

LETTING DATE
04-17-2018

SLIDE REPAIR
STPN-078-5(7)--2J-58

LOUISA CO.



Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

LOUISA COUNTY

SLIDE REPAIR

REVISIONS

TOTAL

PROJECT IDENTIFICATION NUMBER

17-58-078-020

PROJECT NUMBER

STPN-078-5(7)--2J-58

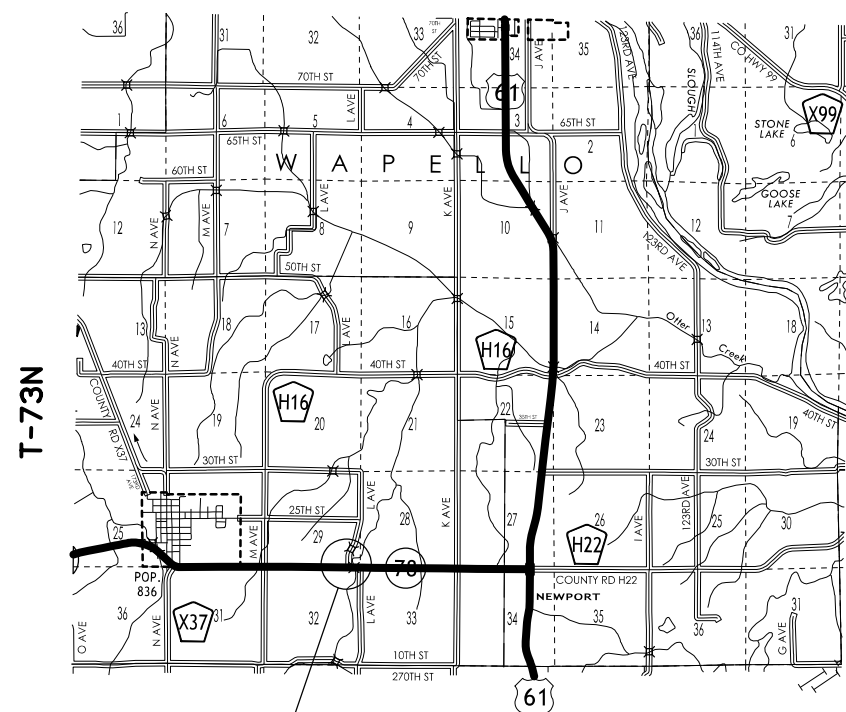
R.O.W. PROJECT NUMBER

STPN-078-5(8)--2J-58

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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

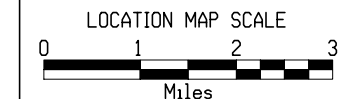
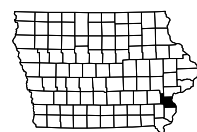


R-3W

PROJECT LOCATION

STA. 101+84

REF. LOCATION 56.7



D5 Submittal - 09-26-17

EVENT	DATE
D5	Sept. 29, 2017
S3	Dec. 22, 2017
D9	Feb. 06, 2018
L4	Apr. 17, 2018

DESIGN DATA ~~BBB~~

2014	AADT	2100	V.P.D.
20--	AADT	--	V.P.D.
20--	DHV	--	V.P.H.
	TRUCKS	12	%
	Total		
	Design ESALs	--	

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 - Date: Sept. 29, 2017

FILE NO.

ENGLISH

DESIGN TEAM HOLST \ MAACH \ CAMPBELL

LOUISA COUNTY

PROJECT NUMBER

STPN-078-5(7)--2J-58

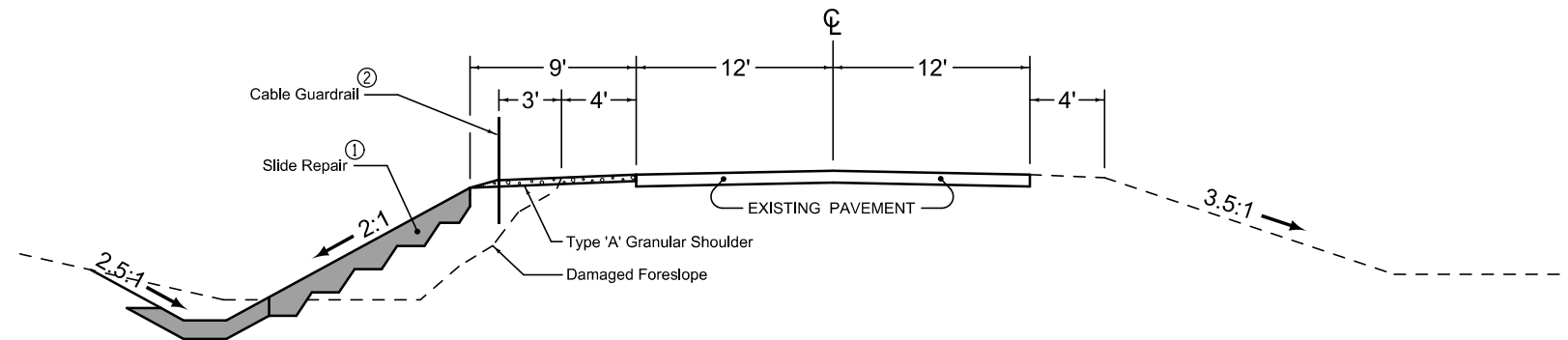
SHEET NUMBER

A.1

10:18:17 AM 10/2/2017

wnading

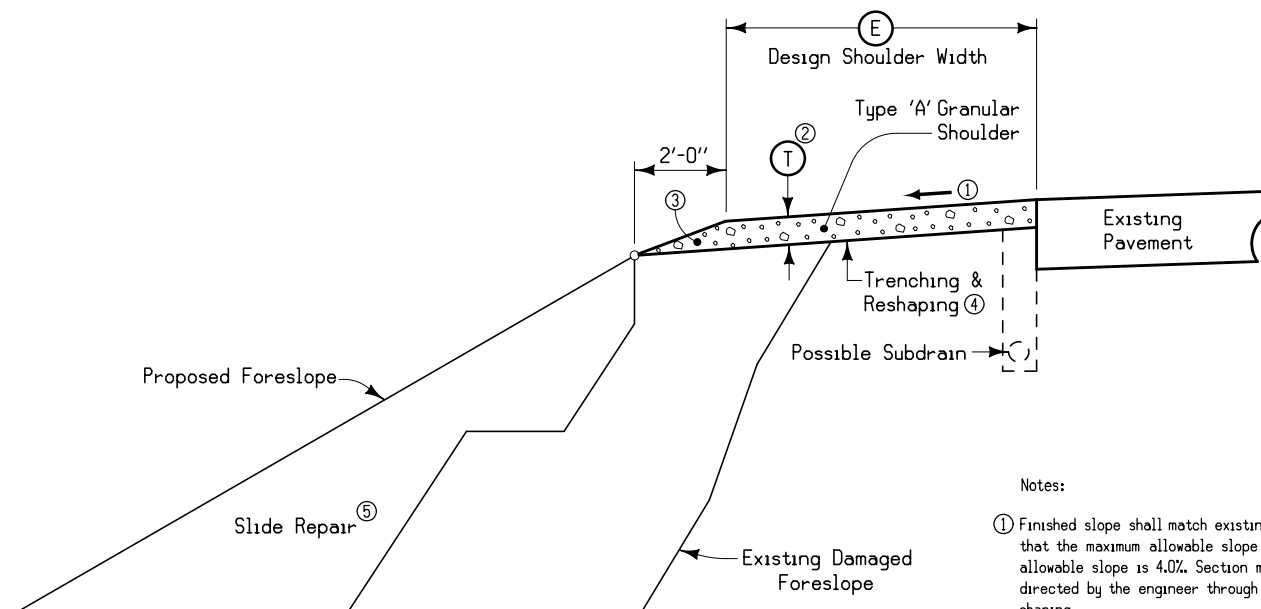
pw:\projectwise.dot.int.lan:PWMain\Documents\Projects\5807802017\Design\58078007-A01.sht



- ① Refer to Cross Sections for additional information.
- ② Refer to other details in this plan for additional information.

TABLE OF MAINLINE QUANTITIES (Actual per Location)					
STATION TO STATION		CLASS 10 EXCAVATION Cu. Yds.	GRANULAR SHOULDER Tons	CABLE GUARDRAIL Lin. Ft.	REMARKS
101+50.00	103+00.00				

**TYPICAL SECTION
SLIDE REPAIR
WITH CABLE GUARDRAIL**



- Notes:
- ① Finished slope shall match existing pavement except that the maximum allowable slope is 6.0%, minimum allowable slope is 4.0%. Section may be modified as directed by the engineer through areas of special shaping.
 - ② Place additional shoulder material to construct the proper cross slope and correct for the low existing shoulder.
 - ③ Uniform granular surfacing of shoulders.
 - ④ Existing shoulder surface to be shaped to a uniform cross slope prior to placing granular shoulder material.
 - ⑤ Refer to Cross Sections for additional information.














**TYPICAL SECTION
FOR TYPE 'A'
GRANULAR SHOULDER**

LOCATION			① Inches	② Feet	REMARKS
ROAD IDENTIFICATION	STATION TO STATION	SIDE			
Ia. 78	101+50.00 103+00.00	Left	6.0	7.0	







SURVEY SYMBOLS













UTILITY LEGEND









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

**PLAN AND PROFILE
LEGEND AND SYMBOL
INFORMATION SHEET**

(COVERS SHEET SERIES D, E, F, & K)



MORNING SUN TWP.
T-73N R-18W
SEC. 32

SEC. 29

95

100

105

IA 78

IA 78

Ex. R/W

Ex. R/W

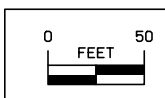
Ex. R/W

Ex. R/W

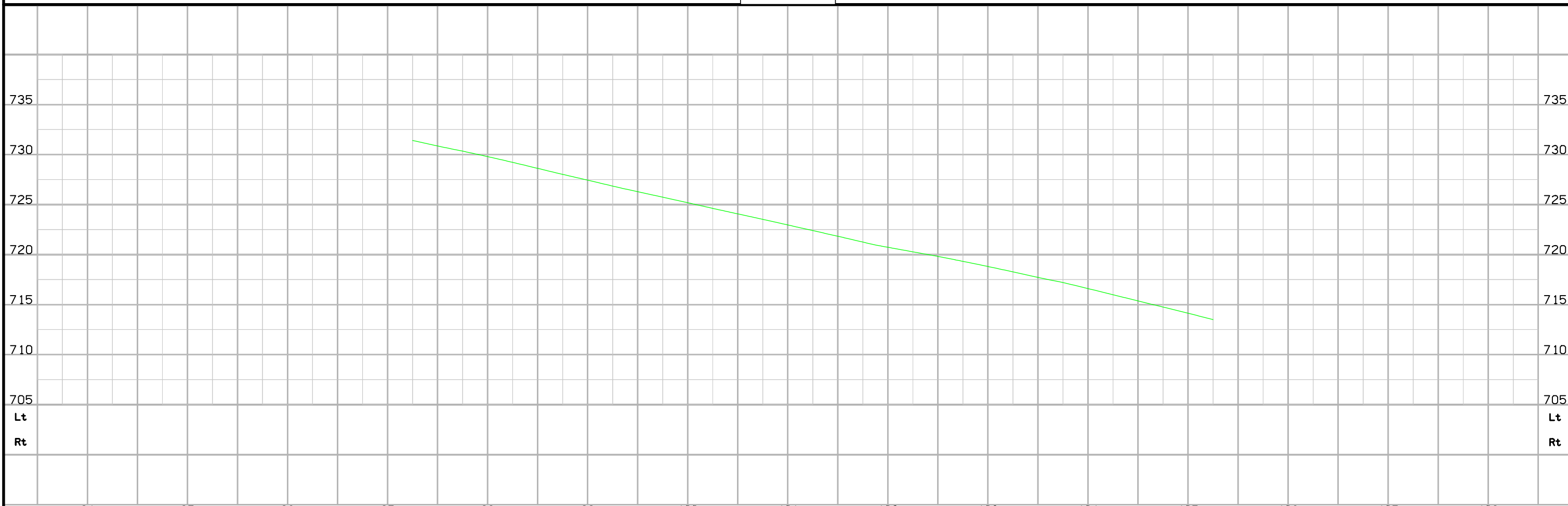
Sta. 99+73.6(SUR)
18"X30.3' RCP RT-43.7'

Sta. 101+84.24(SUR)
24"X96' RCP
D.A. = 10A H
REMOVE 12' Lt & 6' Rt
Extend 40'+Ap Lt & 12'+Ap Rt
with 24" 20000 RCP

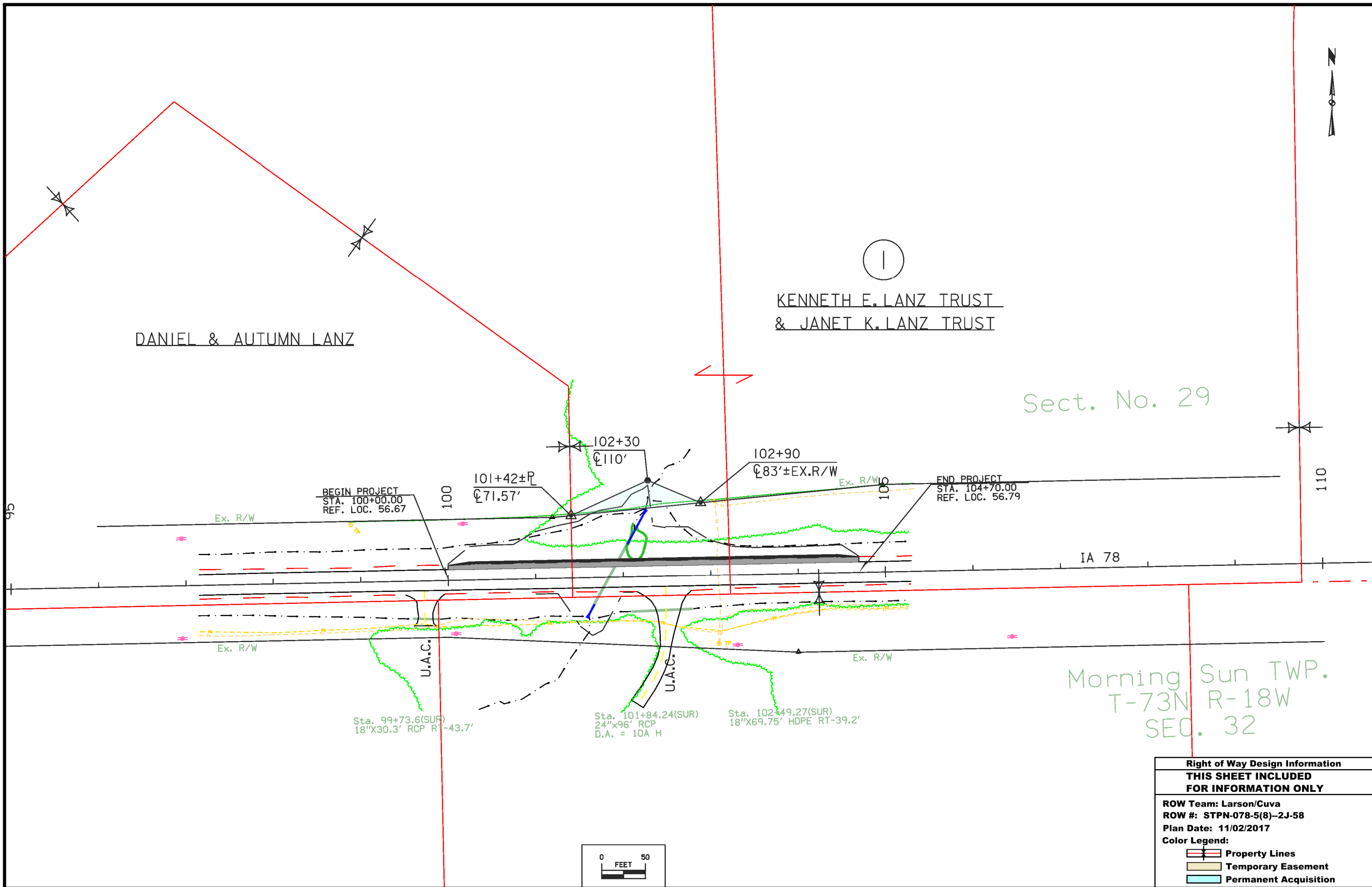
Sta. 102+49.27(SUR)
18"X69.75' HDPE RT-39.2'



F.L. = Lt. 690.90
Rt. 710.42



NO ACCESS RIGHTS ARE TO BE ACQUIRED ON THIS PROJECT.



DANIEL & AUTUMN LANZ

KENNETH E. LANZ TRUST
& JANET K. LANZ TRUST

Sect. No. 29

Morning Sun TWP.
T-73N R-18W
SEC. 32

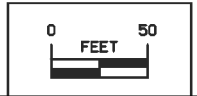
BEGIN PROJECT
STA. 100+00.00
REF. LOC. 56.67

END PROJECT
STA. 104+70.00
REF. LOC. 56.79

Sta. 99+73.6(SUR)
18"X30.3' RCP RT-43.7'

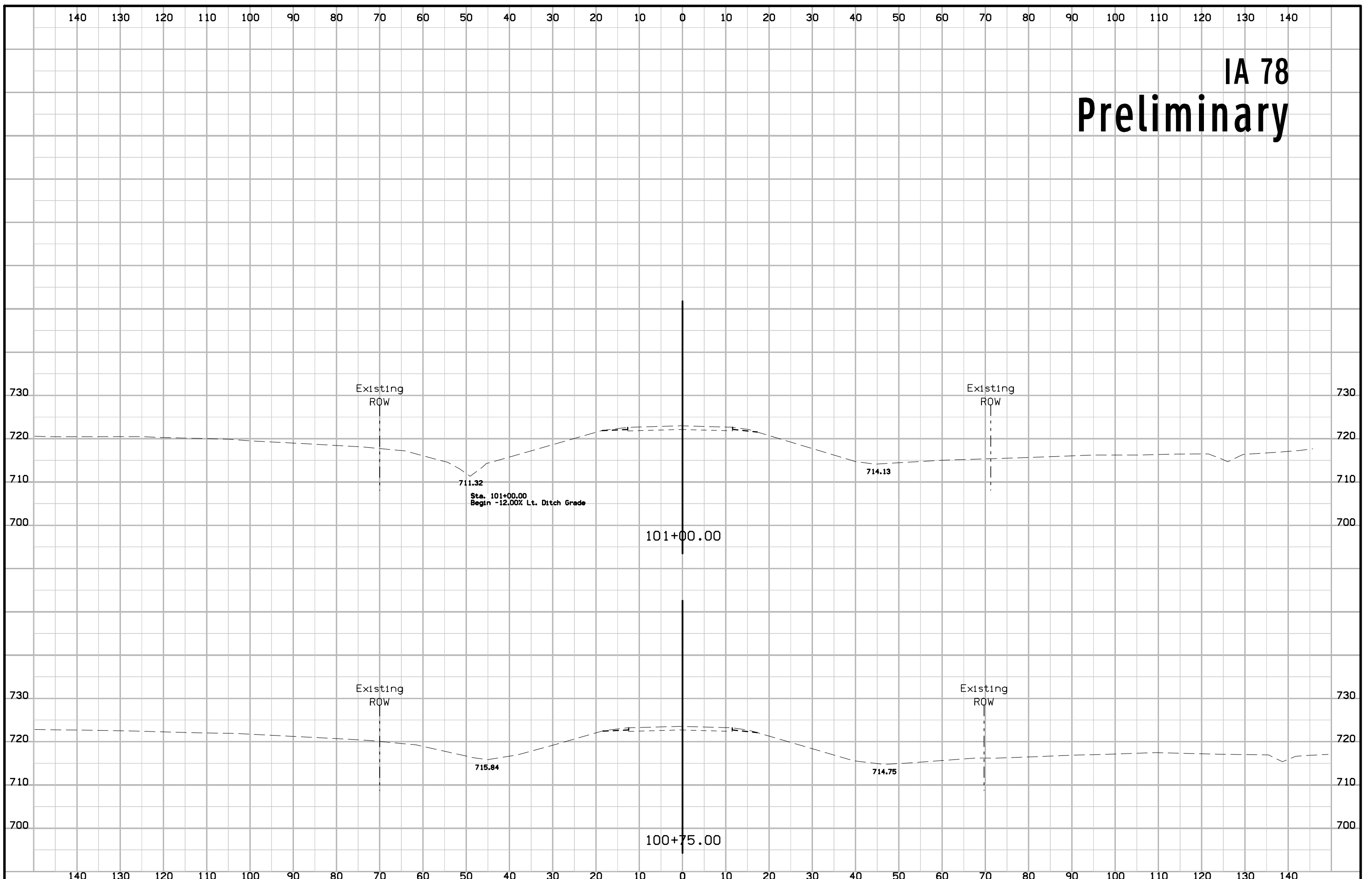
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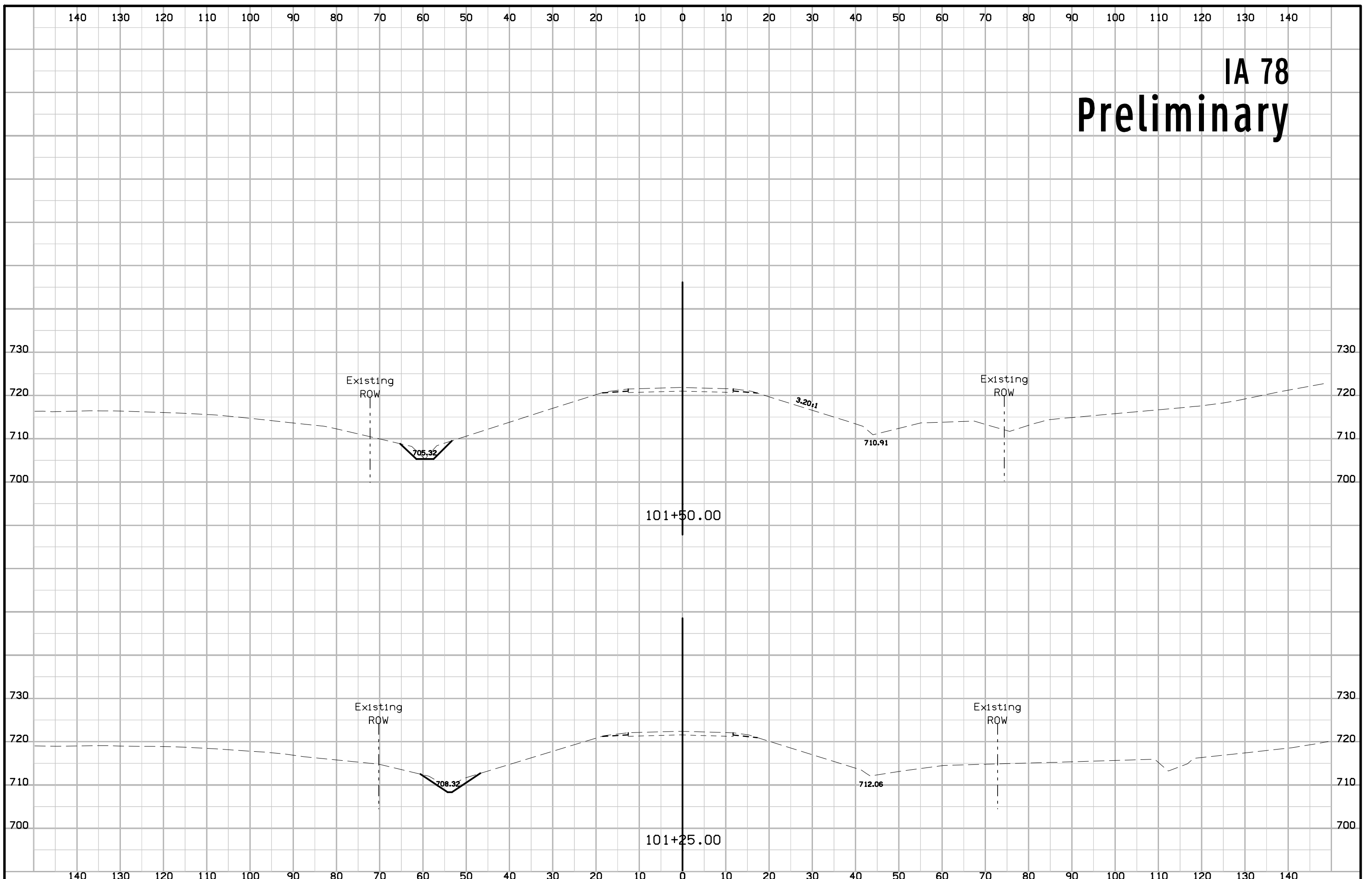


Right of Way Design Information	
THIS SHEET INCLUDED FOR INFORMATION ONLY	
ROW Team: Larson/Cuva	
ROW #: STPN-078-5(8)--2J-58	
Plan Date: 11/02/2017	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition

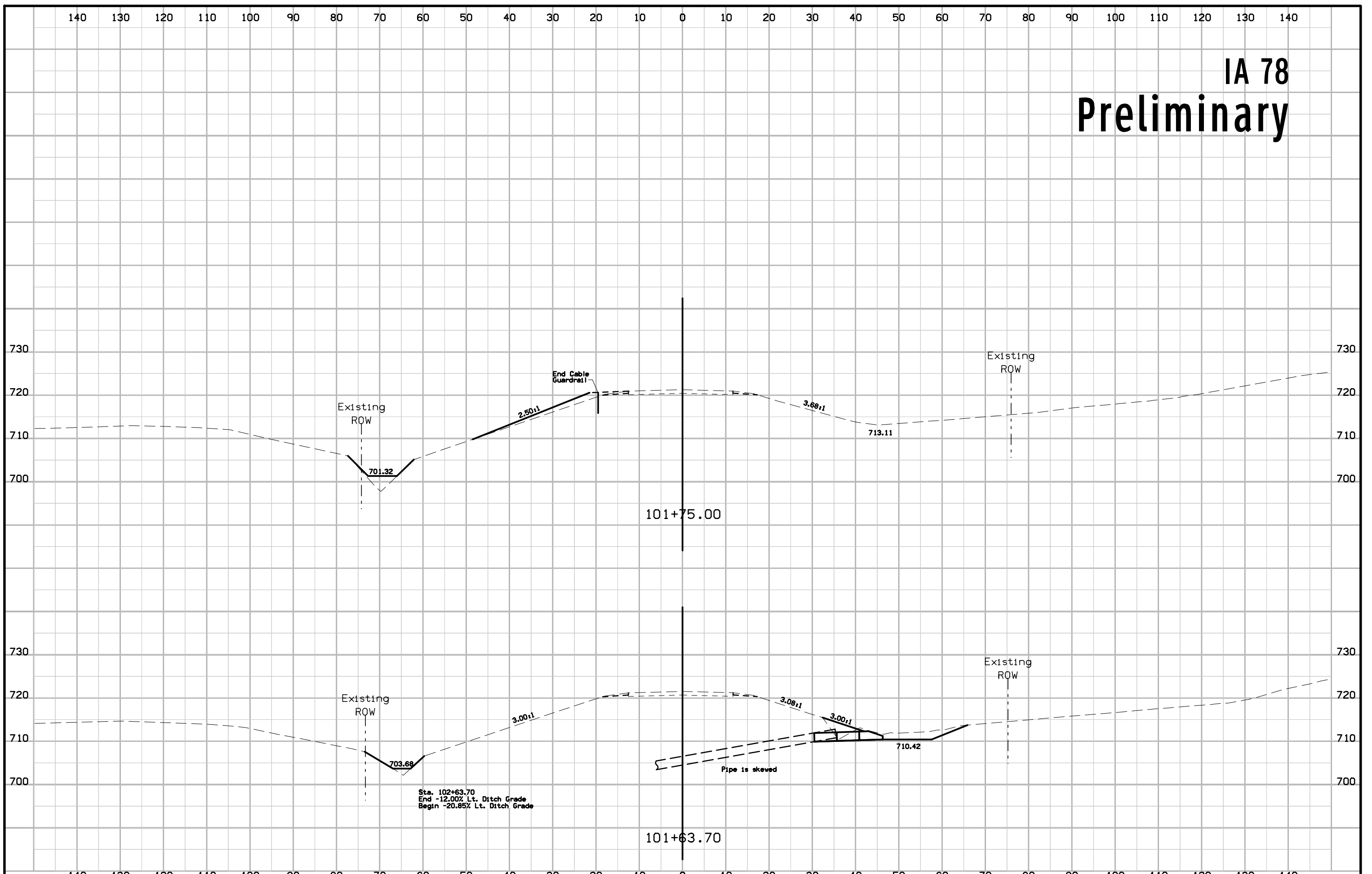
IA 78 Preliminary



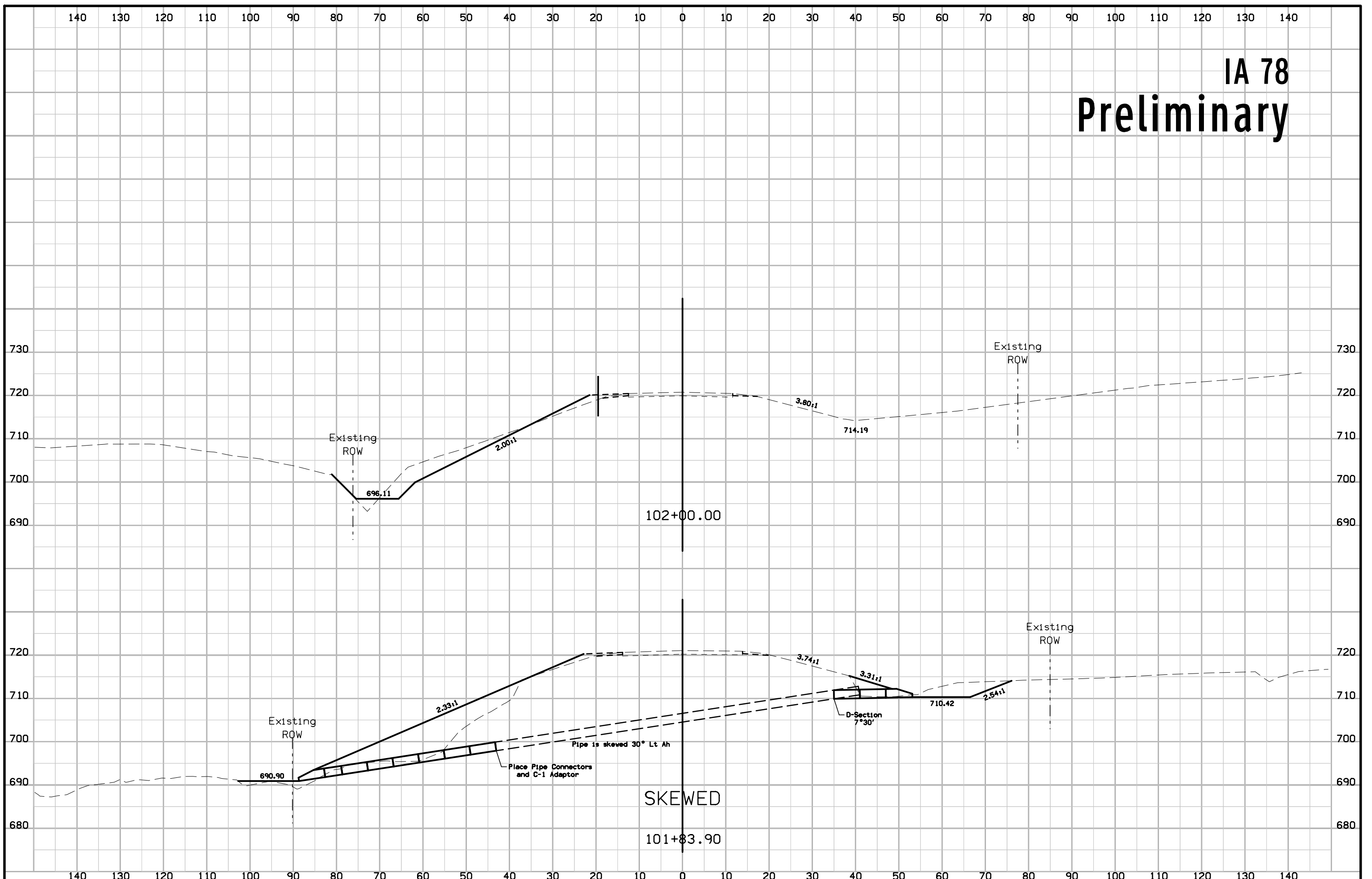
IA 78 Preliminary



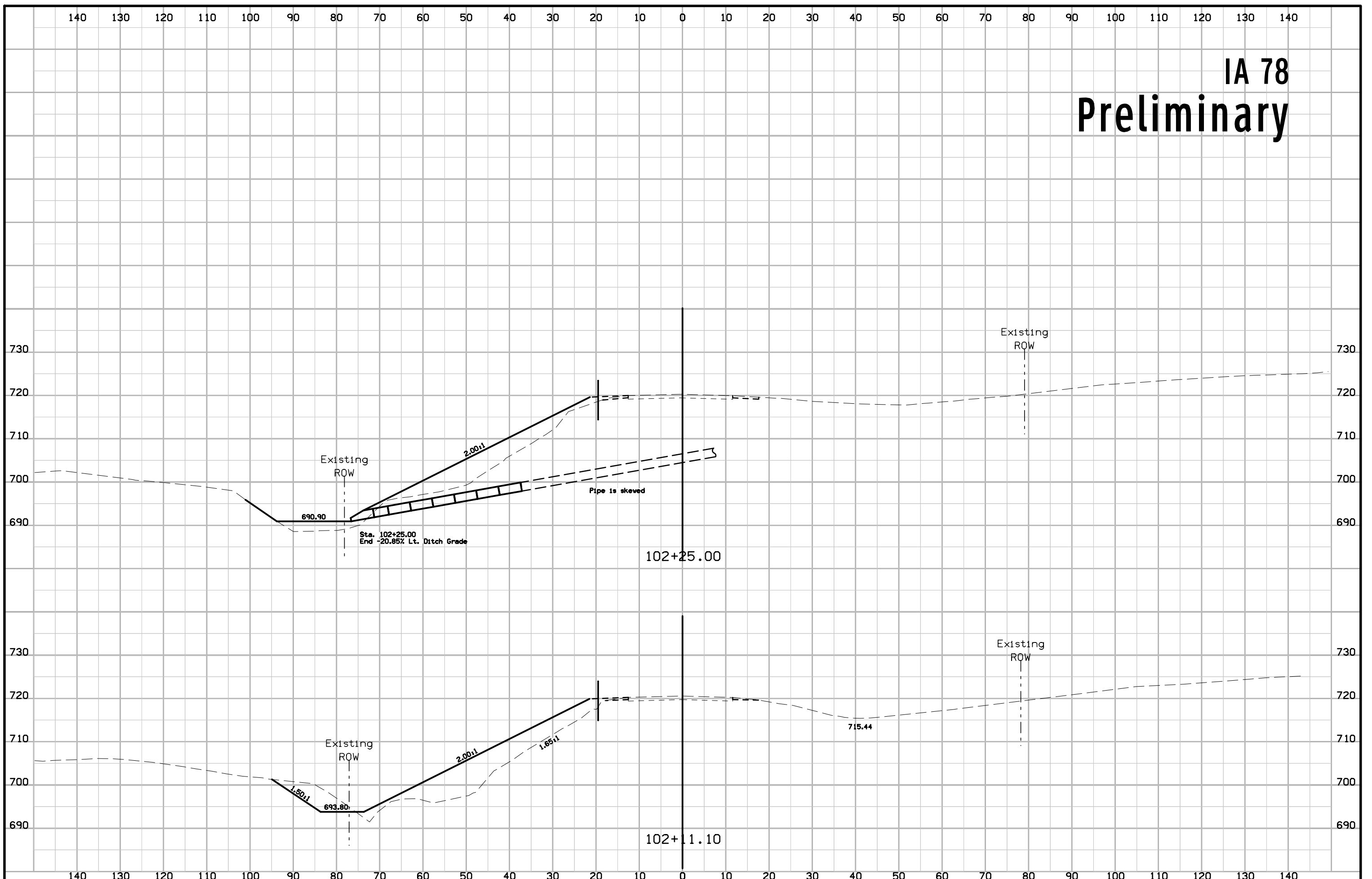
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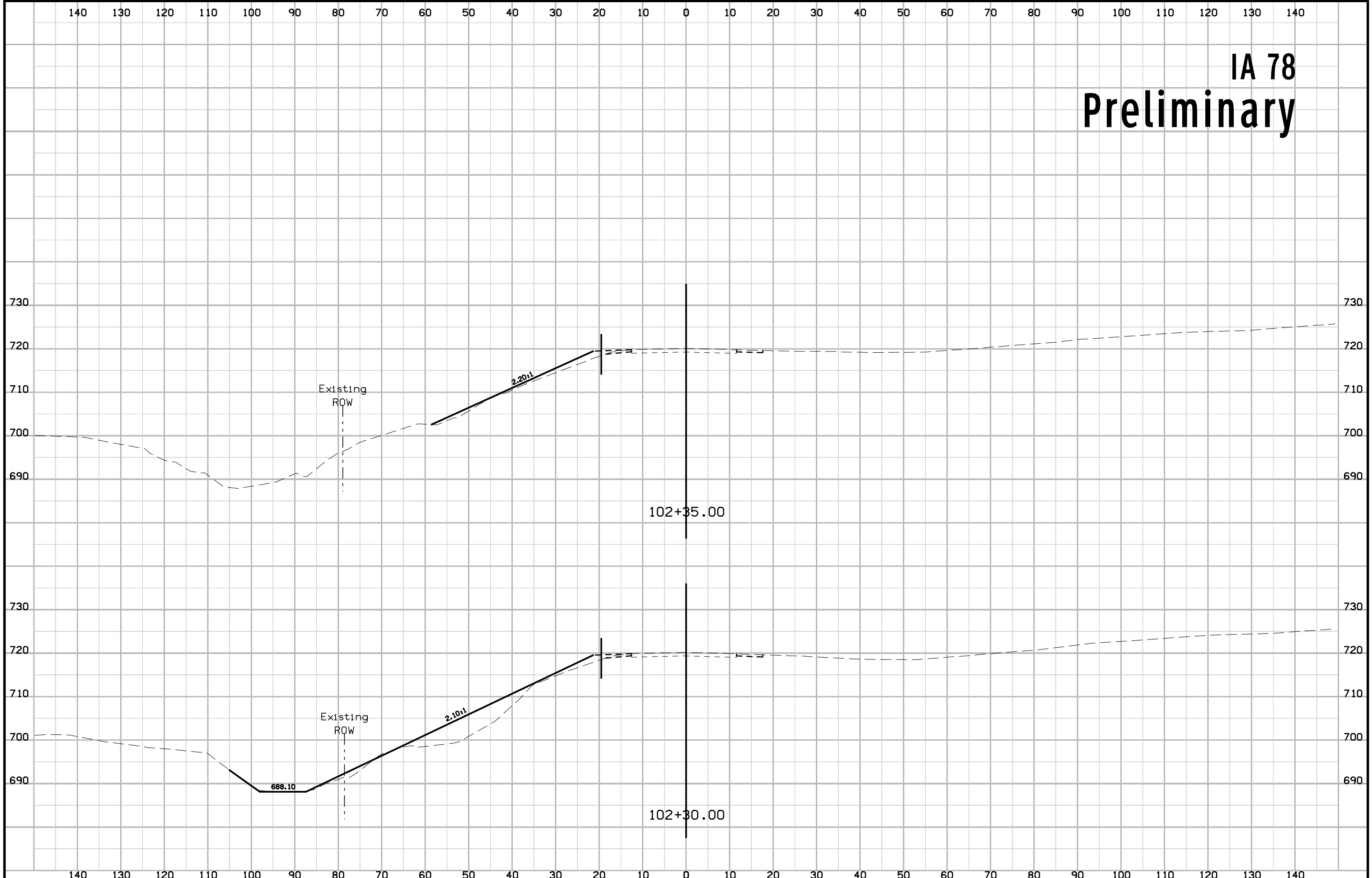
IA 78 Preliminary



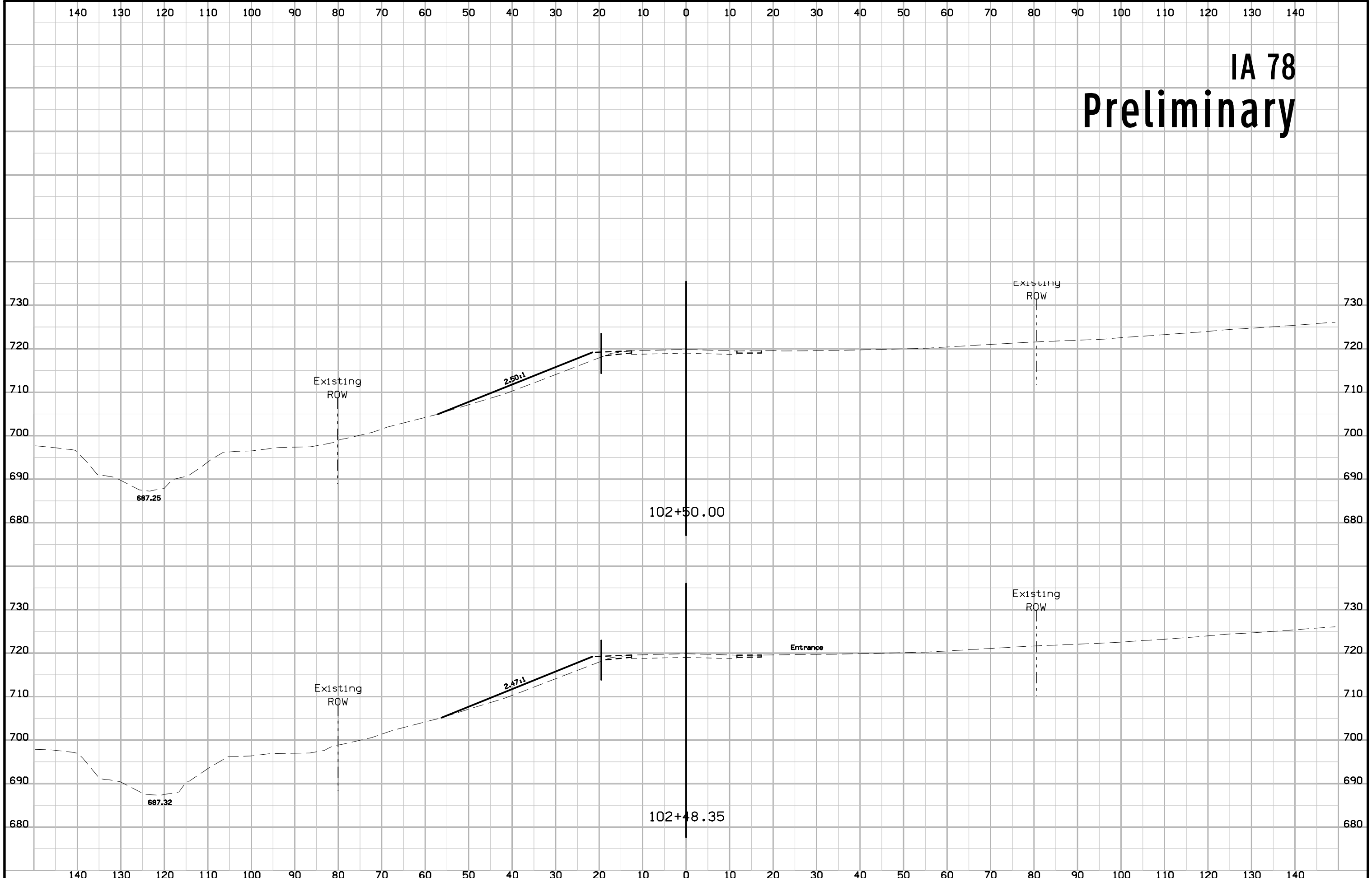
IA 78 Preliminary



IA 78 Preliminary



IA 78 Preliminary



IA 78 Preliminary

