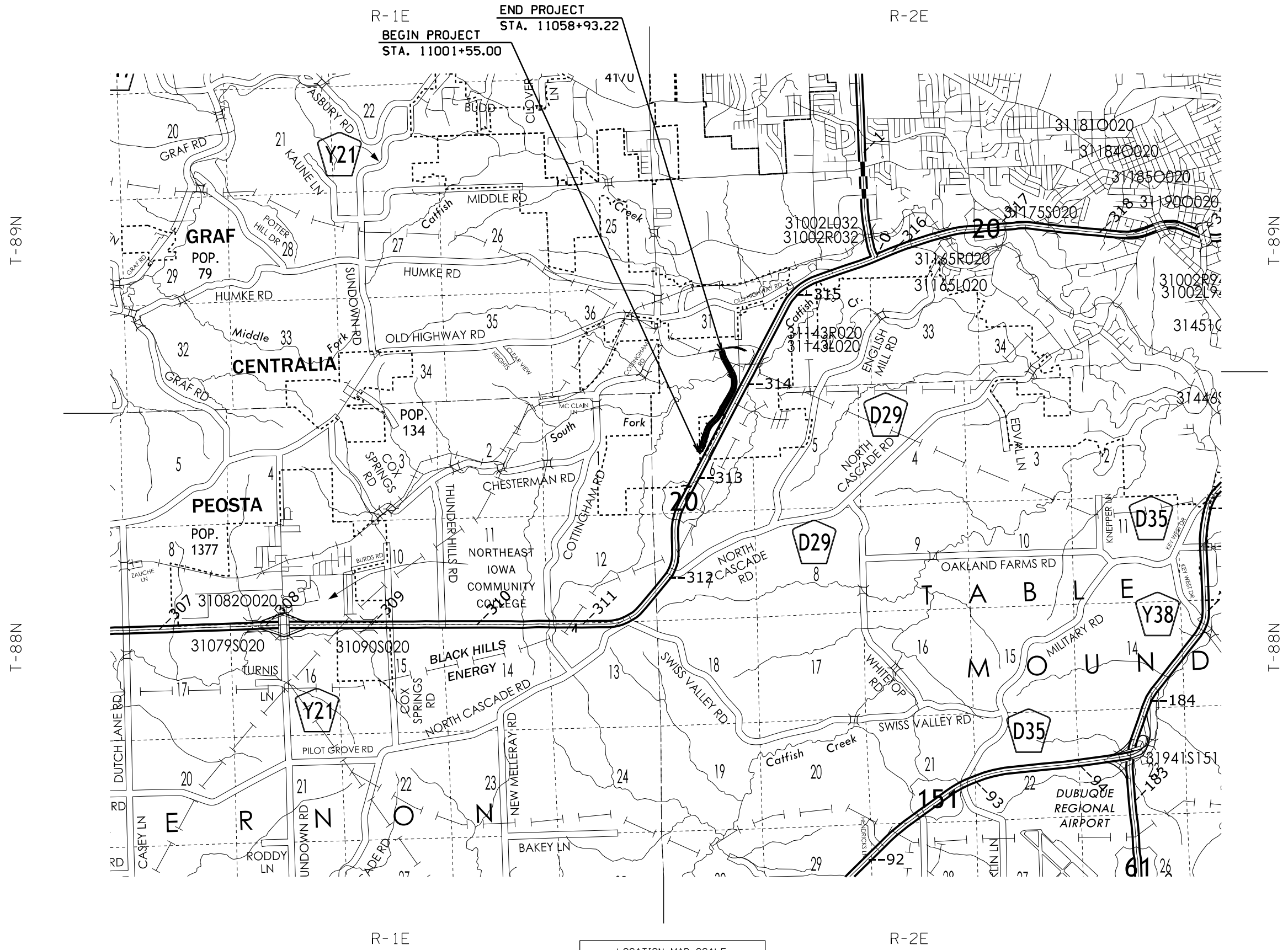
DESIGN DATA URBAN			
2020	AADT	_____ x	V.P.D.
2040	AADT	_____ x	V.P.D.
2040	DHV	_____ x	V.P.H.
	TRUCKS	_____ x	%
	Total		
	Design ESALs	_____ N/A	

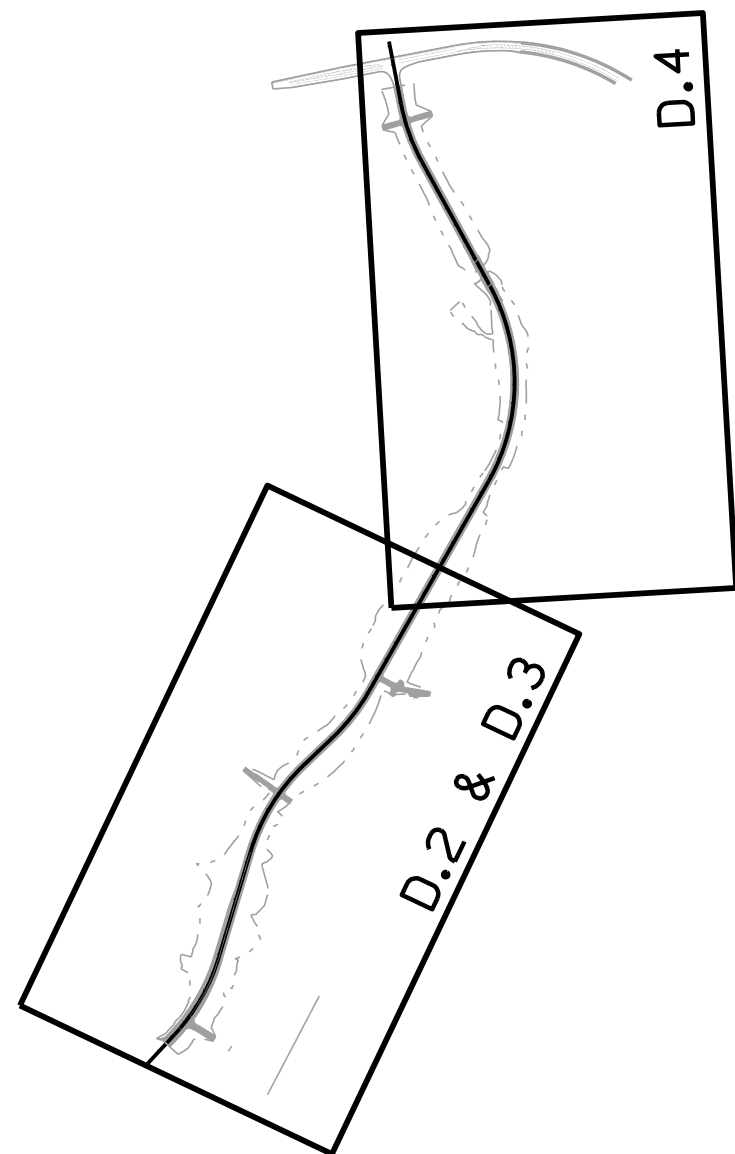
INDEX OF SEALS		
SHEET NO.	NAME	TYPE
A.1	X	Primary Signature Block
X	X	X

PRELIMINARY PLANS

Subject to change by final design.

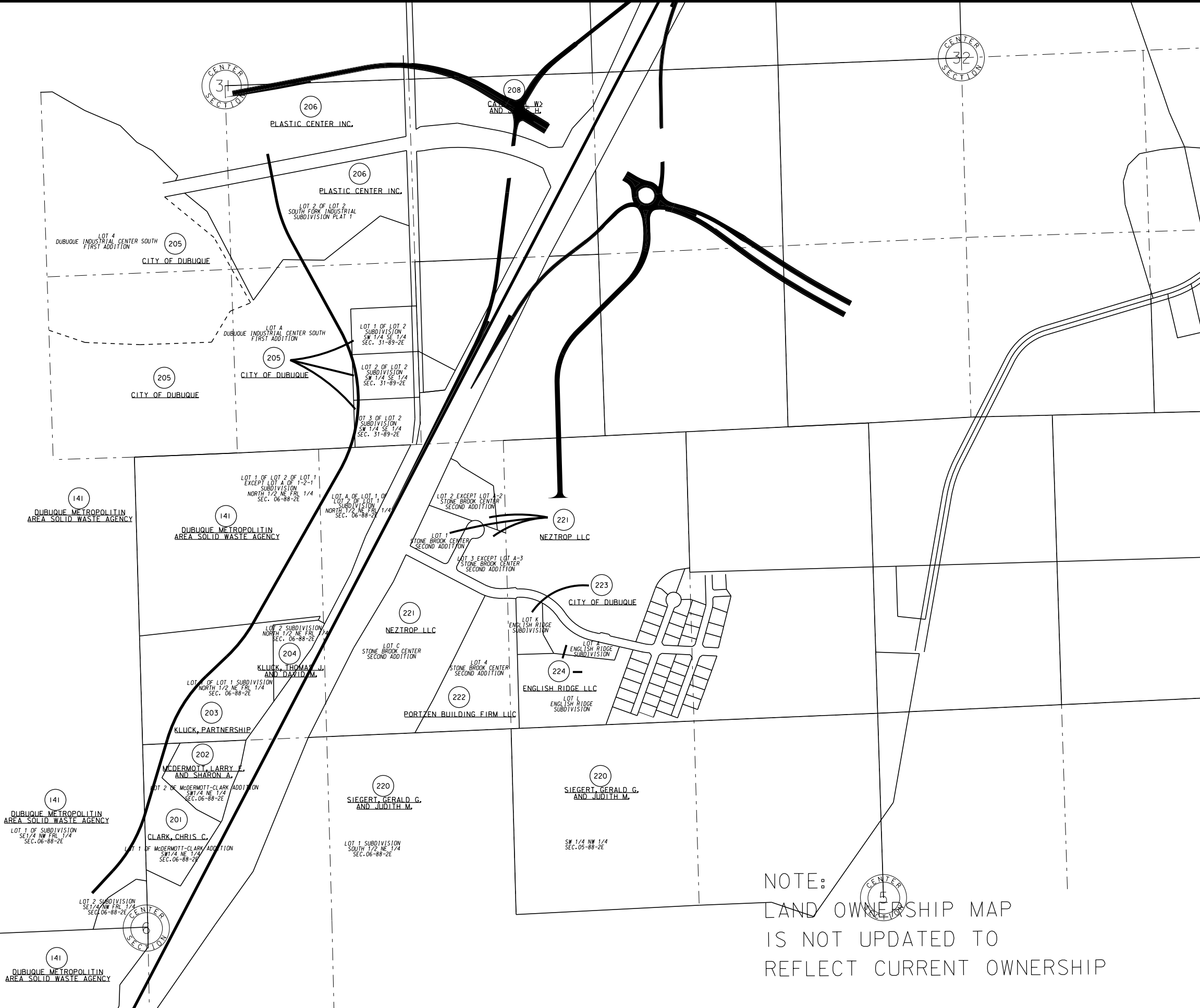
FINAL PLAN SUBMITTAL
Date: March 27, 2018





LANDFILL ROAD

Project Key Maps



NOTE:
 LAND OWNERSHIP MAP
 IS NOT UPDATED TO
 REFLECT CURRENT OWNERSHIP

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 Billboard	
MIS Miscellaneous	
FLG Flagpole	
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: MADUOKETA VALLEY ELECTIC COOPERATIVE P.O. BOX 370 ANAMOSA, IOWA 52205 ATTN: JAMES LAUZON OFFICE 319-462-3541 jlauzon@mevc.com	---E---
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 GLENVILLE DRIVE RICHARDSON, TX ATTN: DEAN BOYERS OFFICE 927-729-6322 dean.boyers@verizon	-FO-
IOWA COMMUNICATIONS NETWORK 400 EAST 1ST STREET DES MOINES, IOWA 50319 ATTN: LARRY KLAWITTER OFFICE 515-725-4741 larry.klawitter@iowa.gov	-FO-2-
QWEST COMMUNICATIONS 1600 JOHN F. KENNEDY ROAD DUBUQUE, IOWA 52002 ATTN: CHRIS LOTSPEICH OFFICE 563-588-6831	-FO-3-
GAS: AQUILLA, INC. 1015 CEDAR CROSS ROAD DUBUQUE, IOWA 52003 ATTN: LAURA ROUSSELL OFFICE 563-583-0415 FAX 563-583-0850	-G-
THREE RIVERS FS COMPANY (PROPANE) 14775 NORTH CASCADE ROAD DUBUQUE, IOWA 52003 ATTN: DON ALBRECHT OFFICE 563-588-1250	-G2-
GAS (HIGH PRESSURE): NORTHERN NATURAL GAS COMPANY, 5557 COUNTY ROAD D PLATTEVILLE, WISCONSIN 53818 ATTN: MIKE GLEAVES ATTN: LENNY KLAAS OFFICE	-G-HP-
SEWER (SANITARY AND STORM): SANITARY SEWER (PRIVATE) STORM SEWER (STATE OF IOWA)	-San-
TELEPHONE: QWEST COMMUNICATIONS 1600 JOHN F. KENNEDY ROAD DUBUQUE, IOWA 52002 ATTN: CHRIS LOTSPEICH OFFICE 563-588-6831	-T-
TELEVISION: MEDIACOM COMMUNICATIONS 207 WEST PEARL STREET DECORAH, IOWA 52101 ATTN: BOB FRAZOR OFFICE 563-387-6119 bfrazier@mediacomcc.com	-TV-
WATER: WATER LINE (PRIVATE)	-W-

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.	
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.		
Yellow	(4)	Highlight for Critical Notes or Features
Red	(3)	Delineates Restricted Areas
Lavender	(9)	Temporary Pavement 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.	
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
	High Tension 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
	Access Control
	Property Line

Proposed Borrow Elements	
	Acquisition Outline
	Conceptual Outline

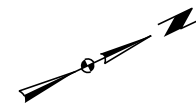
PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

(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
Install 30" x 144' DR-601
F.L. = Lt. 885.74
Rt. 893.95



Sta. 11001+55.00
BEGIN CONSTRUCTION

Curve Data
 $\Delta = 26^\circ 10' 12.17''$ (LT)
T = 241.73
L = 475.02
R = 1,040.00
E = 27.72

Curve Data
 $\Delta = 16^\circ 48' 28.48''$ (LT)
T = 153.65
L = 305.09
R = 1,040.00
E = 11.29

Curve Data
 $\Delta = 29^\circ 44' 17.08''$ (RT)
T = 276.93
L = 541.36
R = 1,040.00
E = 36.24

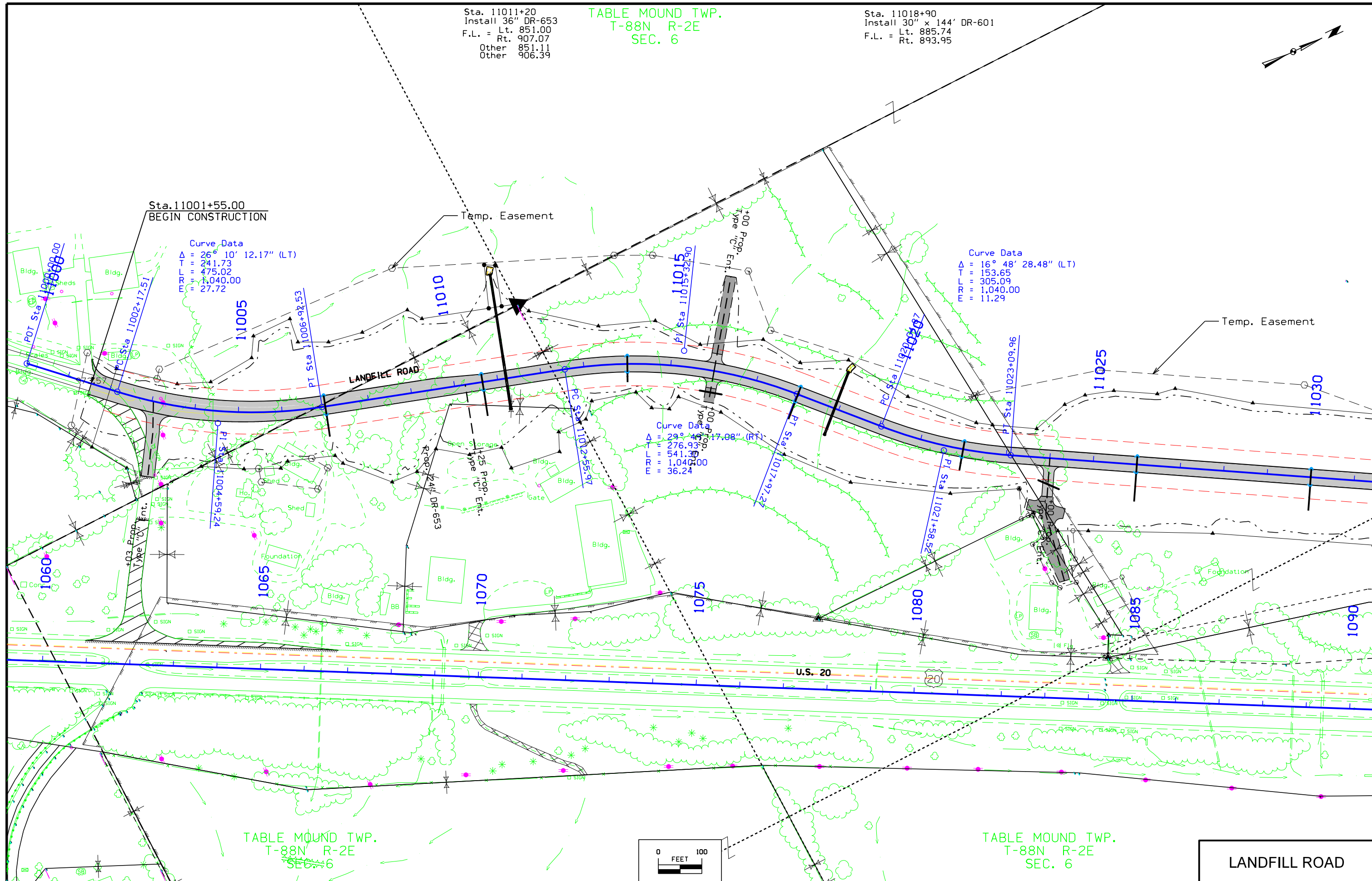
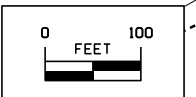
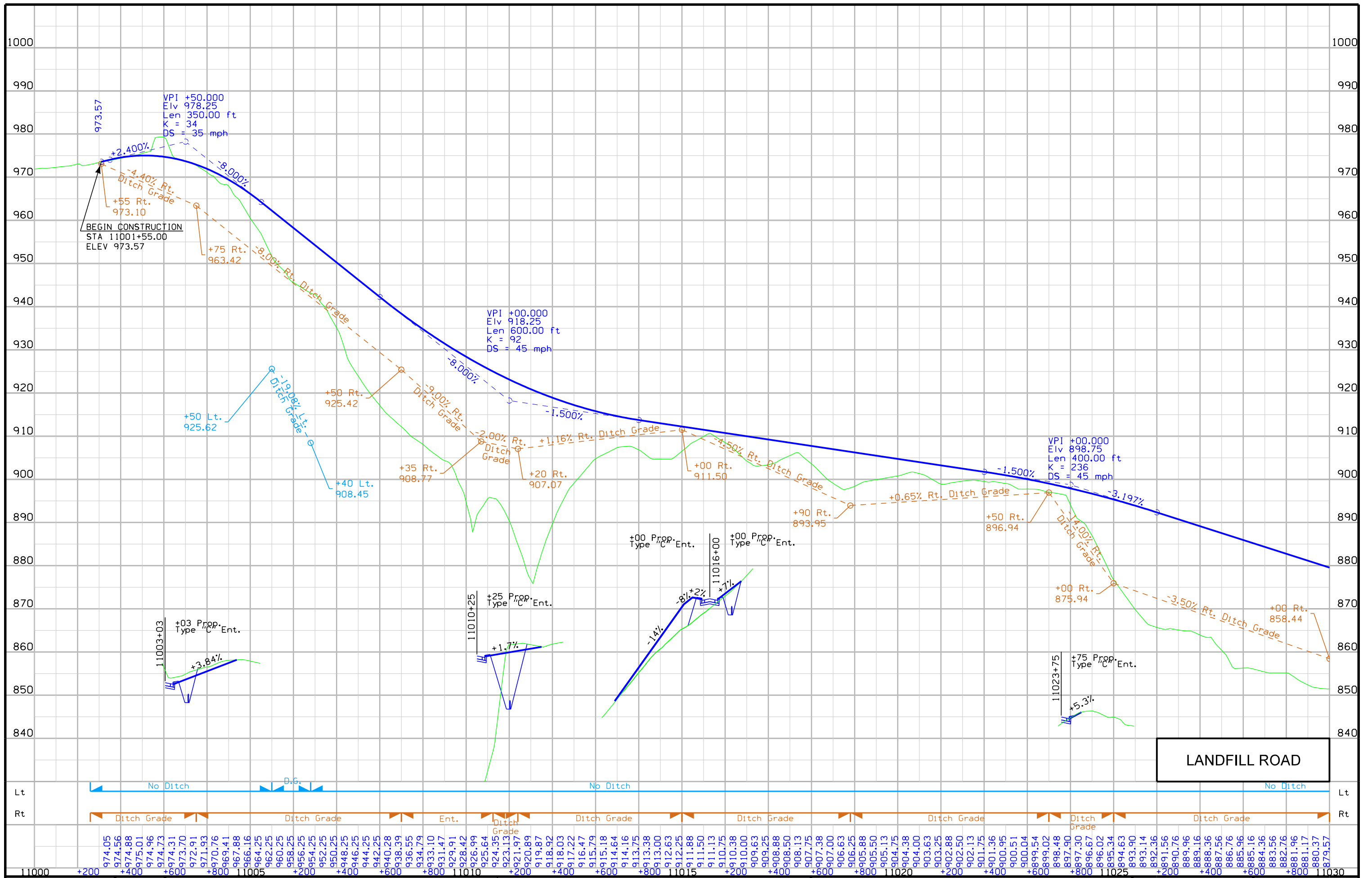


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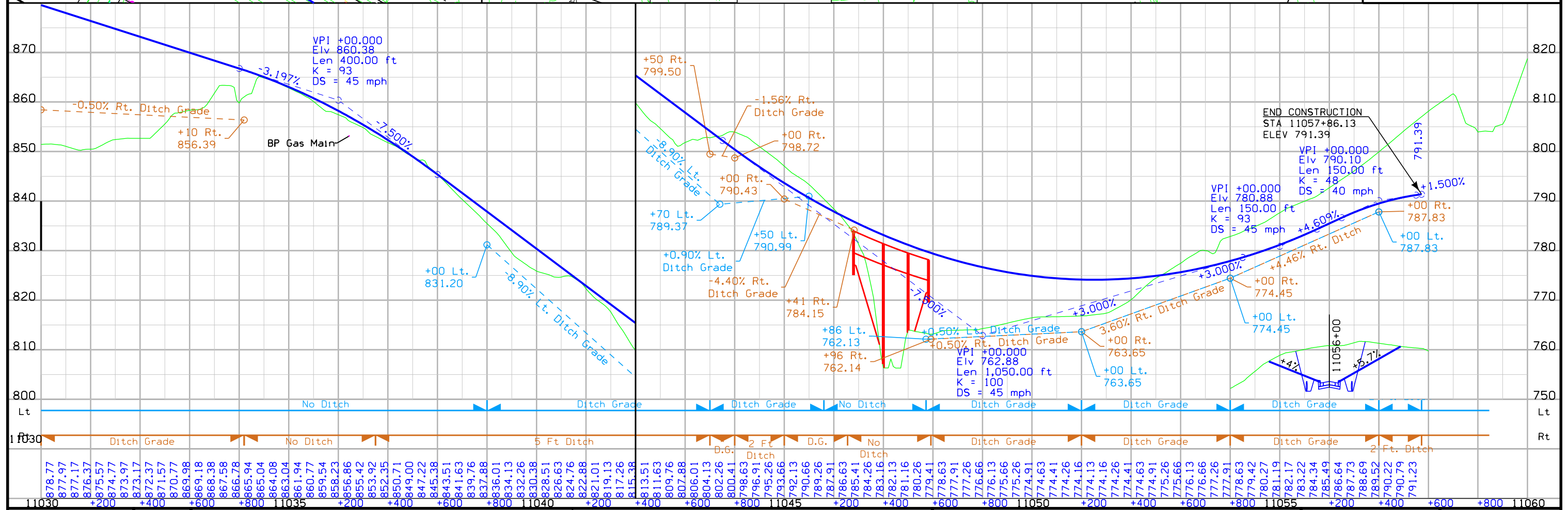
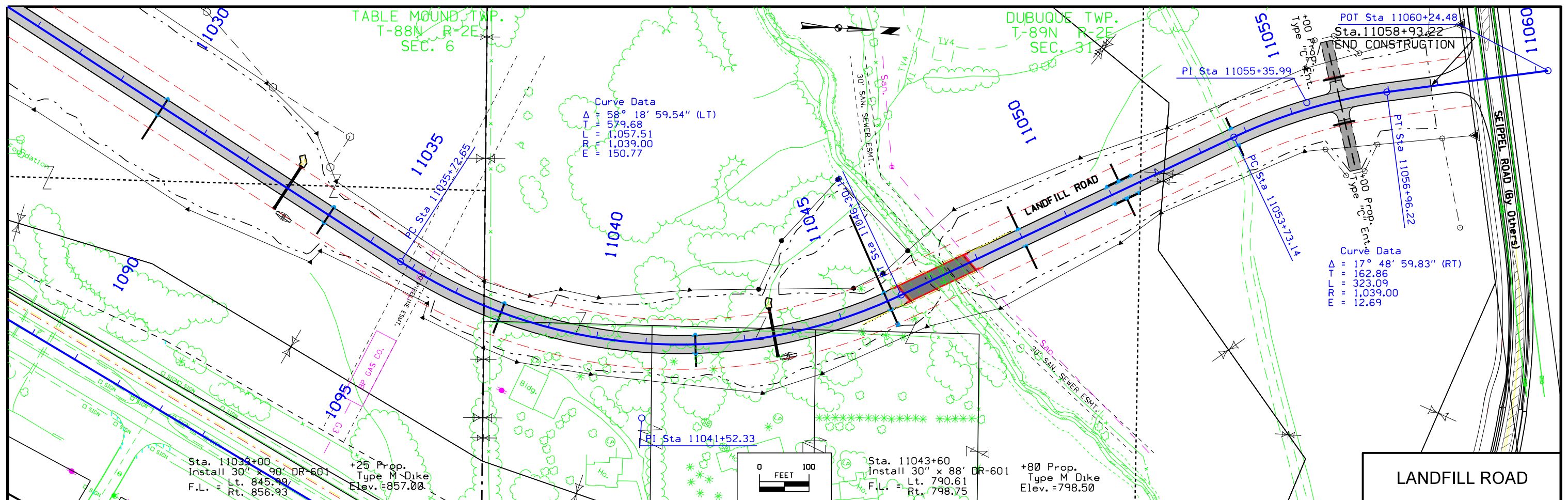
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SEC. 6

LANDFILL ROAD



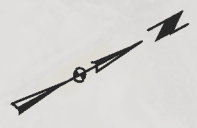


LANDFILL ROAD



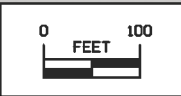
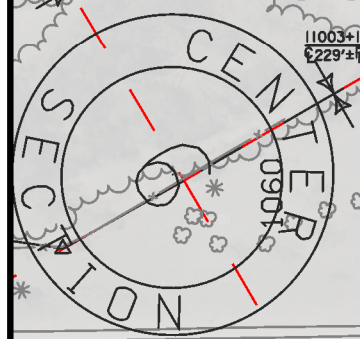
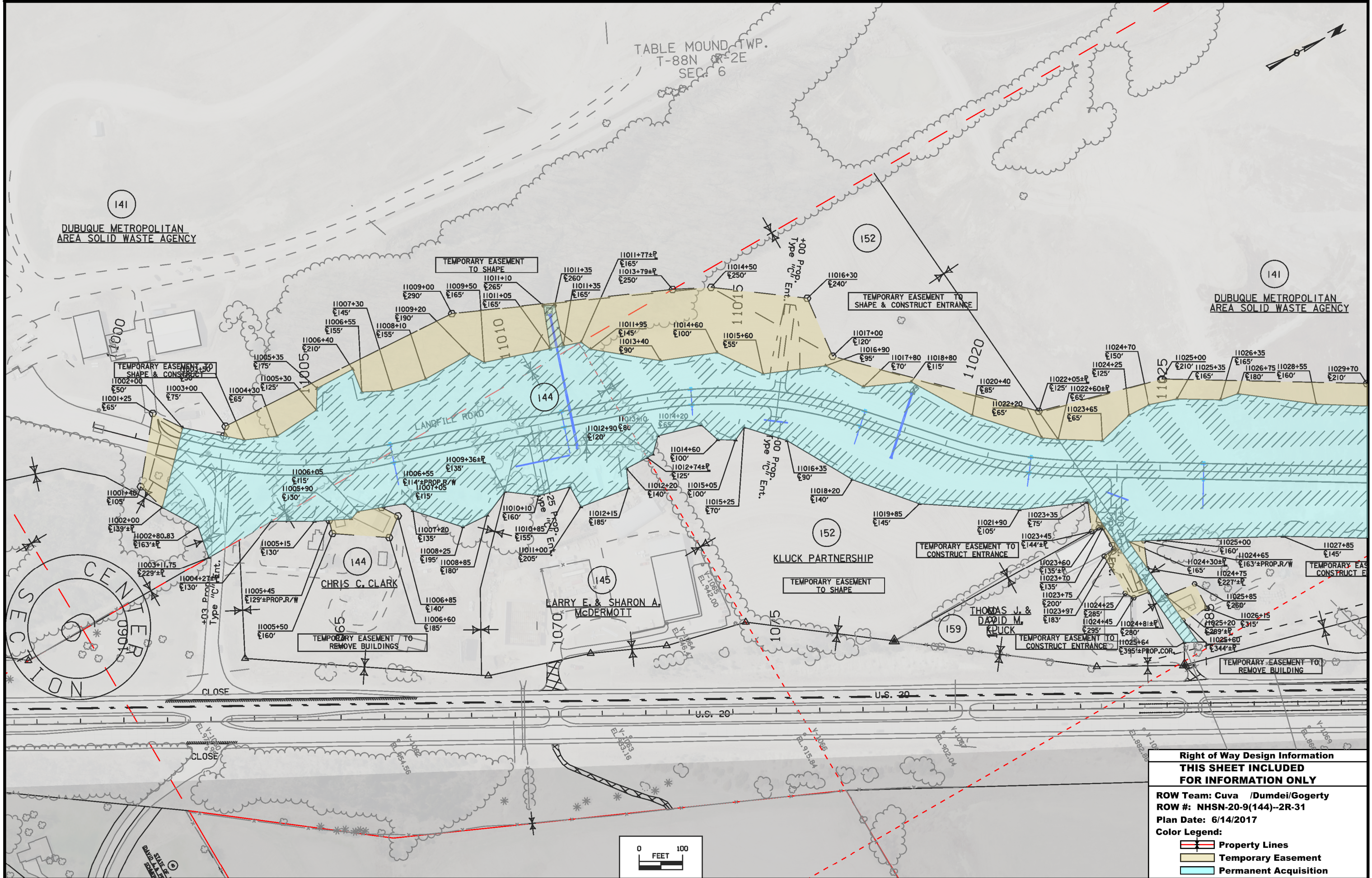
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SEC. 6

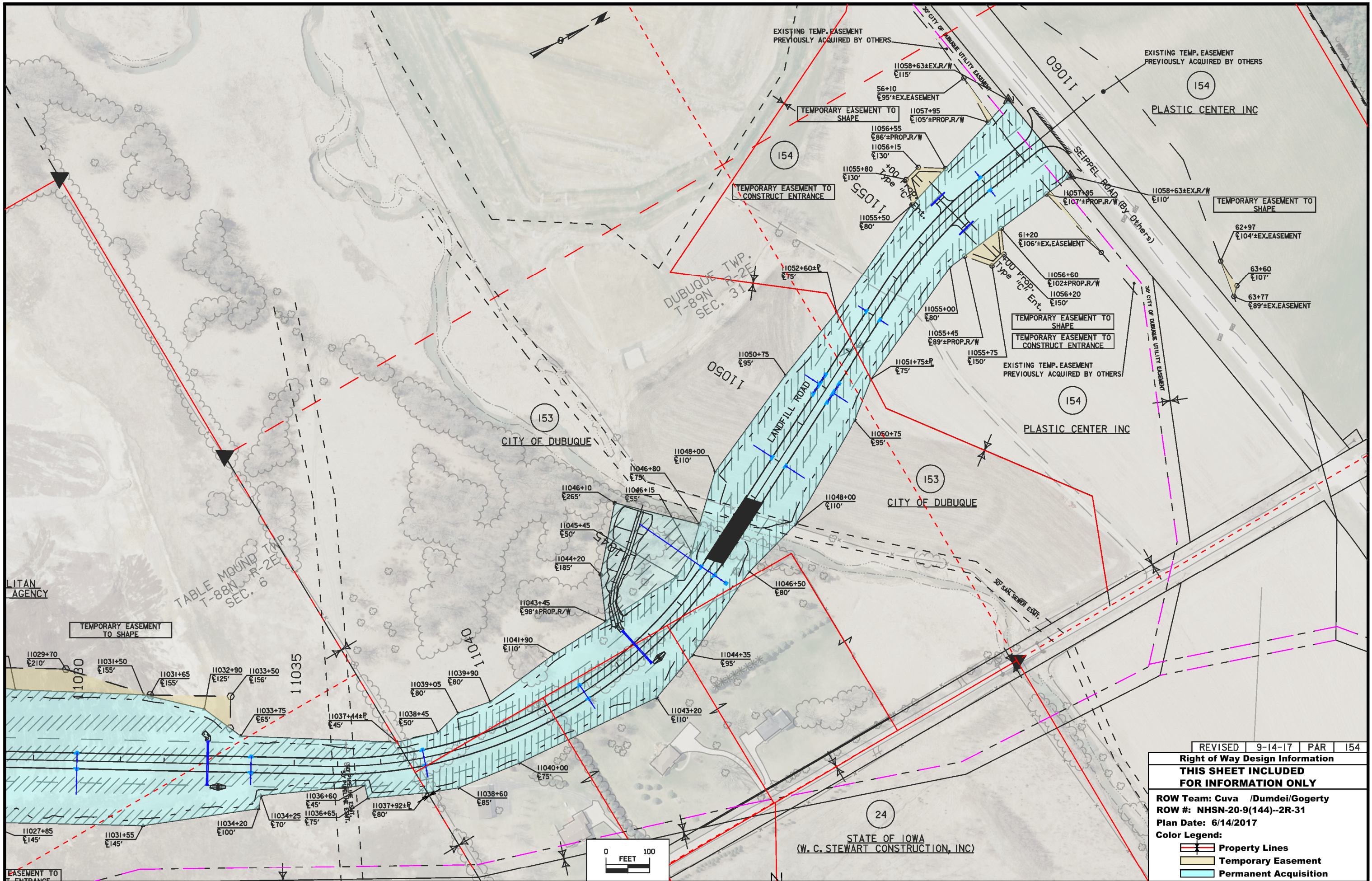


141
DUBUQUE METROPOLITAN
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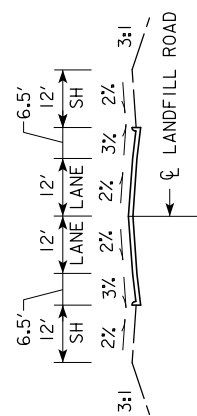
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DUBUQUE METROPOLITAN
AREA SOLID WASTE AGENCY



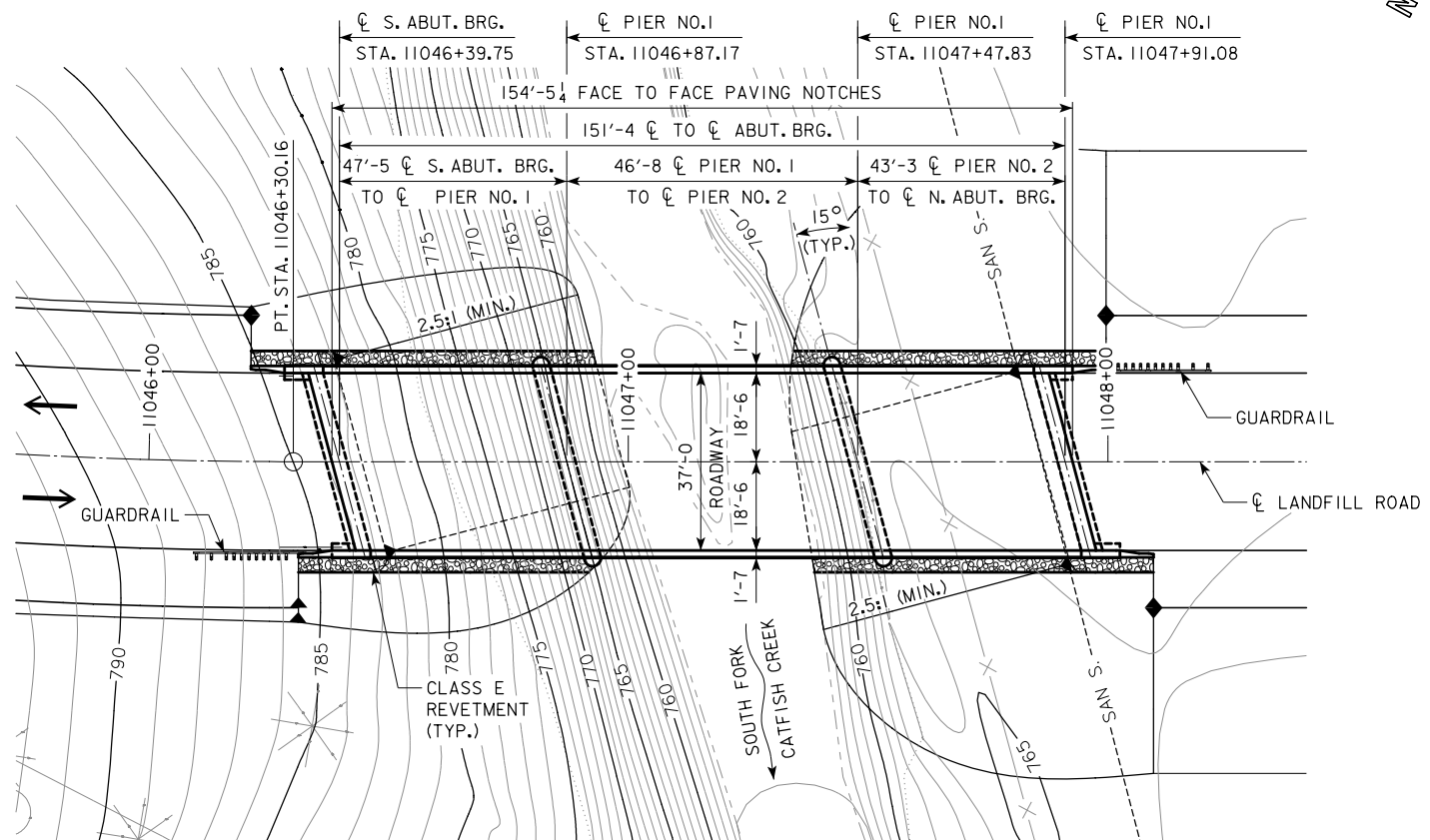
Right of Way Design Information	
THIS SHEET INCLUDED FOR INFORMATION ONLY	
ROW Team: Cuva /Dumdei/Gogerty	
ROW #: NHSN-20-9(144)--2R-31	
Plan Date: 6/14/2017	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition



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. ____

LINE STYLE LEGEND OF CROSS SECTION SHEETS (ROAD)

- Proposed Finished Grade of Adjacent Template
- - - - - Existing Ground Line
- Proposed Template
- Proposed Topsoil Placement
- - - - - Additional Topsoil Removal
- Subgrade Treatment
- - - - - Granular Shoulder
- Pavement
- - - - - Existing Pipe\RCB
- Proposed Pipe\RCB
- Proposed Dike
- All Elements Associated with Proposed Entrances

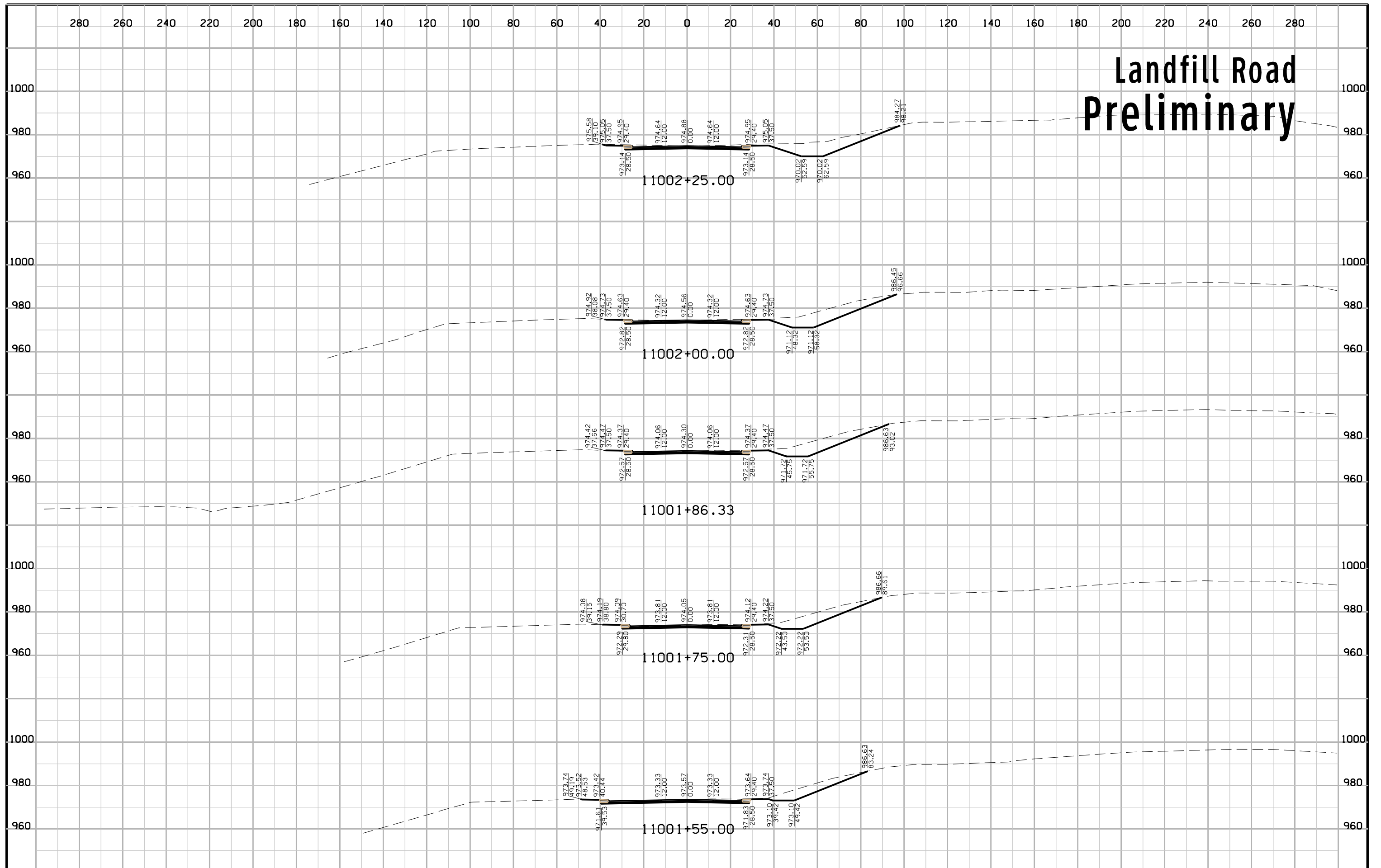
SYMBOL LEGEND OF CROSS SECTION SHEETS

- Existing ROW
|
: : : Existing Right-of-Way Limit
- Proposed ROW
|
: : : Proposed Right-of-Way Limit
- Temporary ROW
|
: : : Temporary Right-of-Way Limit

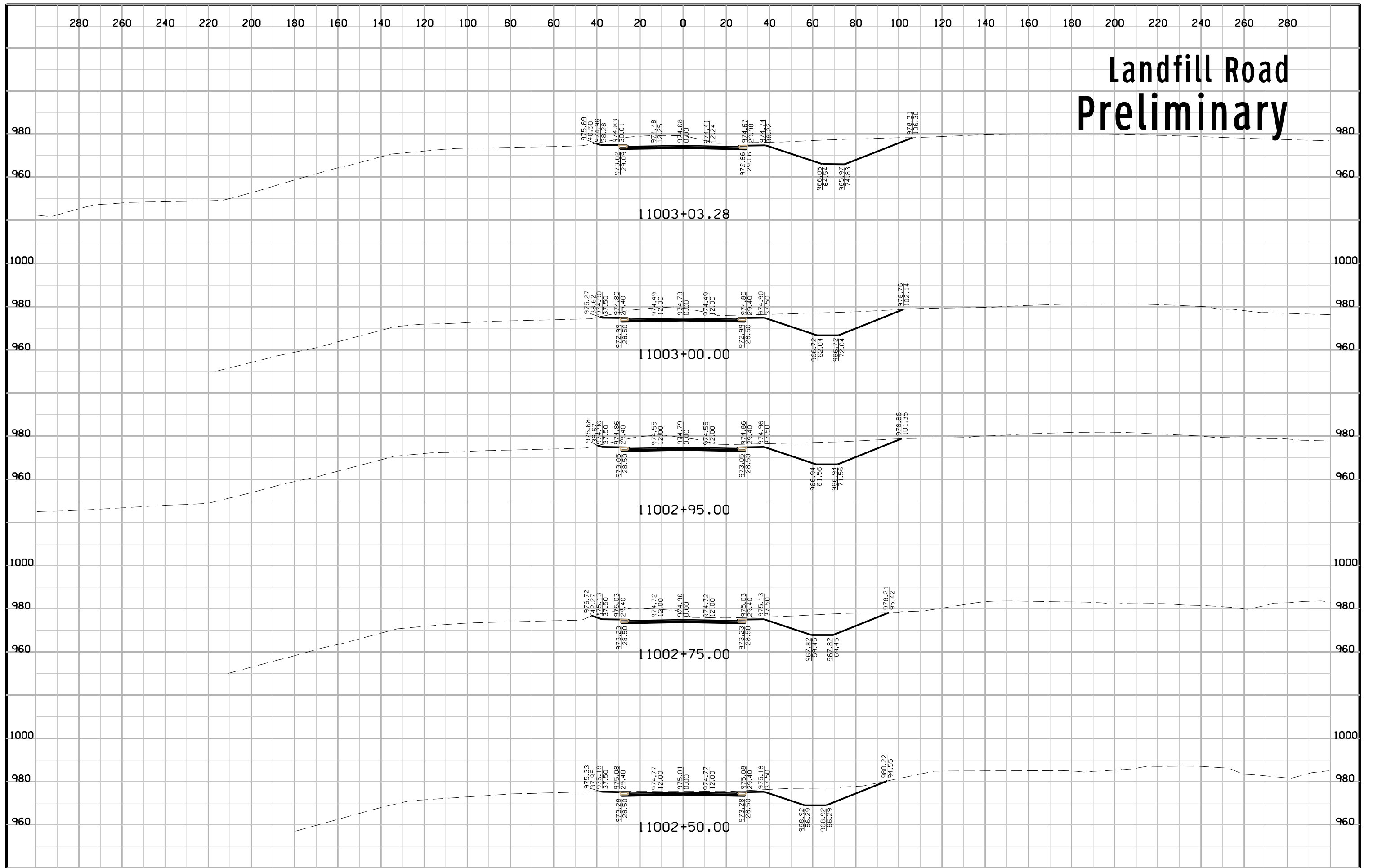
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LEGEND AND SYMBOL
INFORMATION SHEET**

(COVERS SHEET SERIES W, X, Y, & Z)

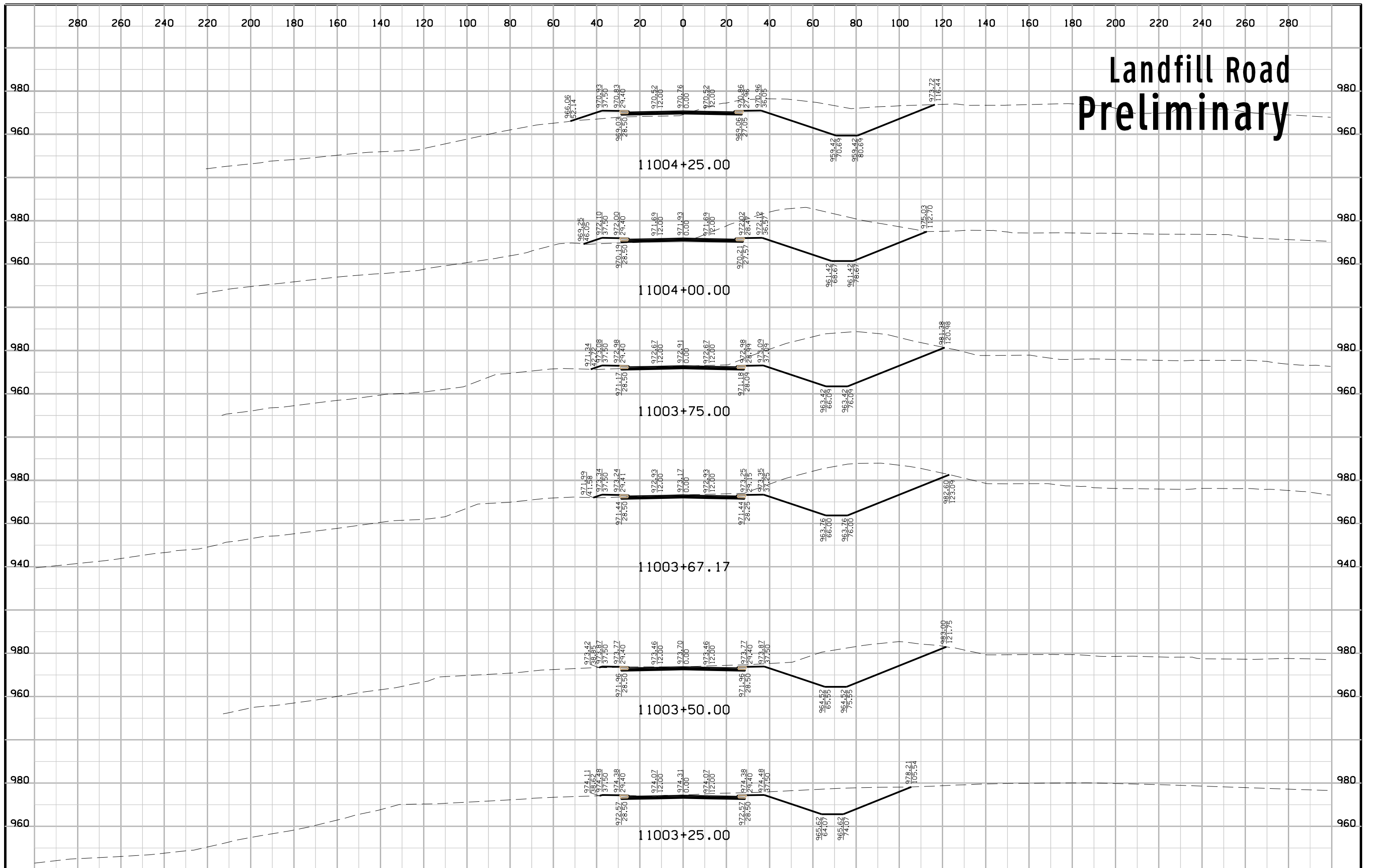
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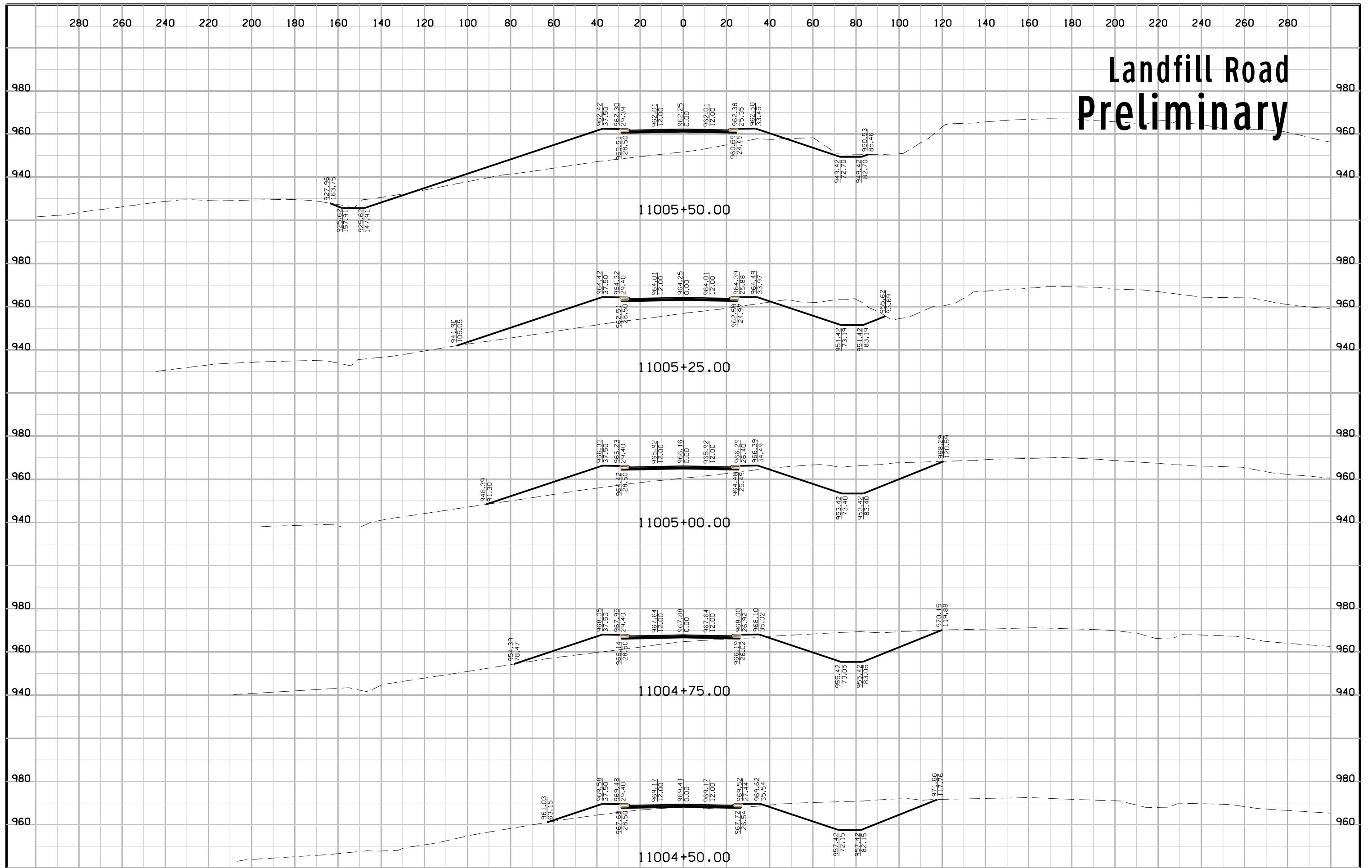
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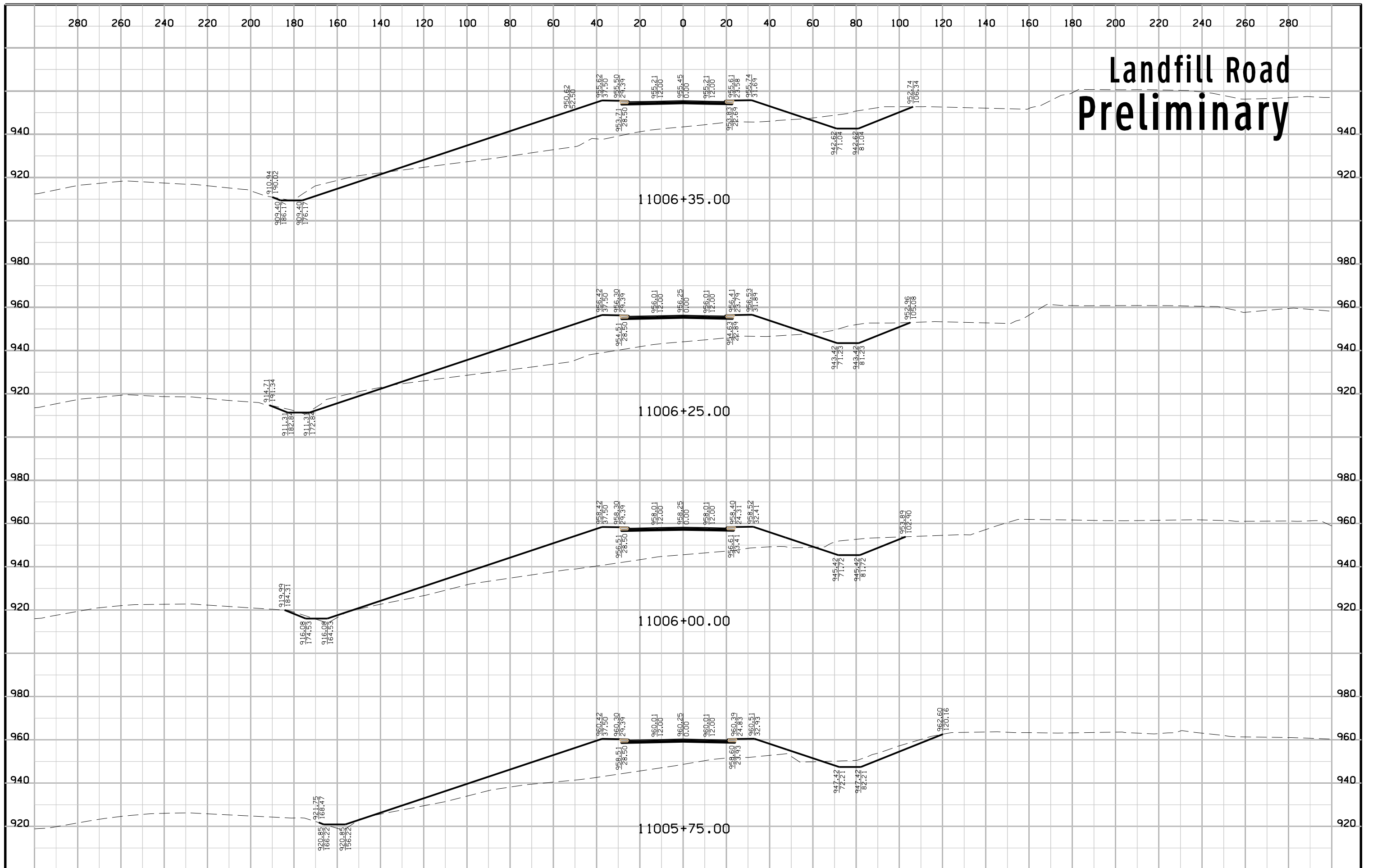
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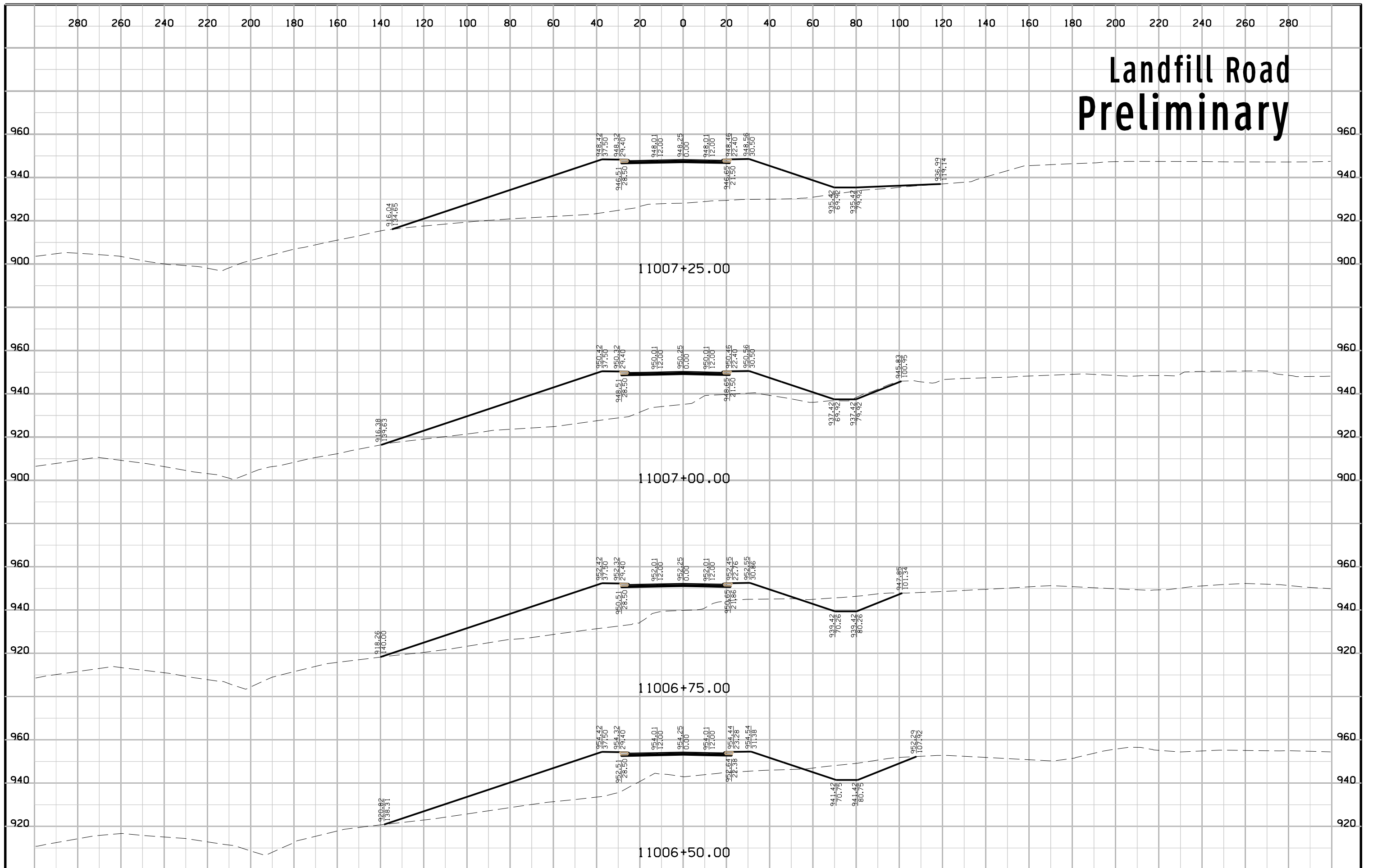
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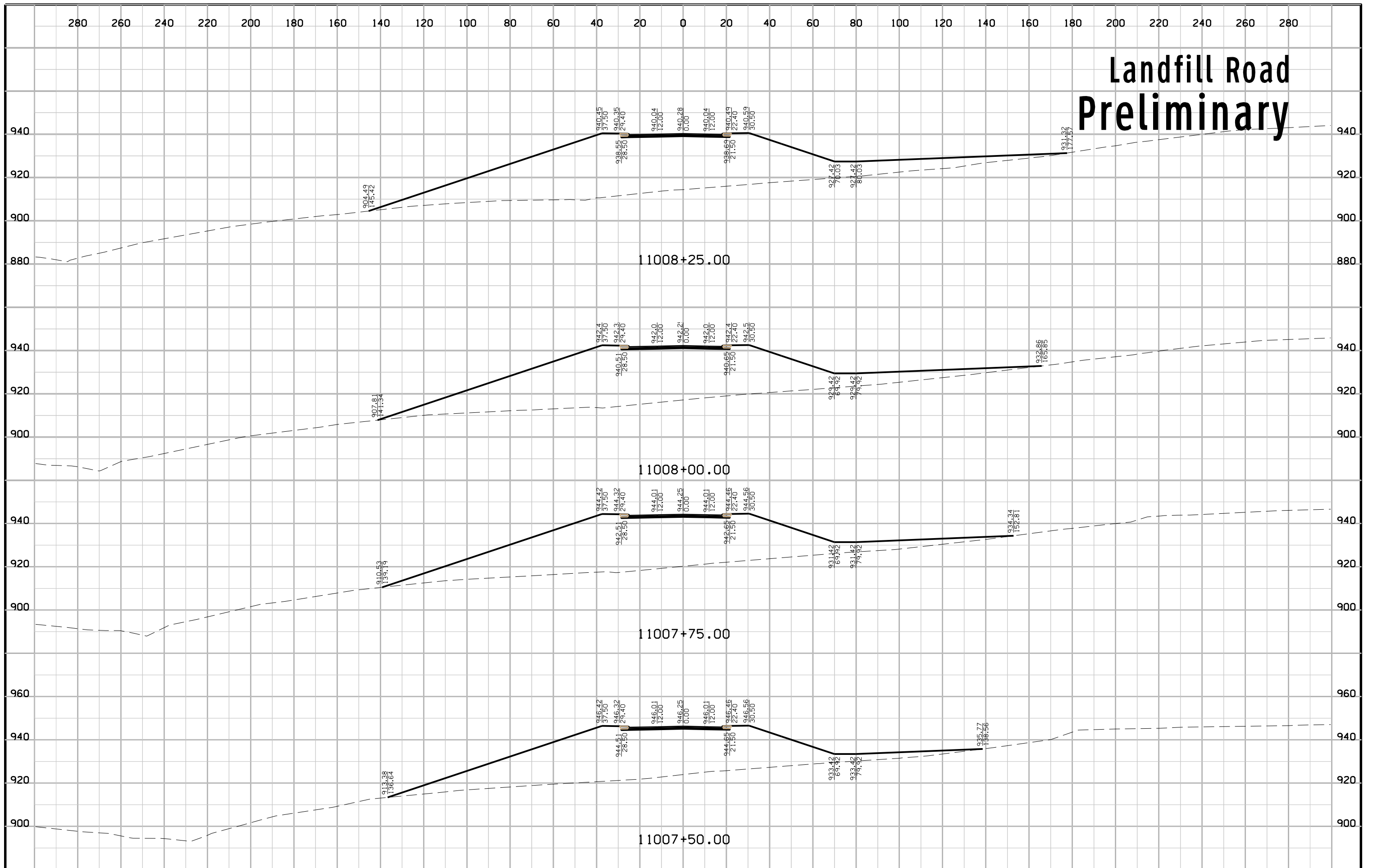
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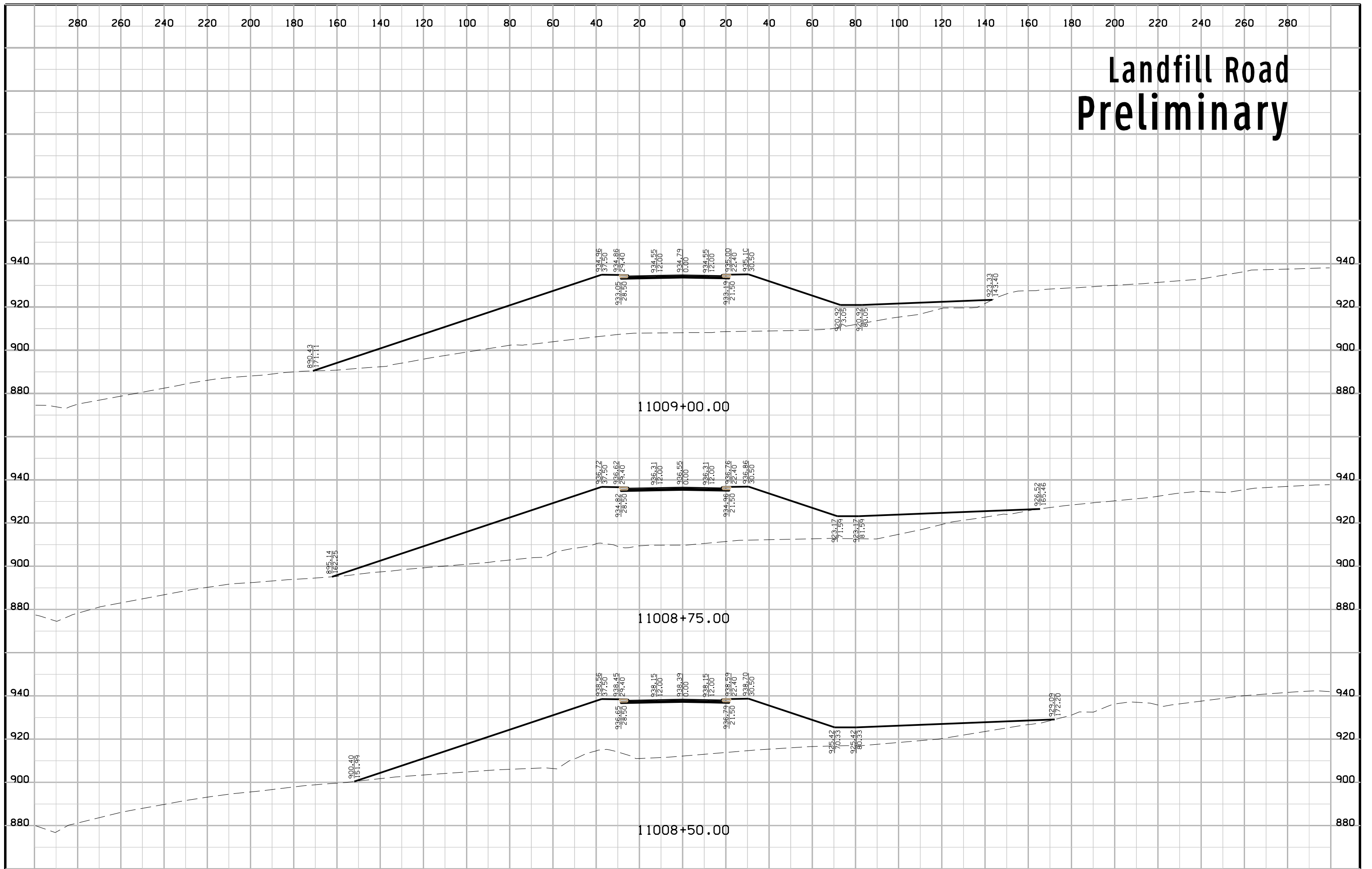
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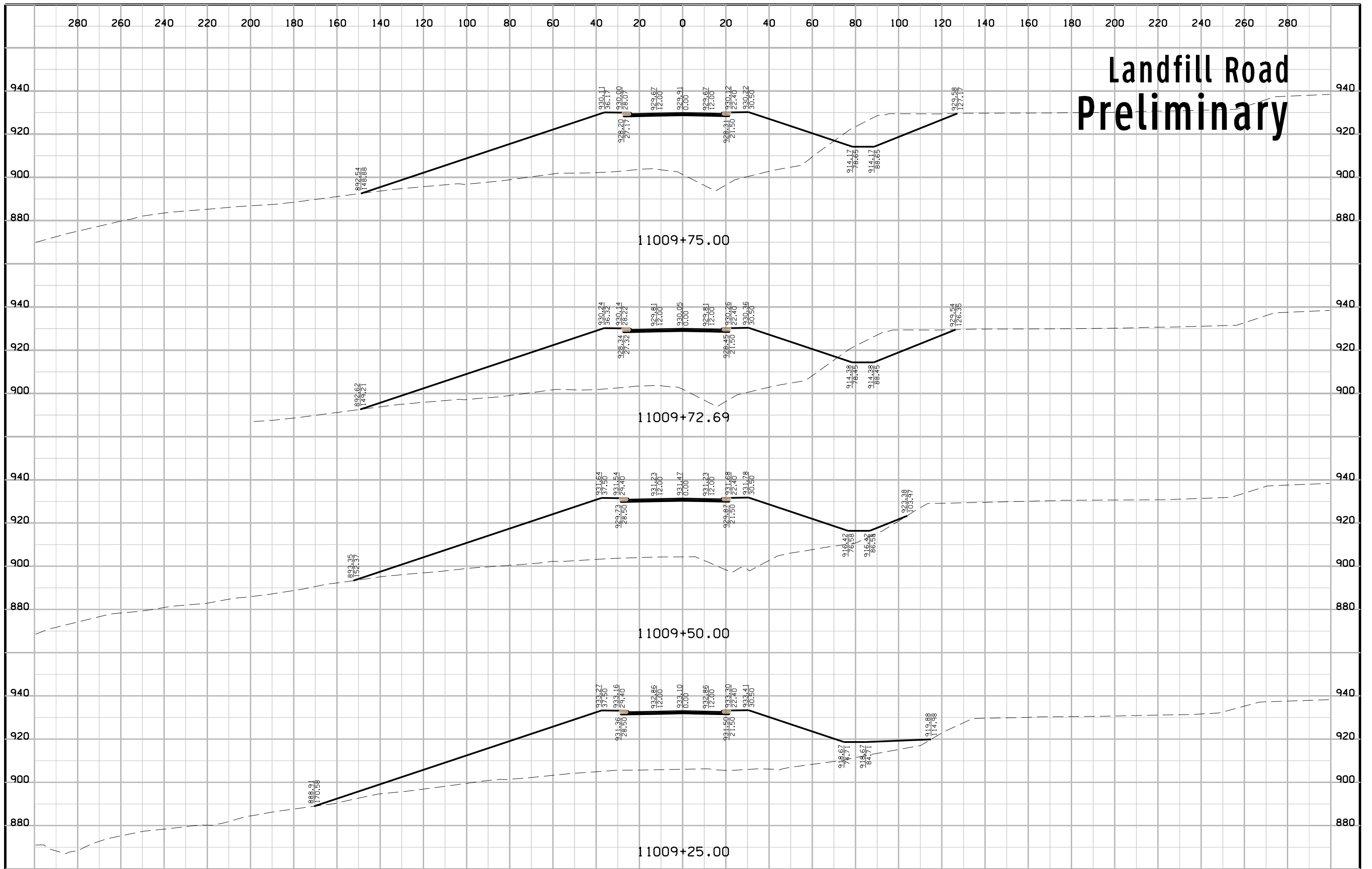
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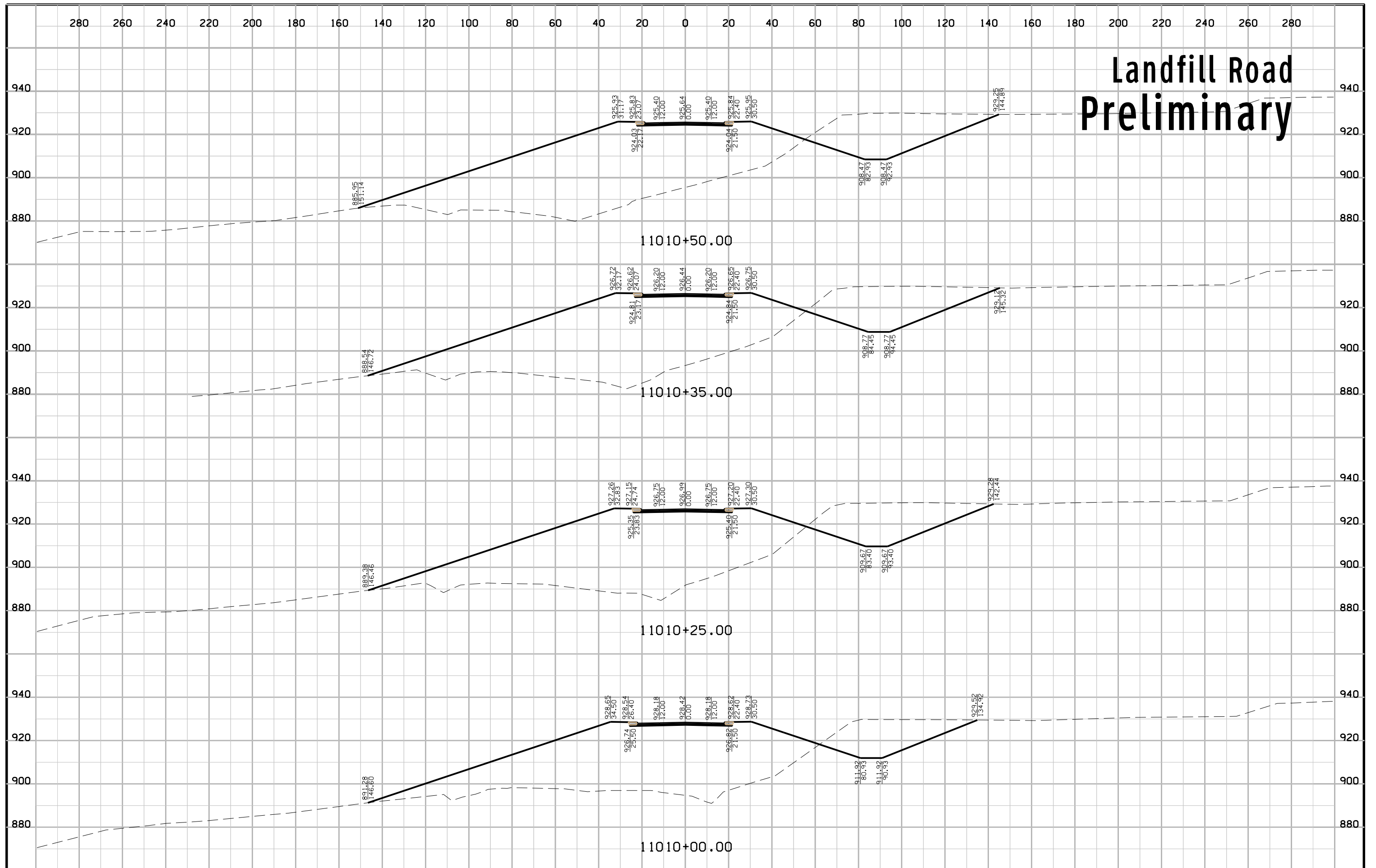
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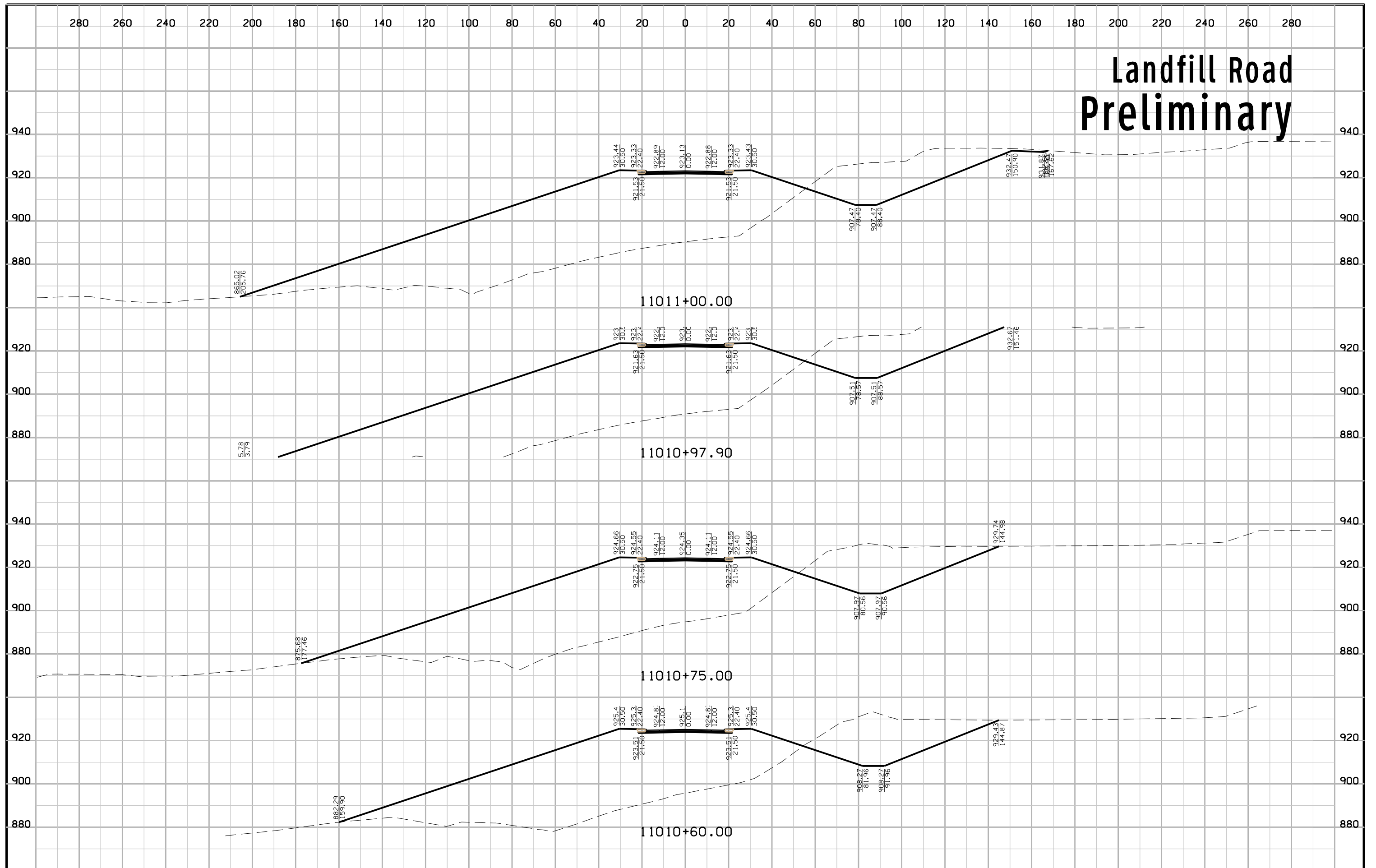
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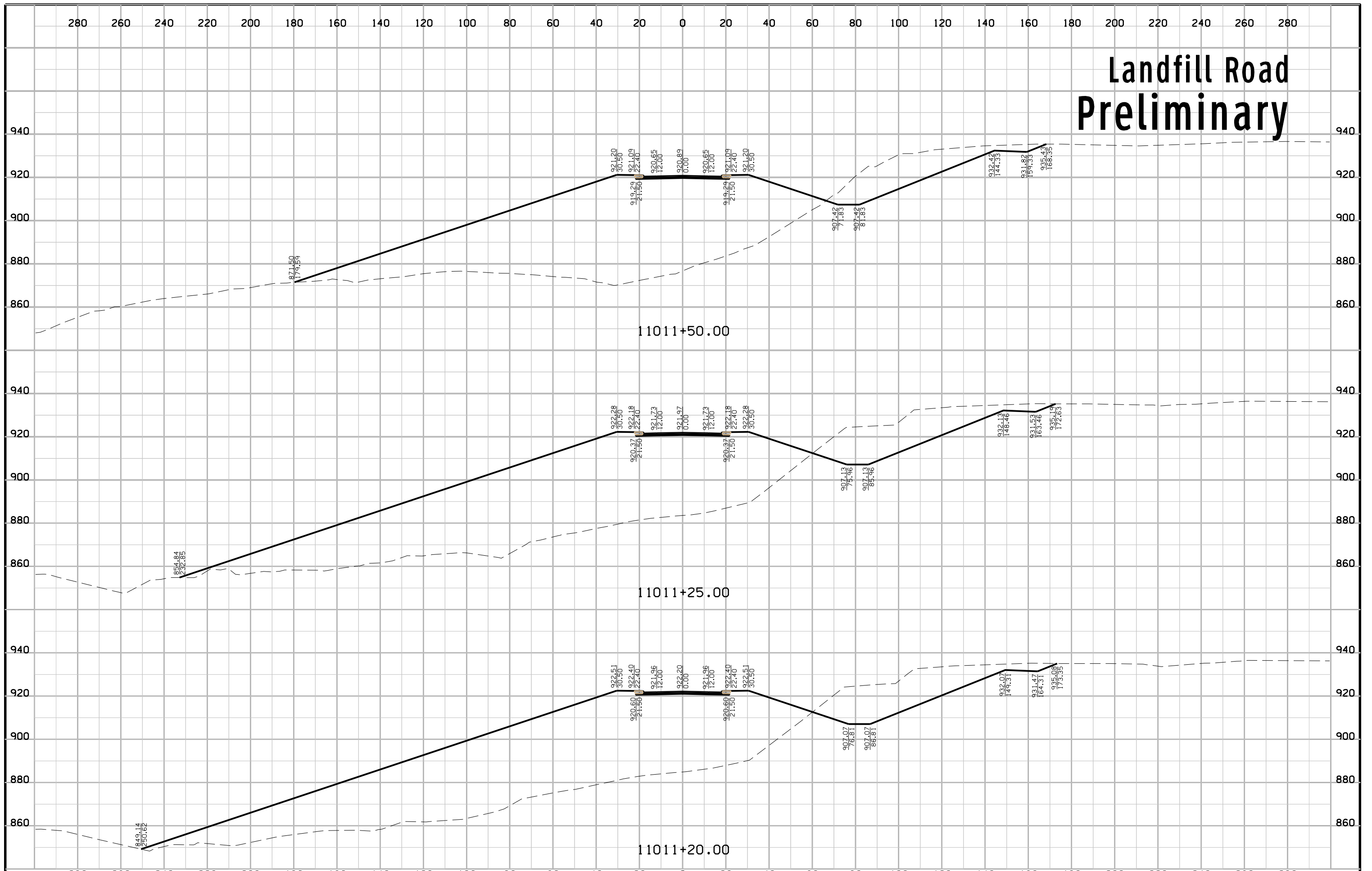
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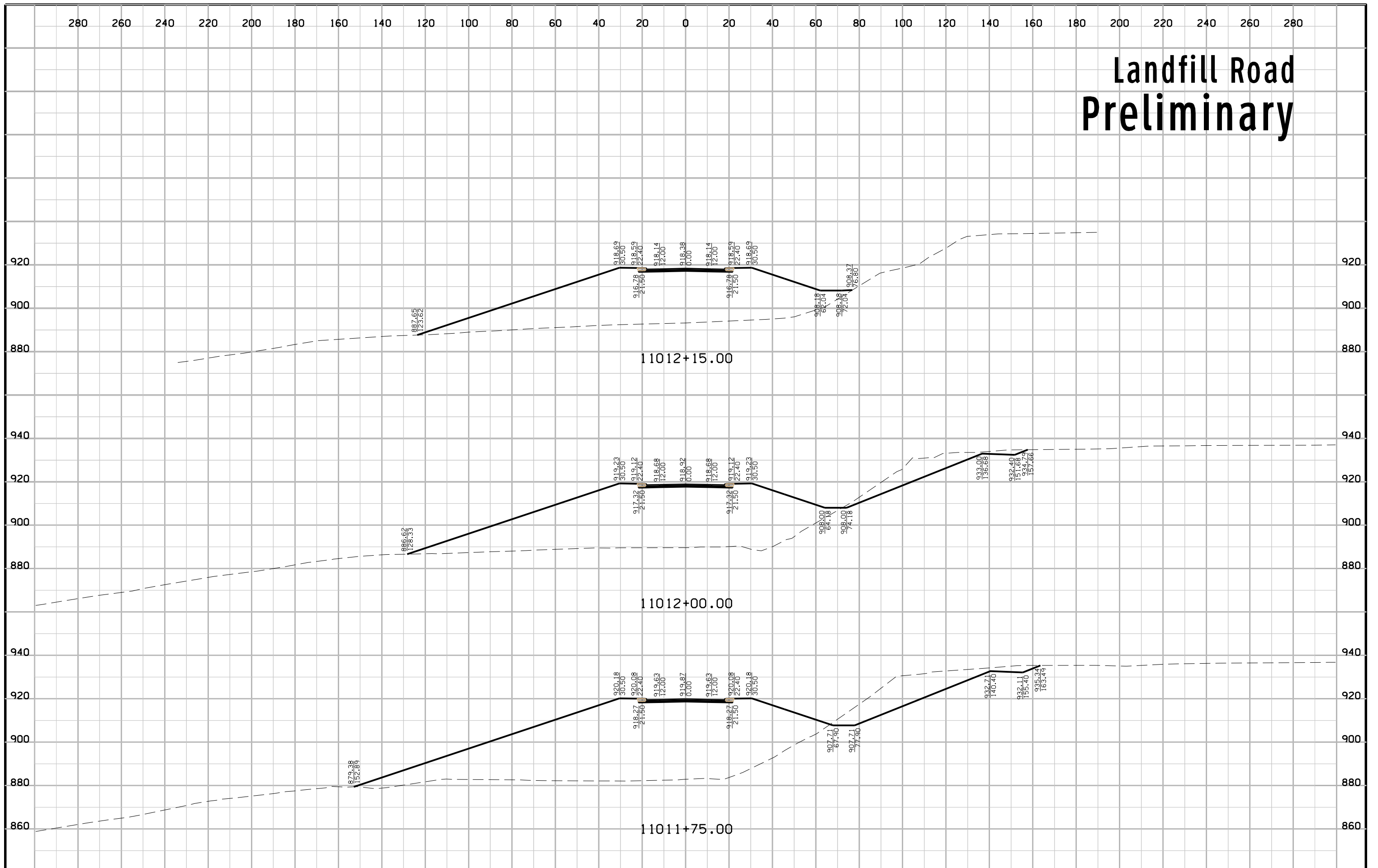
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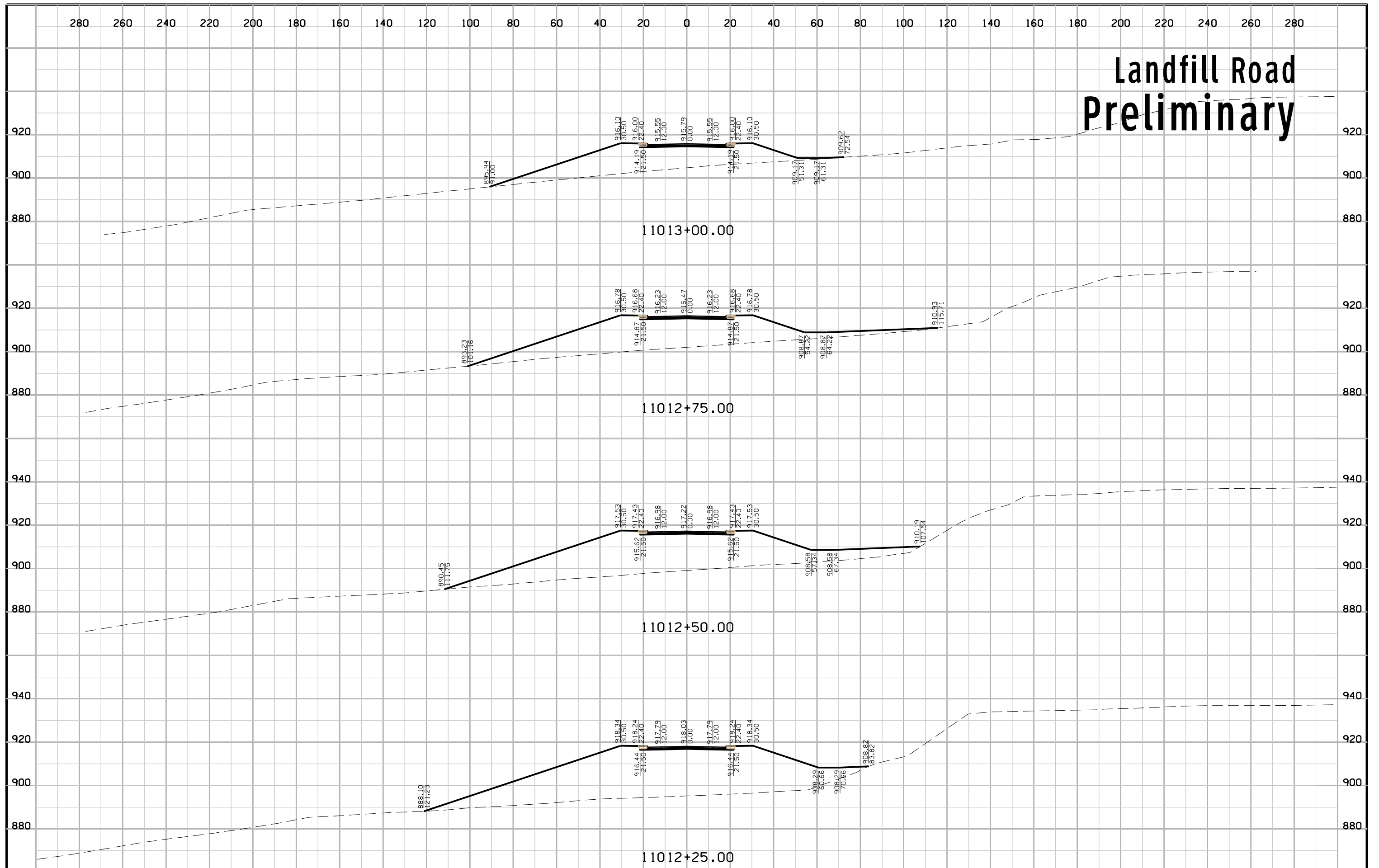
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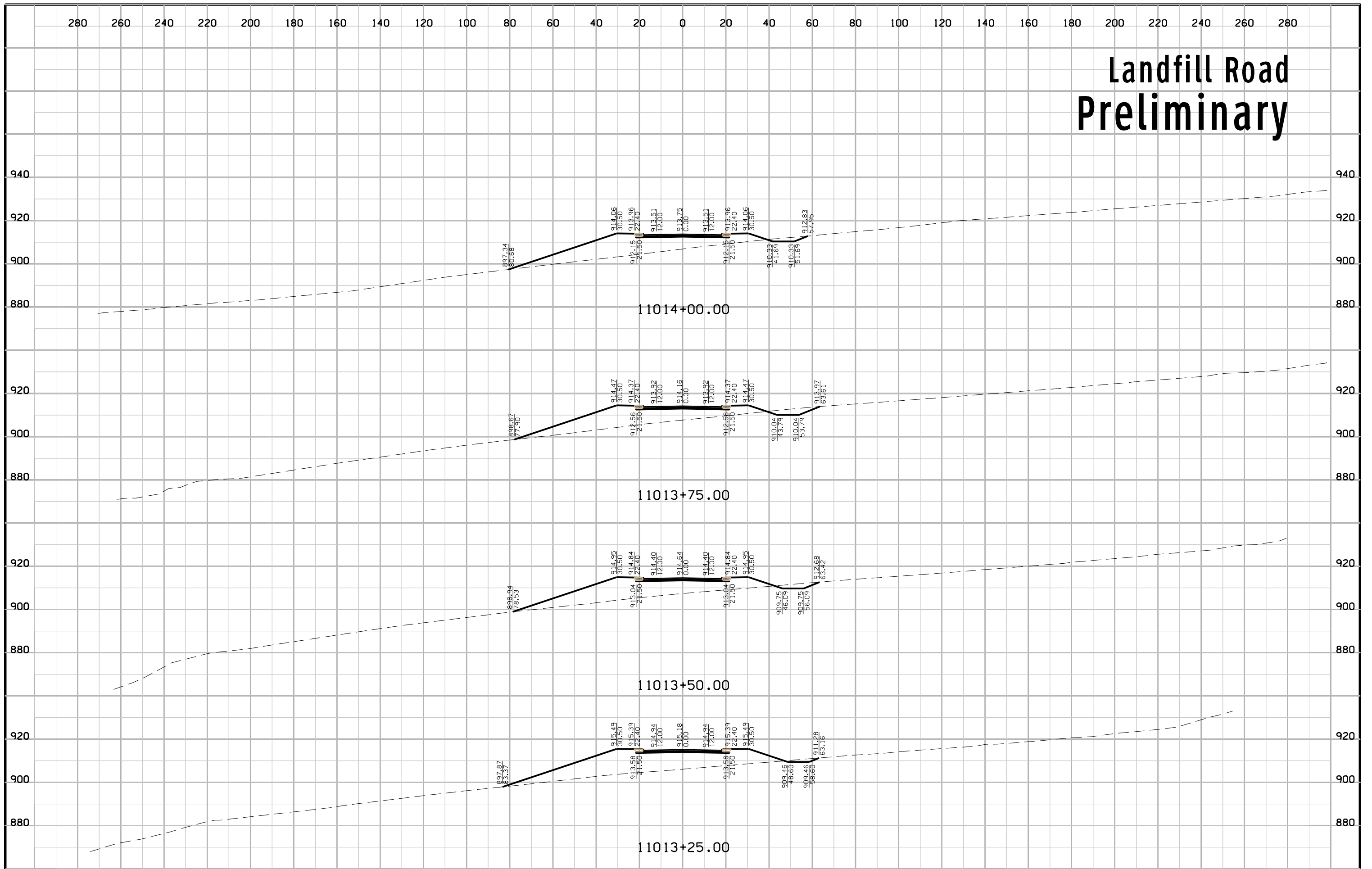
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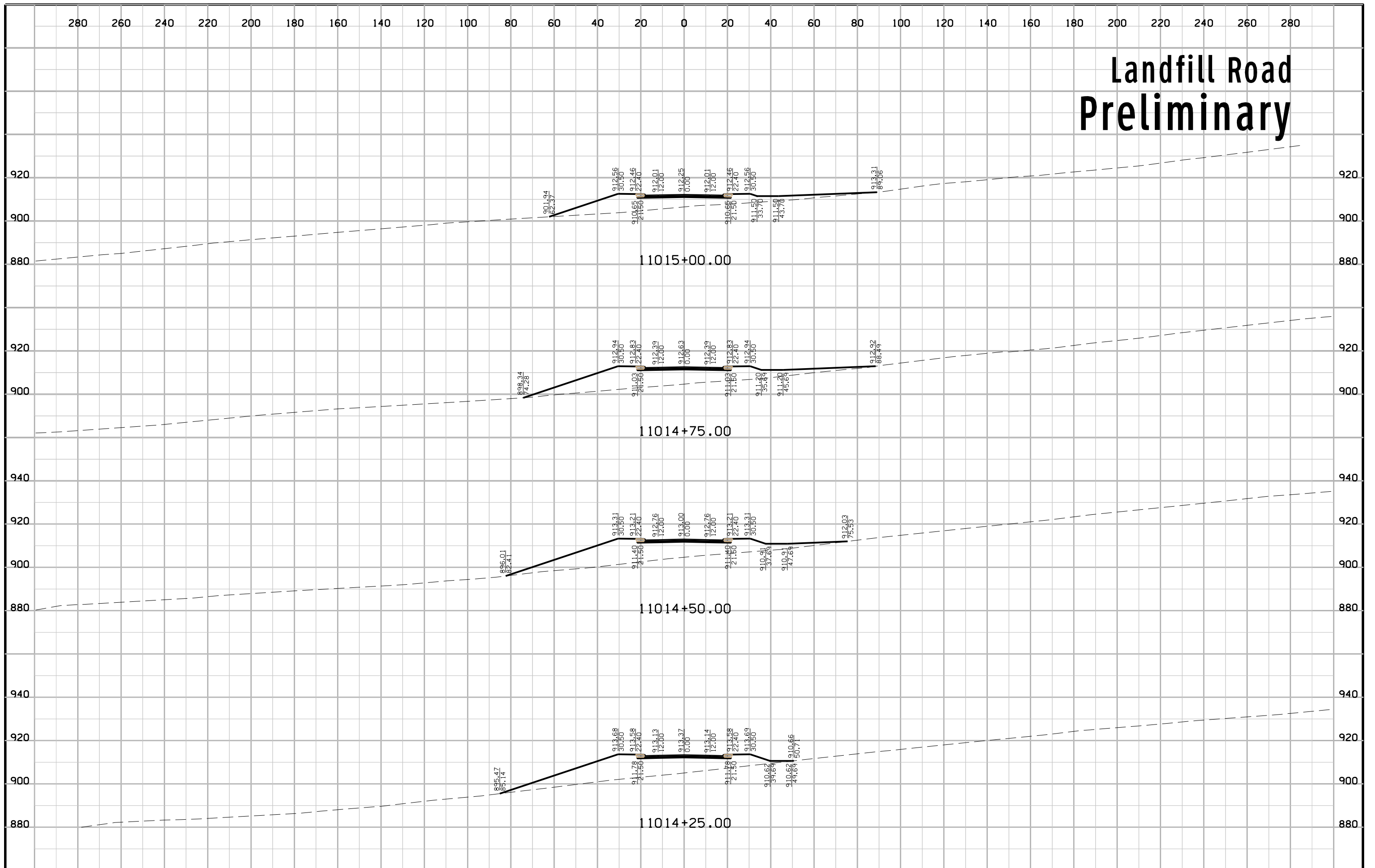
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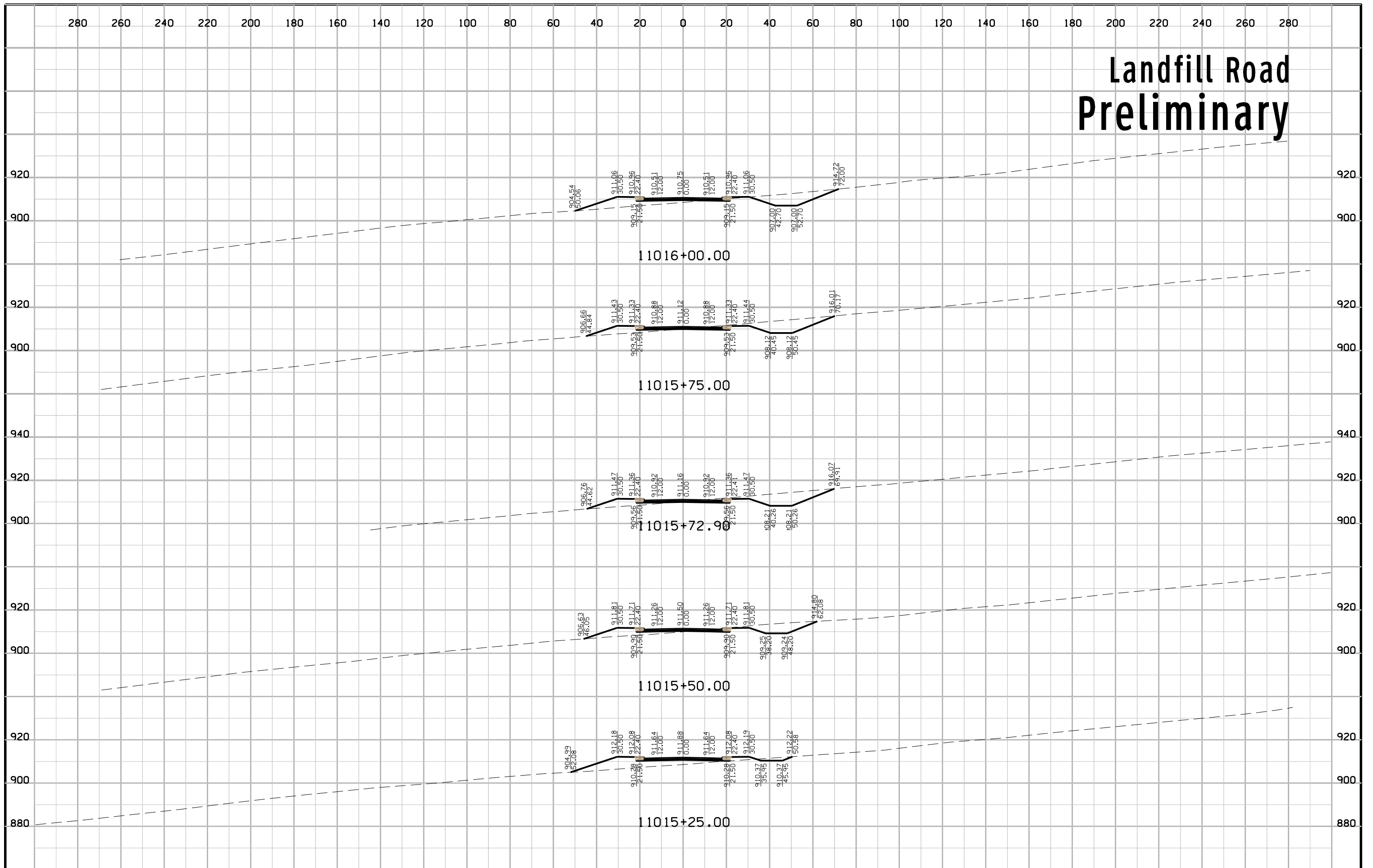
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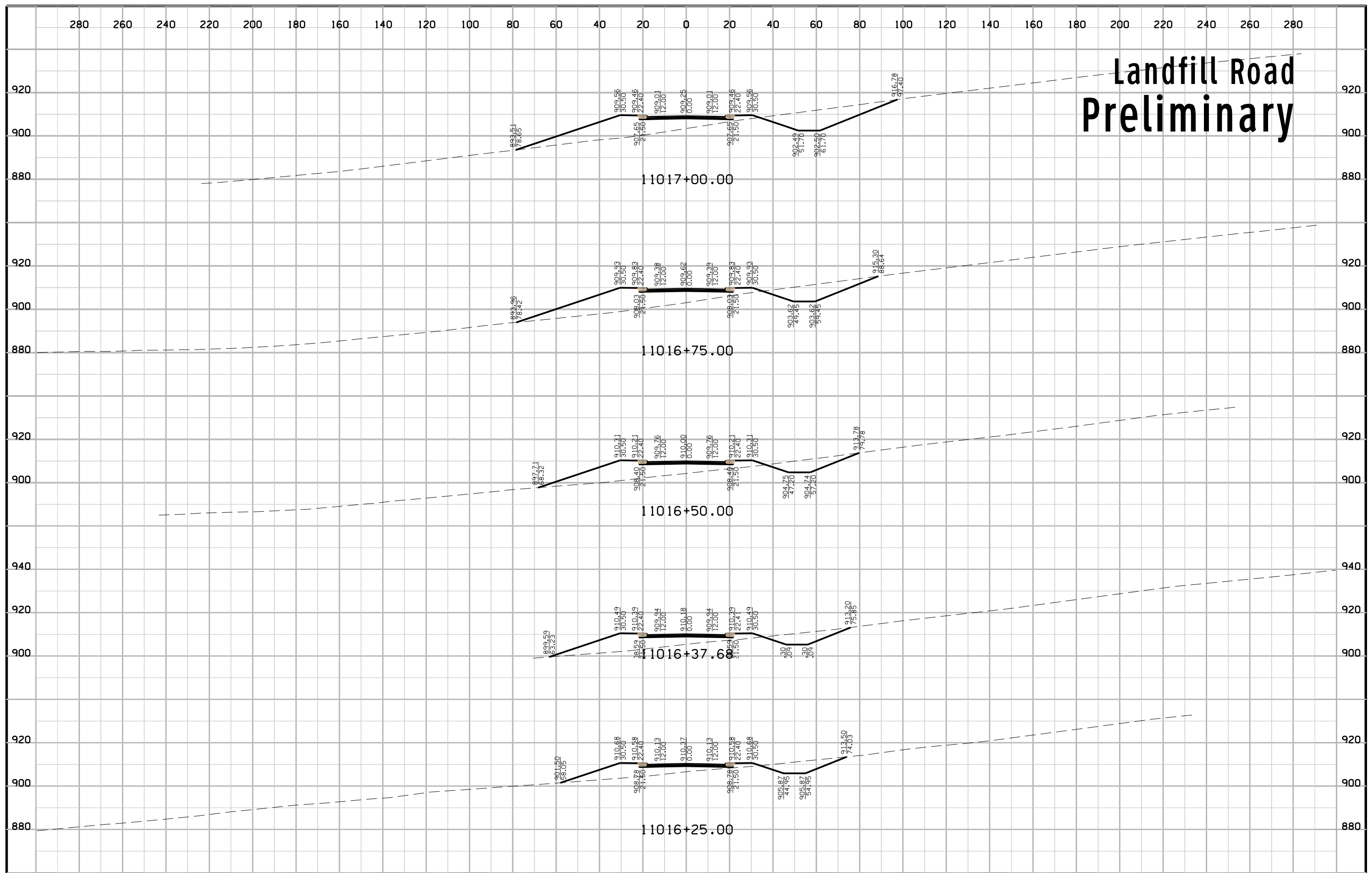
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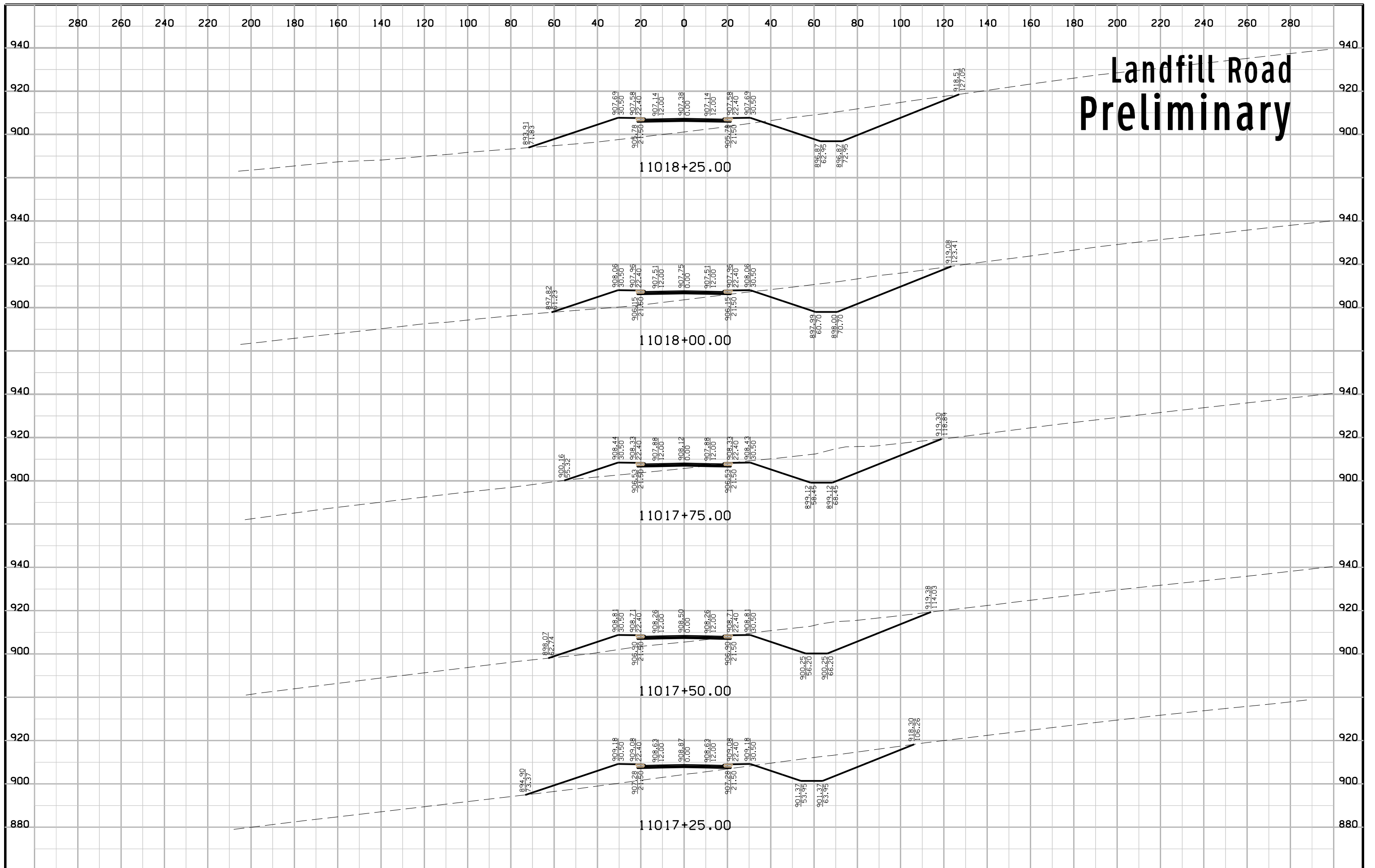
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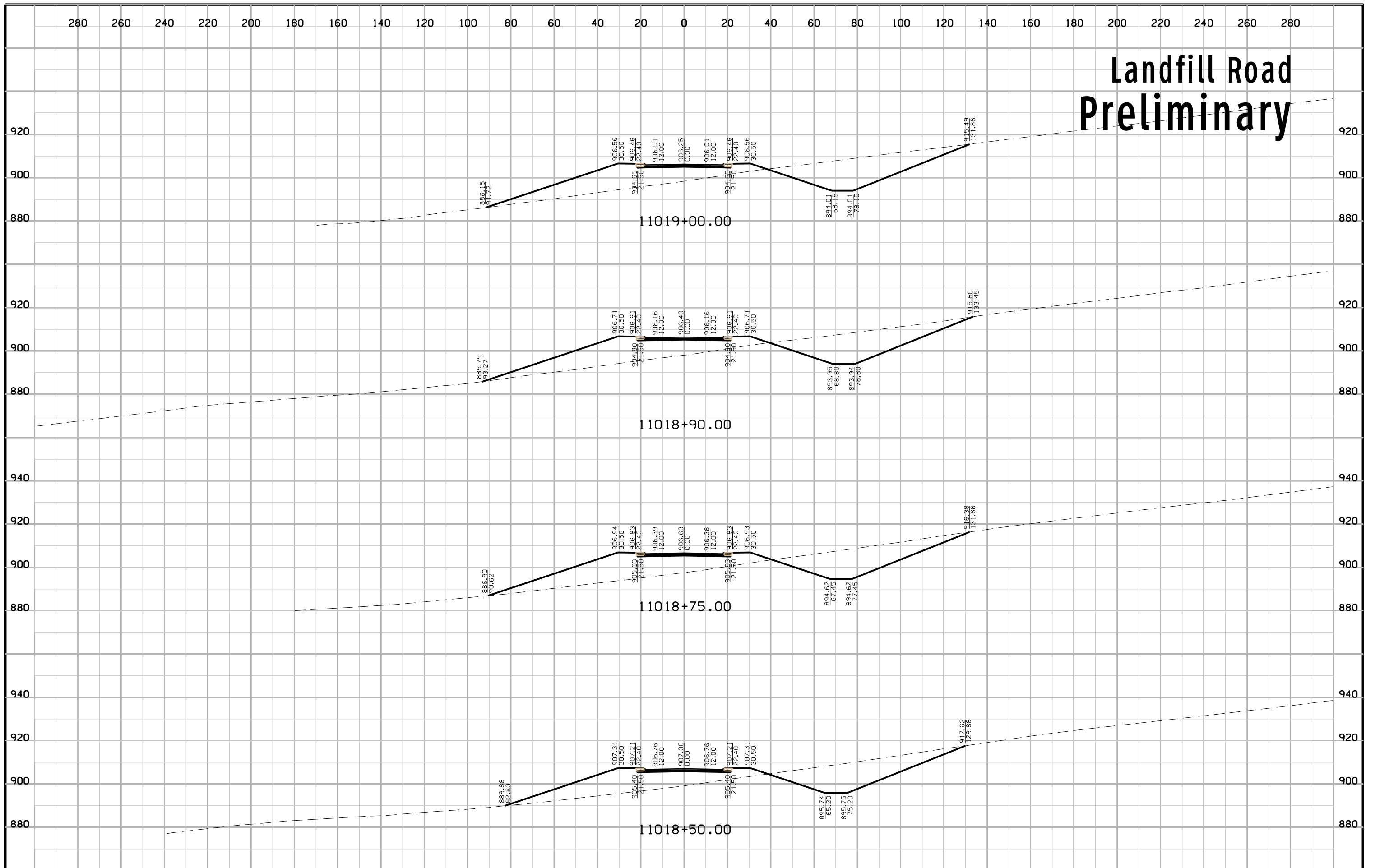
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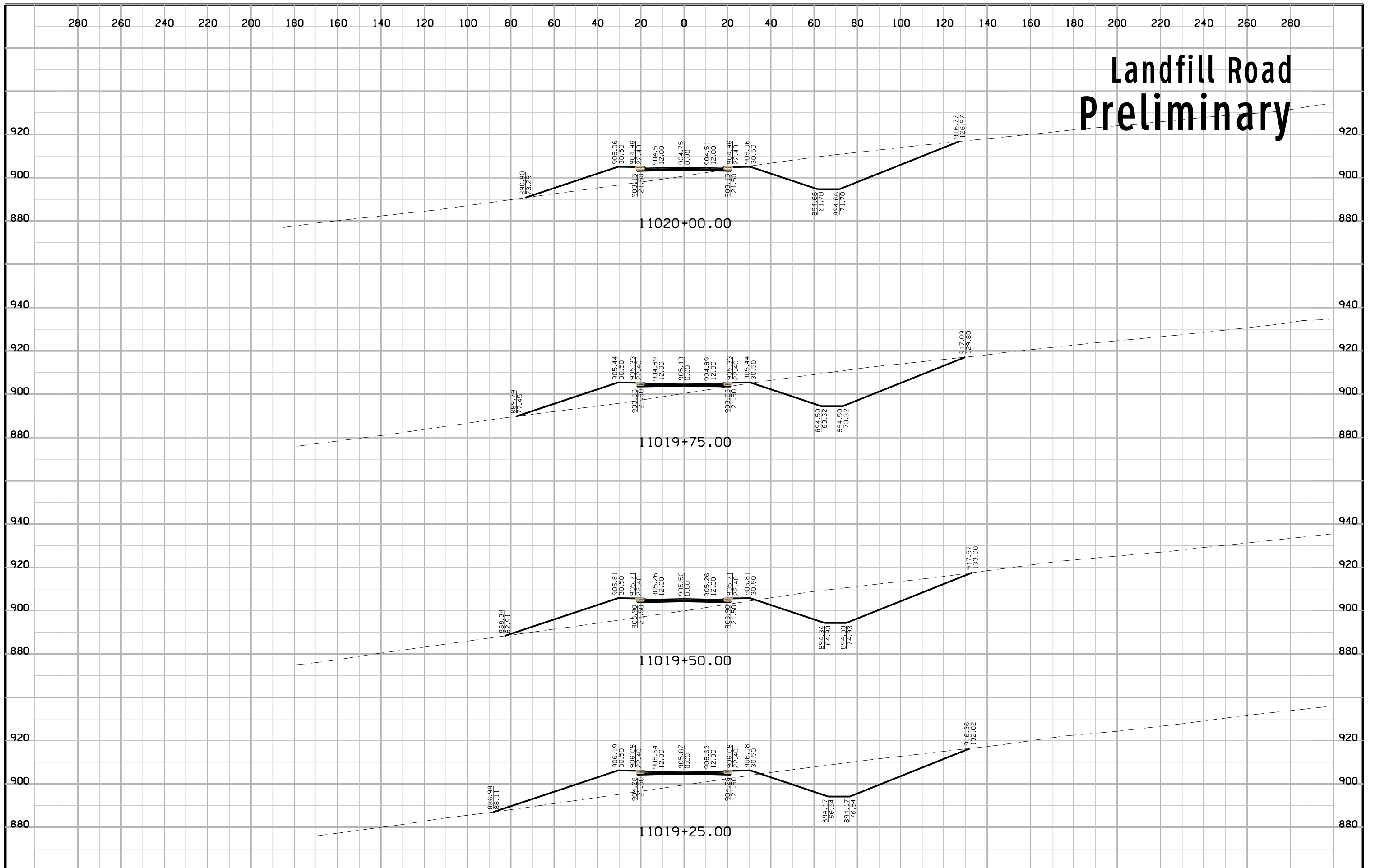
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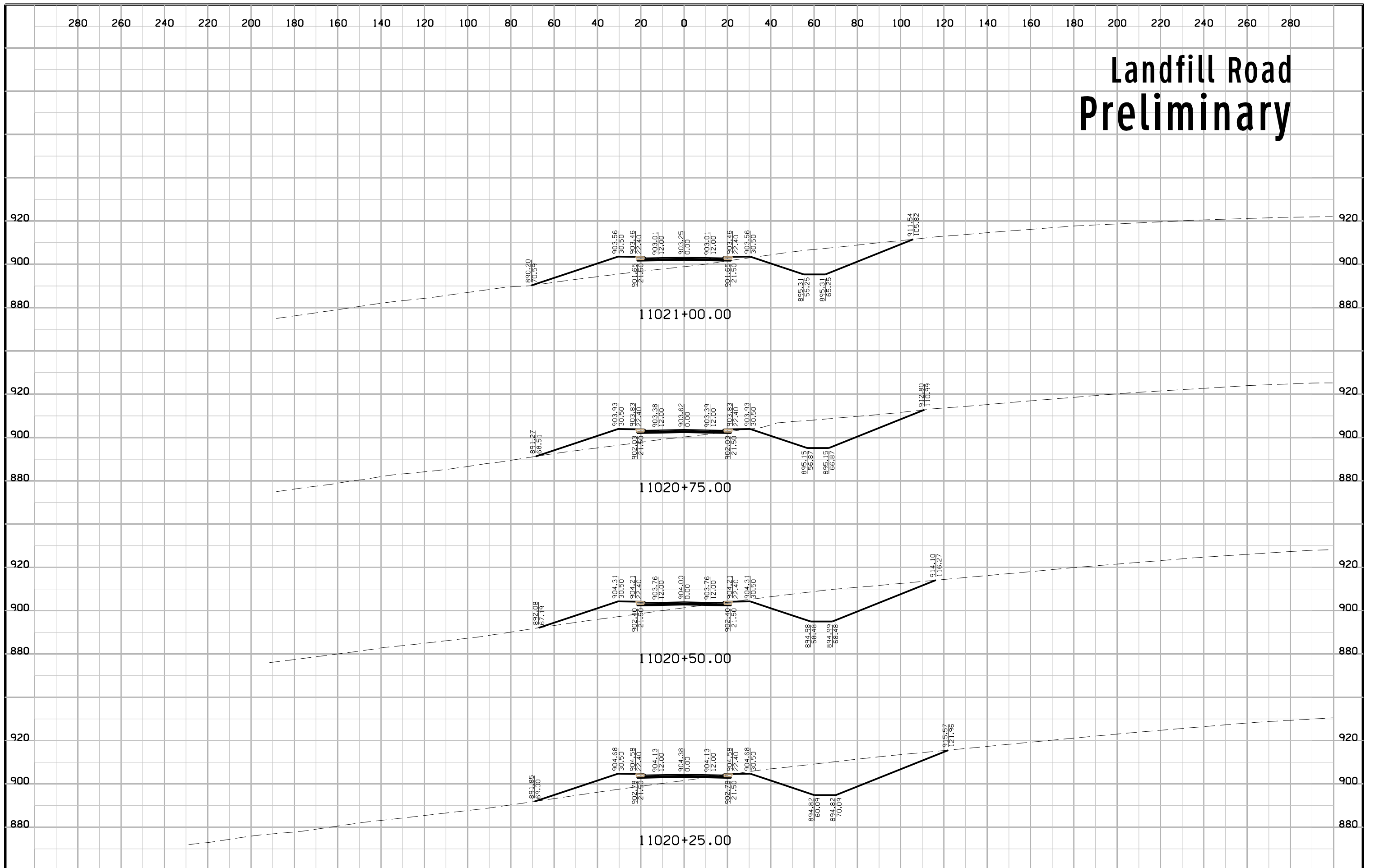
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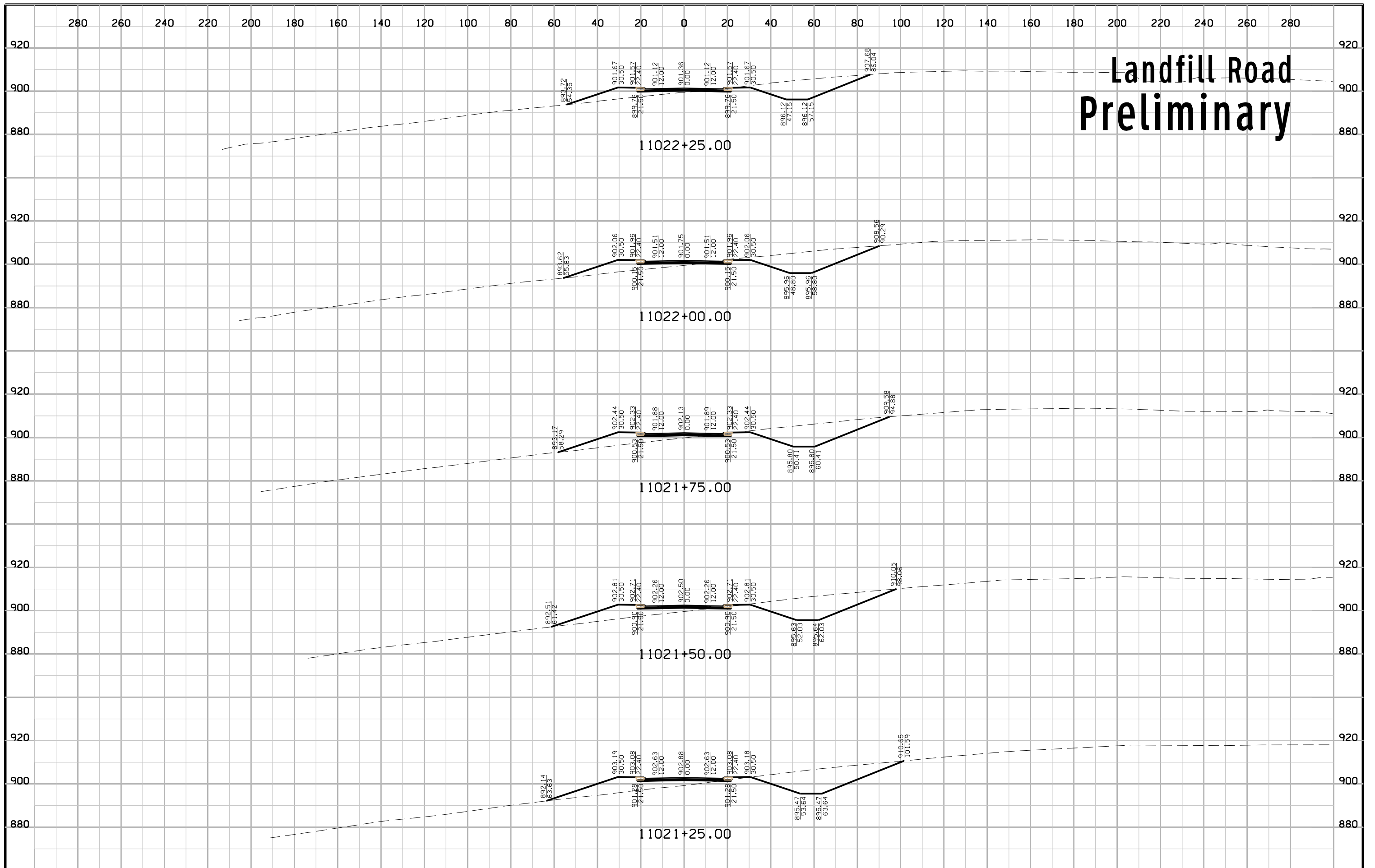
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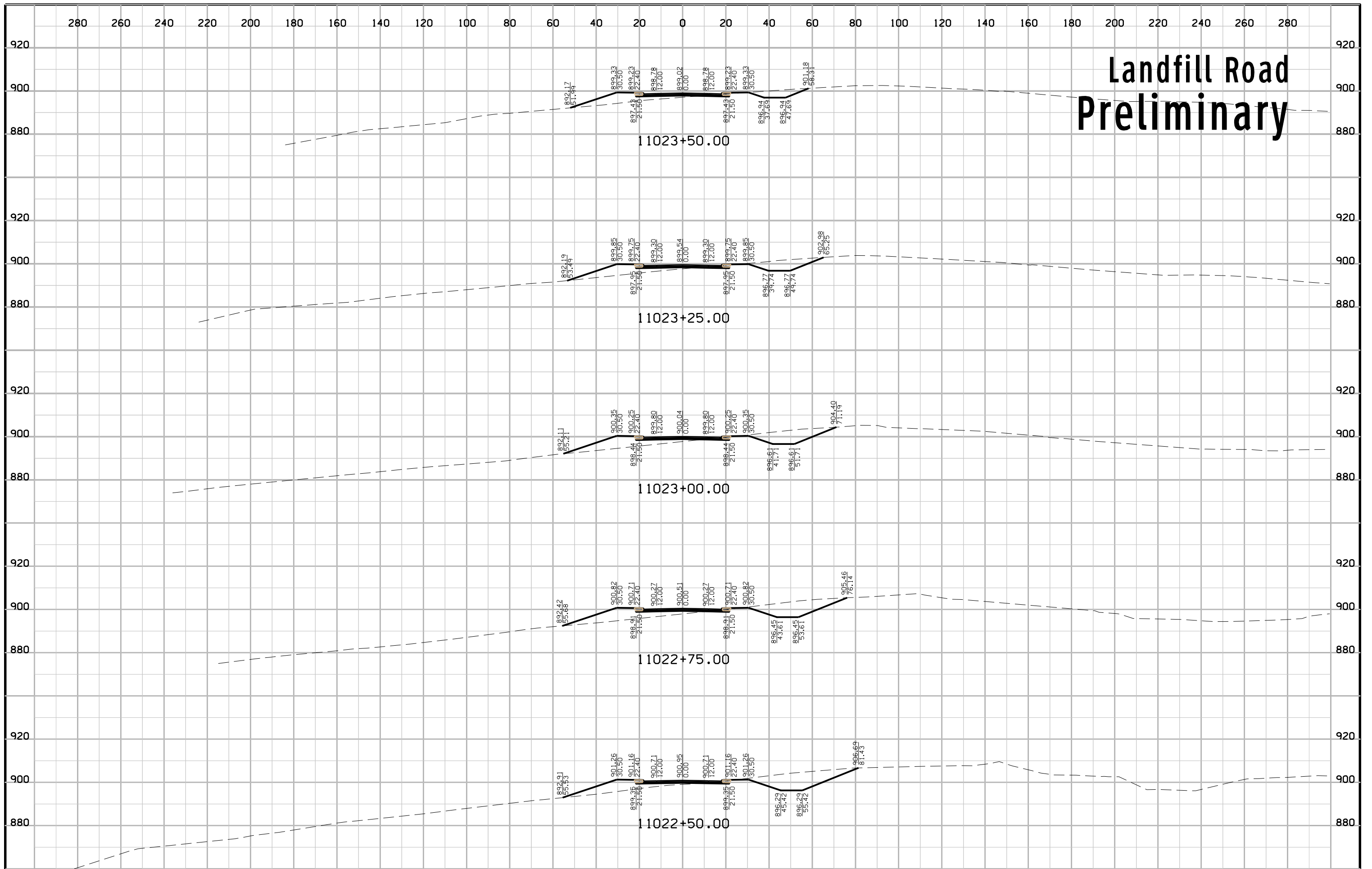
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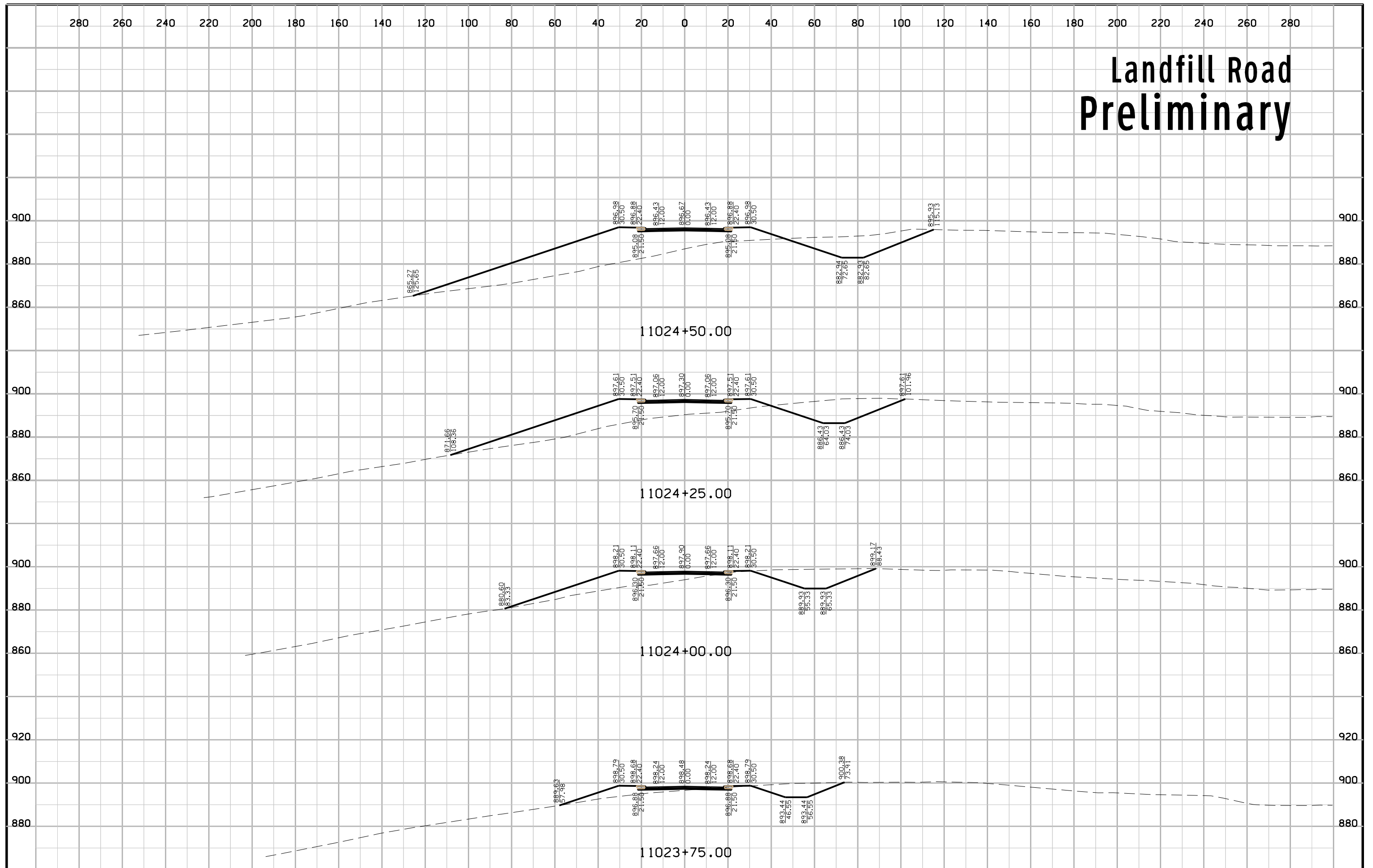
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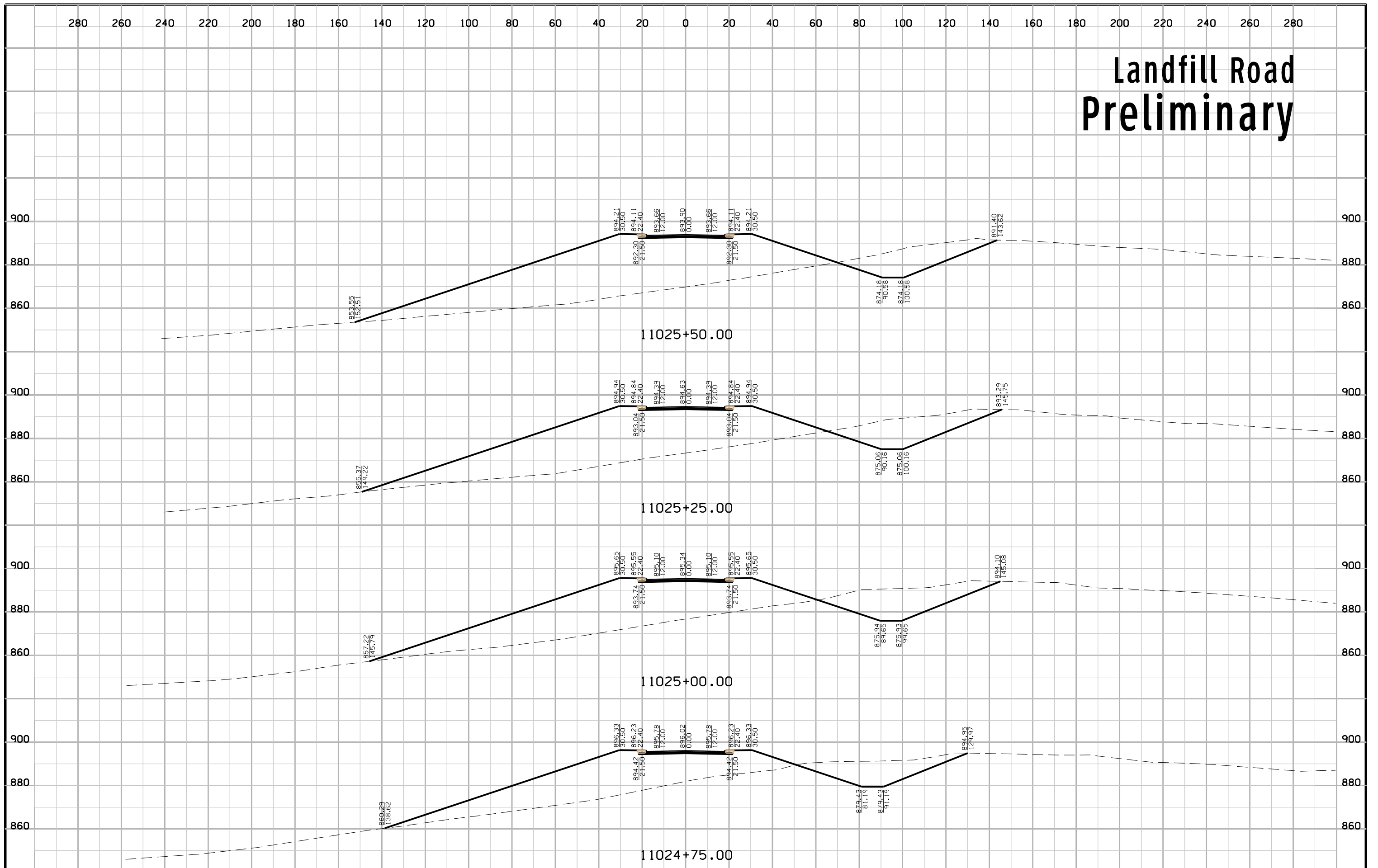
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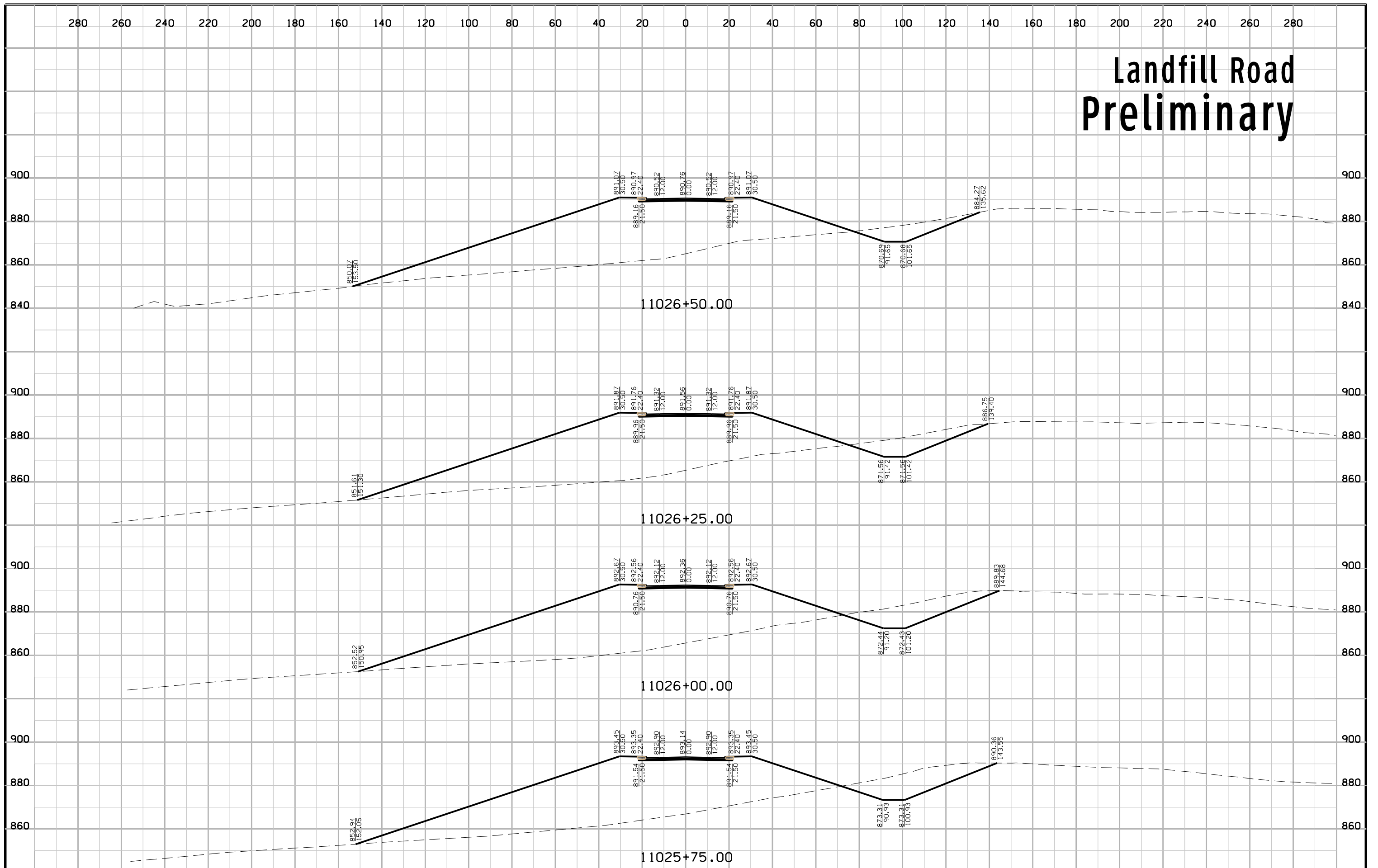
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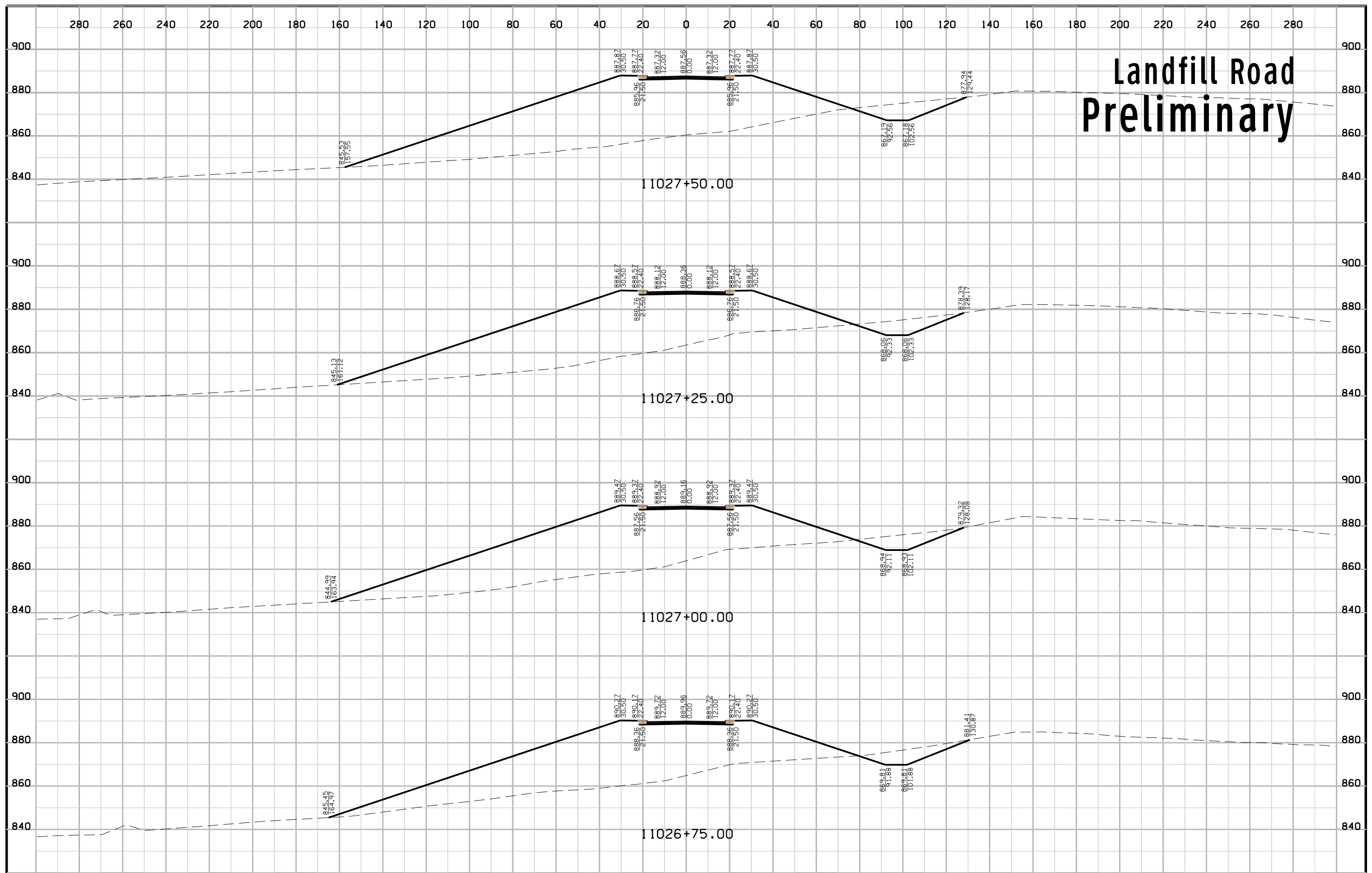
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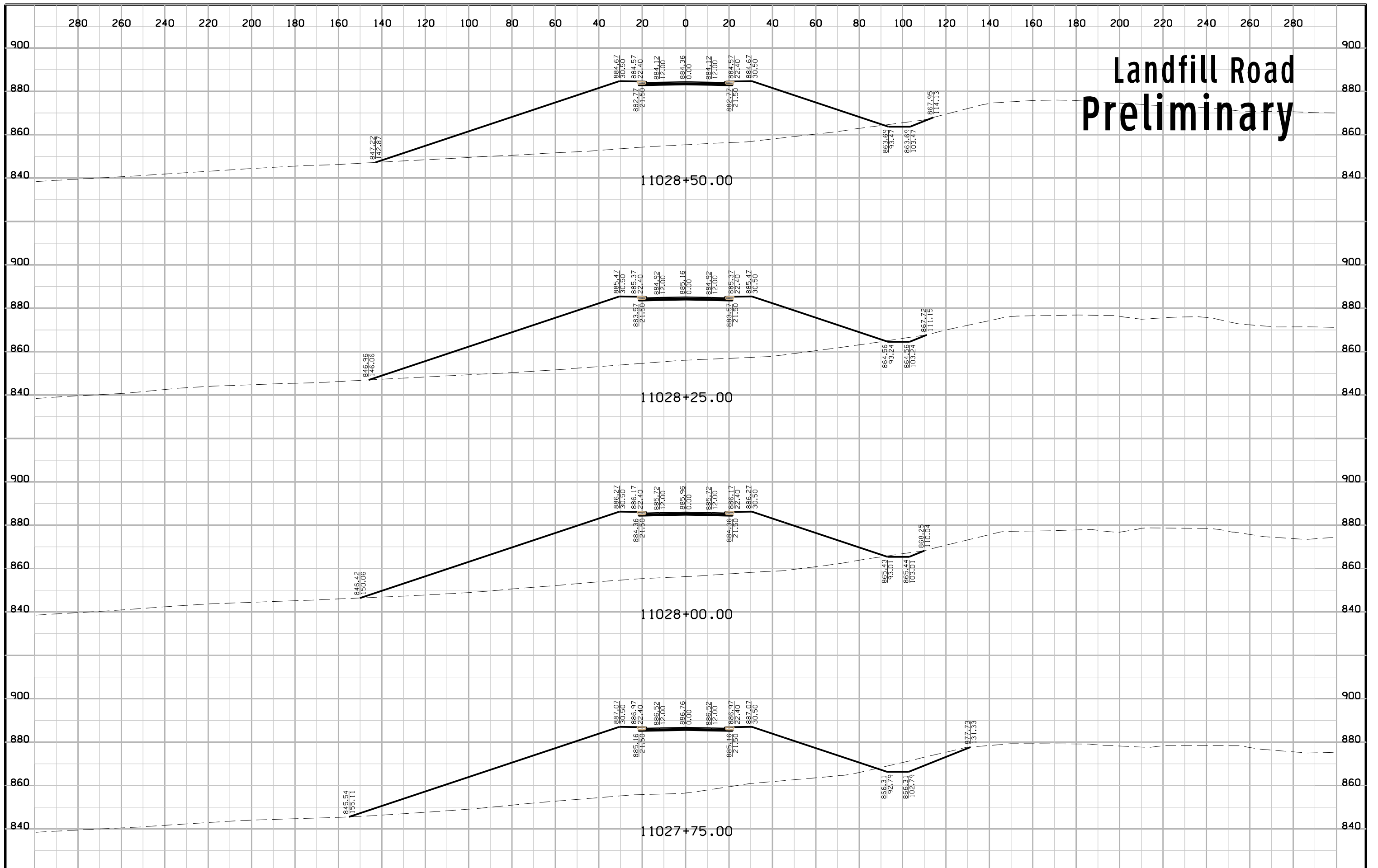
Landfill Road Preliminary



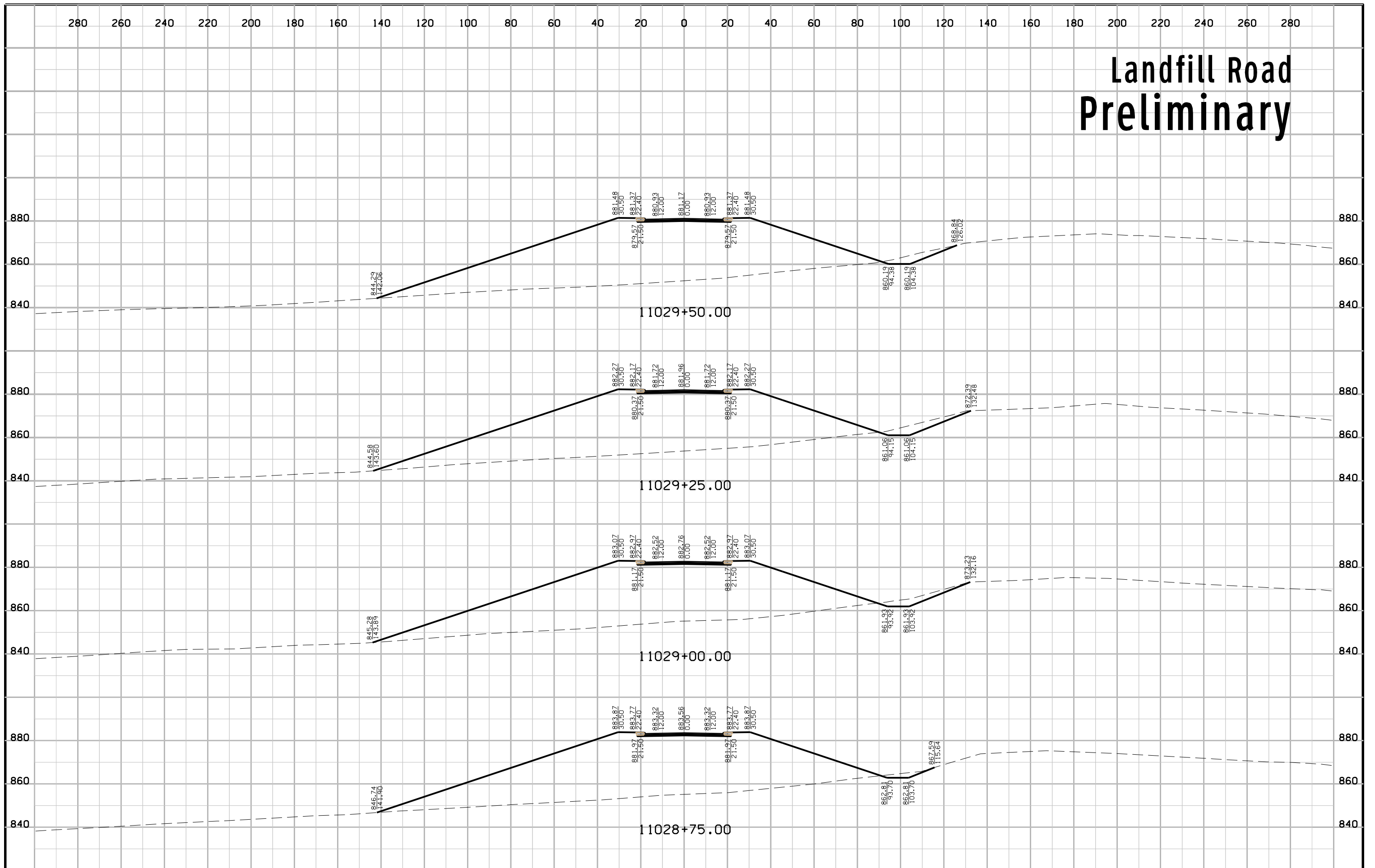
Landfill Road Preliminary



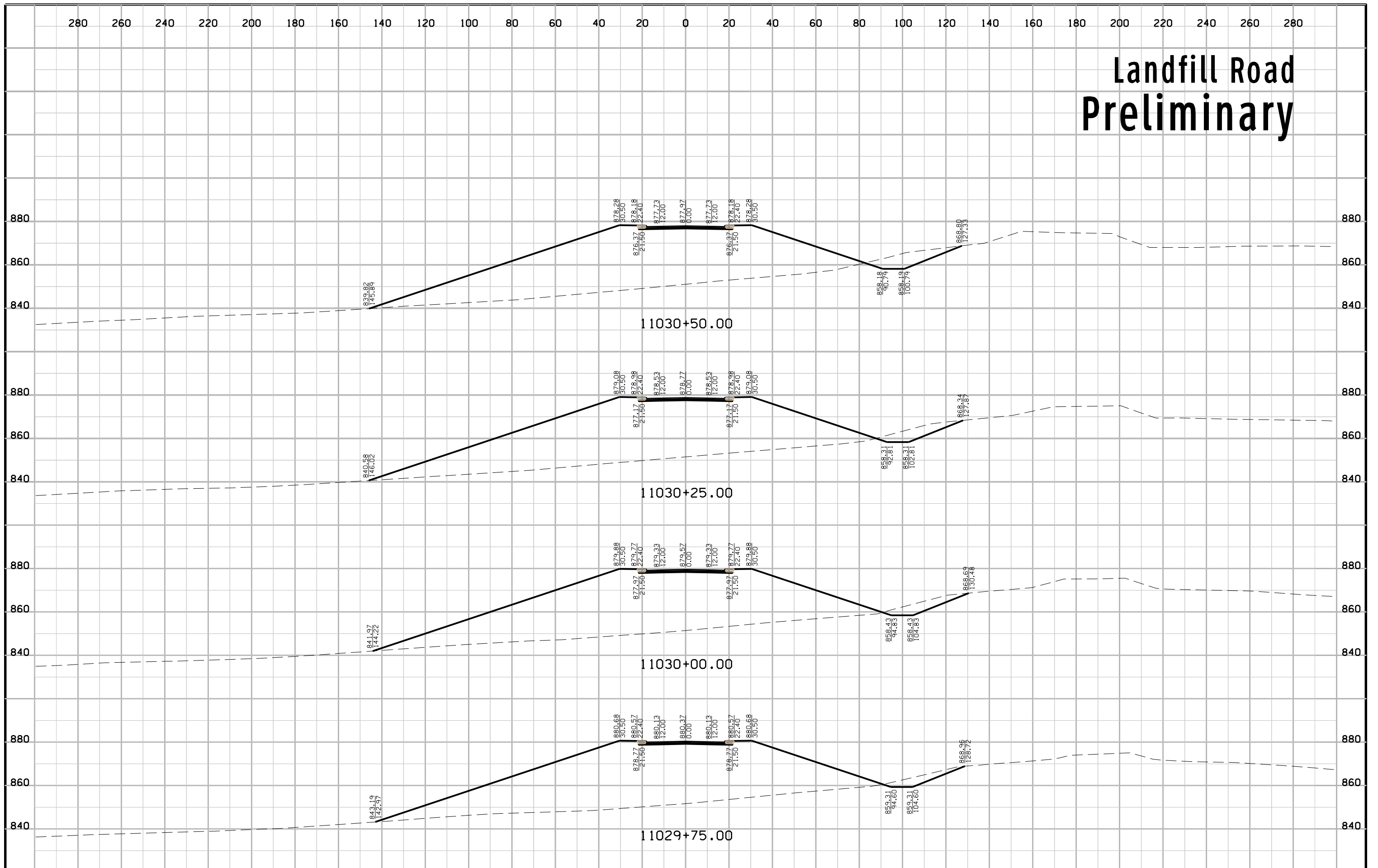
Landfill Road Preliminary



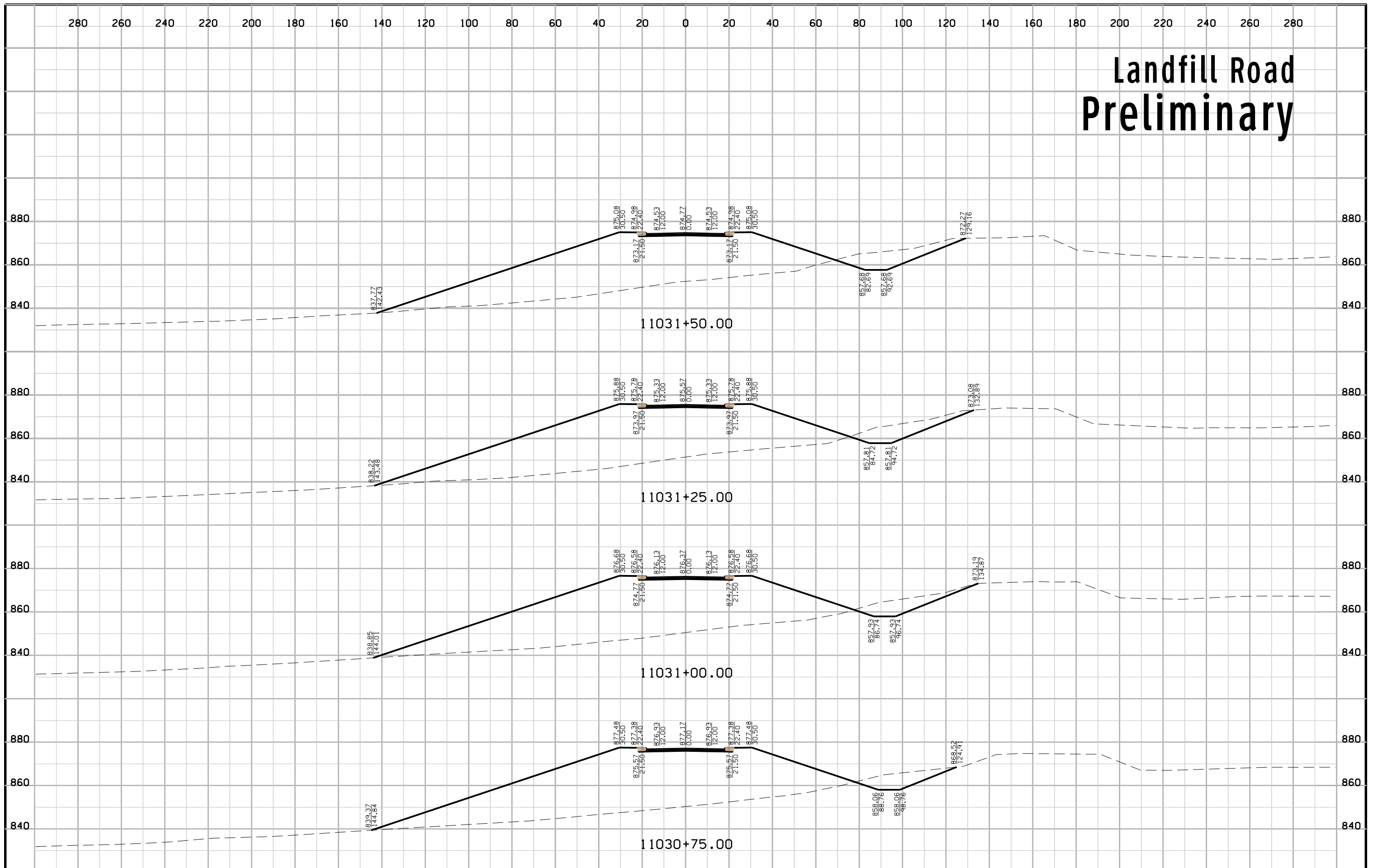
Landfill Road Preliminary



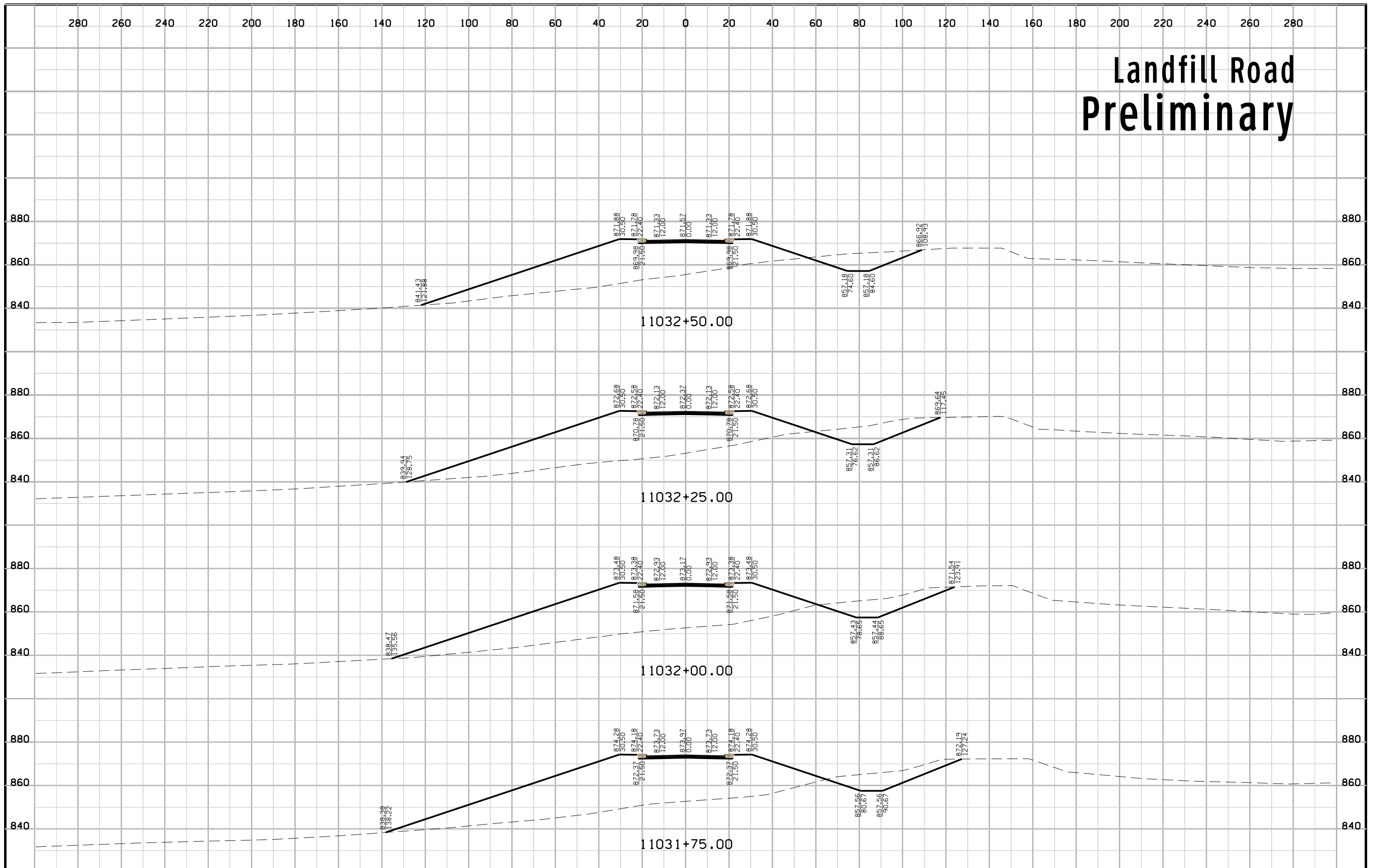
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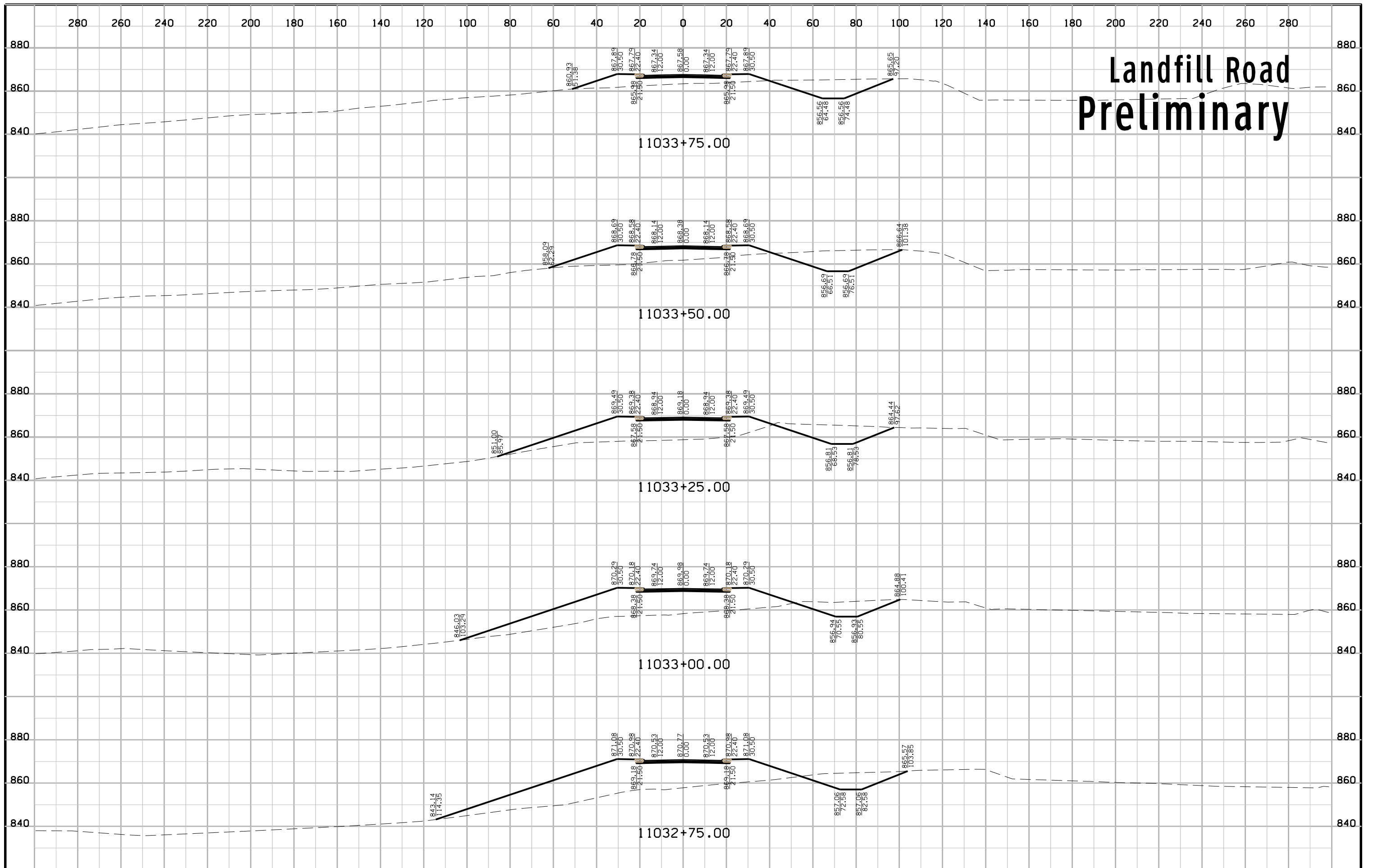
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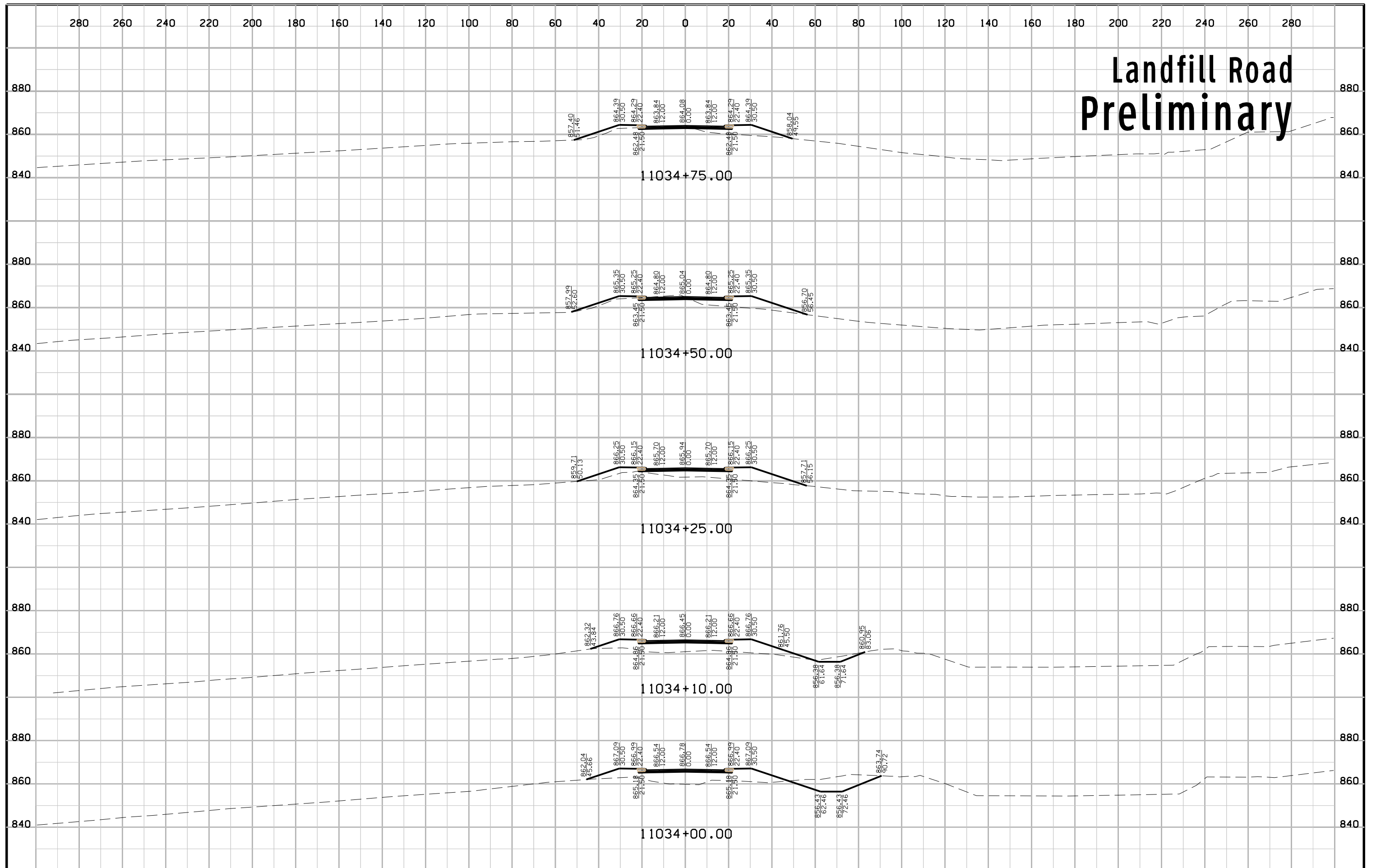
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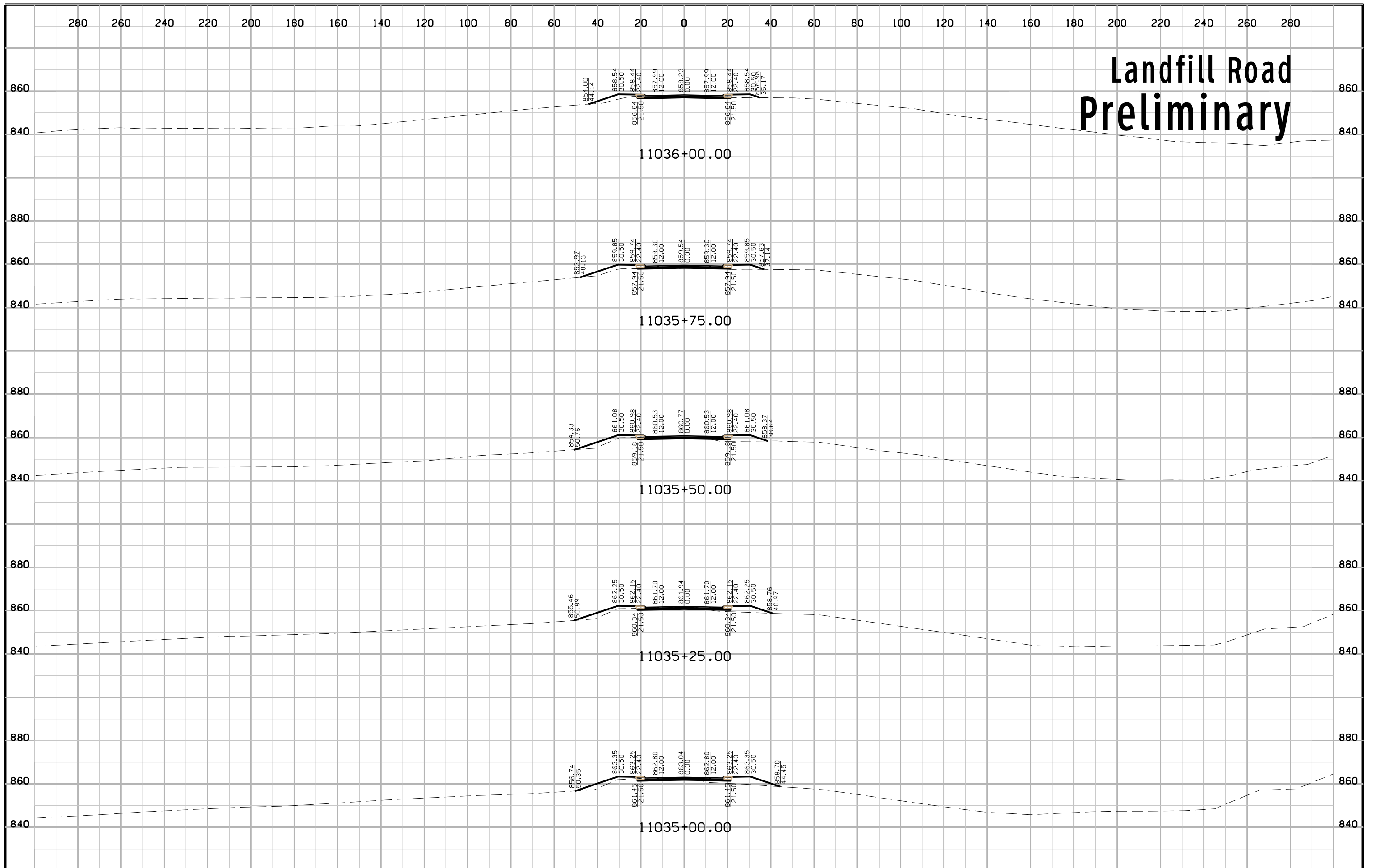
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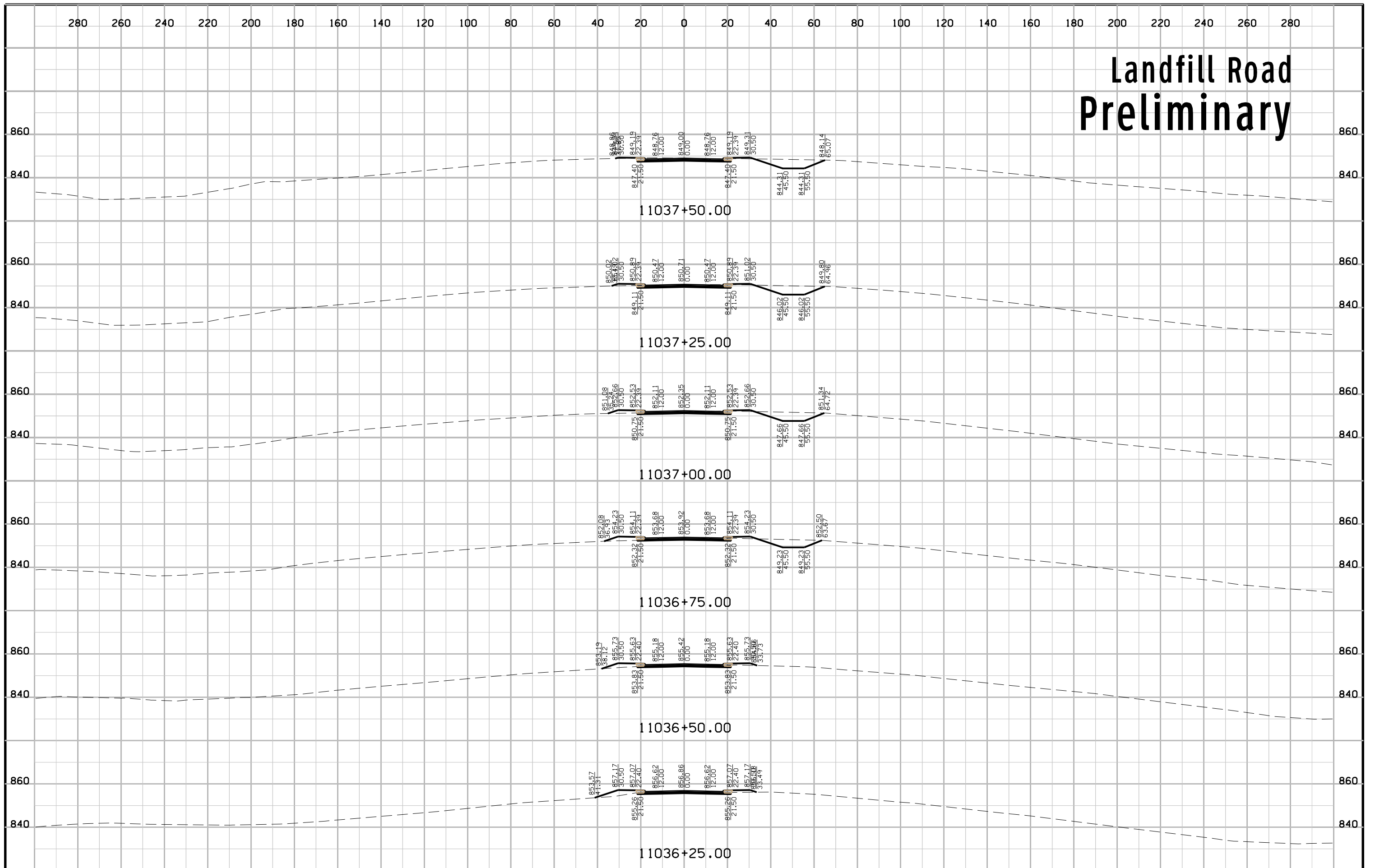
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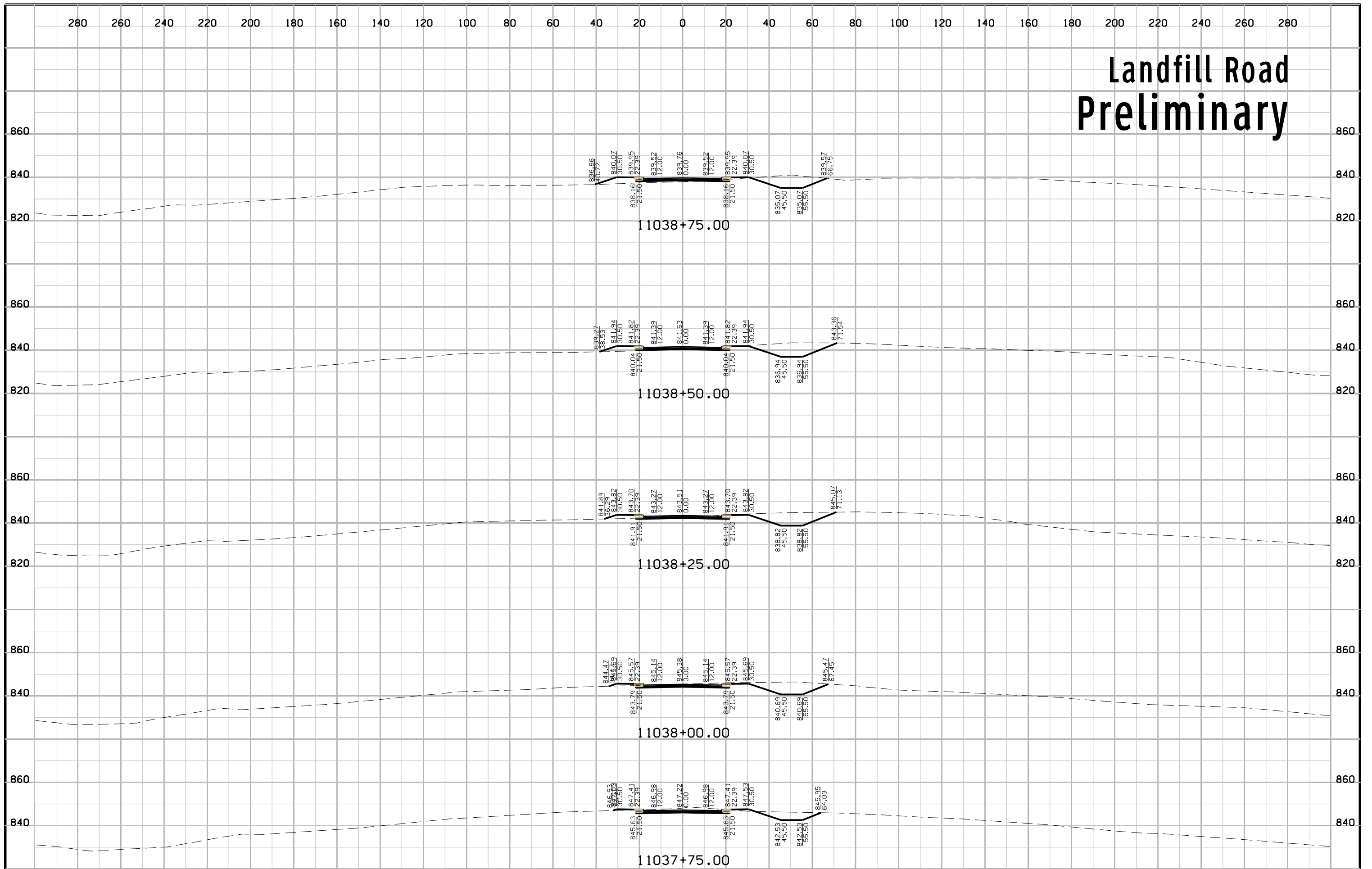
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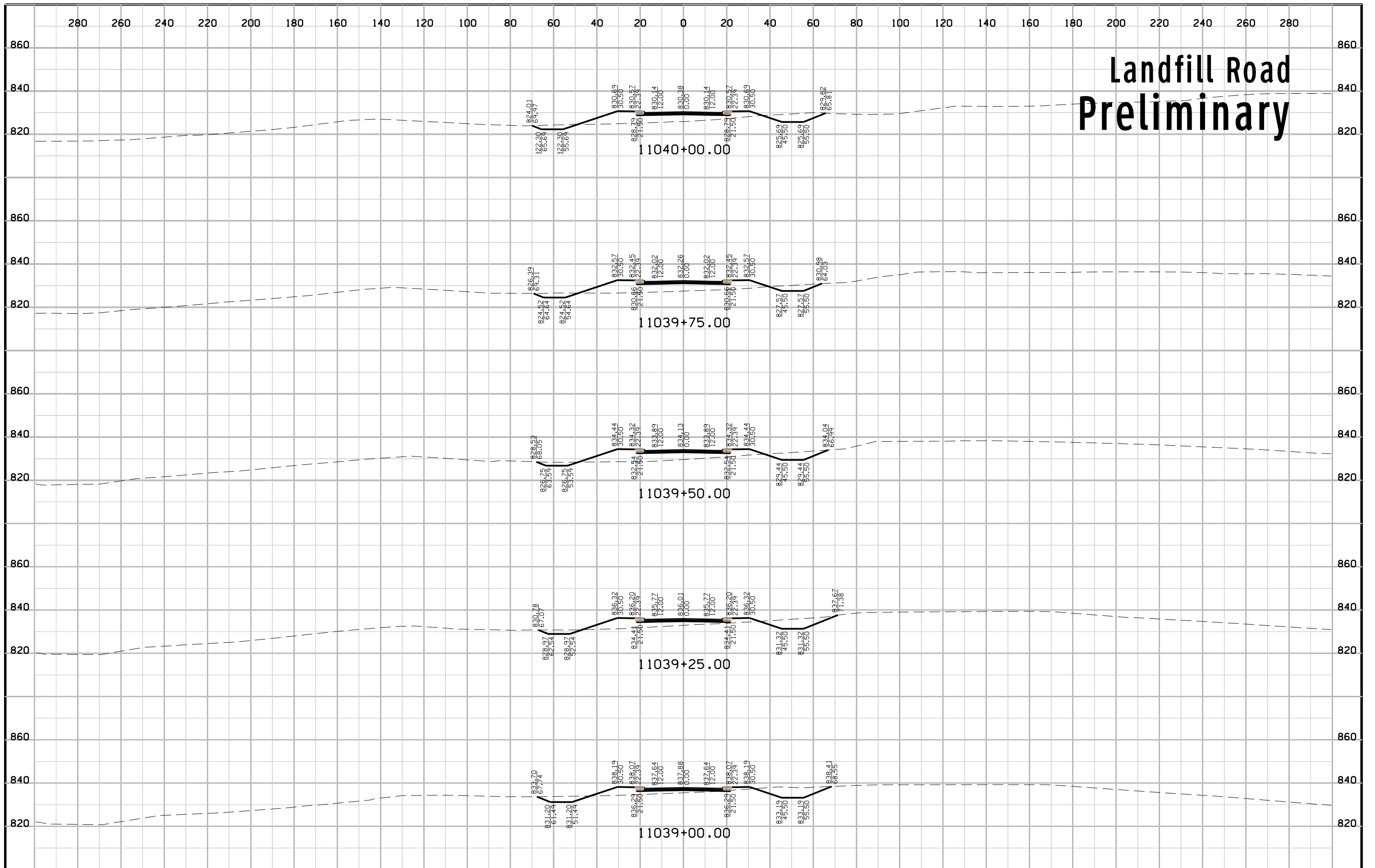
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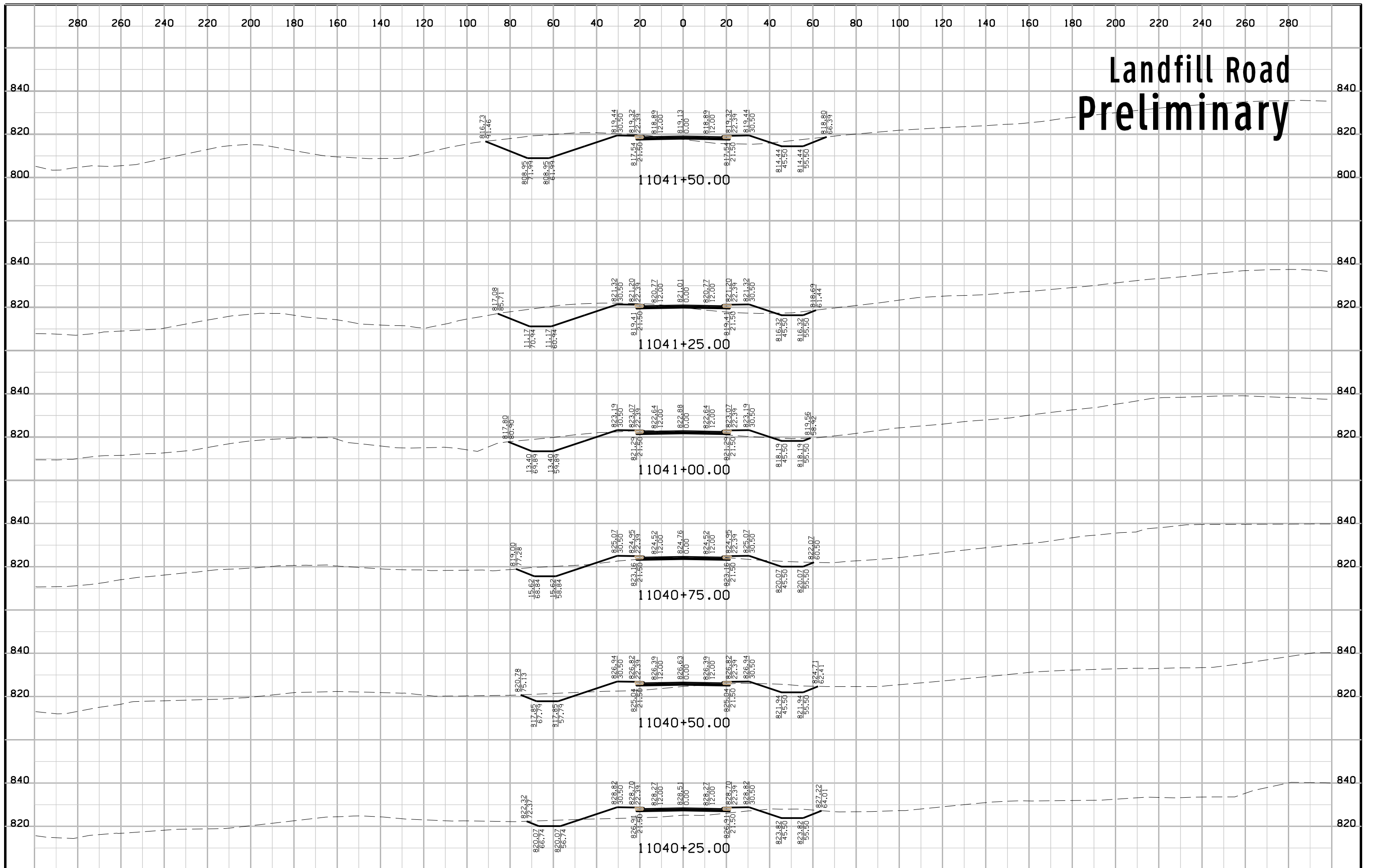
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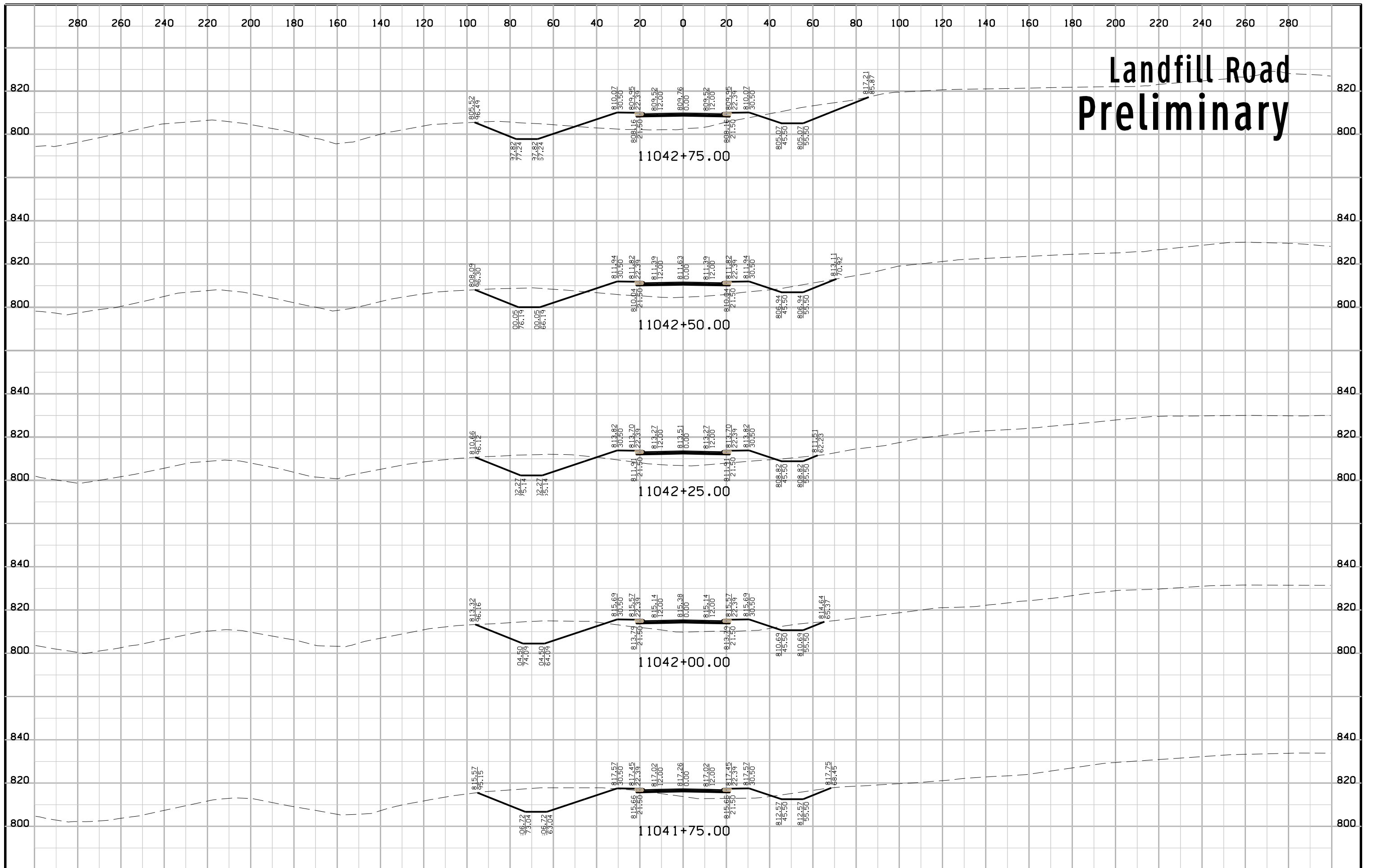
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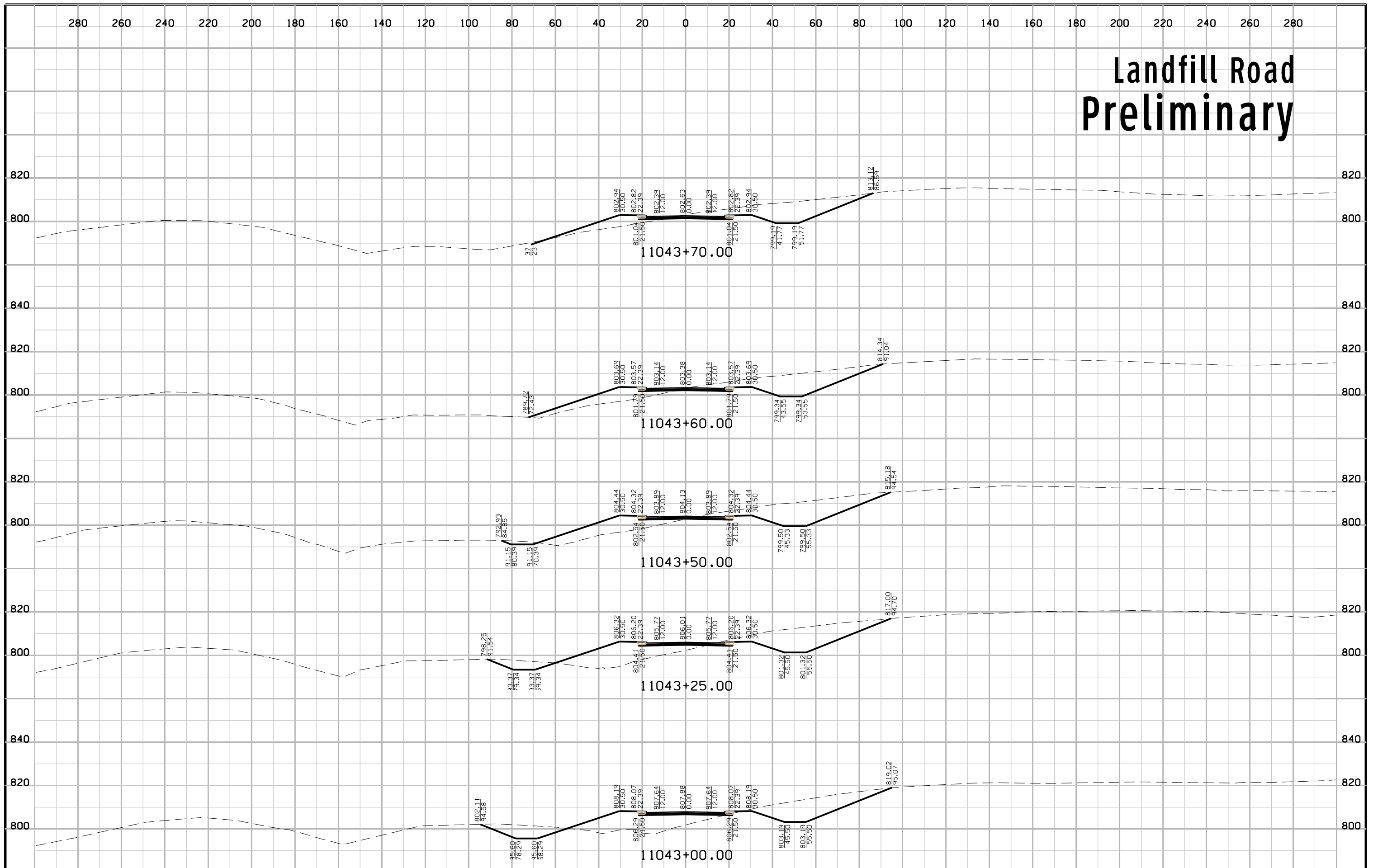
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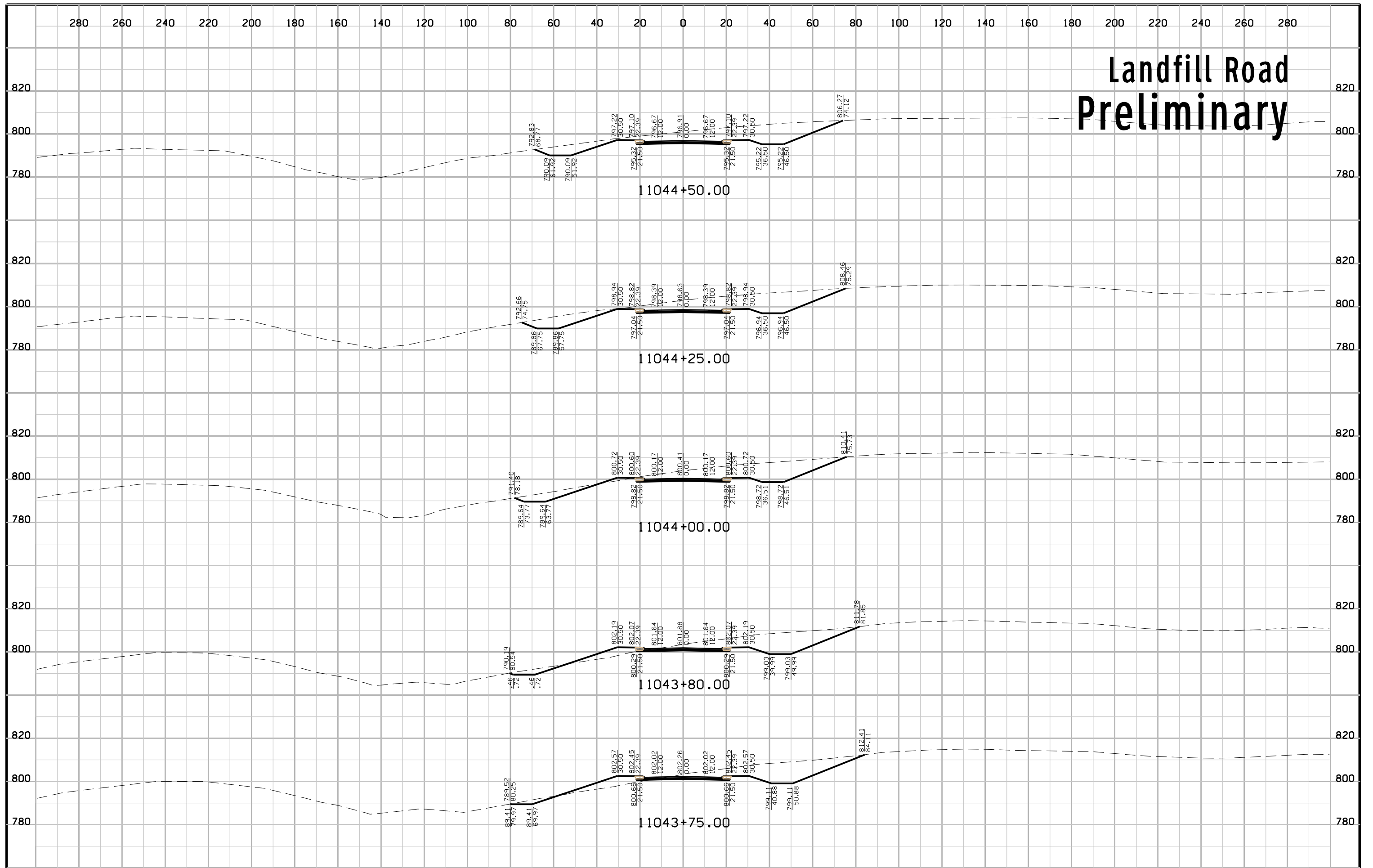
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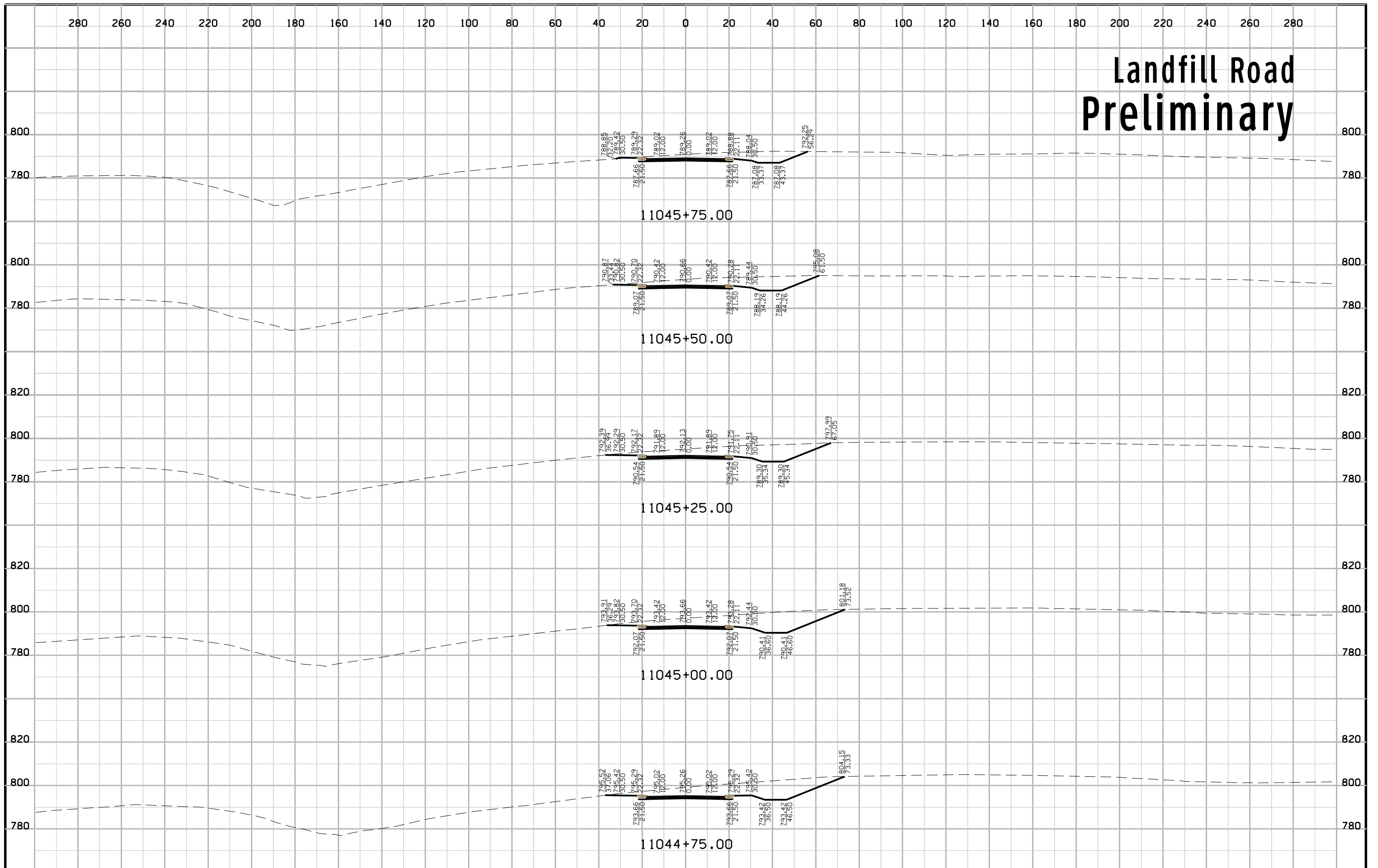
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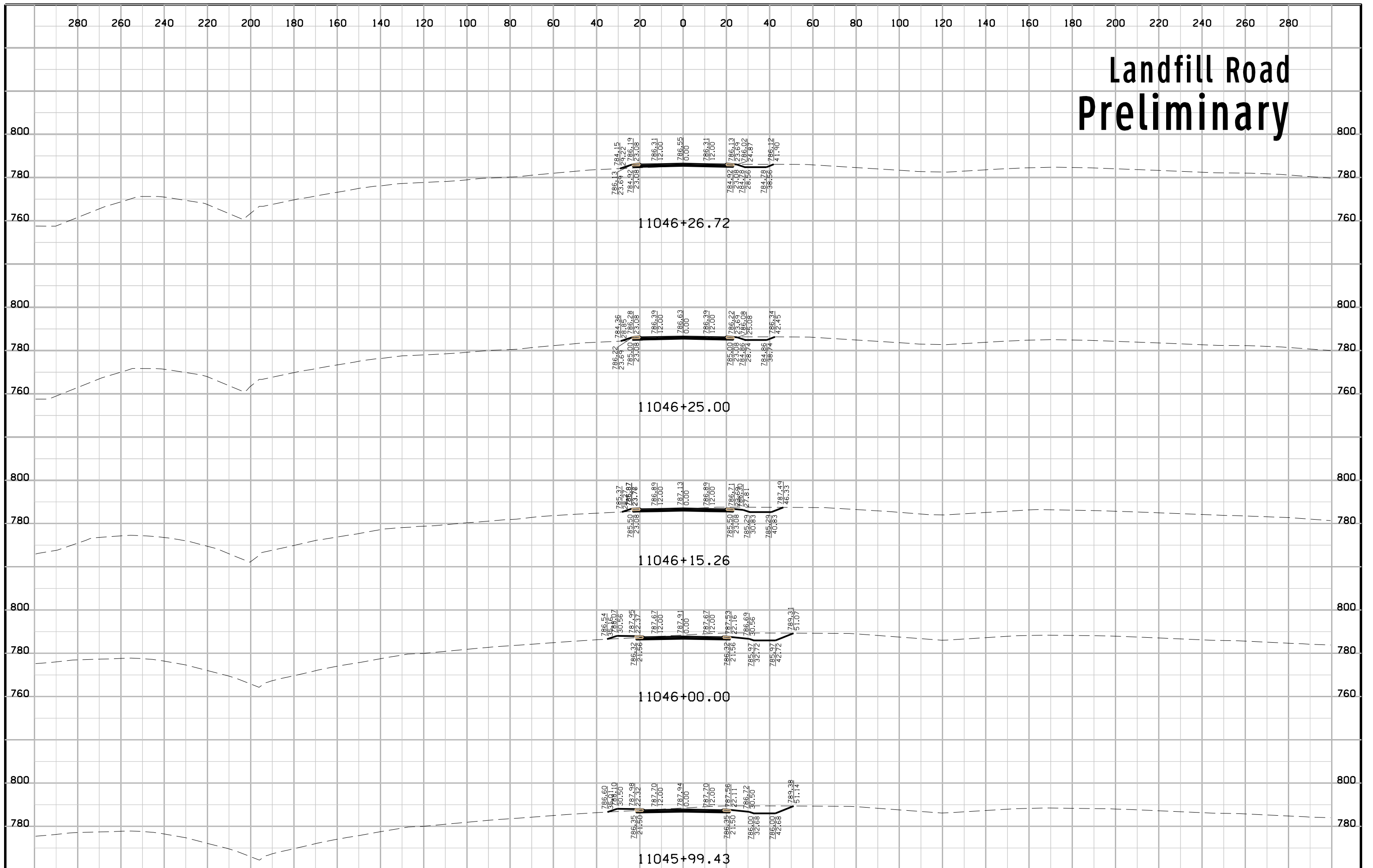
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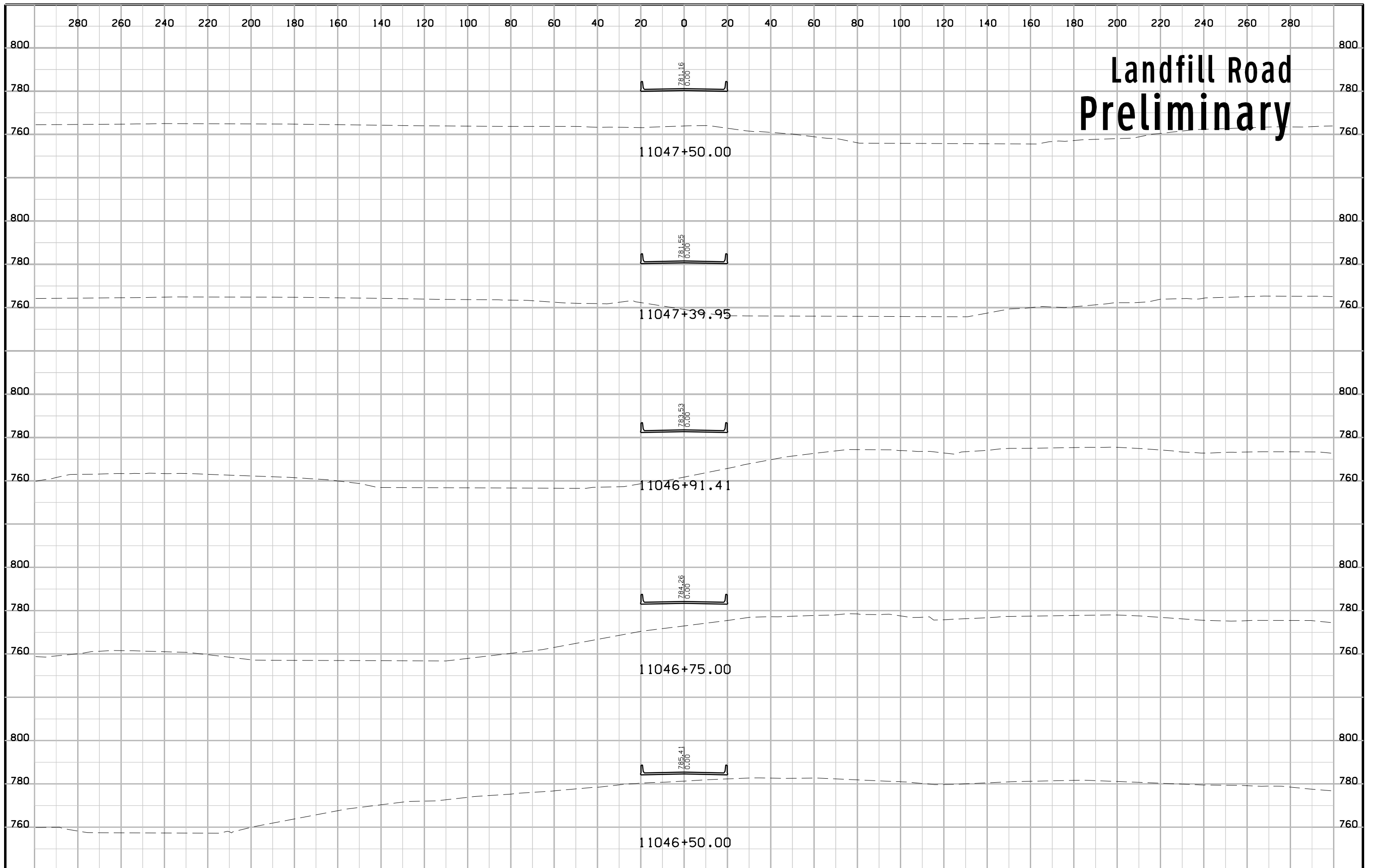
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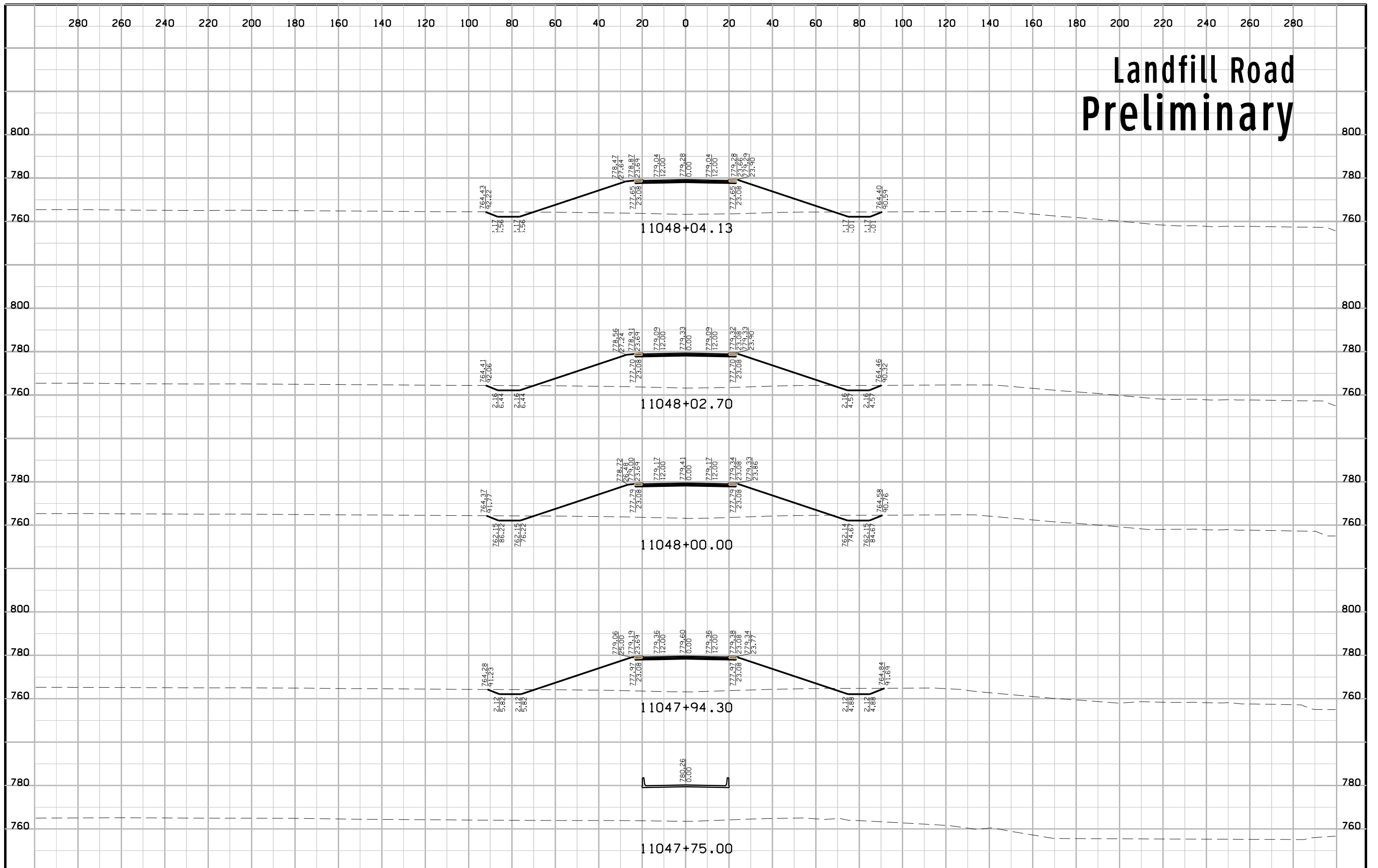
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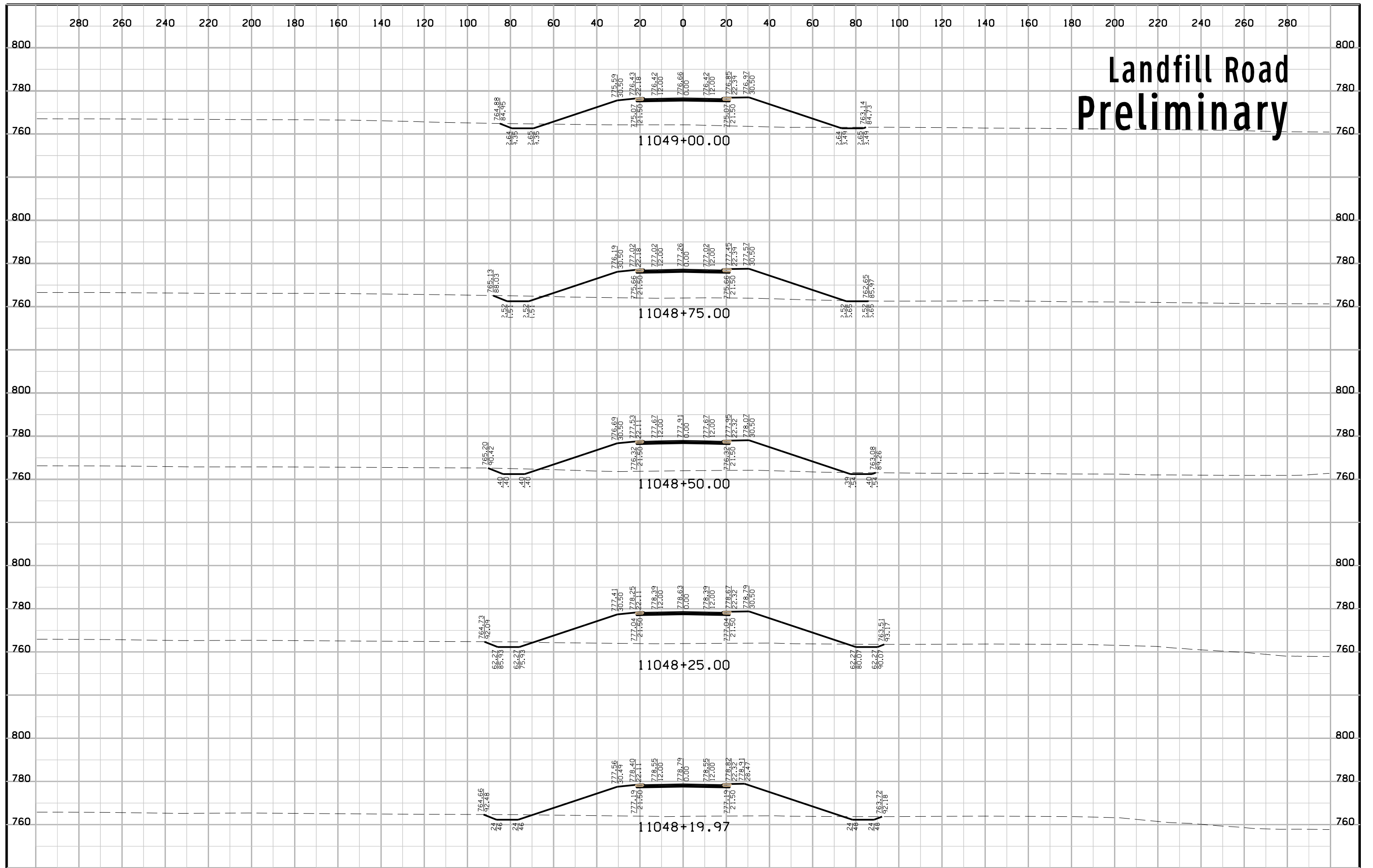
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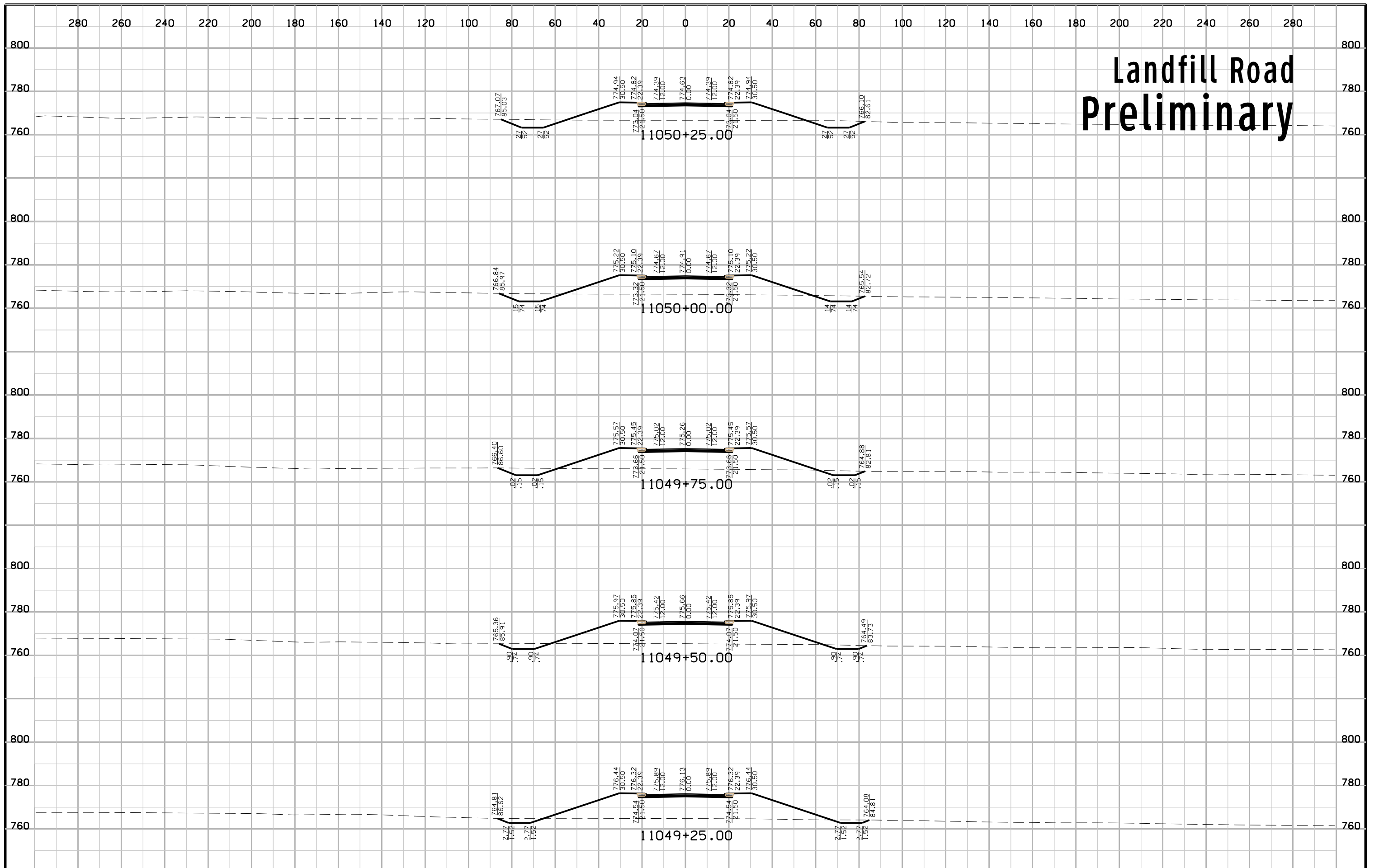
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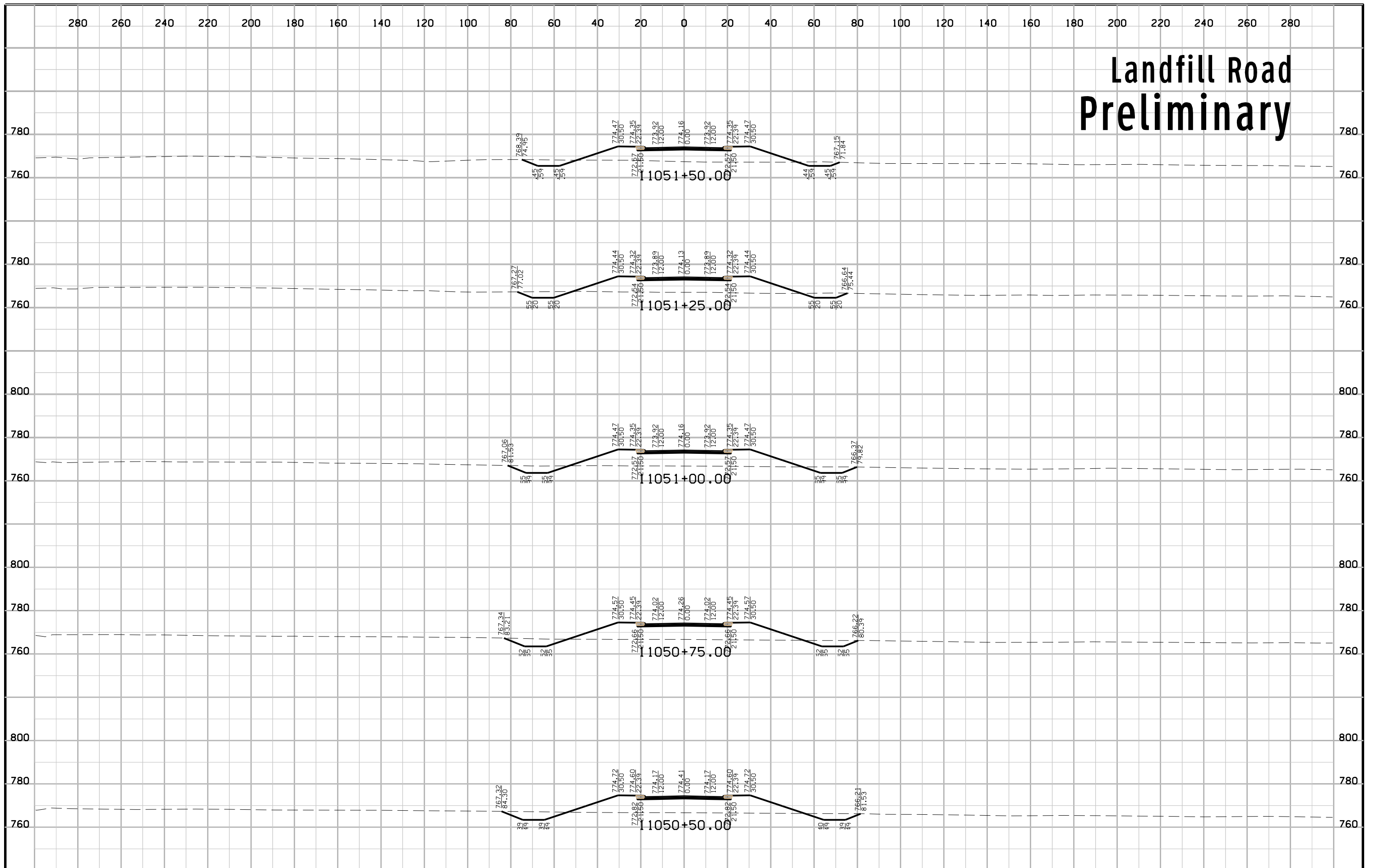
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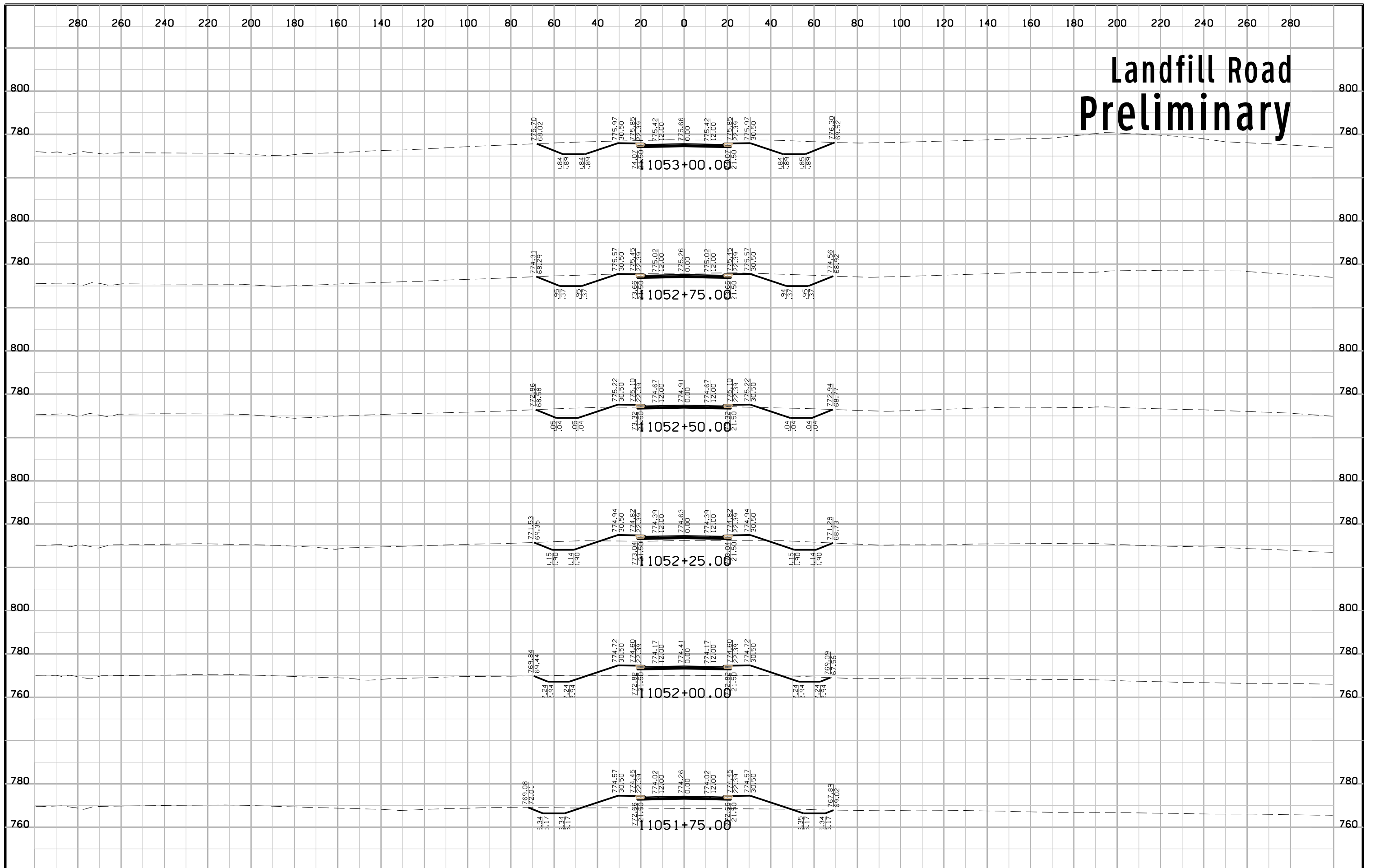
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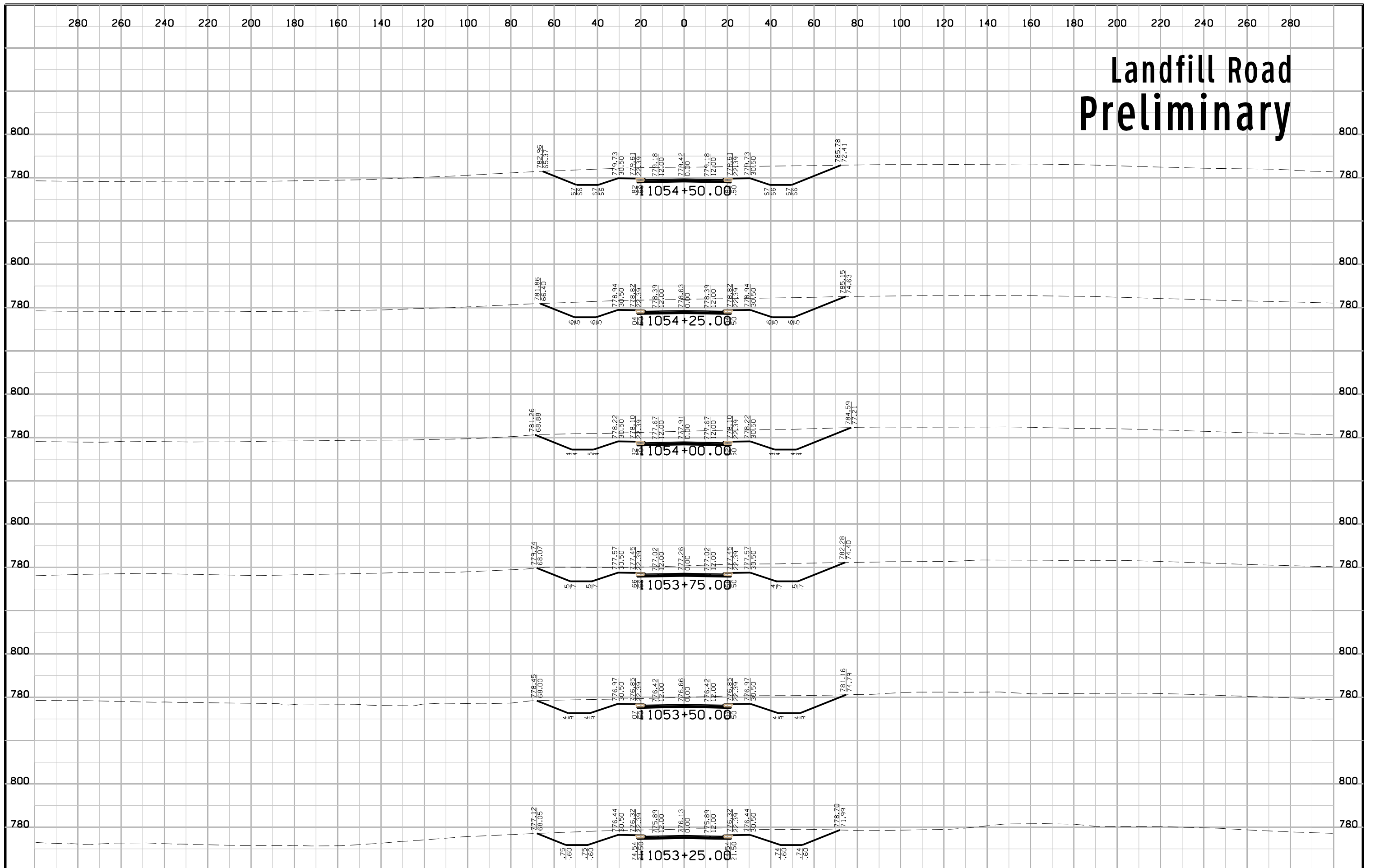
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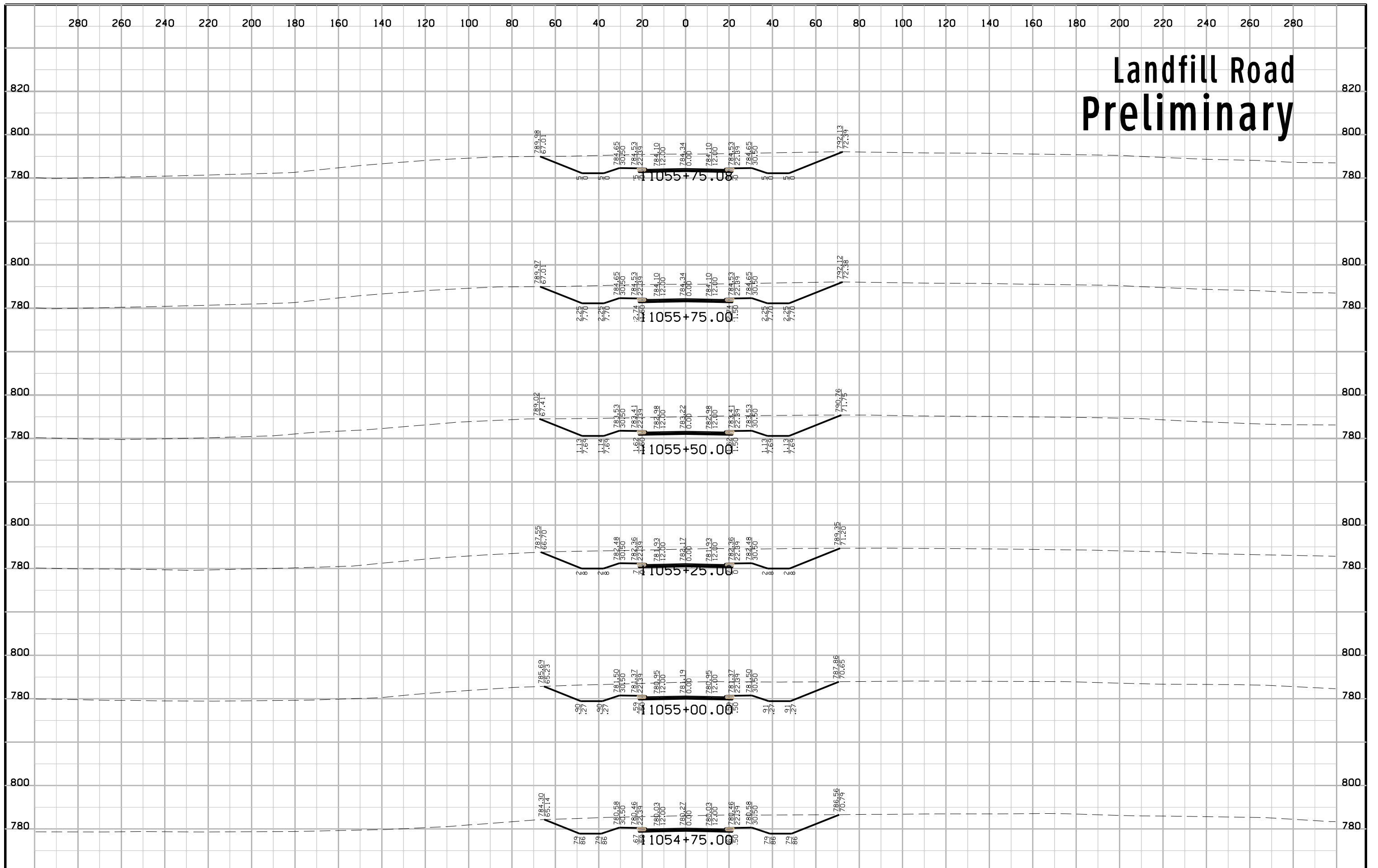
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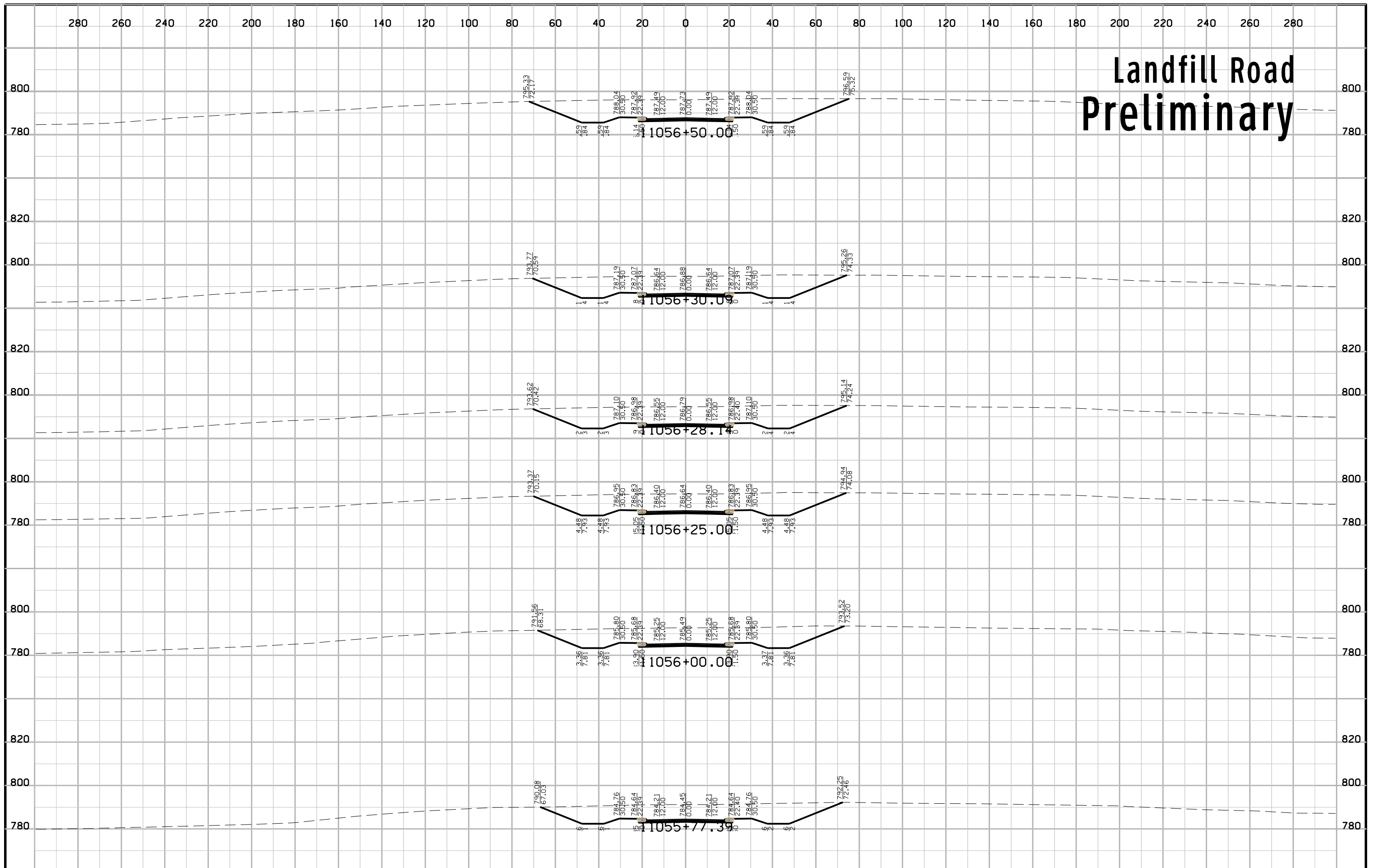
Landfill Road Preliminary



Landfill Road Preliminary



Landfill Road Preliminary



Landfill Road Preliminary

