

HMA PAVEMENT WIDENING
 STPN-010-2(39)--2J-71

LETTING DATE
 12-15-2020

O'BRIEN CO.



Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

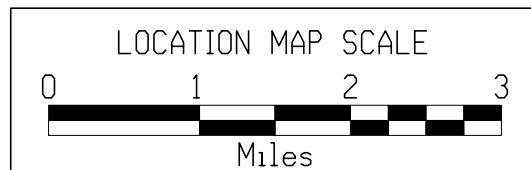
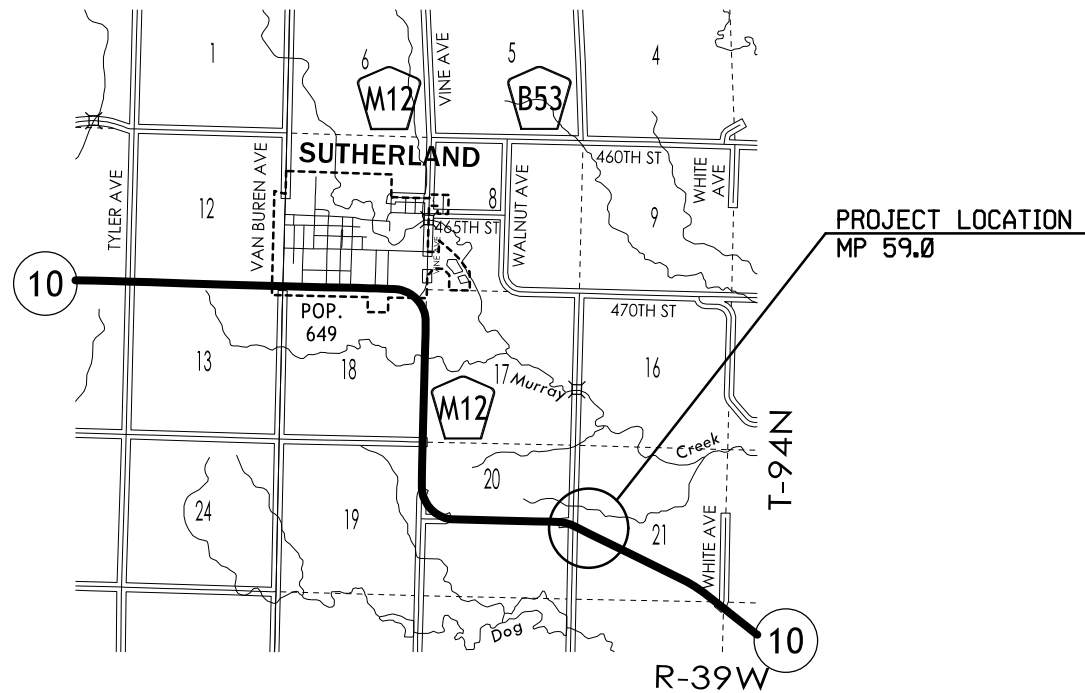
**PRIMARY ROAD SYSTEM
O'BRIEN COUNTY
HMA PAVEMENT WIDENING**

0.1 MI E OF E JCT CO RD M12

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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



DESIGN DATA RURAL			
2019	AADT	730	V.P.D.
2039	AADT	876	V.P.D.
2039	DHV	--	V.P.H.
	TRUCKS	26	%
	Total		
	Design ESALs	--	

INDEX OF SEALS		
SHEET NO.	NAME	TYPE
A.1	TODD E. HUJU	Primary Signature Block

ROADWAY DESIGN

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signature: TODD E. HUJU Date: 03/02/20

Printed or Typed Name: TODD E. HUJU

My license renewal date is December 31, 2020

Pages or sheets covered by this seal: A.1, C.1, J.1

REVISIONS	TOTAL
	3
PROJECT IDENTIFICATION NUMBER	
19-71-010-020	
PROJECT NUMBER	
STPN-010-2(39)--2J-71	
R.O.W. PROJECT NUMBER	
STPN-010-2(40)--2J-71	

Preliminary – D05

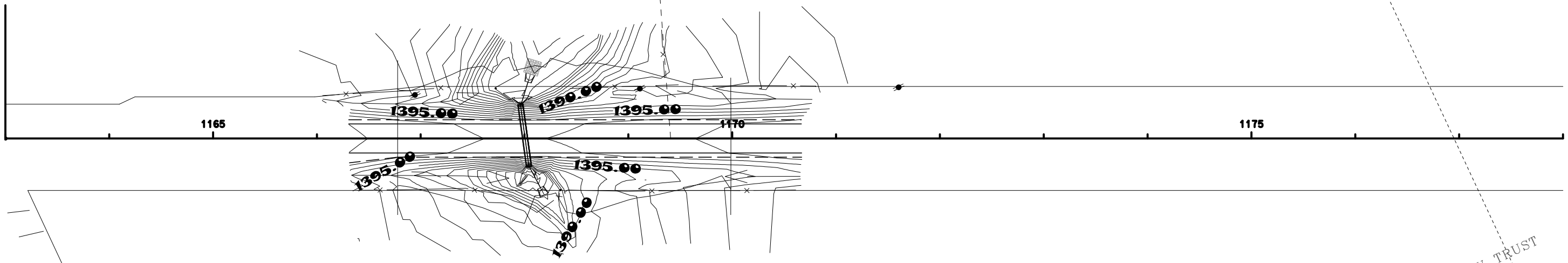
INDEX OF SHEETS		105-3
No.	Description	10-18-05
A.1	TITLE SHEET & LOCATON MAP	
D.1	IA 10	
W.1 - W.5	MAINLINE CROSS SECTIONS	

Preliminary - D05

RONALD H. & PAMELA J. REV. TRUST

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Waterman TWP.
T-94N R-39W
SEC. 21



Sta. 1168+00.5
 4.0'x5.7'x60.6' RCB
 Skew= 7°55' RAH
 D.A.=30 Ac R (Per Plan F.A. 566A)

Remove parapet and wingwalls Rt. and Lt.
 Extend RT. 24' x 66" RCP w/ Apron
 20° bend at RCB connection
 Extend LT. 24' x 66" RCP w/ Apron
 25° bend at RCB connection

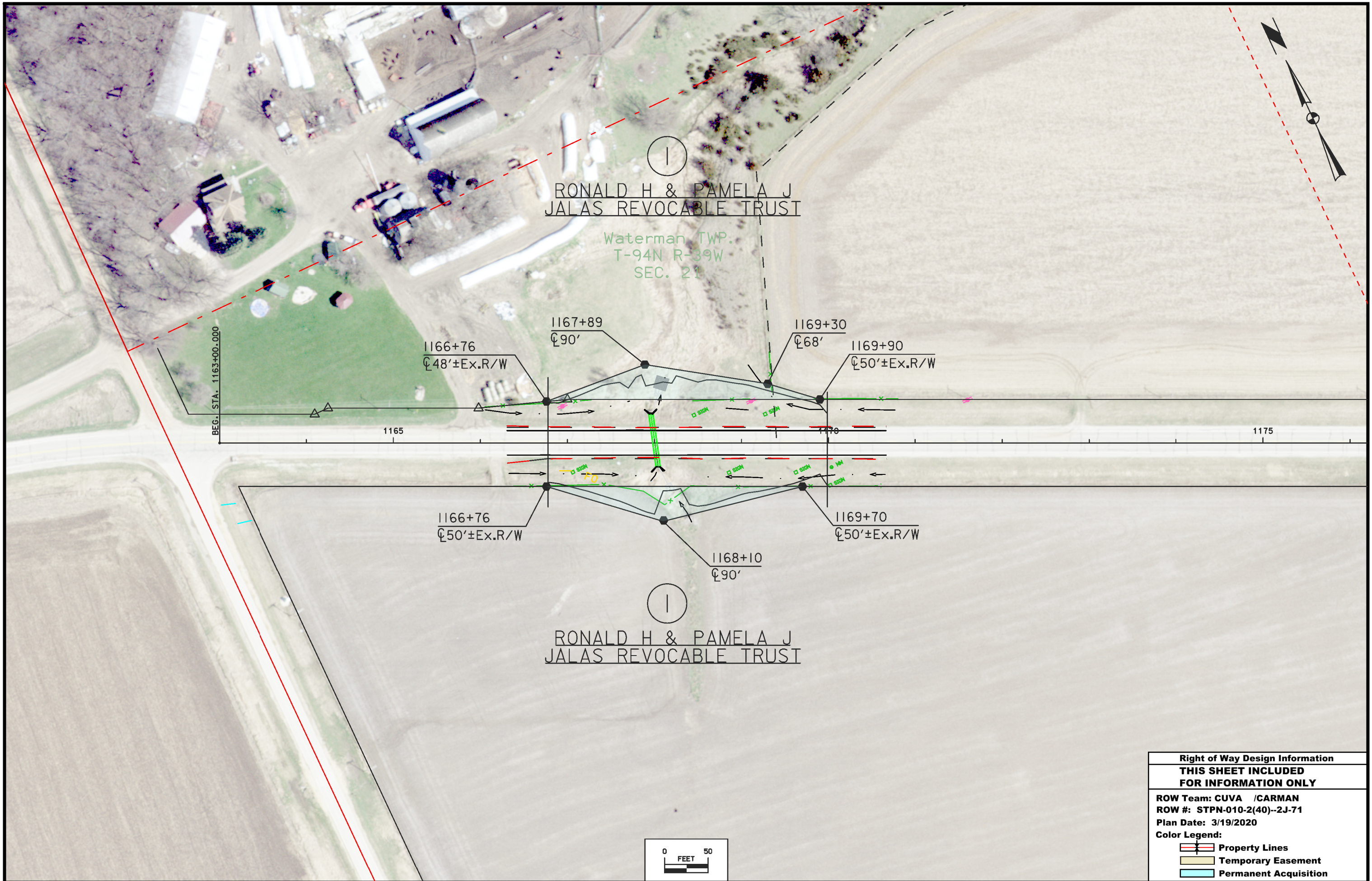
NW 1/4 SW 1/4
 SEC. 21-T94N-R39W




RONALD H. & PAMELA J. REV. TRUST

APPROX. SEC. LINE

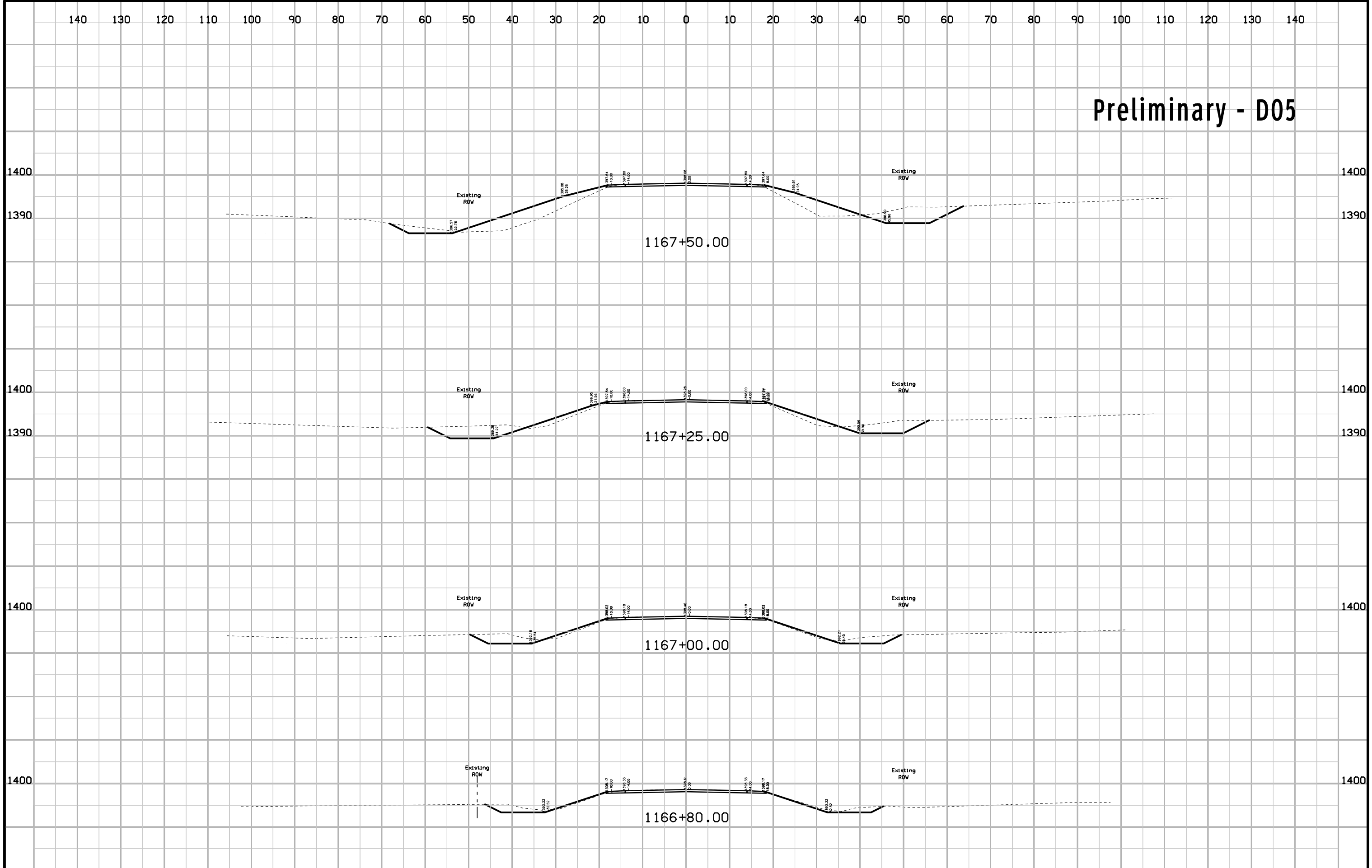
O'Brien	ROW: STPN-010-2(40)--2J-71					PIN 19-71-010-020														
	0.1 mi E of E Jct Co Rd M12																			
		STATE		COUNTY		CITY			TEMP EASE	BORROW										
PARCEL NO.	OWNER NAME	FEE	EASE	FEE	EASE	FEE	EASE	EXCESS			FEE	T.E.	MITIGATION	OTHER	HOUSE	BUILDING(S)	A/C ONLY	TOTAL ACQ.		
1	Ronald H & Pamela J J alas Revocable Trust - Fee		0.3 AC																	
1 Parcel	"TOTALS	0 AC	0.3 AC	0 AC	0 AC	0 AC	0 AC	0 AC	0 AC	0 AC	0 AC	0 AC	0 AC	0 AC						
		0 SF		0 SF	0 SF	0 SF	0 SF	0 SF	0 SF	0 SF	0 SF	0 SF								

NO ACCESS RIGHTS ARE TO BE ACQUIRED ON THIS PROJECT.

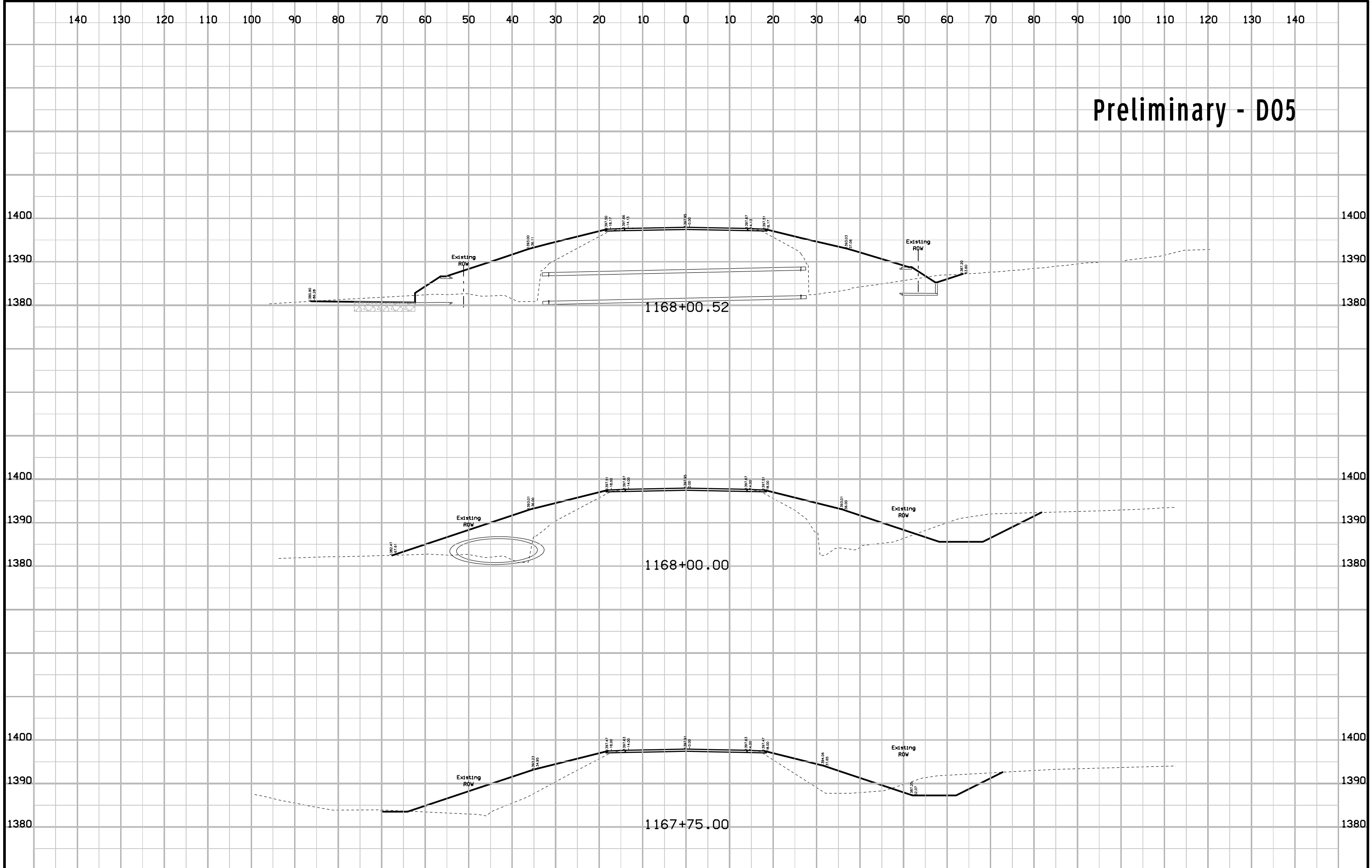


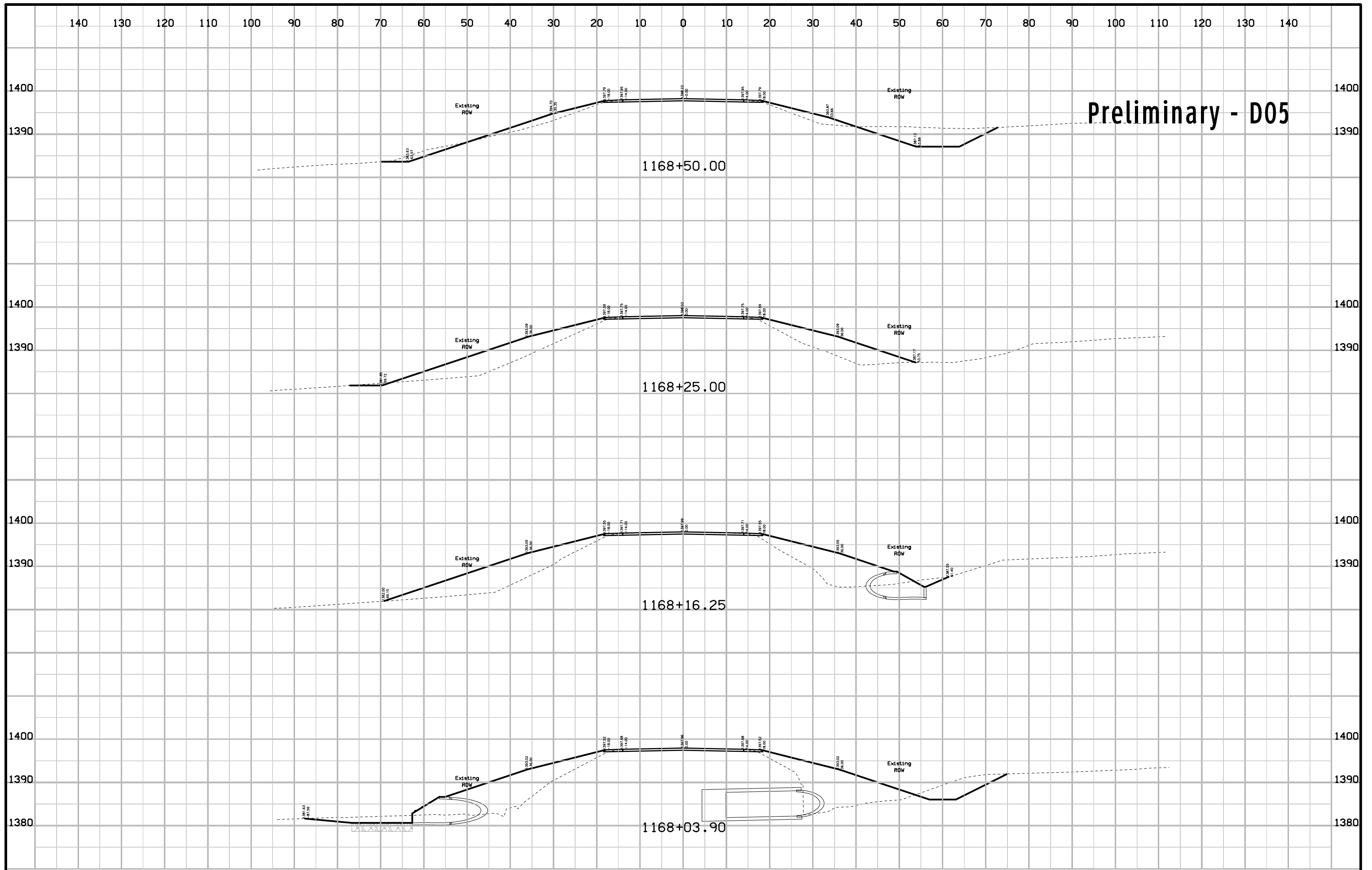
Right of Way Design Information	
THIS SHEET INCLUDED FOR INFORMATION ONLY	
ROW Team: CUVA /CARMAN	
ROW #: STPN-010-2(40)--2J-71	
Plan Date: 3/19/2020	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition

Preliminary - D05

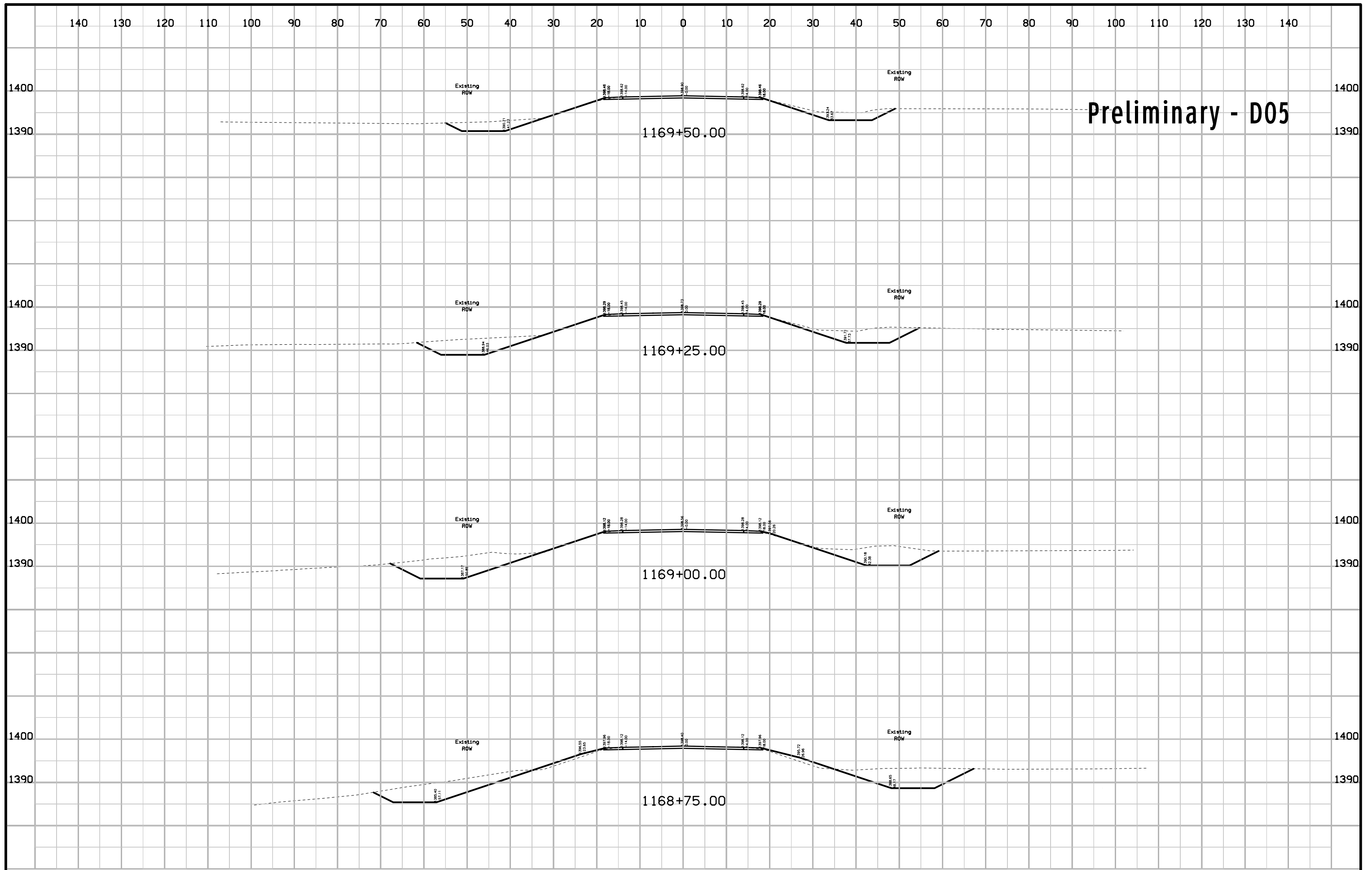


Preliminary - D05





Preliminary - D05



Preliminary - D05

Preliminary - D05

