LINE STYLE LEGEND OF CROSS SECTION SHEETS (ROAD)

- 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

LINE STYLE LEGEND OF CROSS SECTION SHEETS (SOILS)

- TS — Topsoil (Class 10)
- Slope Dressing Only
- CL 10 — Class 10 Materials
- SEL LO — Select Loams And Clay-Loams
- SEL SA — Select Sand
- UNS A — Unsuitable Type A Disposal
- UNS B — Unsuitable Type B Disposal
- UNS C — Unsuitable Type C Disposal
- SHALE — Shale
- WASTE — Waste
- B&W LS — Broken and Weathered Rock
- ROCK — Solid Rock
- BLDRS — Boulders

Note: All layer lines and descriptions identify layers above the line.

Note: Vertical or near vertical lines connecting soil layers at edges of cross sections are only for the purpose of calculating template quantities and do not depict soil stratification.

SYMBOL LEGEND OF CROSS SECTION SHEETS



Existing Right-of-Way Limit

Proposed Right-of-Way Limit

Temporary Right-of-Way Limit

CROSS SECTION LEGEND AND SYMBOL INFORMATION SHEET

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

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

660 640 620 600

627.52
120.64
626.96
118.94

626.96
95.94
627.03
95.68

630.34
75.82

630.70
58.00

630.25
44.00

631.20
32.00

629.81
32.00

629.50
15.61

Proposed ROW
Existing ROW
TS
CL 10

1176+00.00

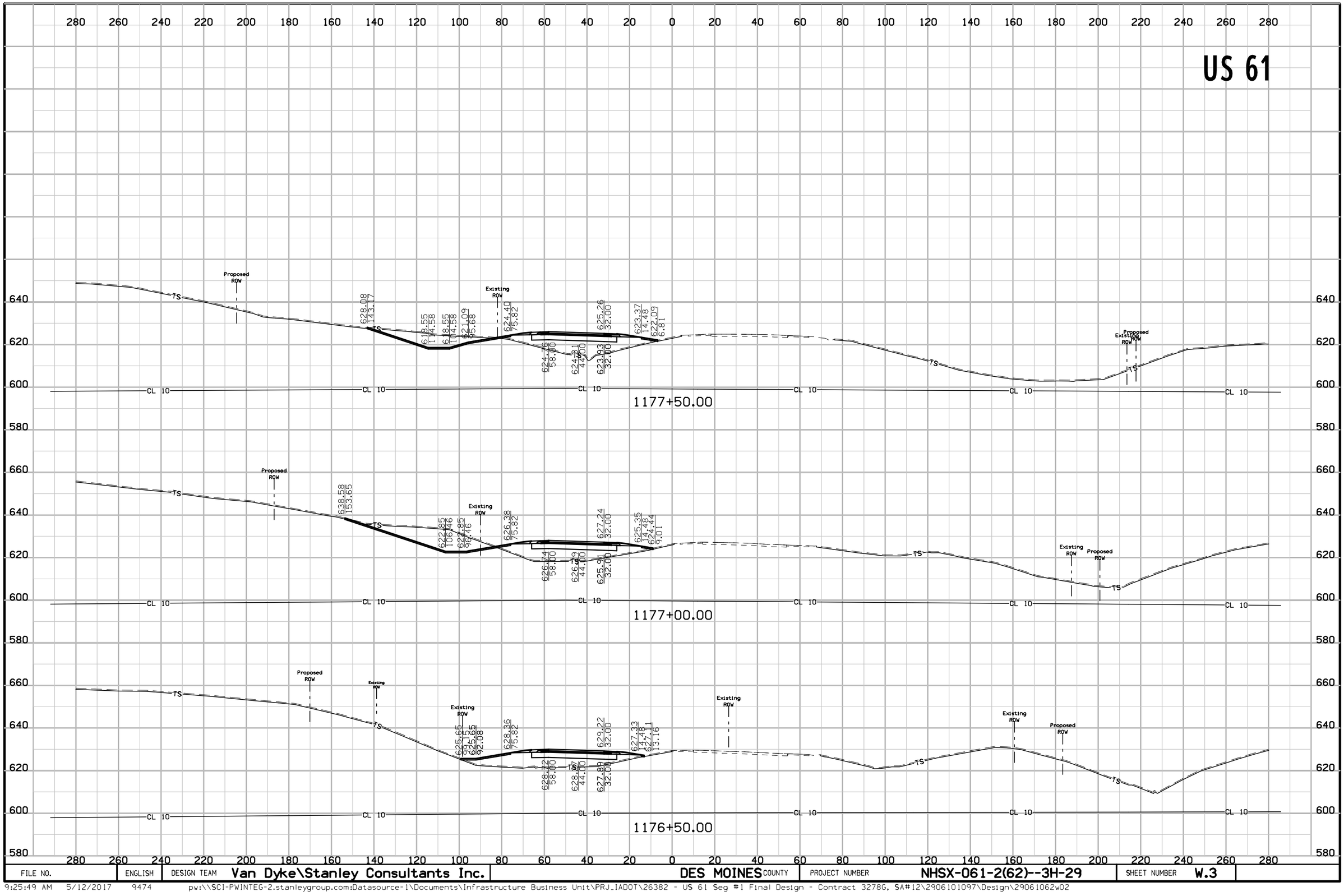
1175+60.00

1175+50.00

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.2

9:25:47 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

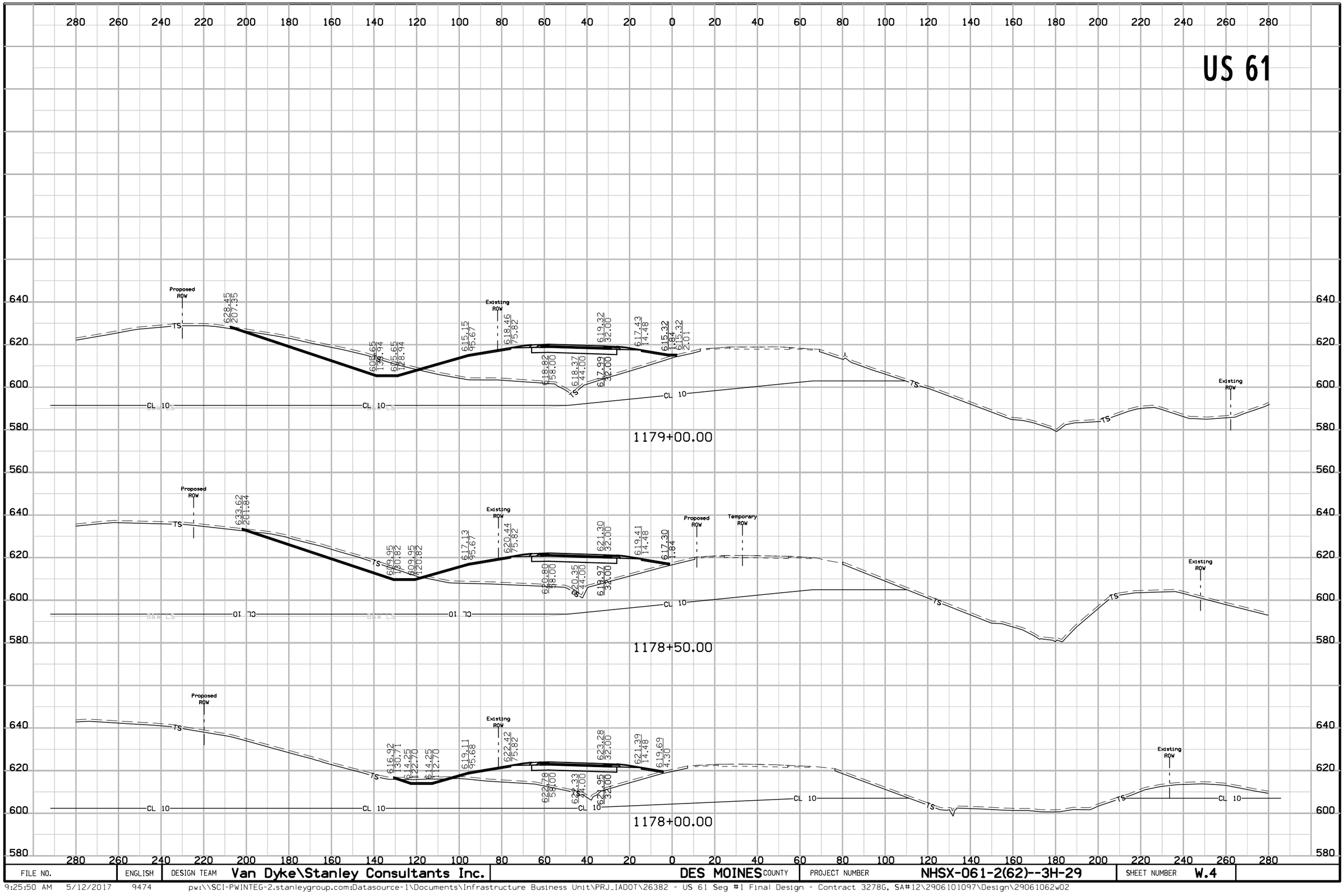
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.3

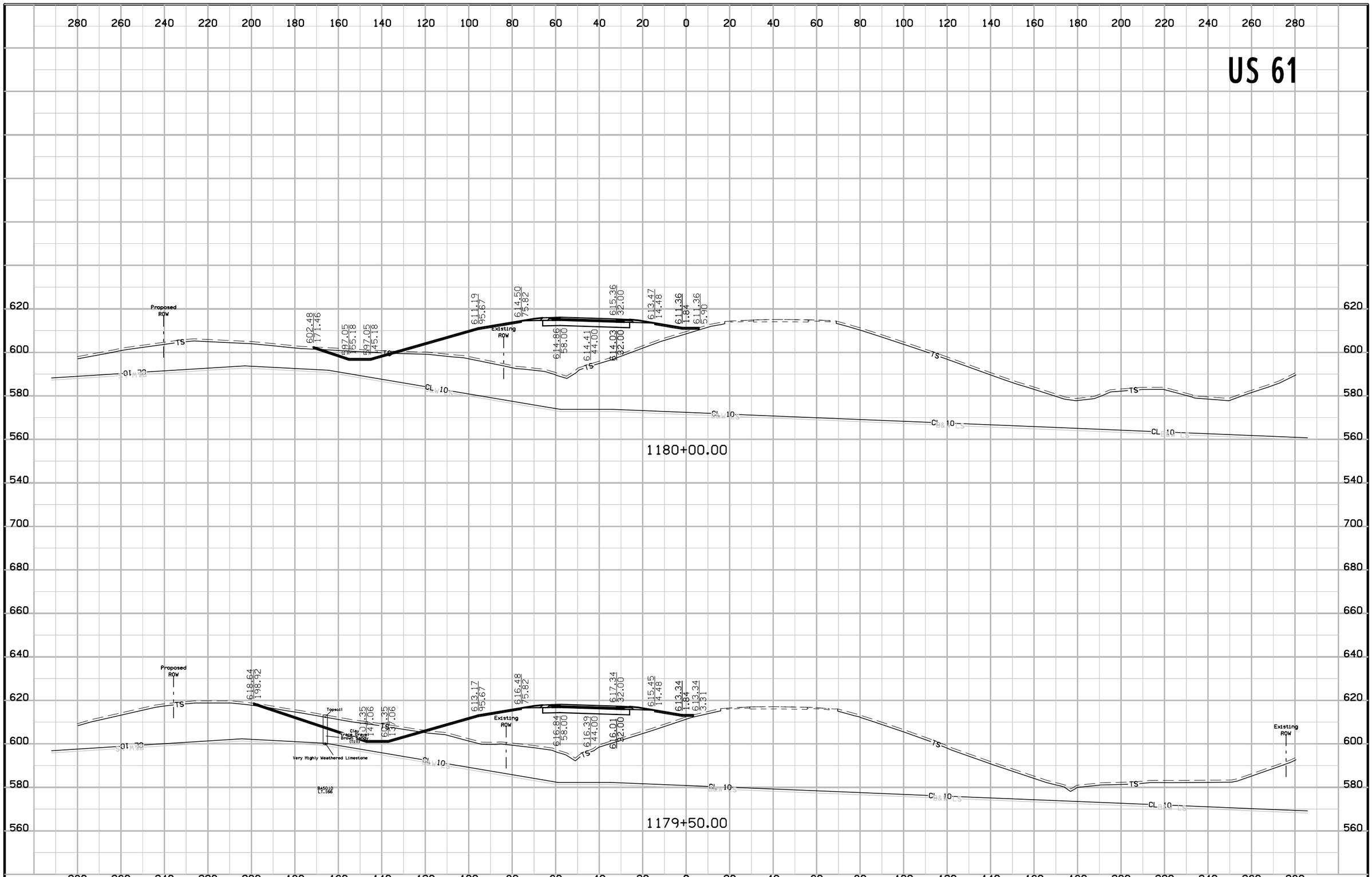
9:25:49 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



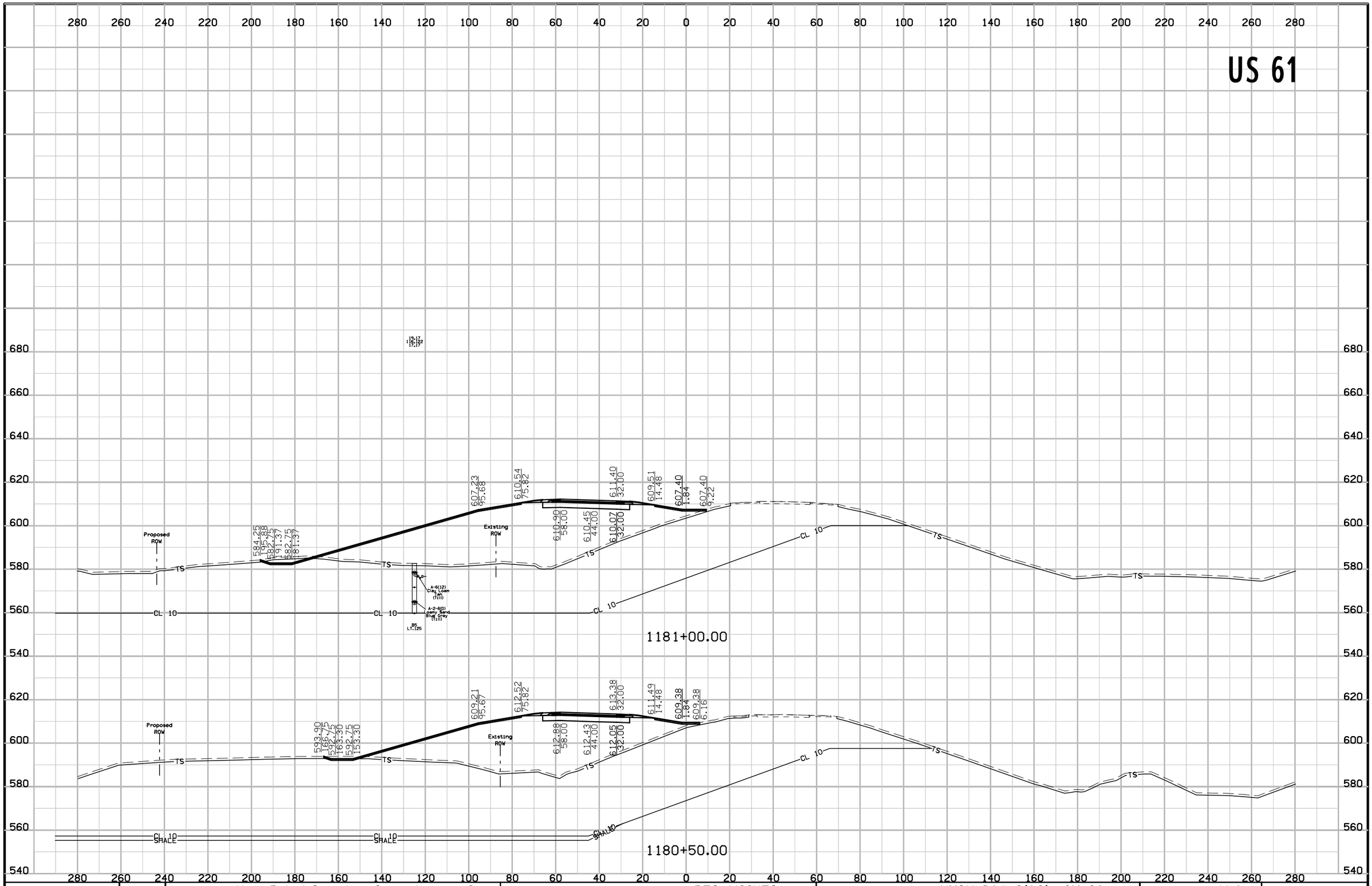
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.4

US 61



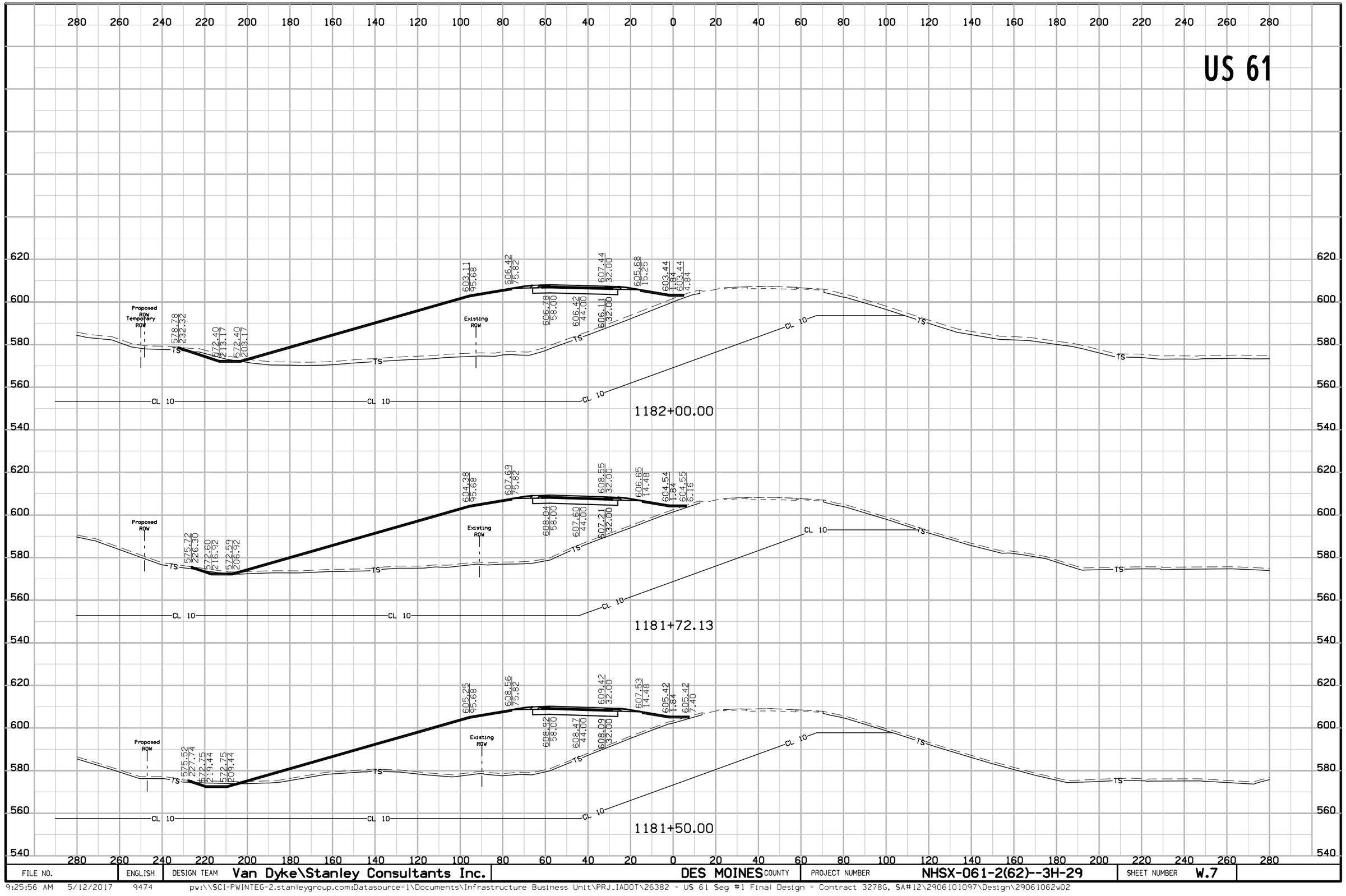
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.5

US 61



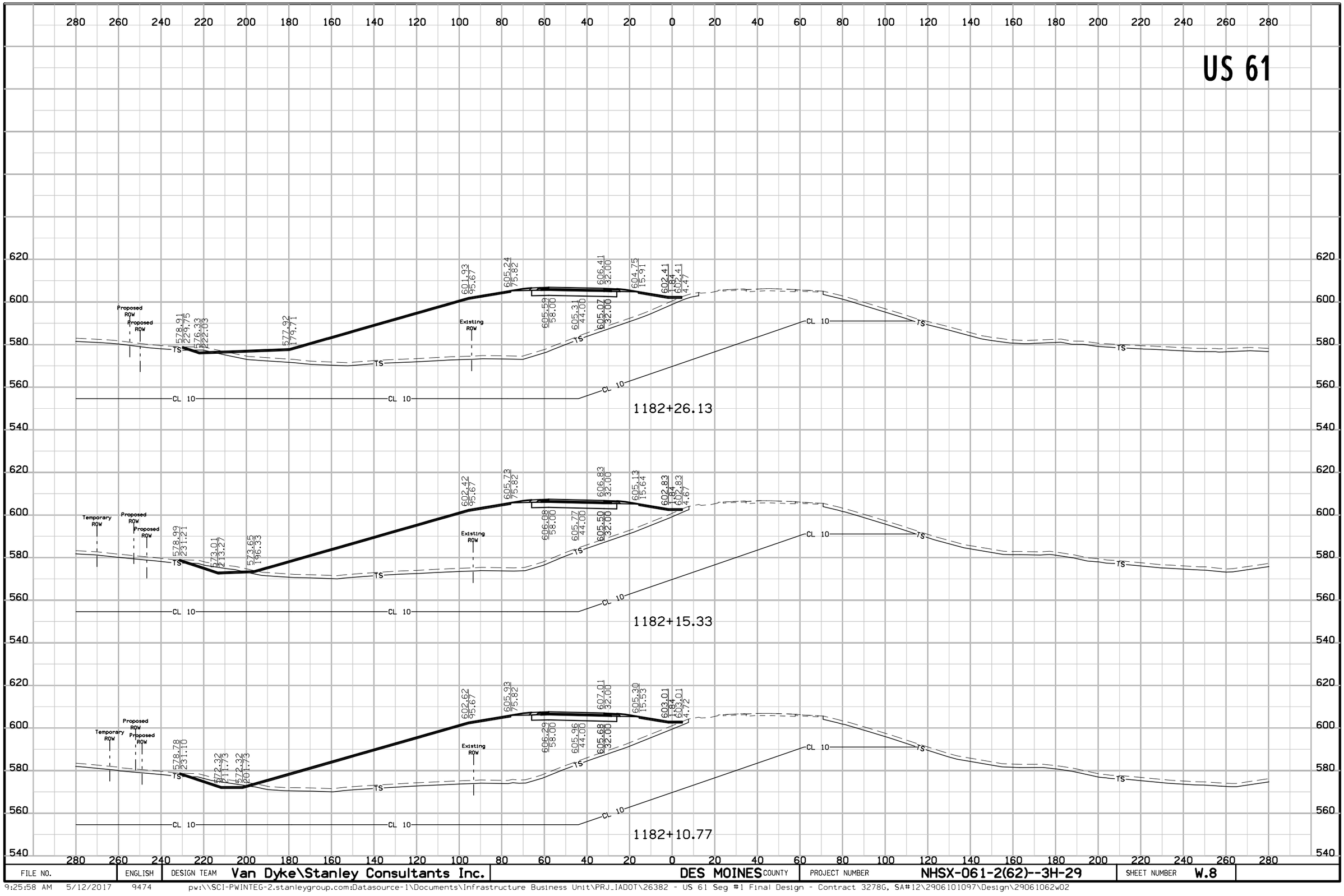
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.6

US 61



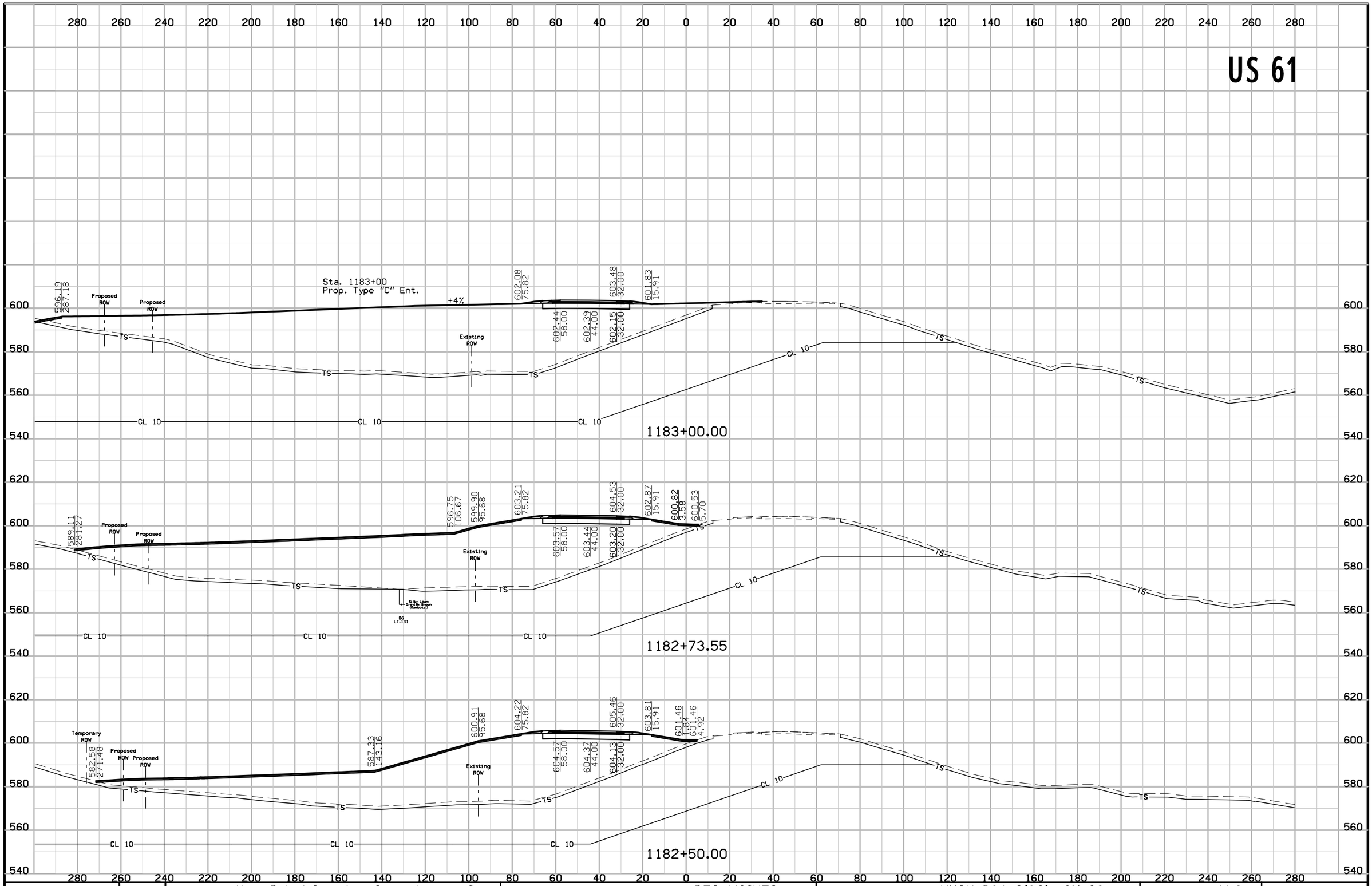
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.7

US 61



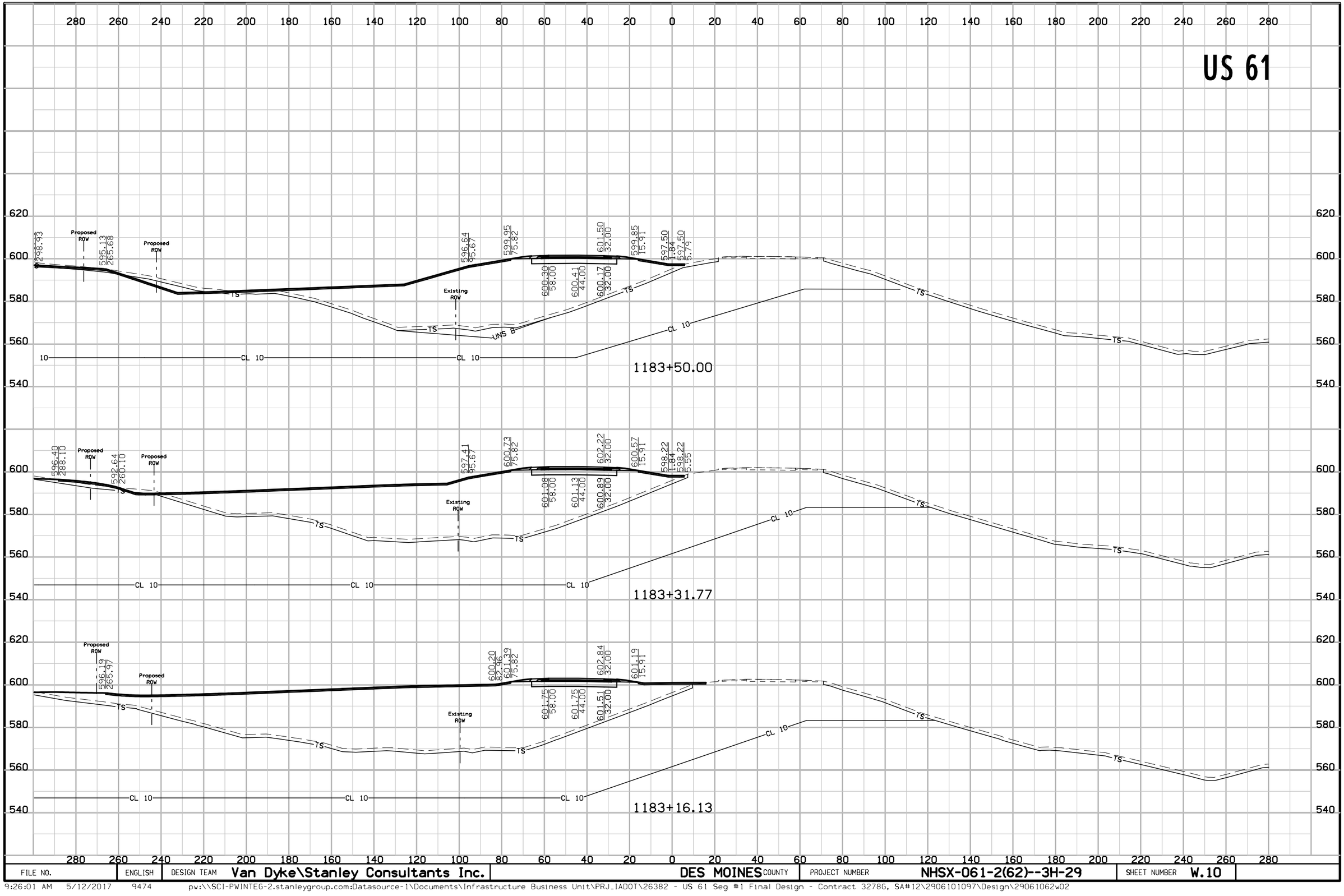
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.8

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.9

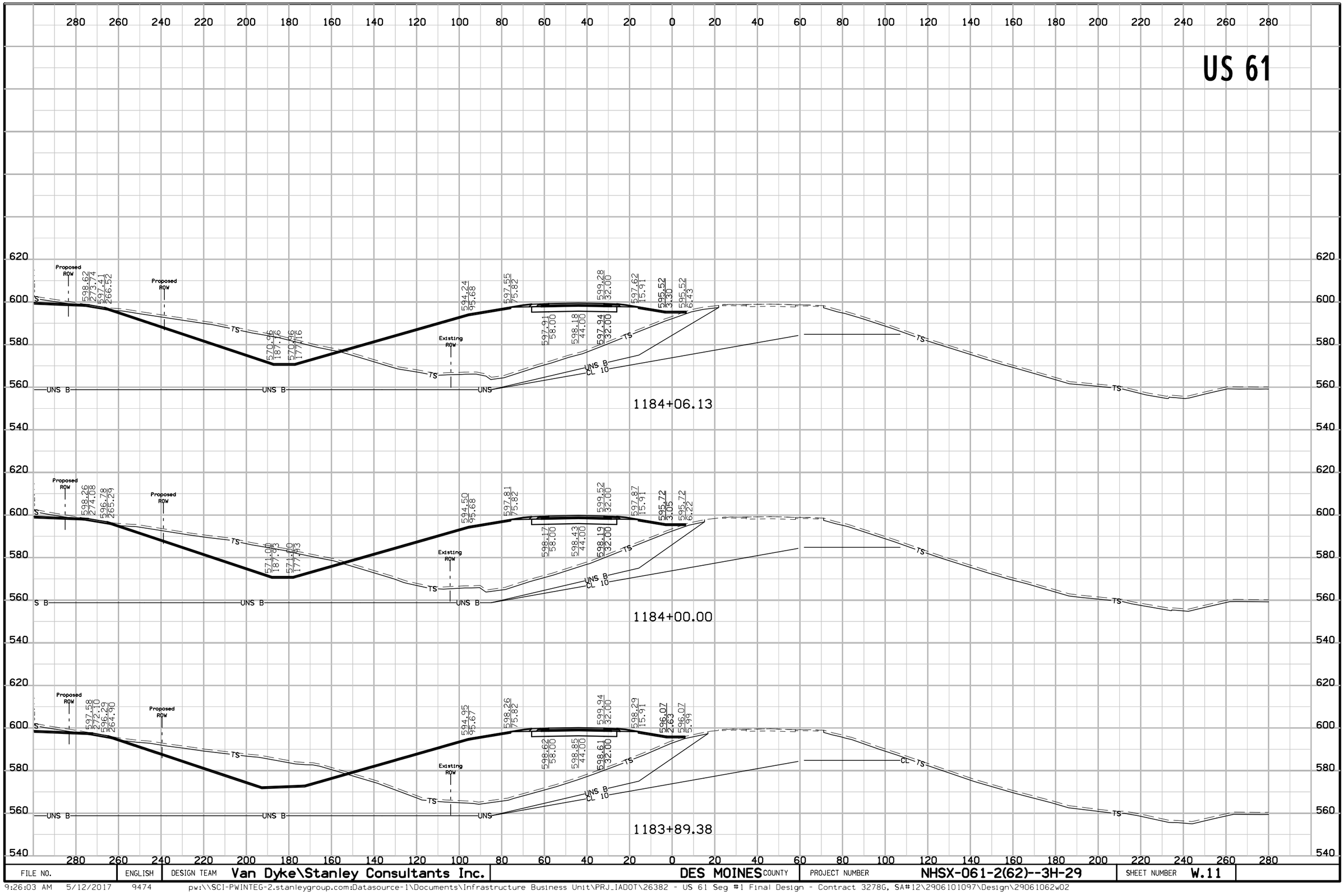
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.10

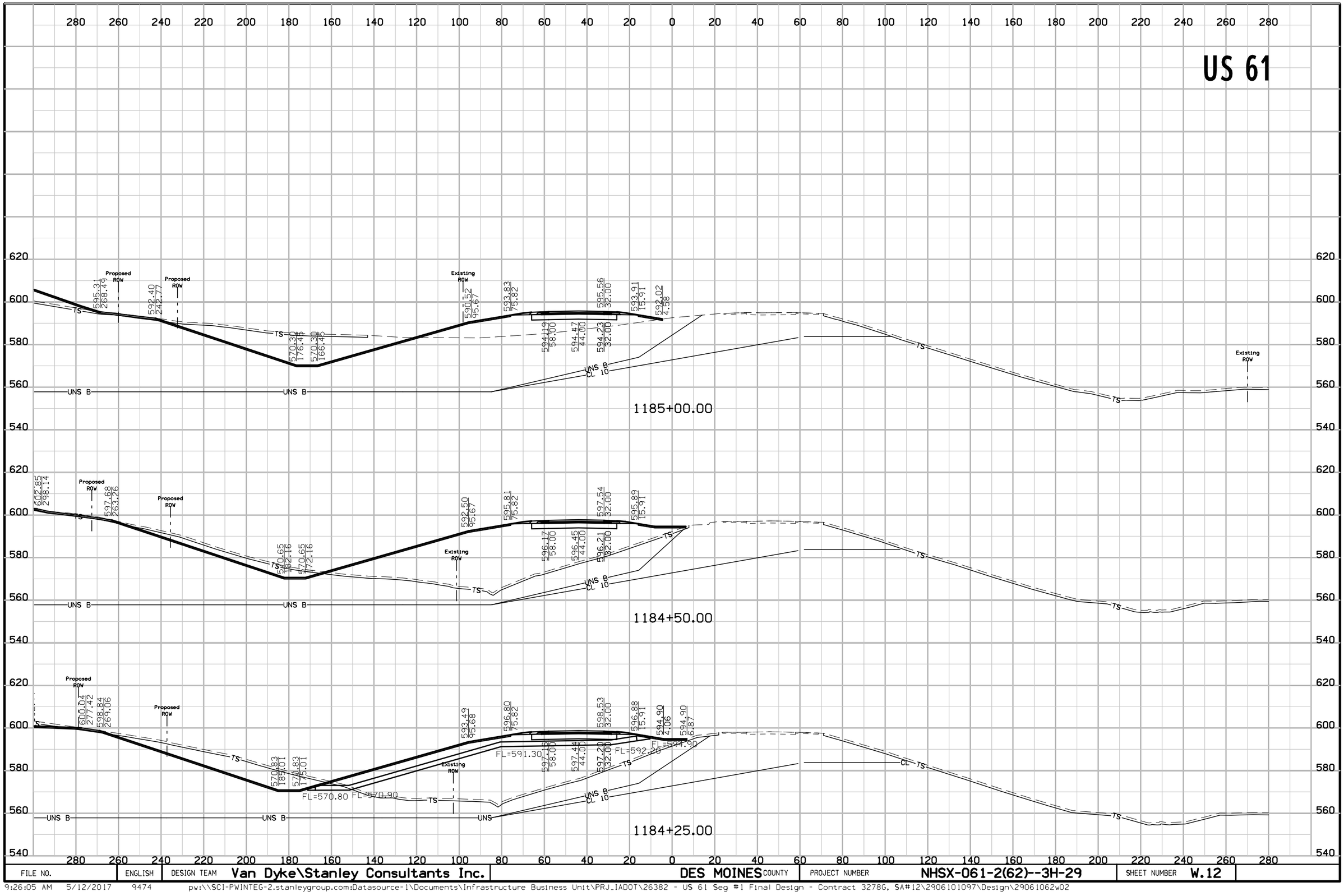
9:26:01 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



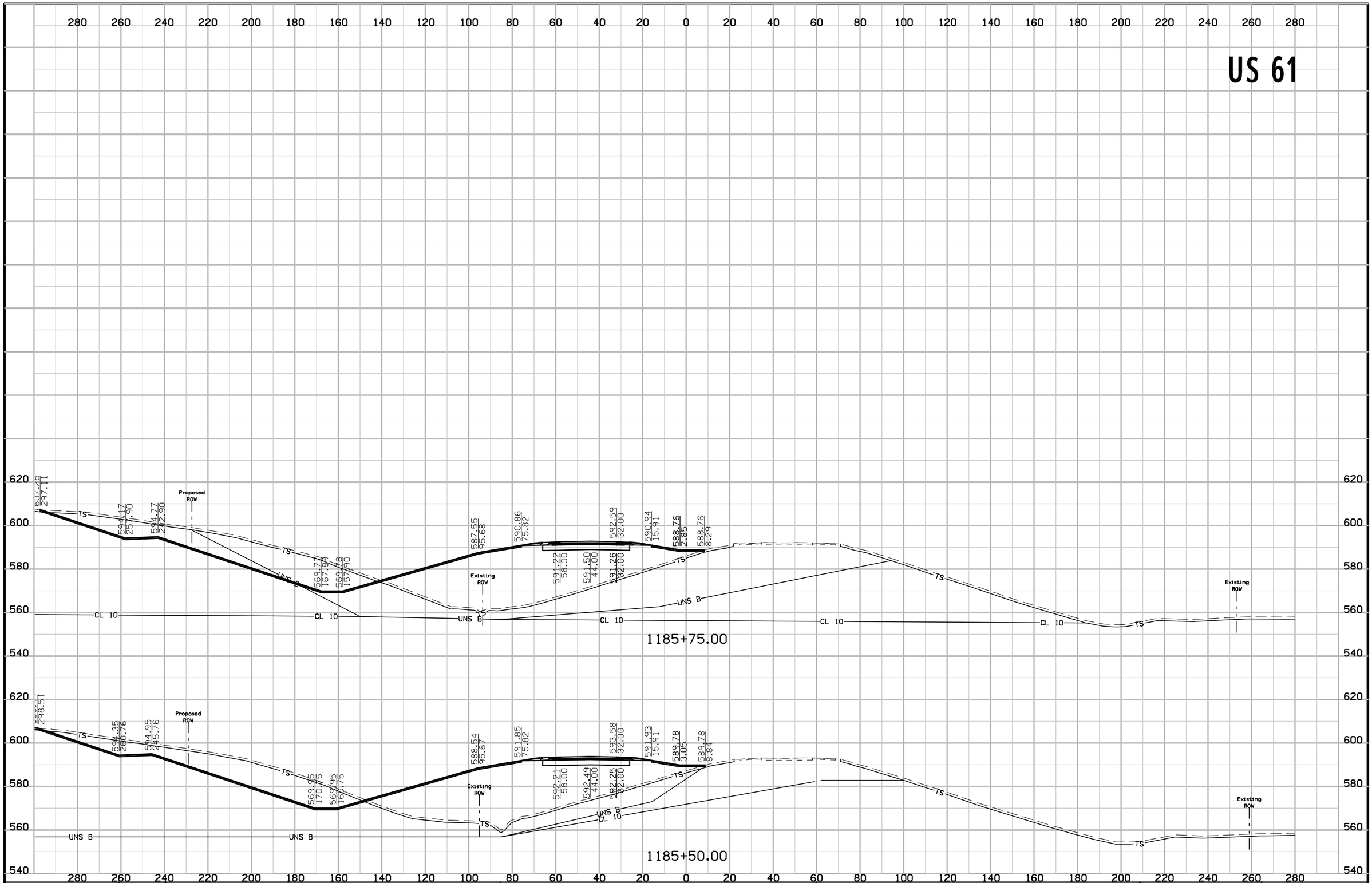
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.11

US 61



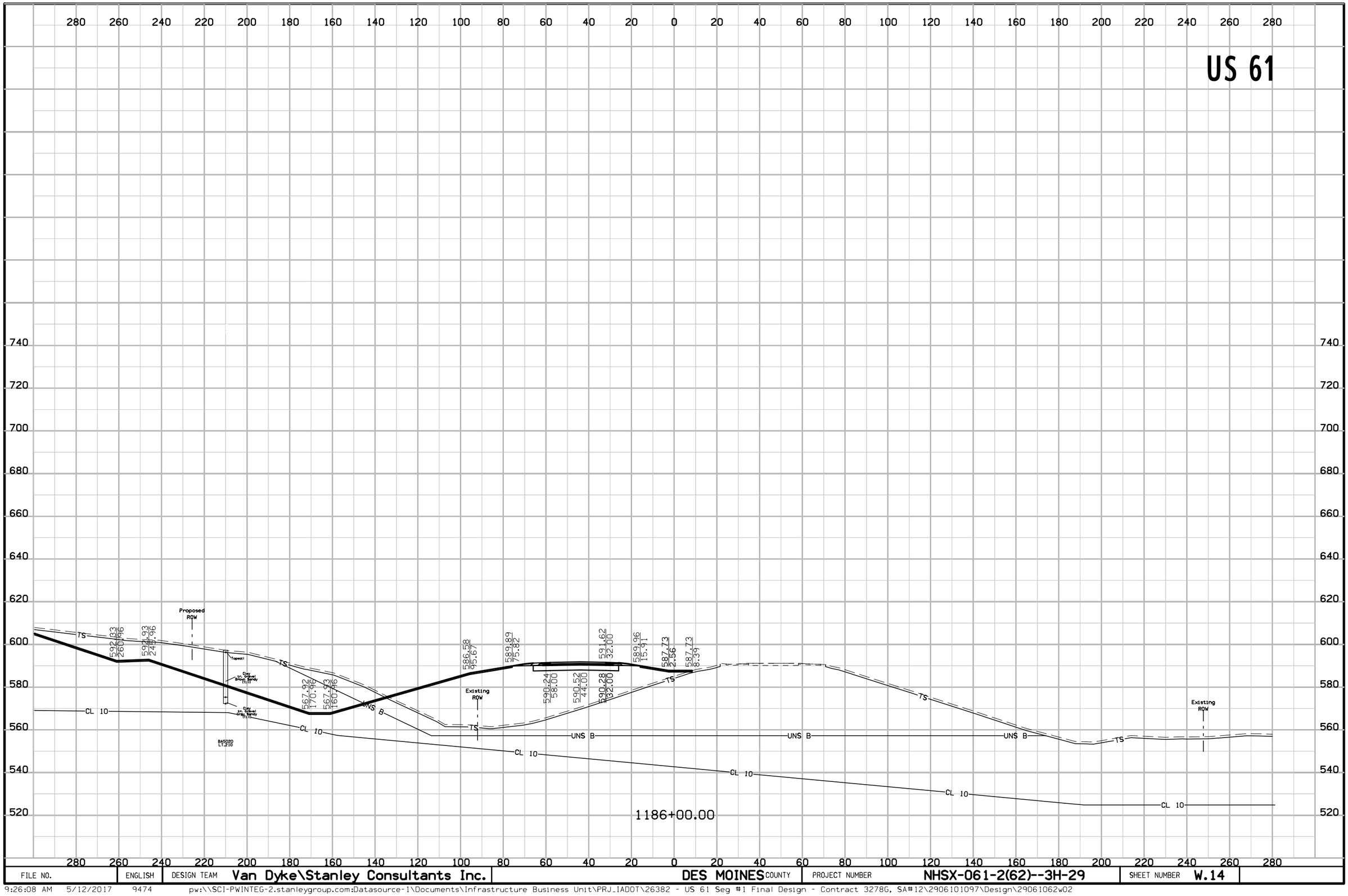
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.12

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.13

US 61

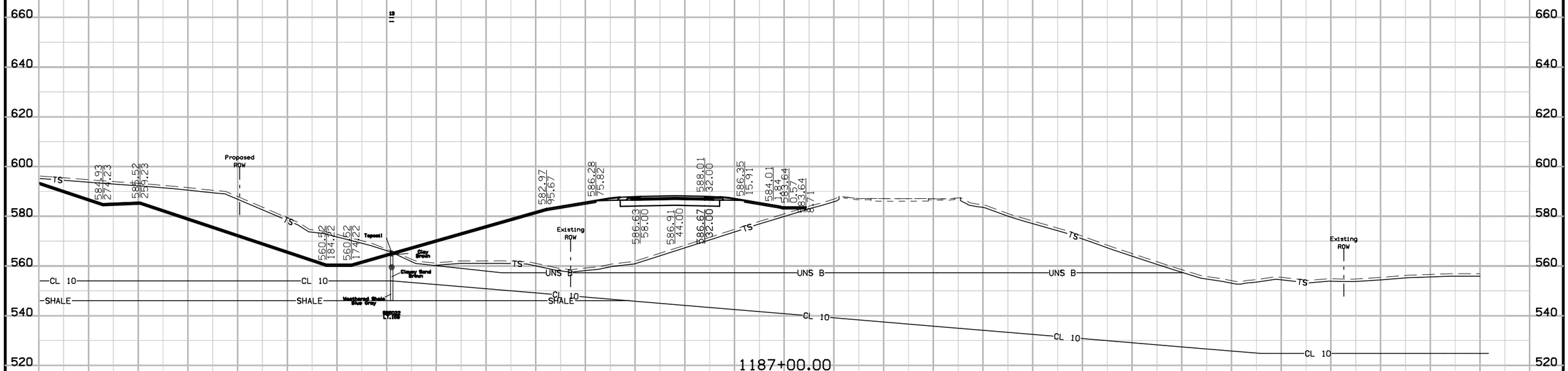


FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.14

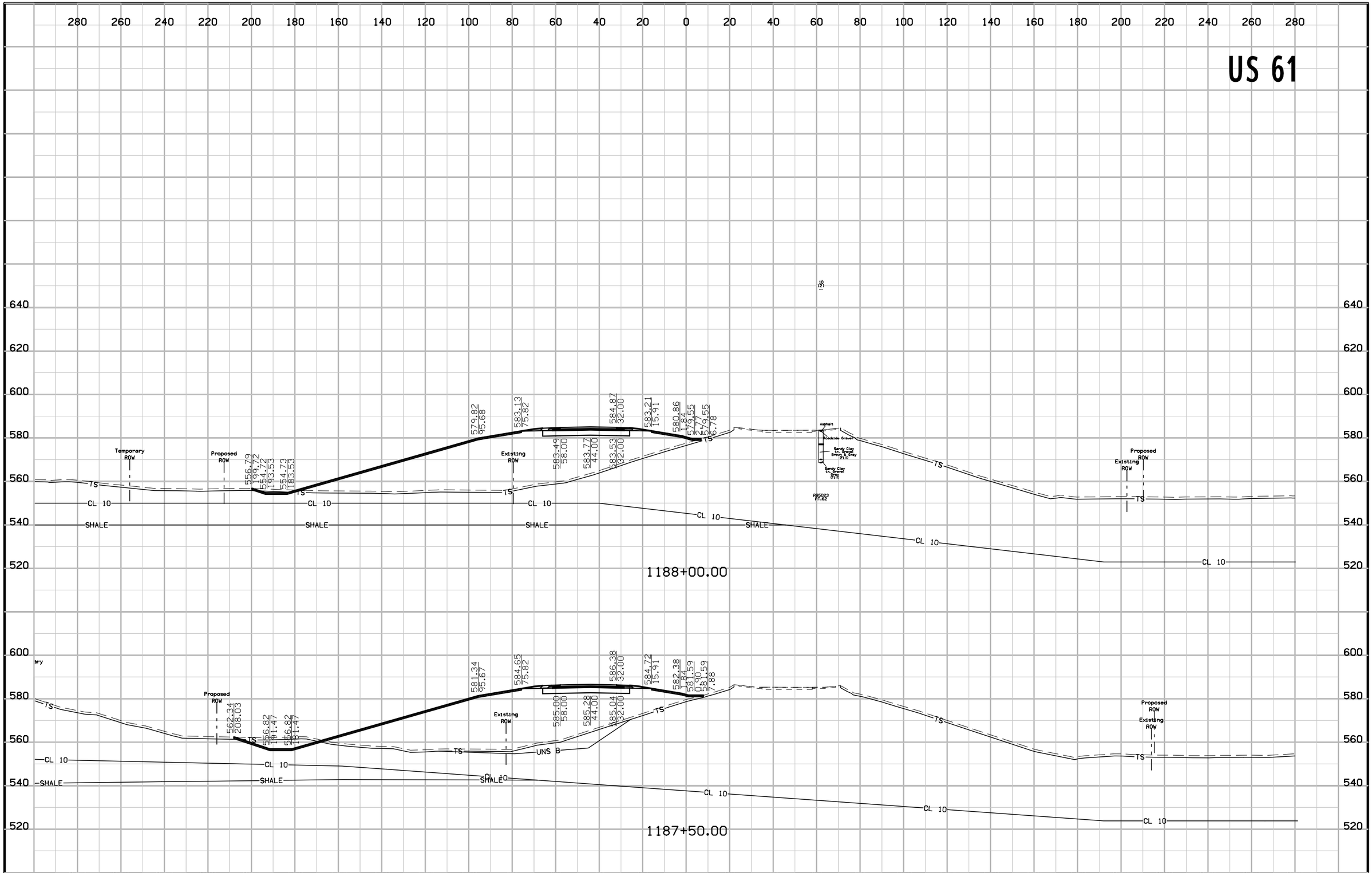
US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

660 640 620 600 580 560 540 520



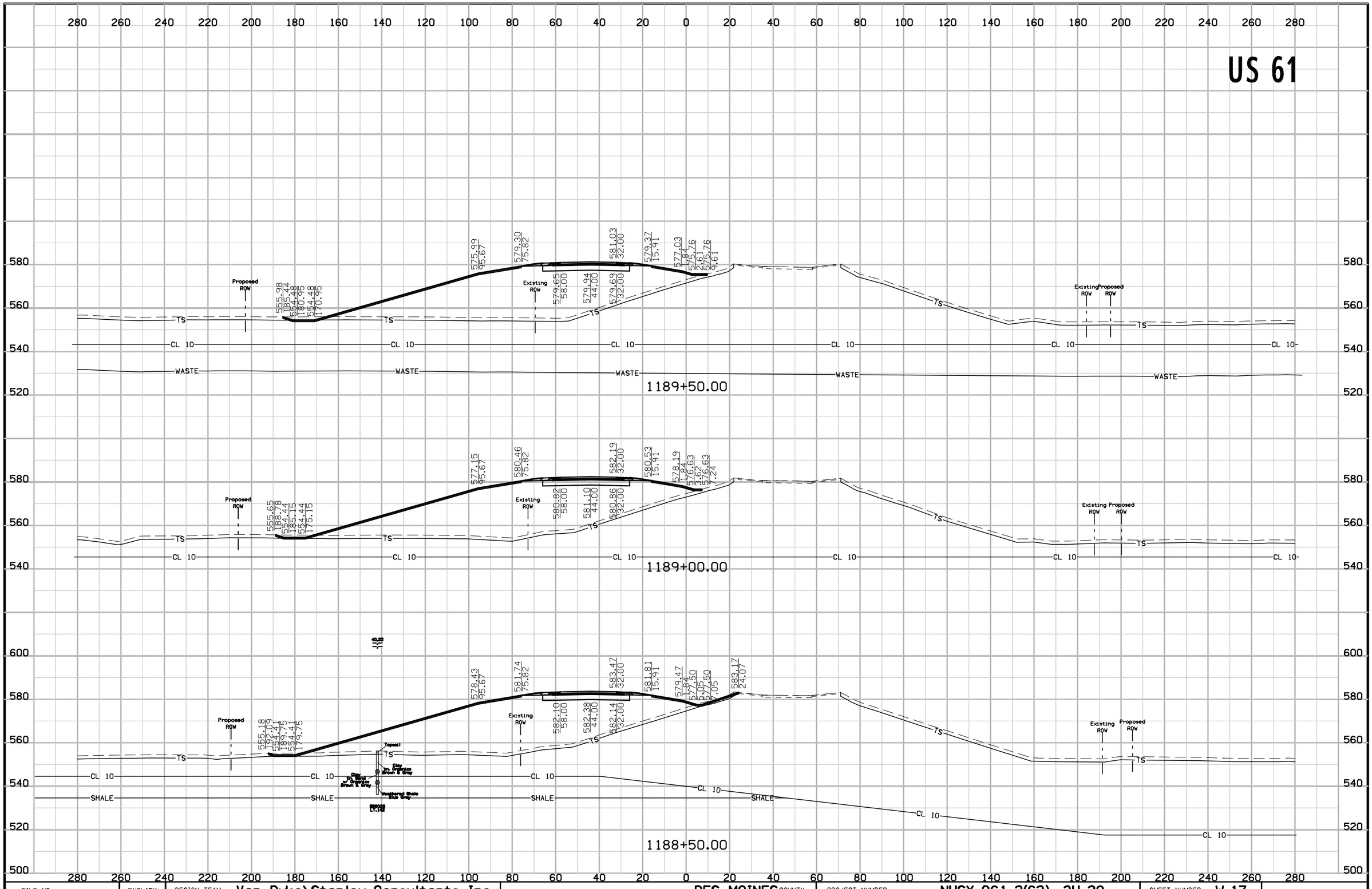
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.15



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.16

9:26:11 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

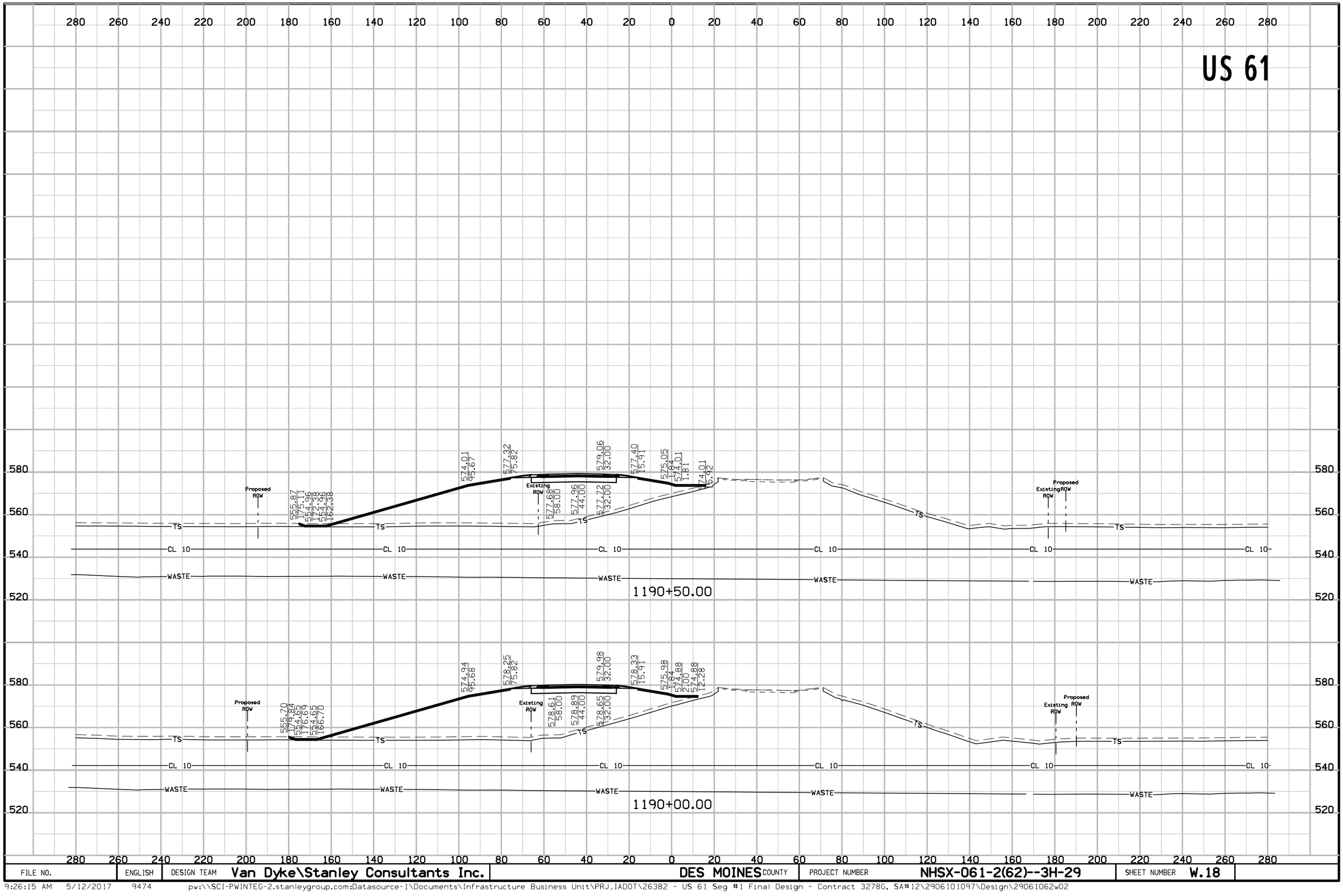
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.17

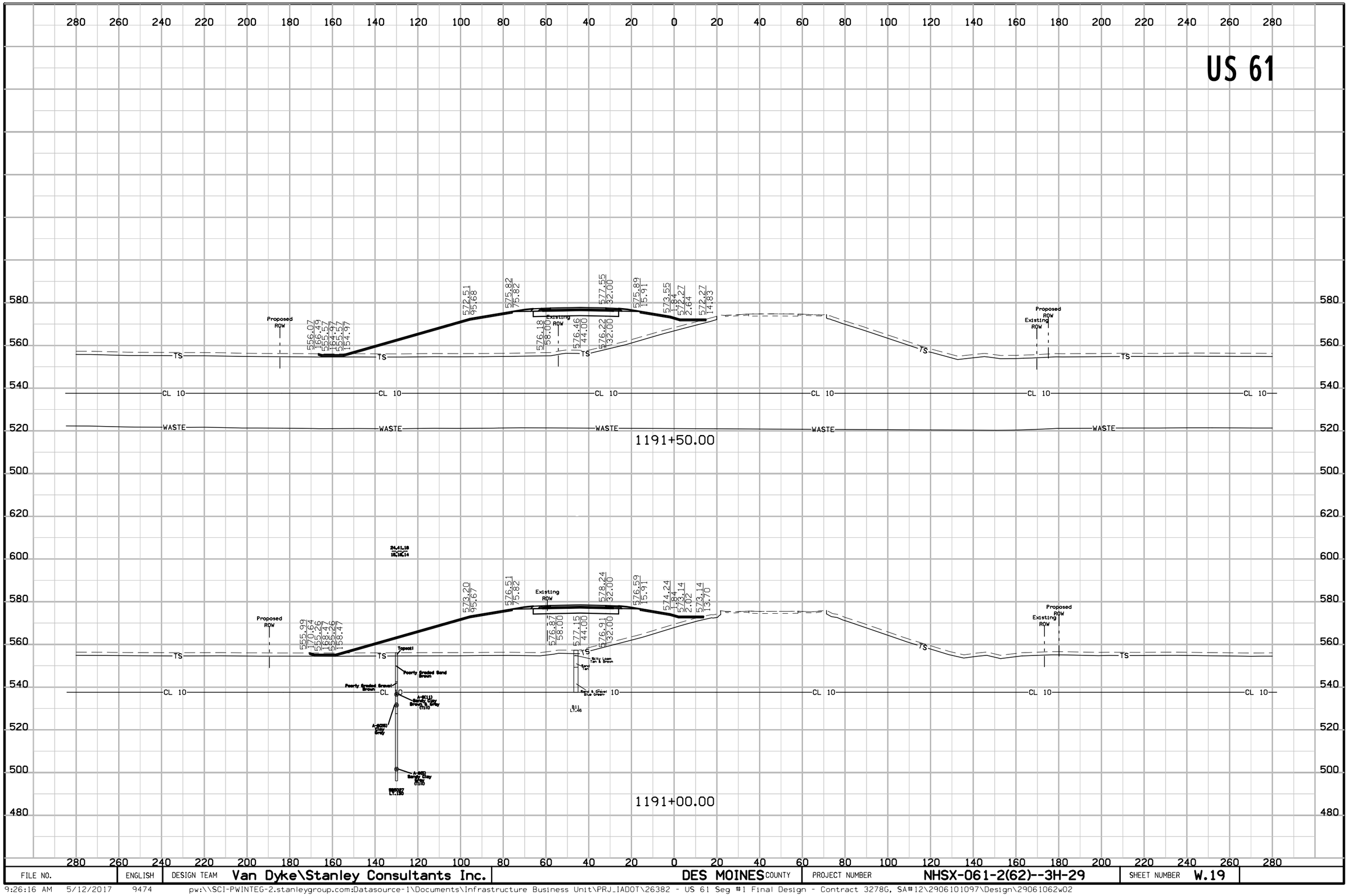
9:26:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



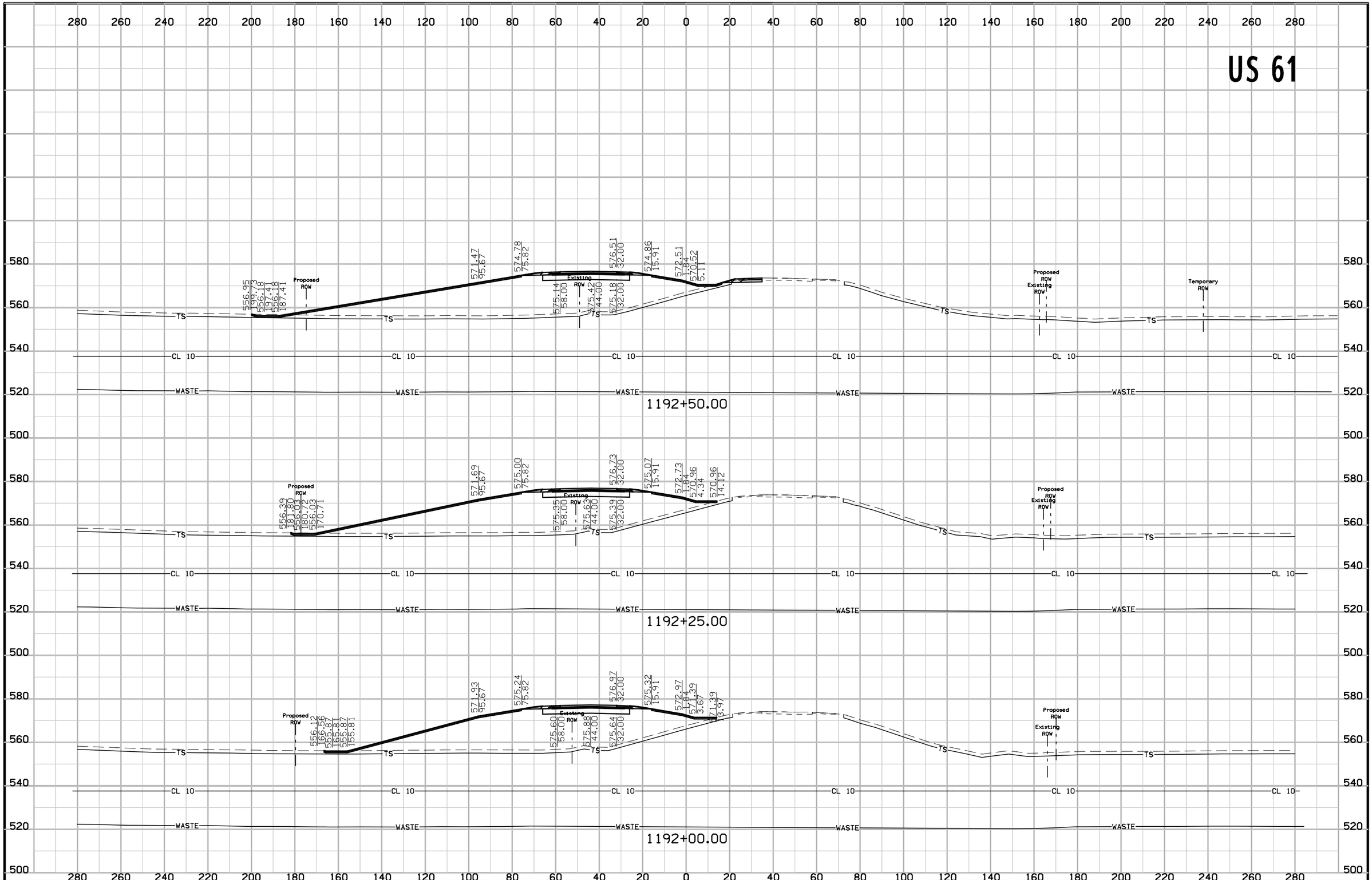
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.18

US 61



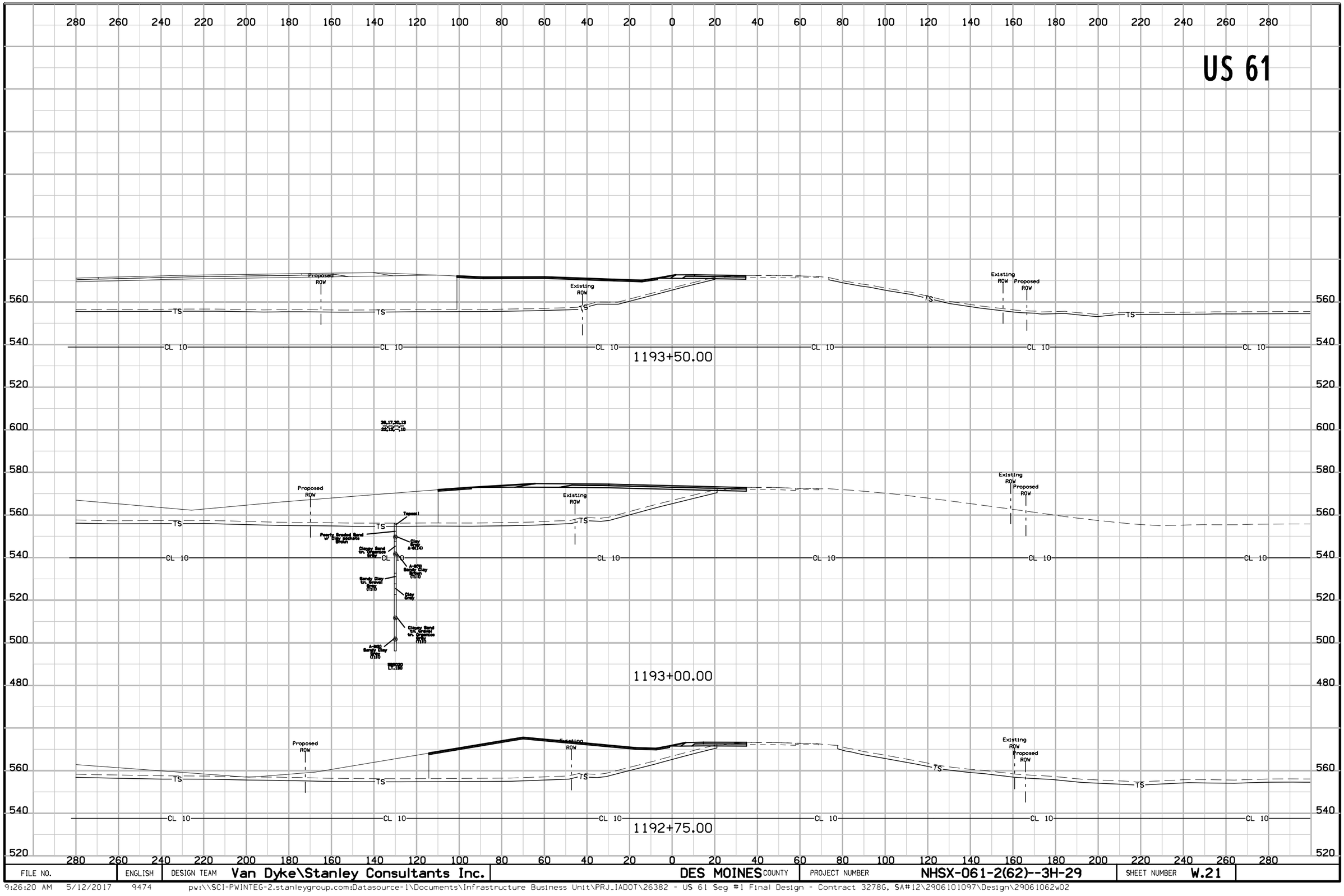
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.19

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.20

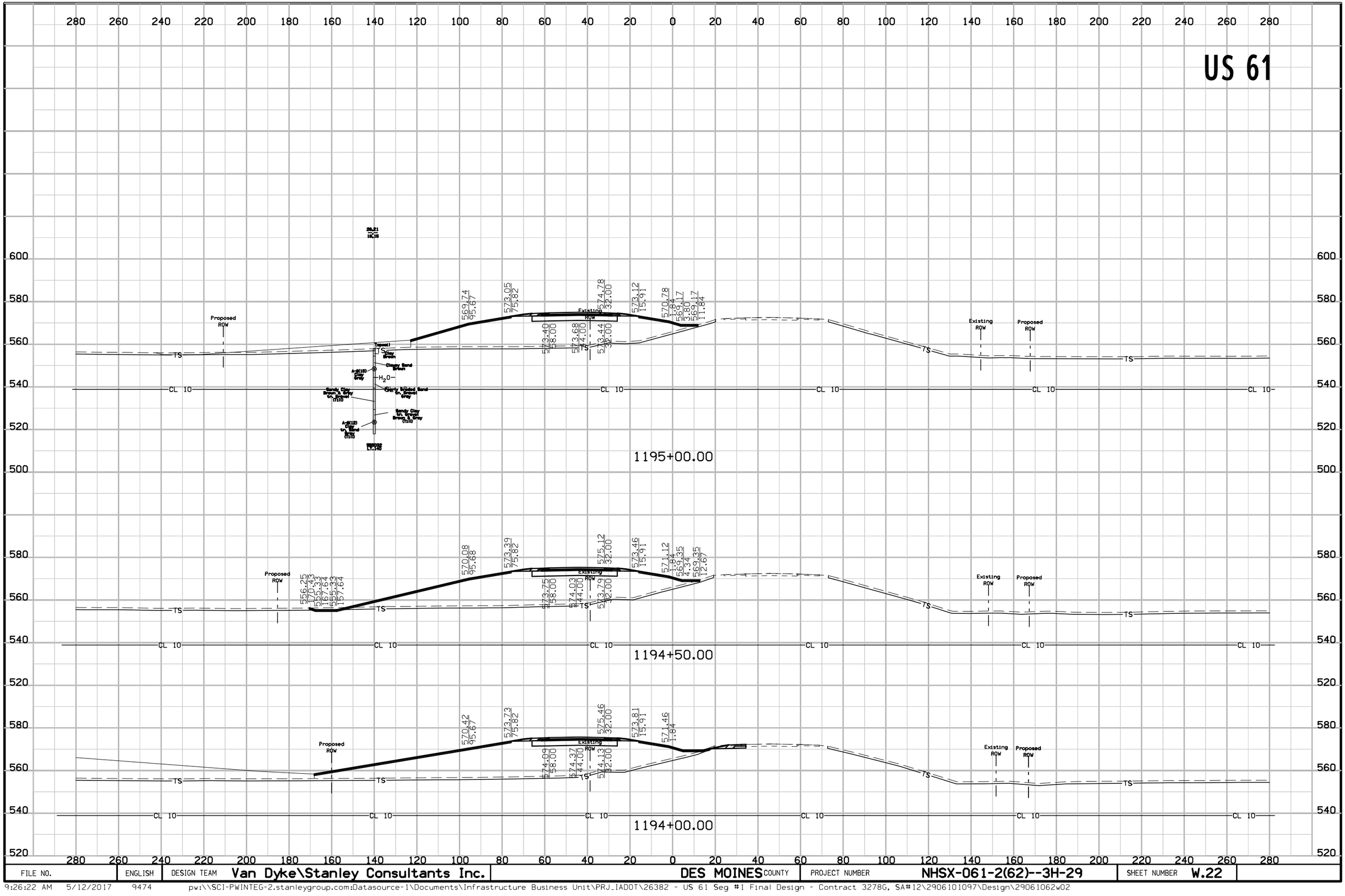
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.21

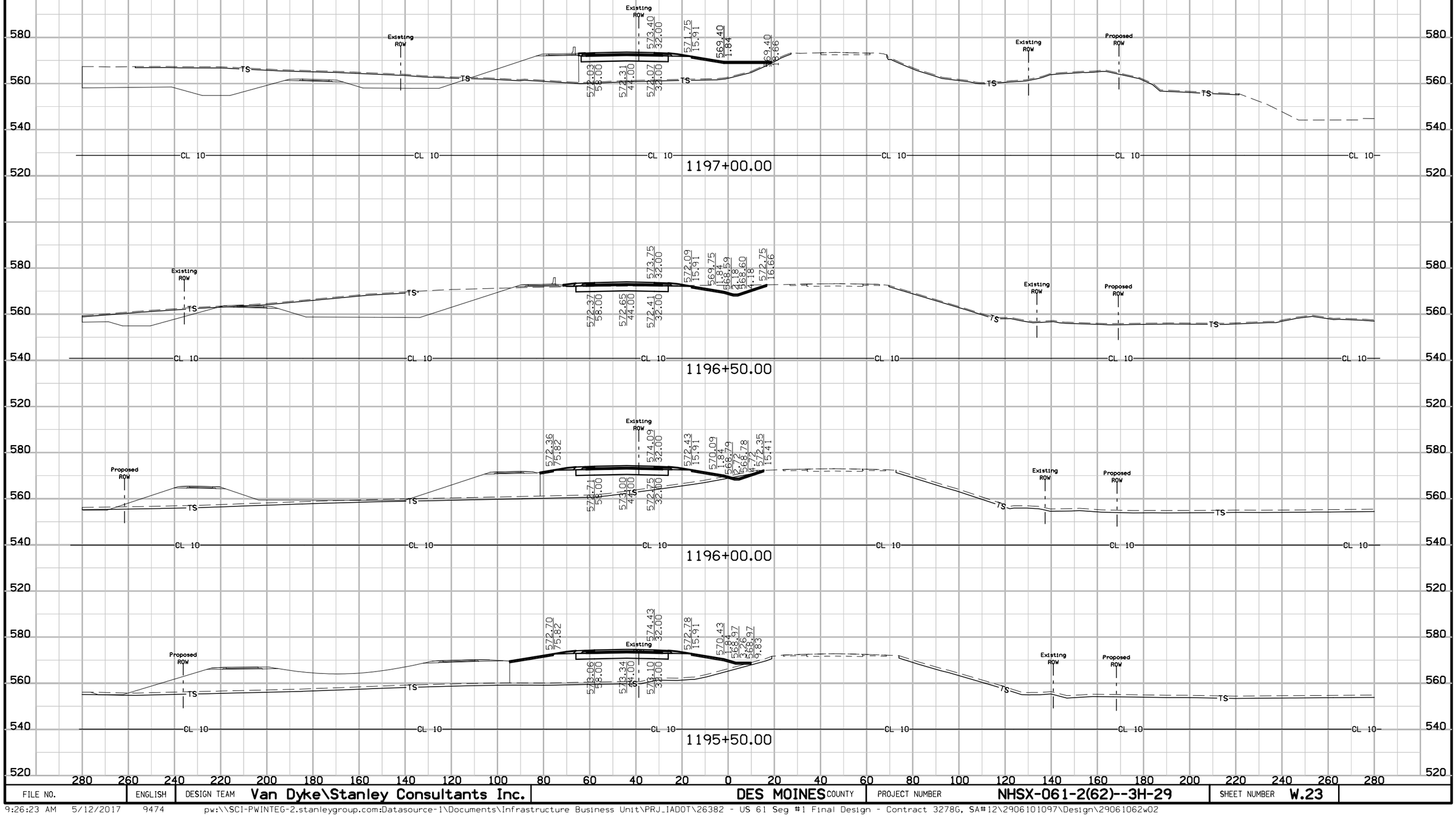
9:26:20 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.22

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.23

9:26:23 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

560
540
520

Existing ROW
Existing ROW
Proposed ROW
TS
TS
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

1198+50.00

560
540
520

Existing ROW
Existing ROW
Proposed ROW
TS
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

1198+00.00

560
540
520

Existing ROW
Existing ROW
Proposed ROW
TS TS TS TS
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

1197+50.00

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.24

9:26:25 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

560
540
520

Existing ROW
Existing ROW
Proposed ROW

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

1199+50.00

21,25,17,16,20,36,12,18,22,34,29,15

580
560
540
520
500
480
460
440

Existing ROW
Existing ROW
Proposed ROW

Sandy Clay w/ organics Brown
H_2O
Sandy Clay Brown
Sandy Clay Grey
Clay w/ Gravel Grey
Very Clay Greyish Brown
Clay w/ organics Greenish Grey
Gravel & Sand
Clayey Sand Grey
Silty Clay Dark Grey
Fine Sand w/ Silty Clay Layers Dark Grey
Weathered Limestone
B16 L1.66

TS TS TS TS TS

S⊥ S⊥ S⊥

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

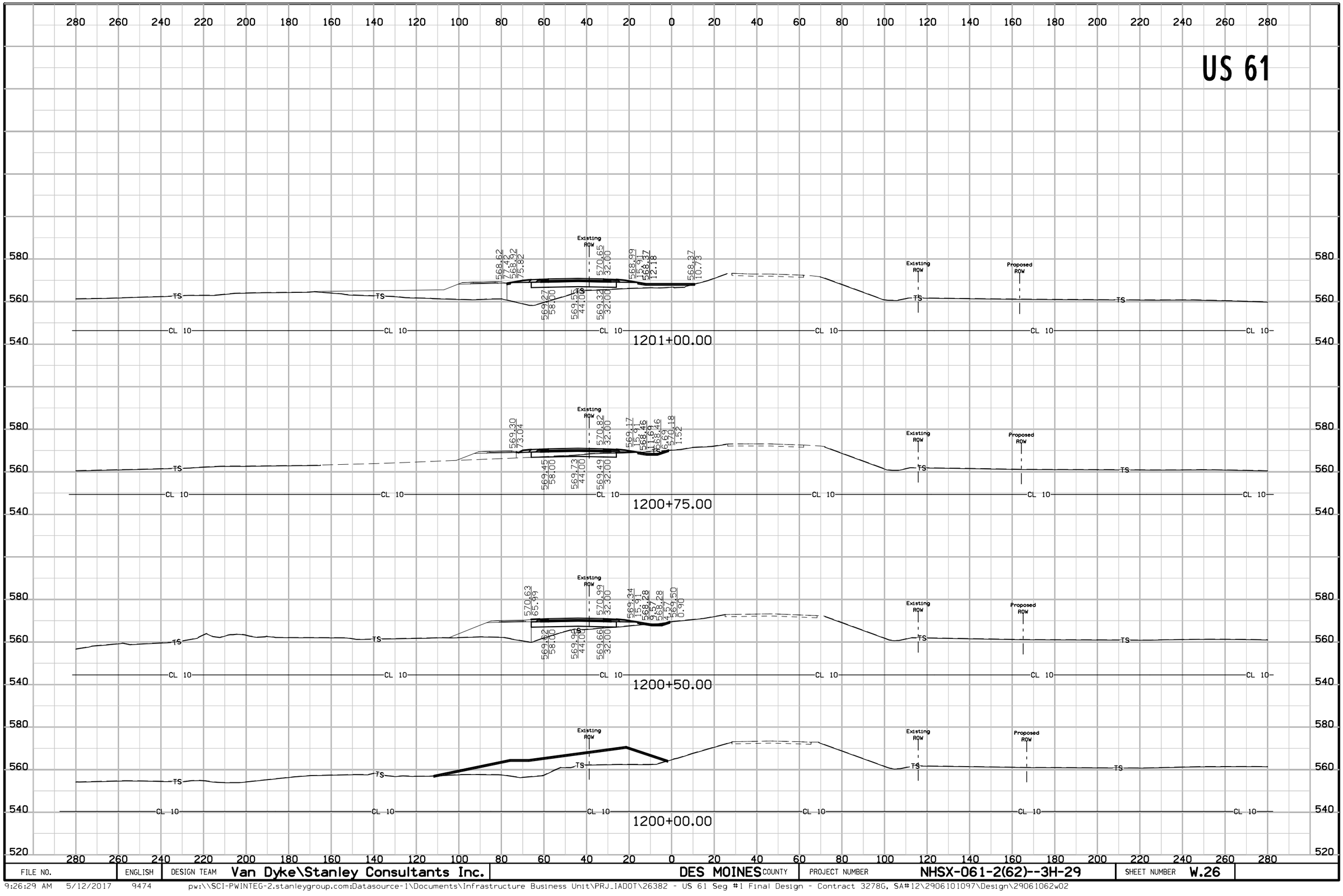
1199+00.00

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.25

9:26:27 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



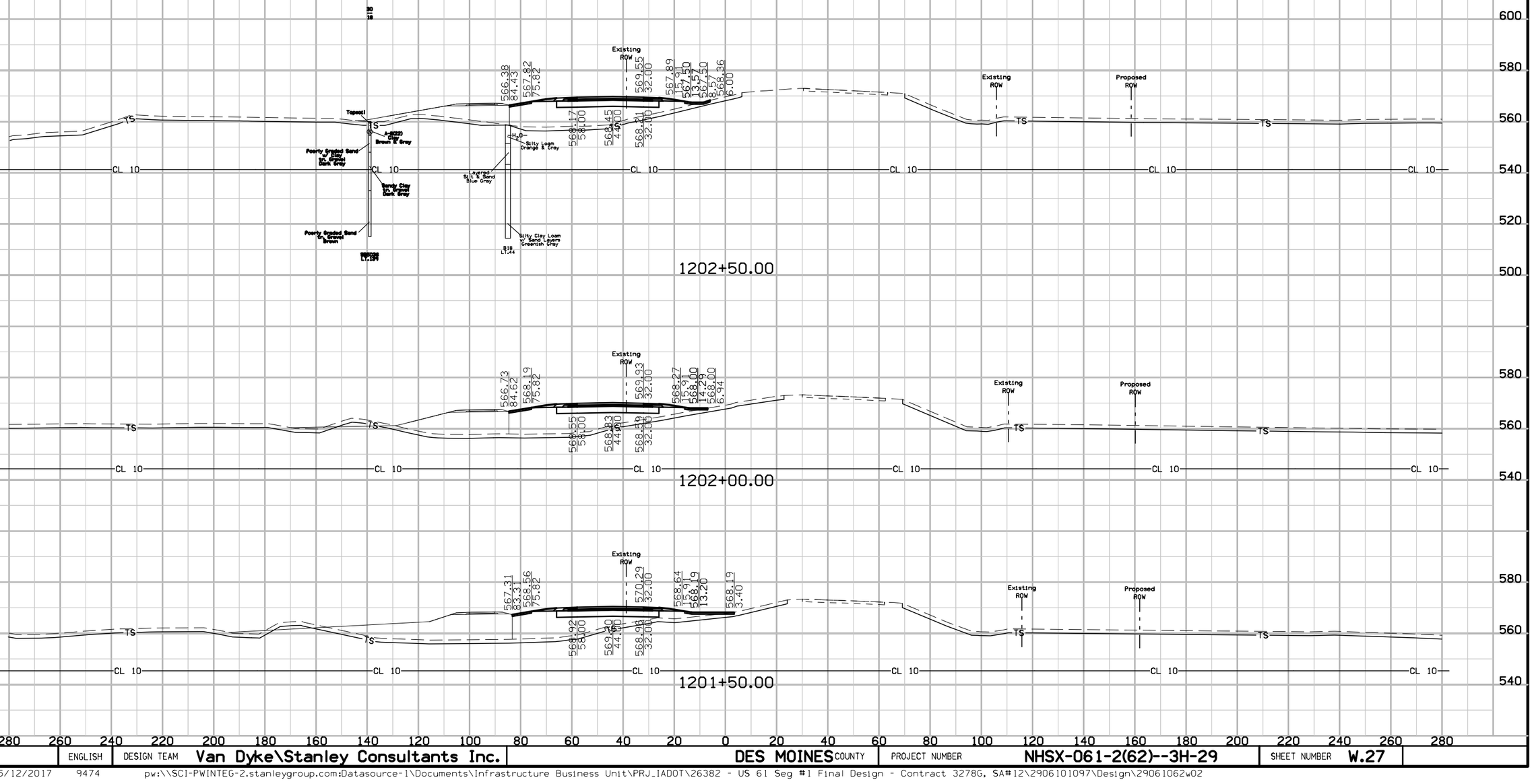
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.26

9:26:29 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

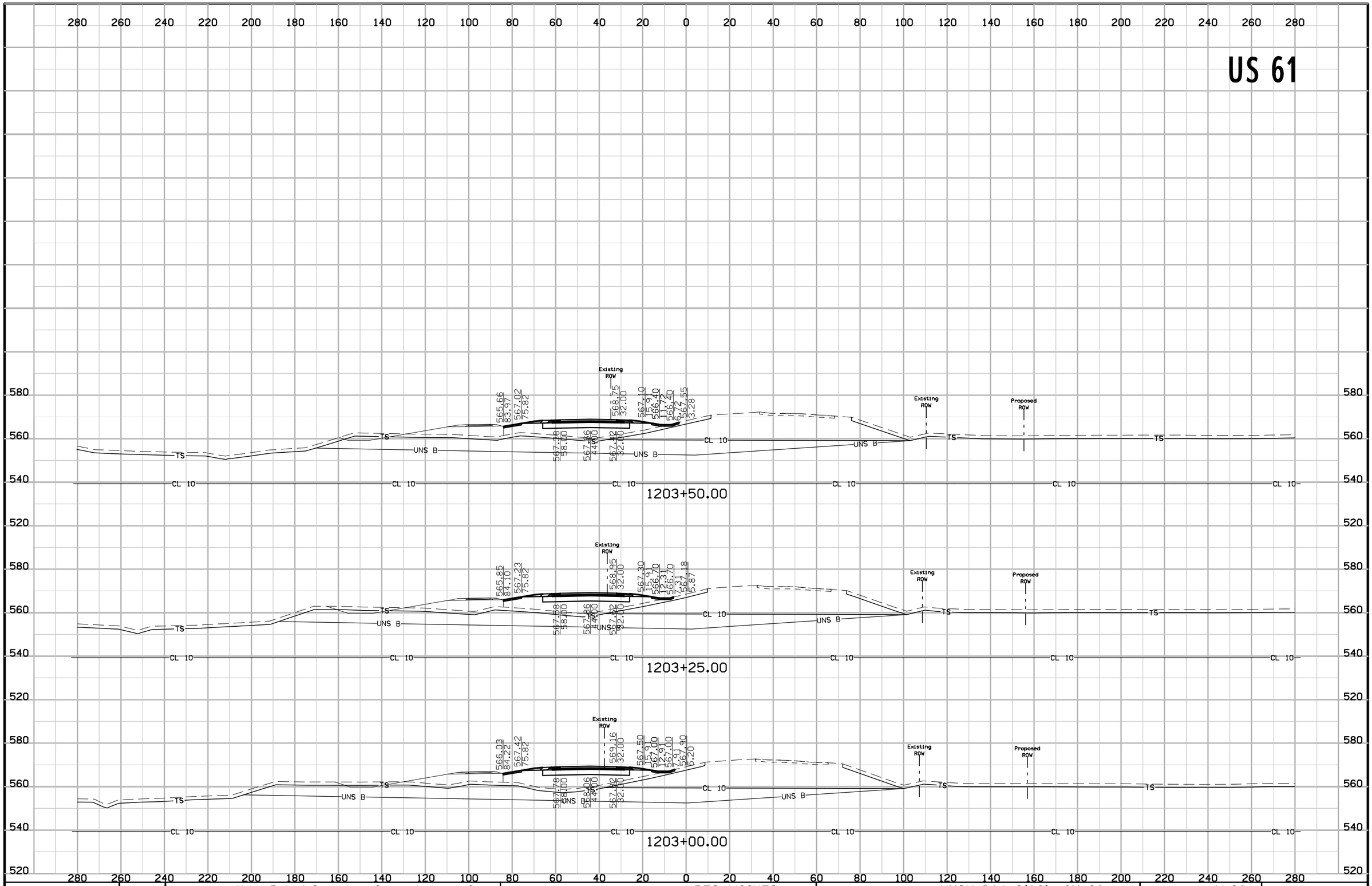
600 580 560 540 520 500



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.27

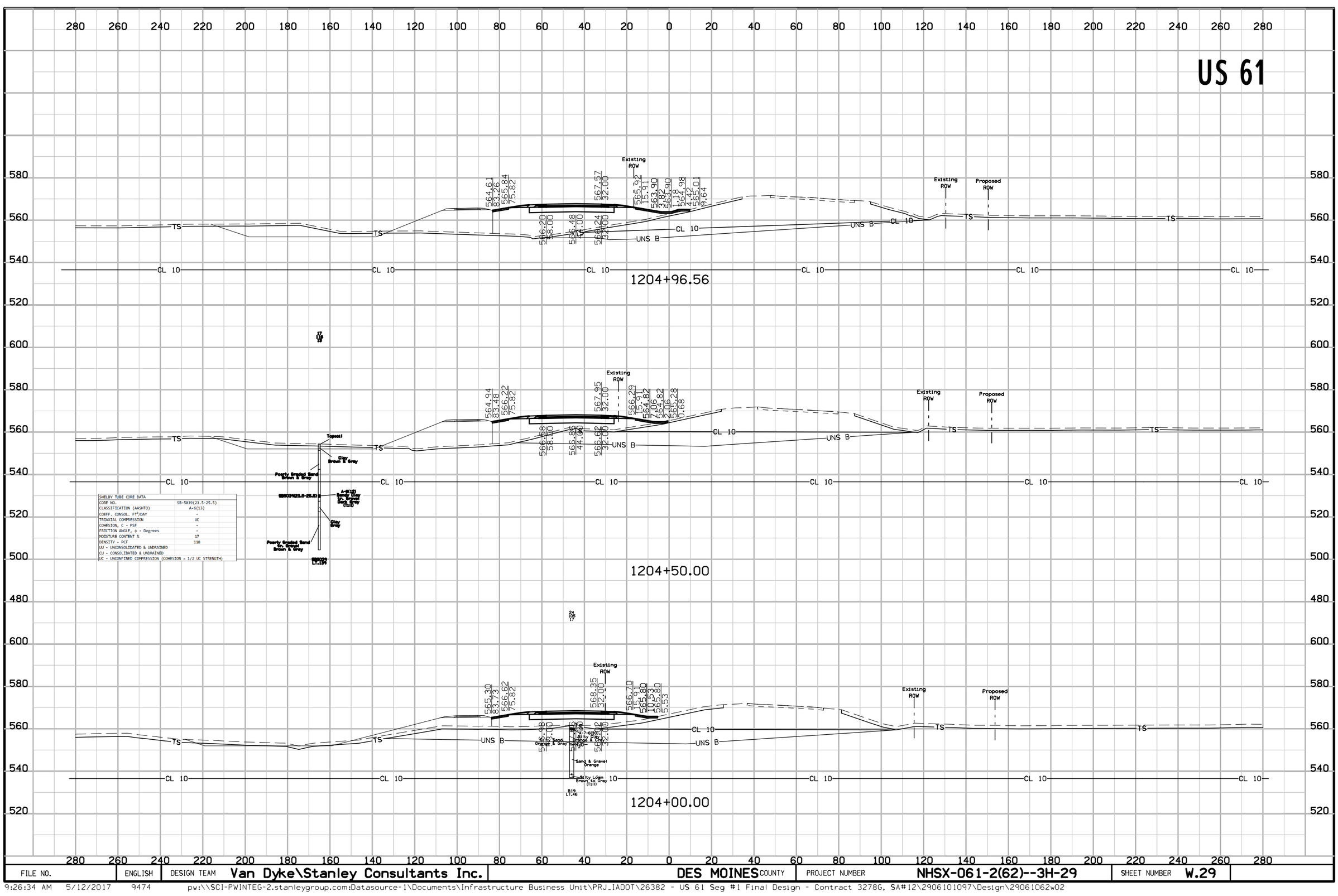
9:26:30 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.28

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.29

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

580 560 540 520

Proposed ROW

Existing ROW

TS

CL 10

564.05 83.52 565.33 75.82 566.74 32.00 565.09 15.91 562.74 1.84 562.74 3.16 564.90 9.63 565.04 38.54

565.69 58.00 565.65 44.00 565.41 32.00

1206+00.00

564.12 83.48 565.40 75.82 566.85 32.00 565.19 15.91 562.85 1.84 562.35 3.16 564.85 9.16 564.99 35.72

565.76 58.00 565.76 44.00 565.52 32.00

1205+86.56

564.32 83.39 565.58 75.82 567.14 32.00 565.49 15.91 563.14 1.84 563.14 3.16 564.93 8.50 565.01 25.66

565.94 58.00 566.05 44.00 565.81 32.00

1205+50.00

564.59 83.26 565.83 75.82 567.55 32.00 565.89 15.91 563.84 1.84 563.84 3.42 564.99 4.89 565.02 10.52

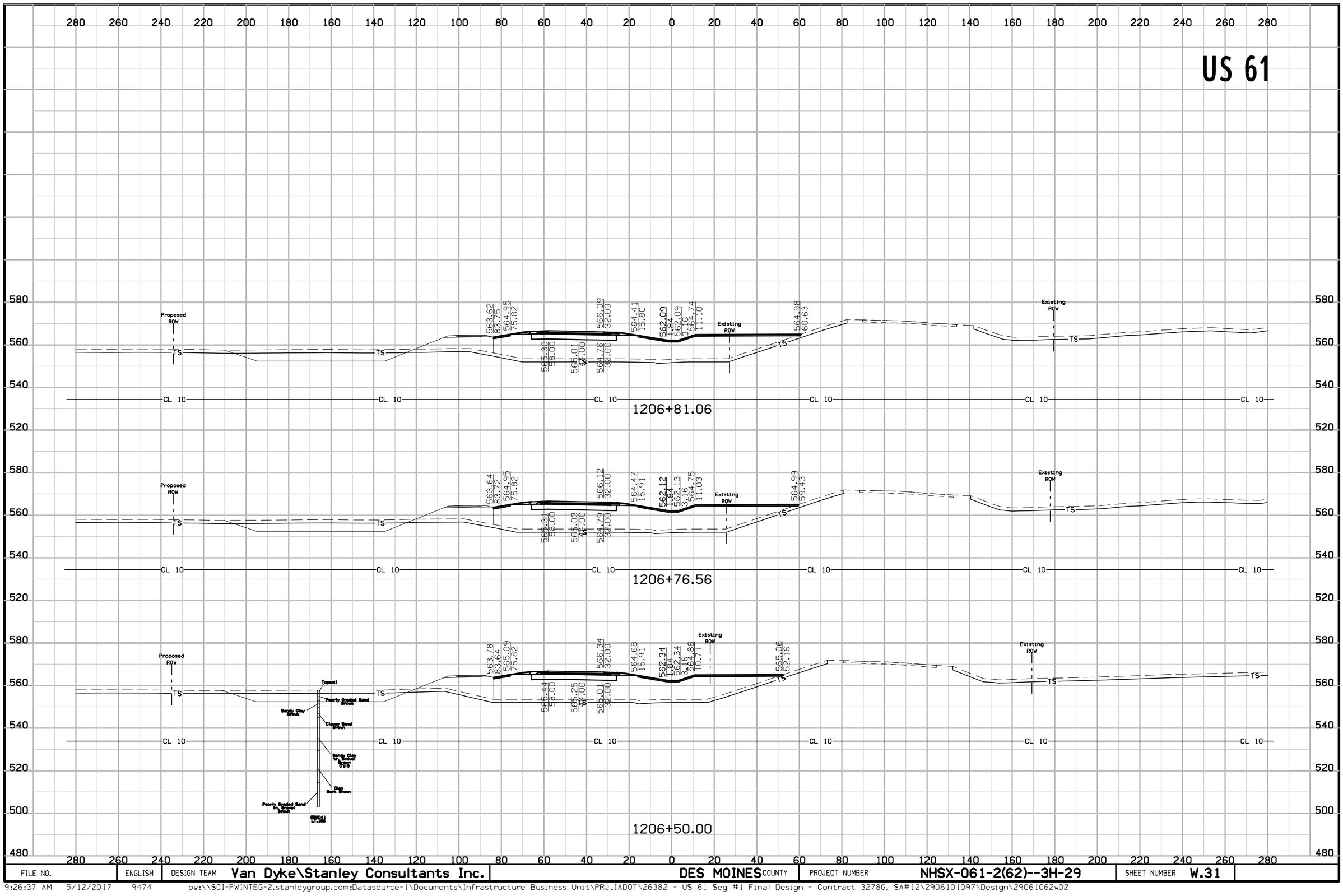
566.18 58.00 566.45 44.00 566.21 32.00

UNS B

1205+00.00

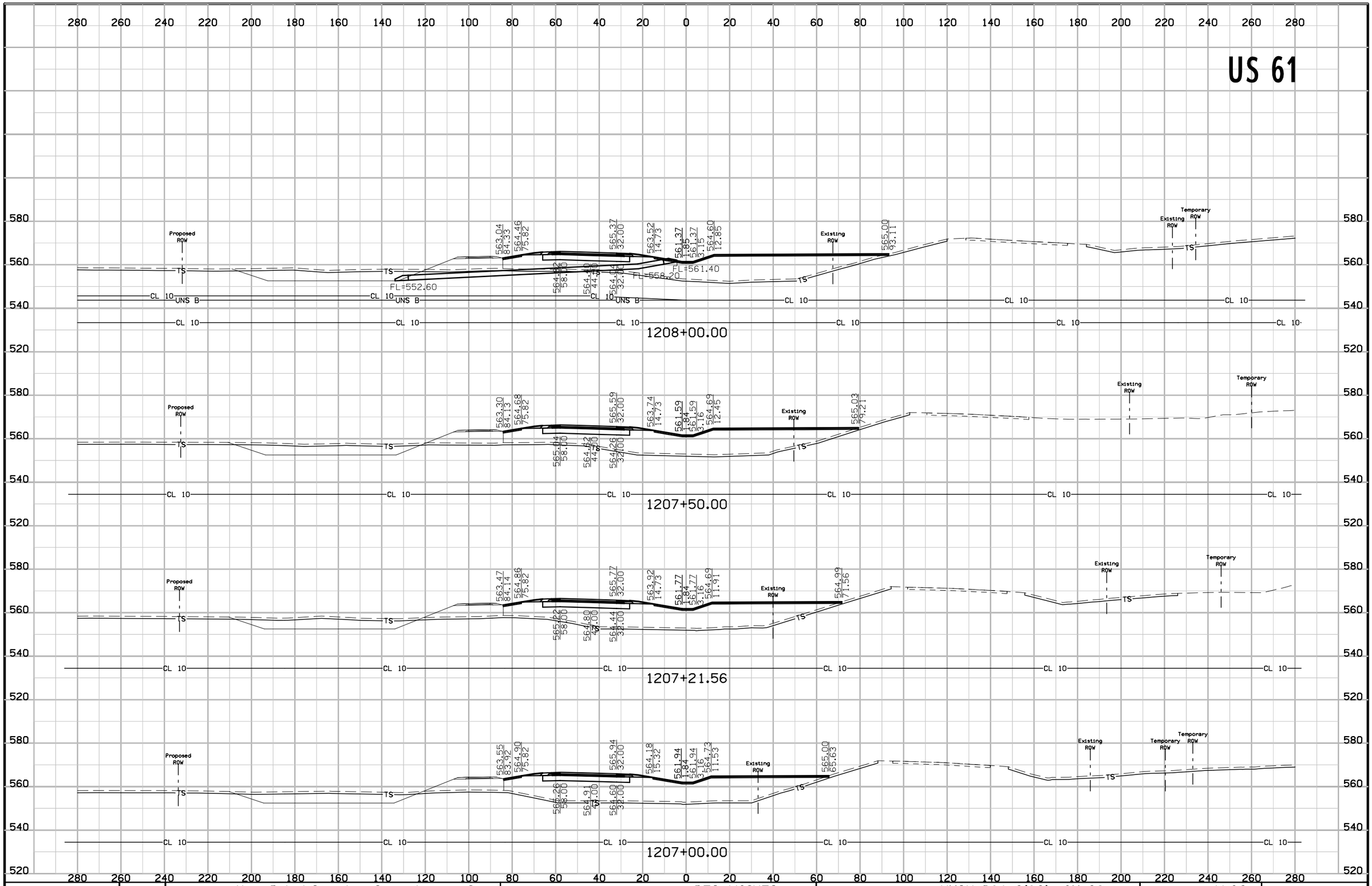
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.30

US 61



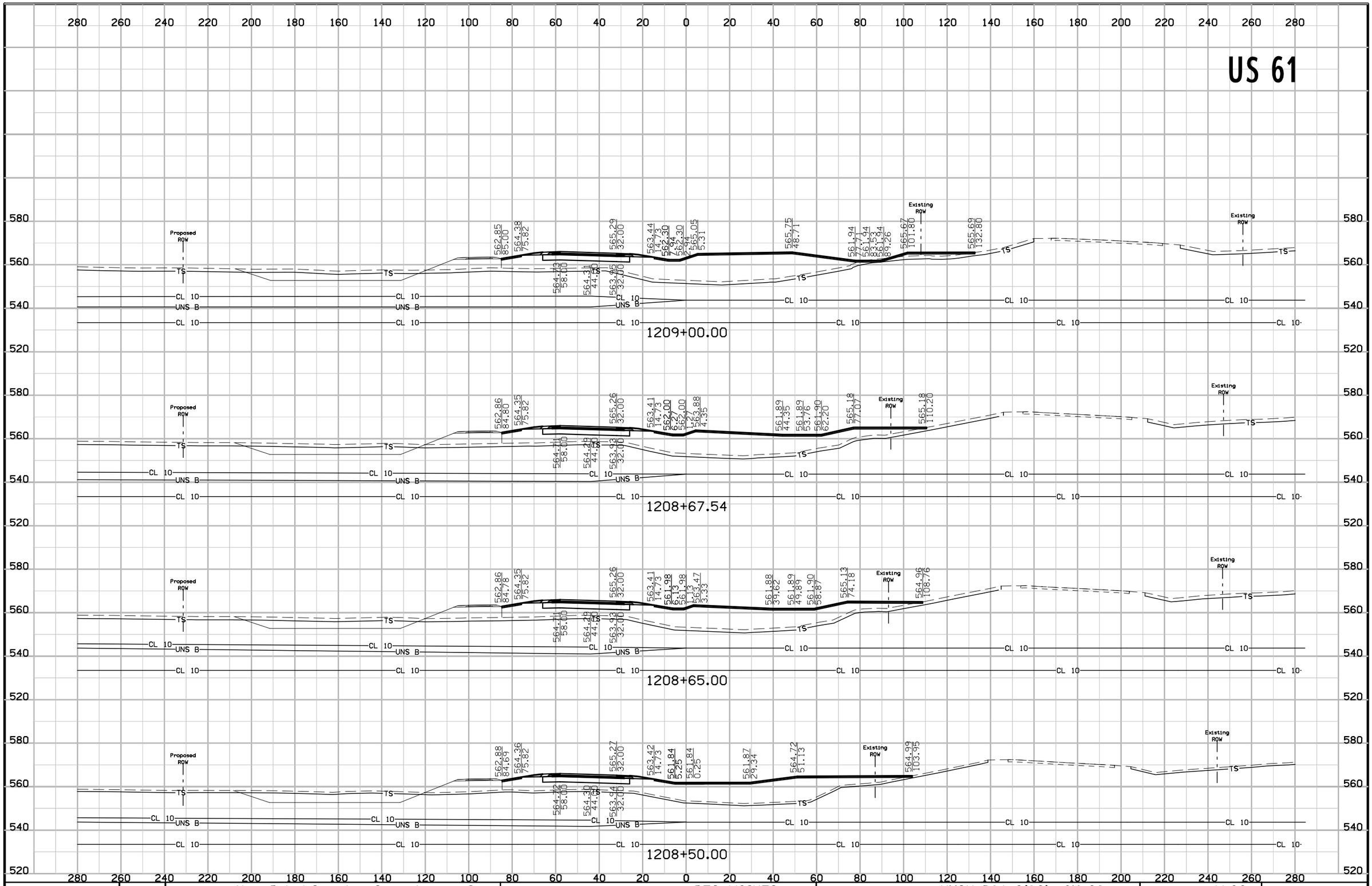
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.31

US 61



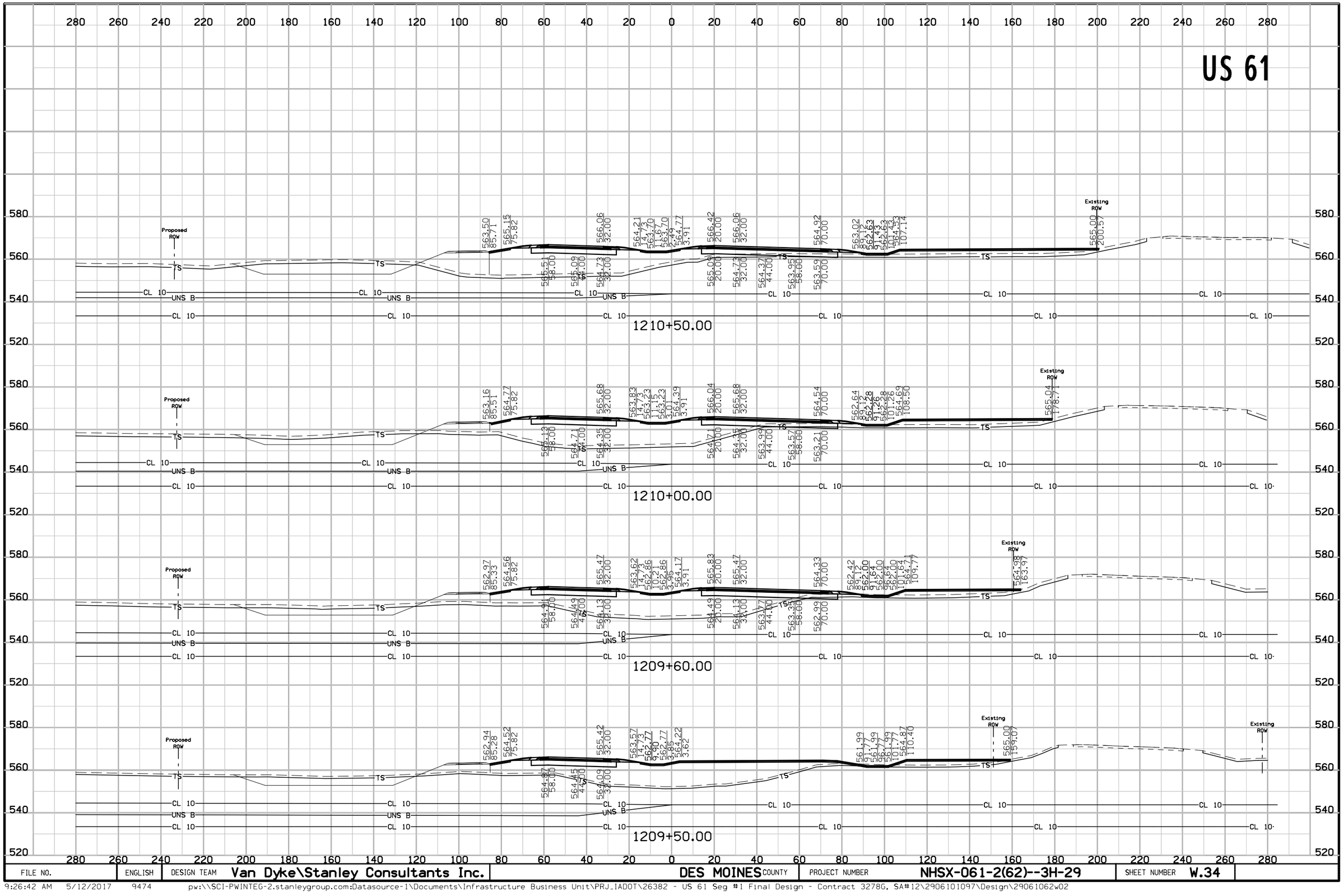
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.32

US 61



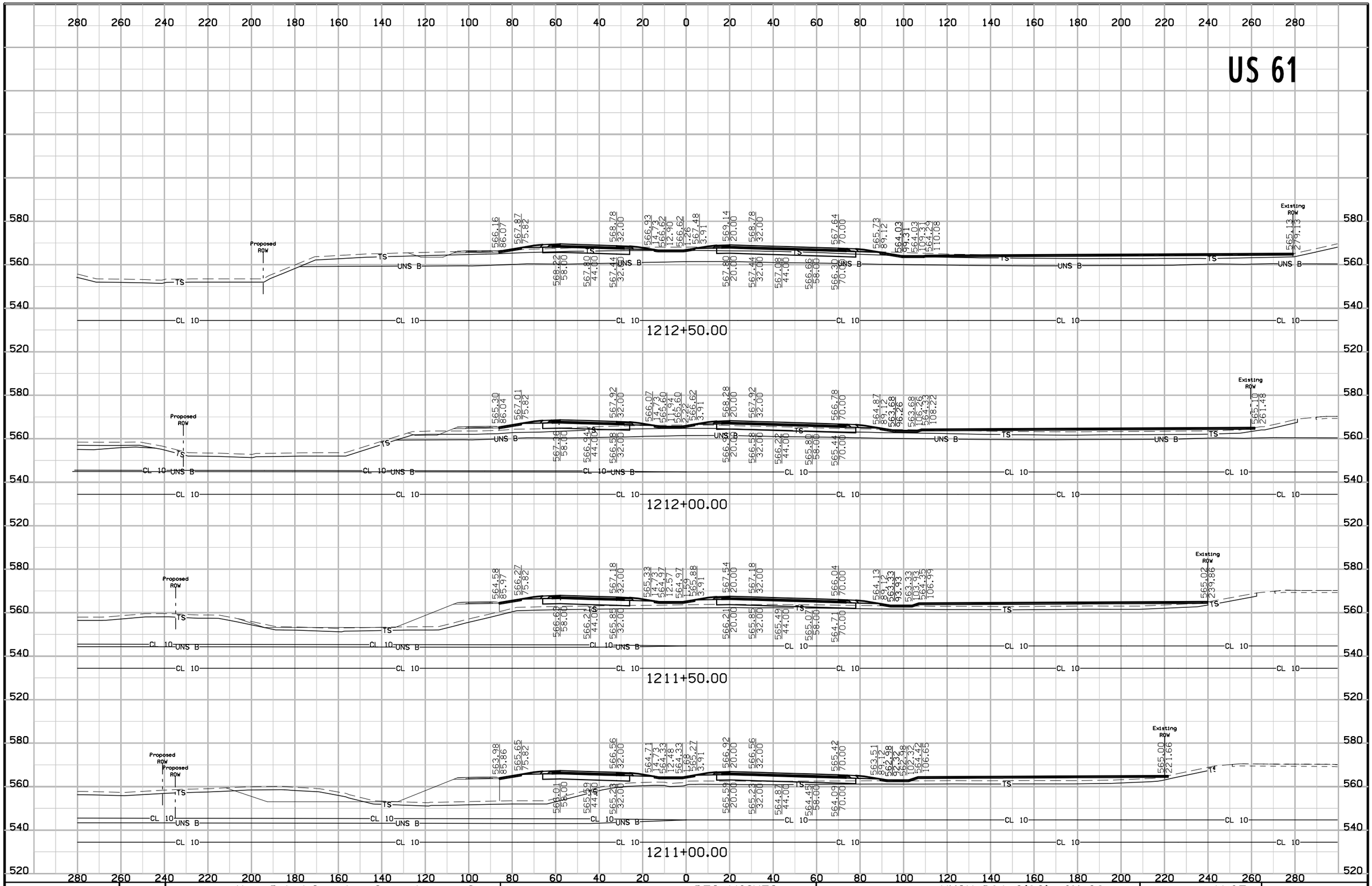
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.33

US 61



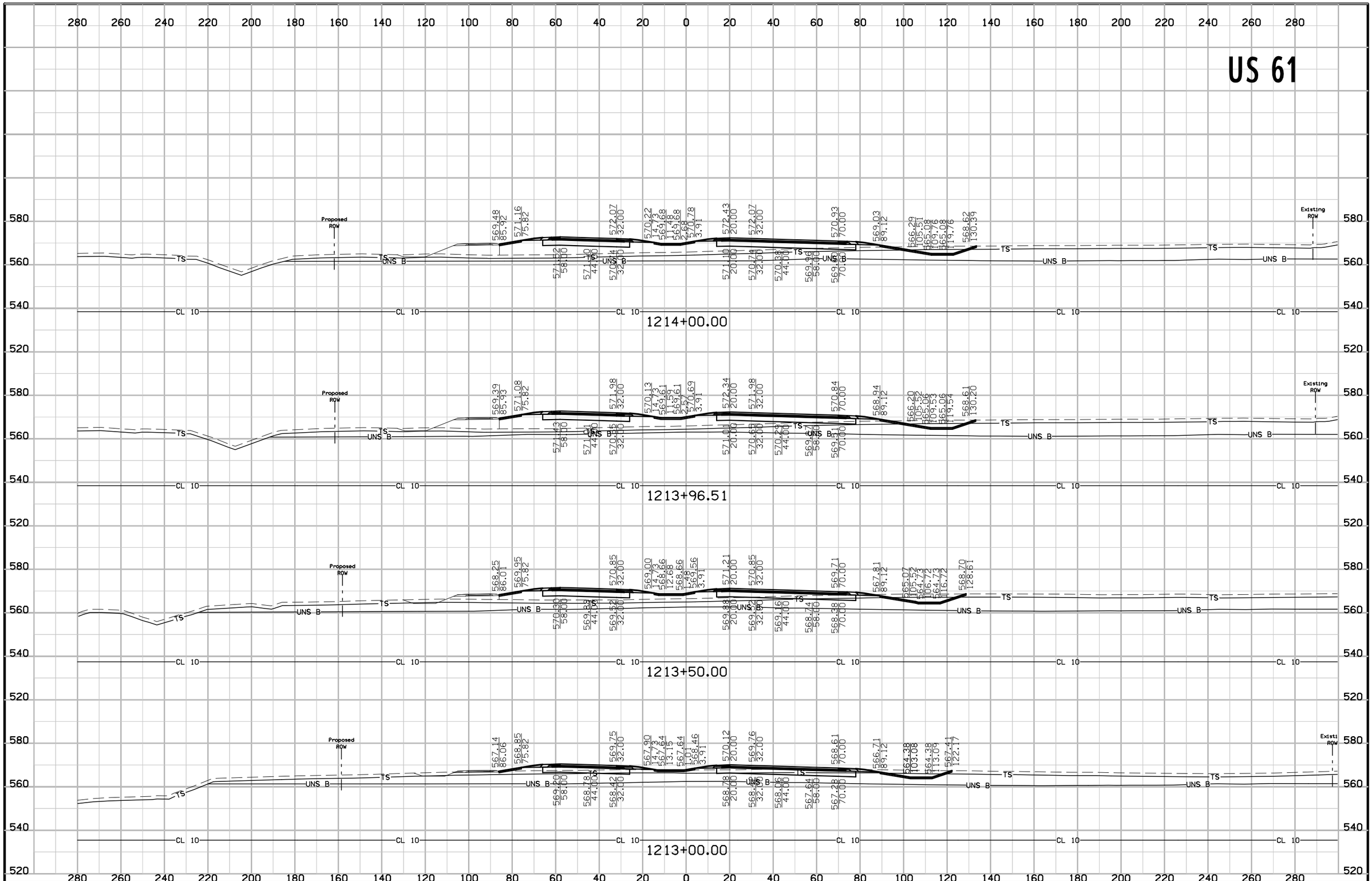
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.34

US 61



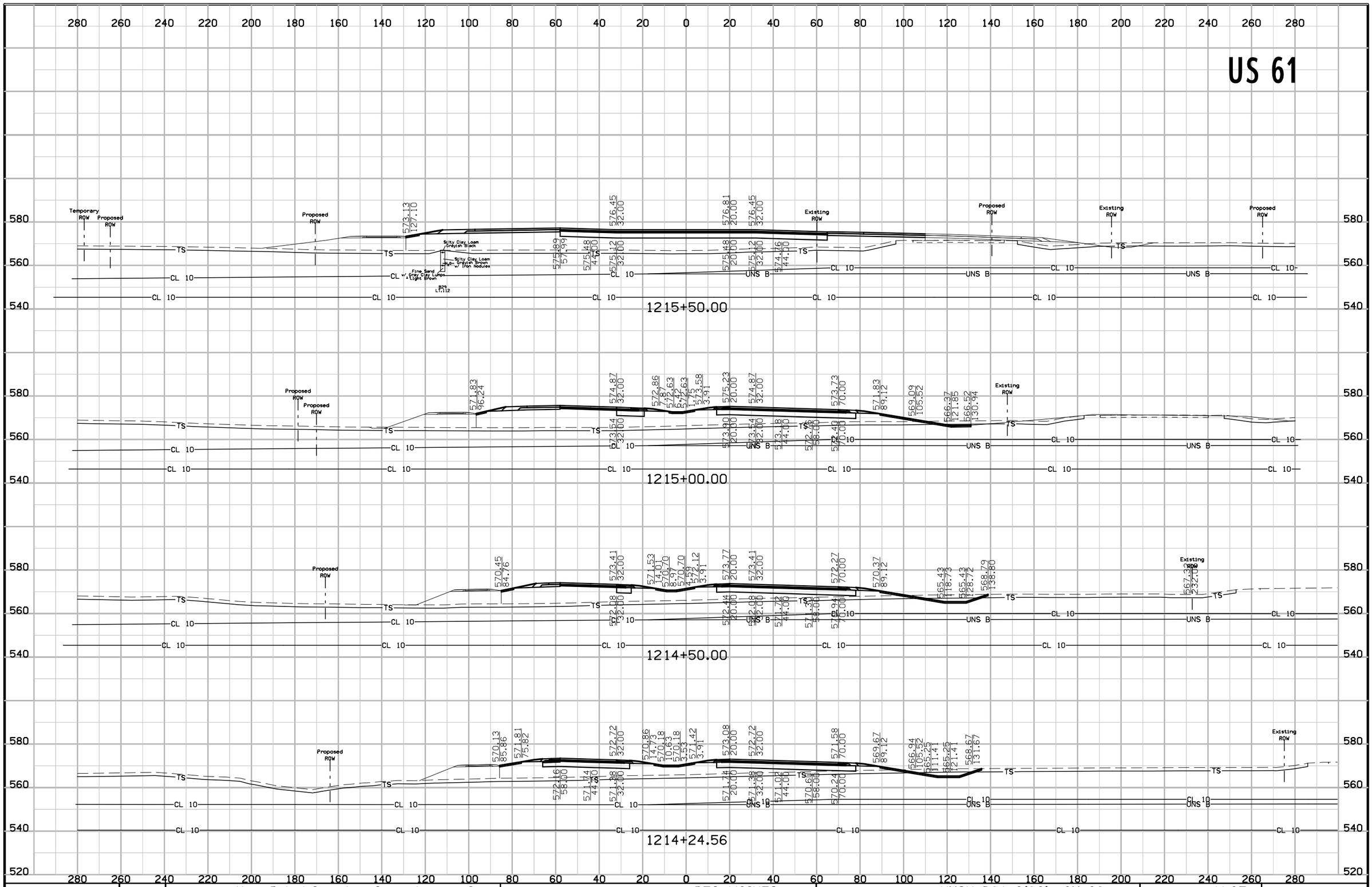
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.35

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.36

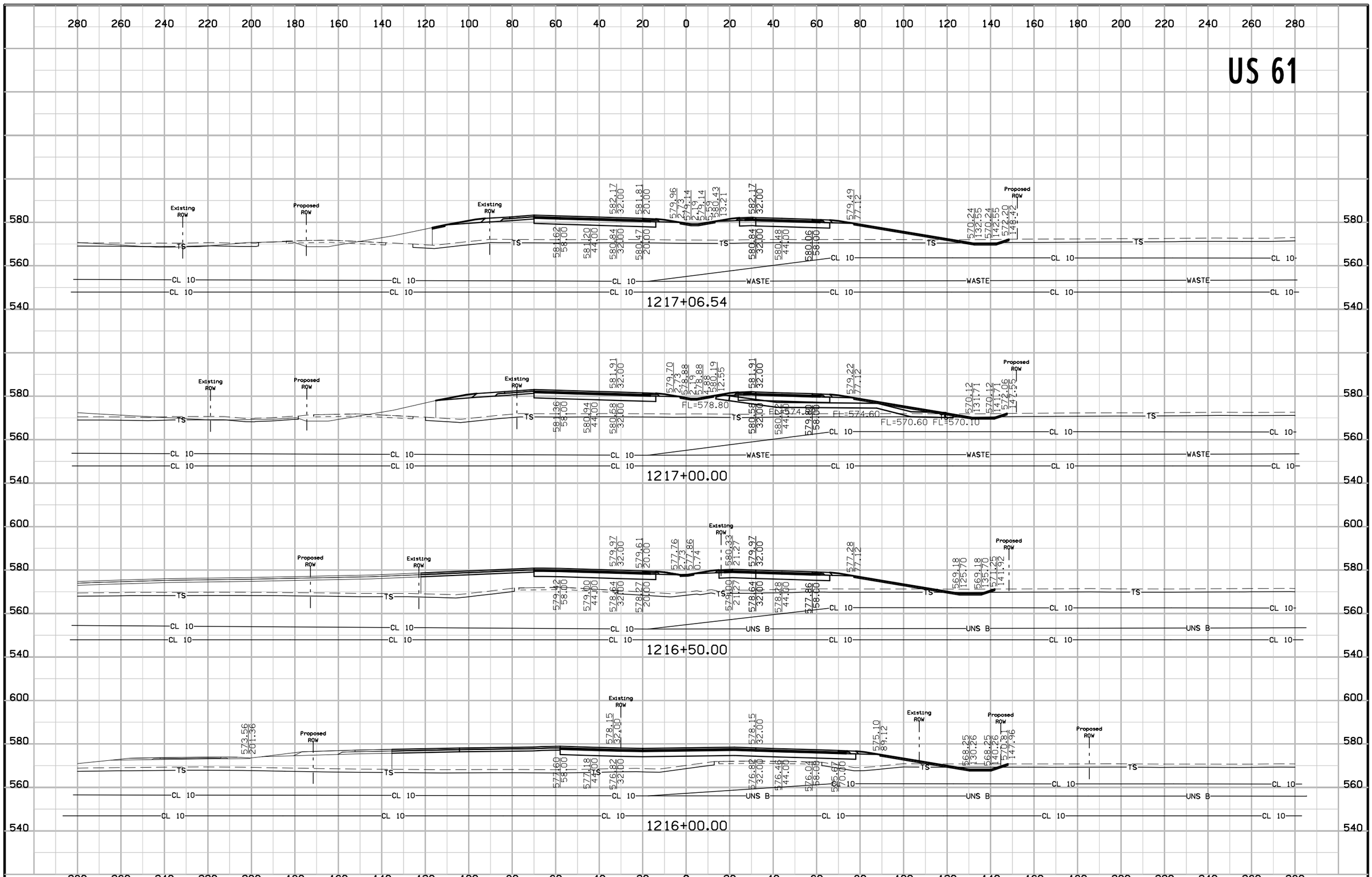
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.37

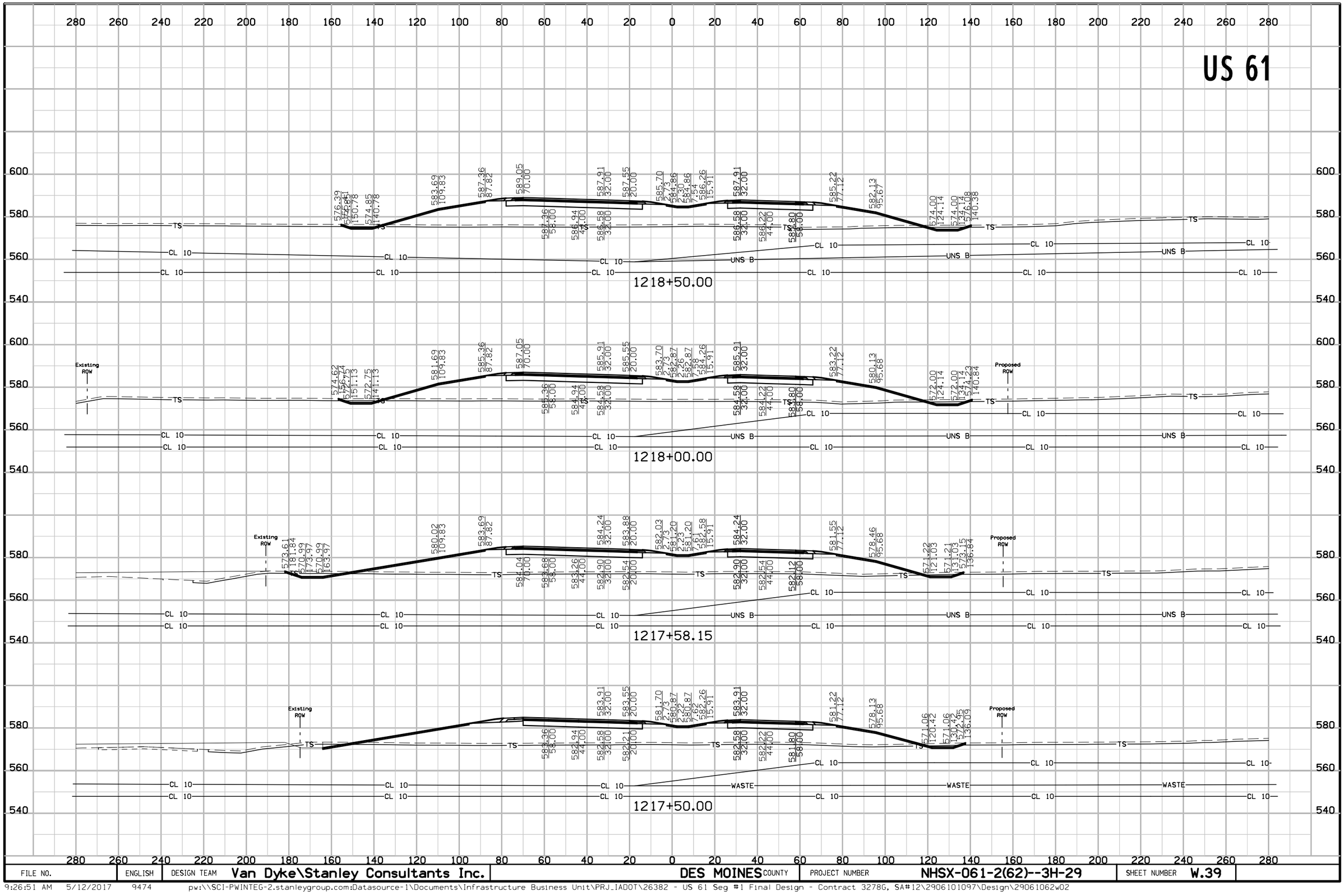
9:26:48 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



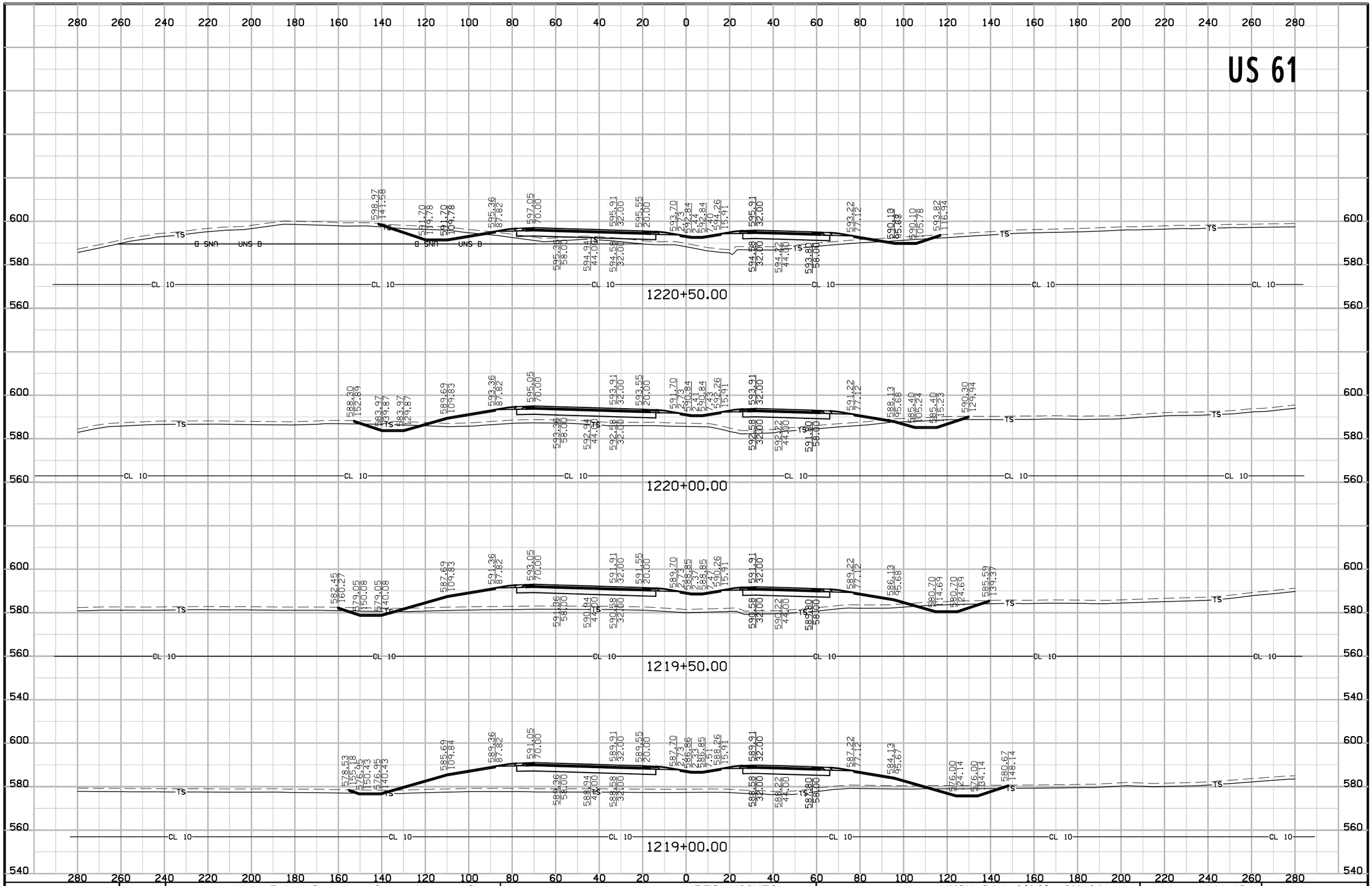
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.38

US 61



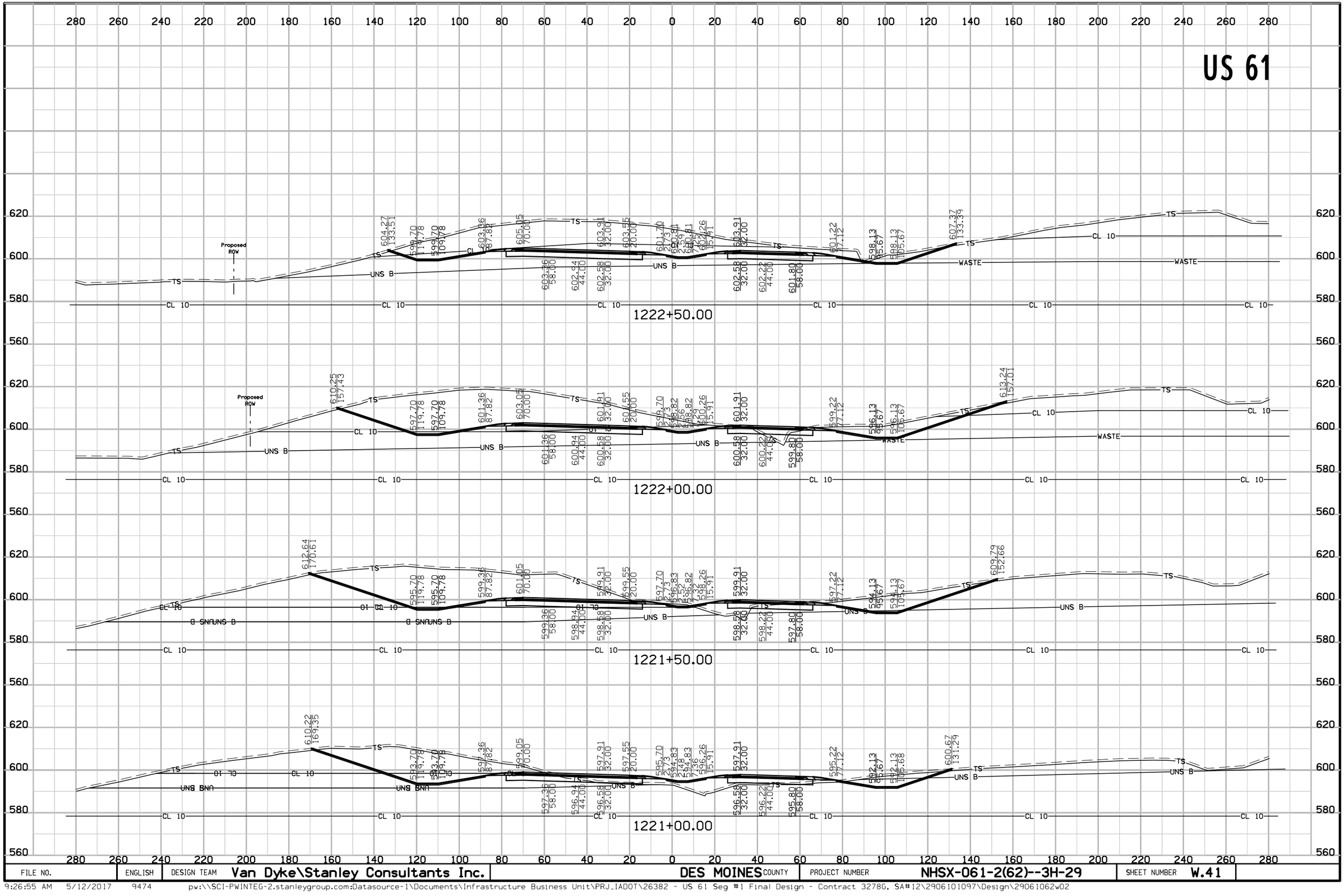
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.39

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.40

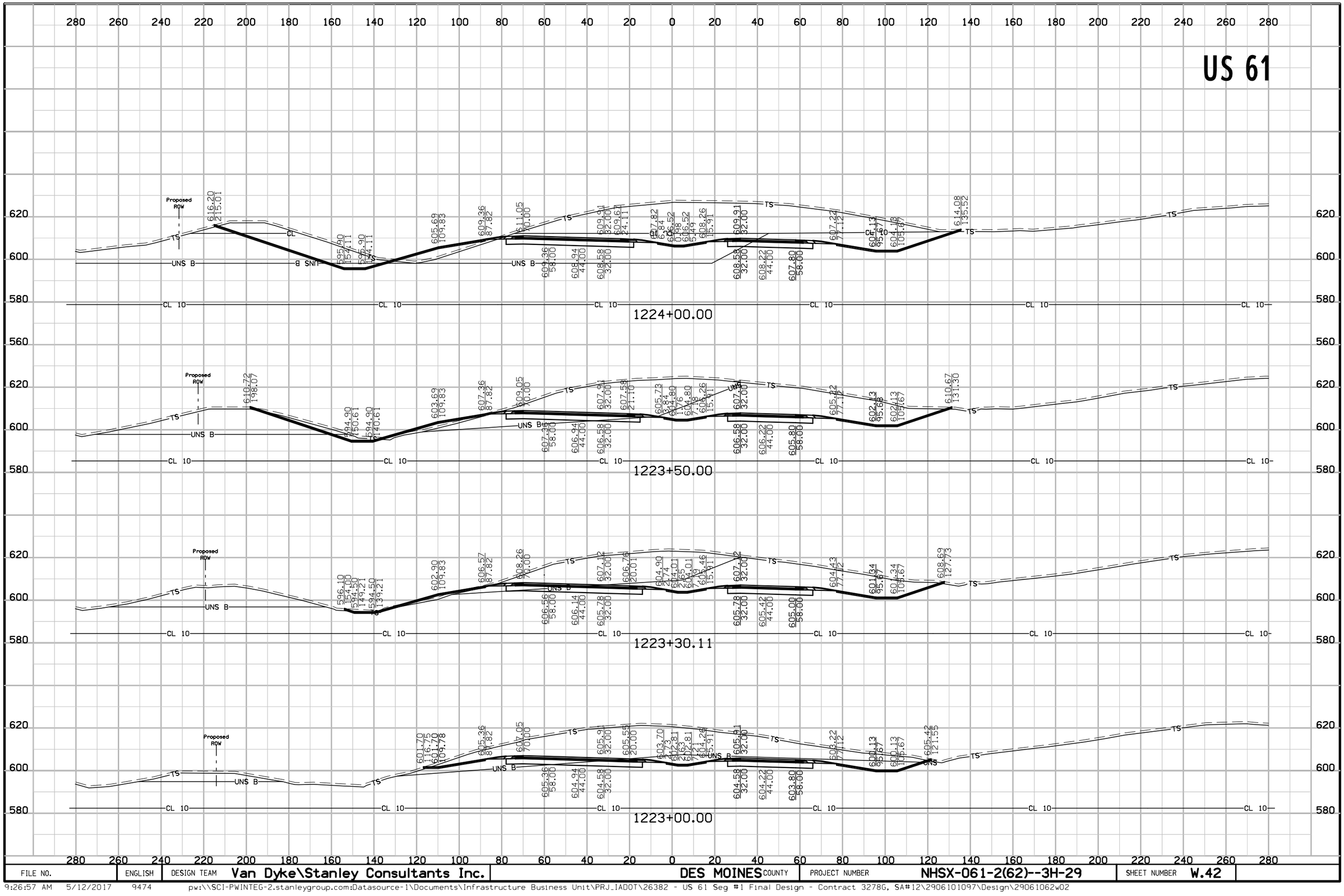
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.41

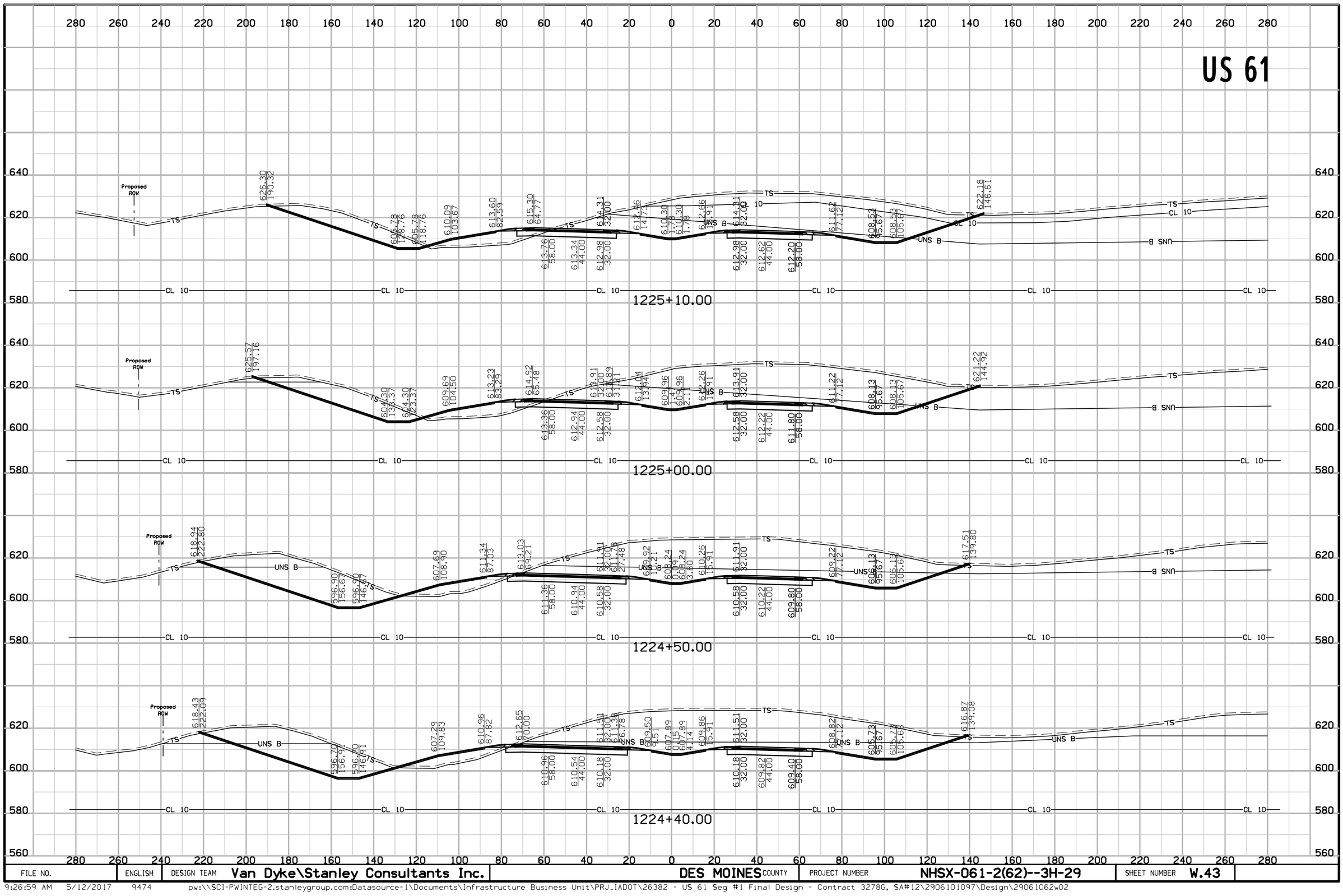
9:26:55 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



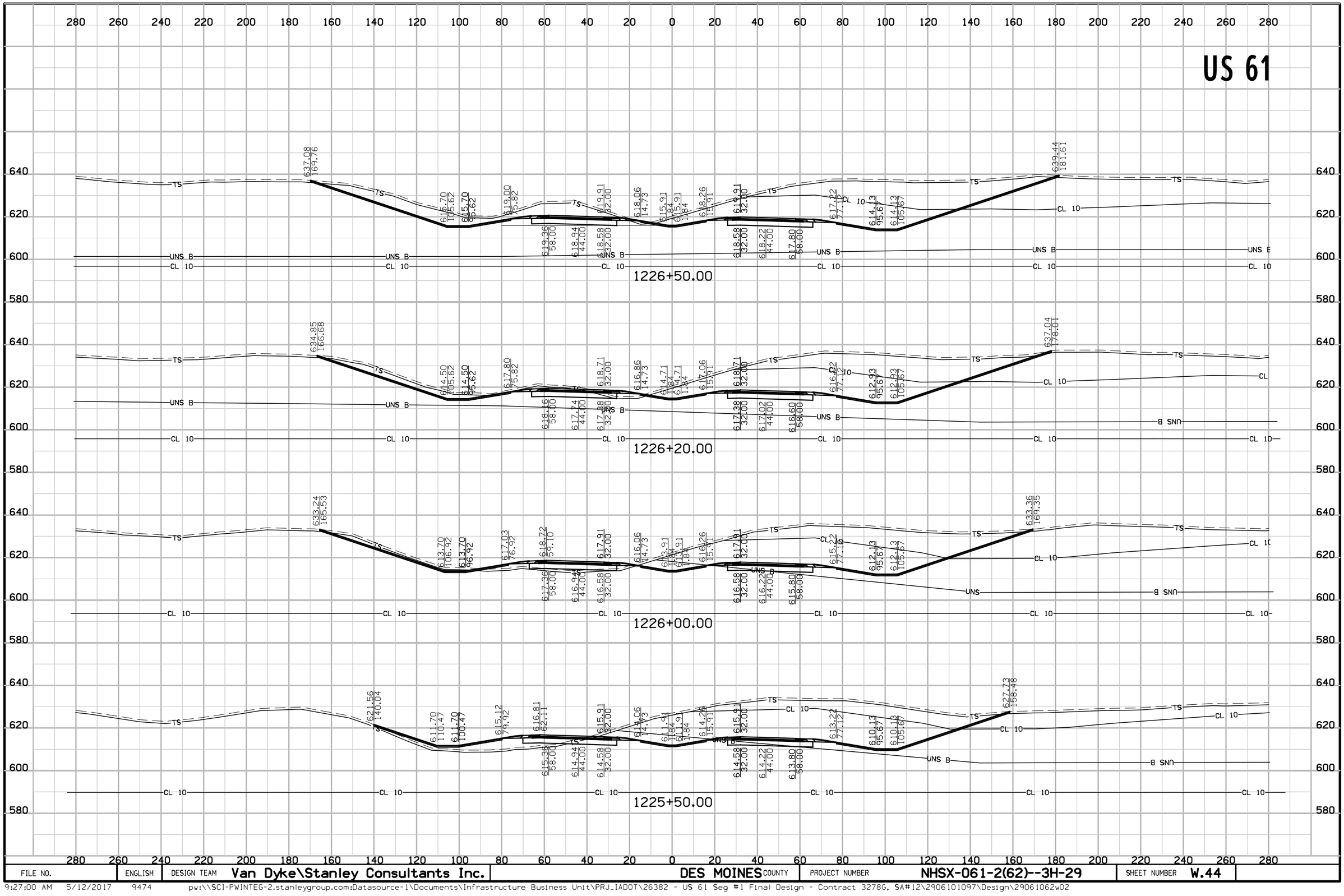
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.42

US 61



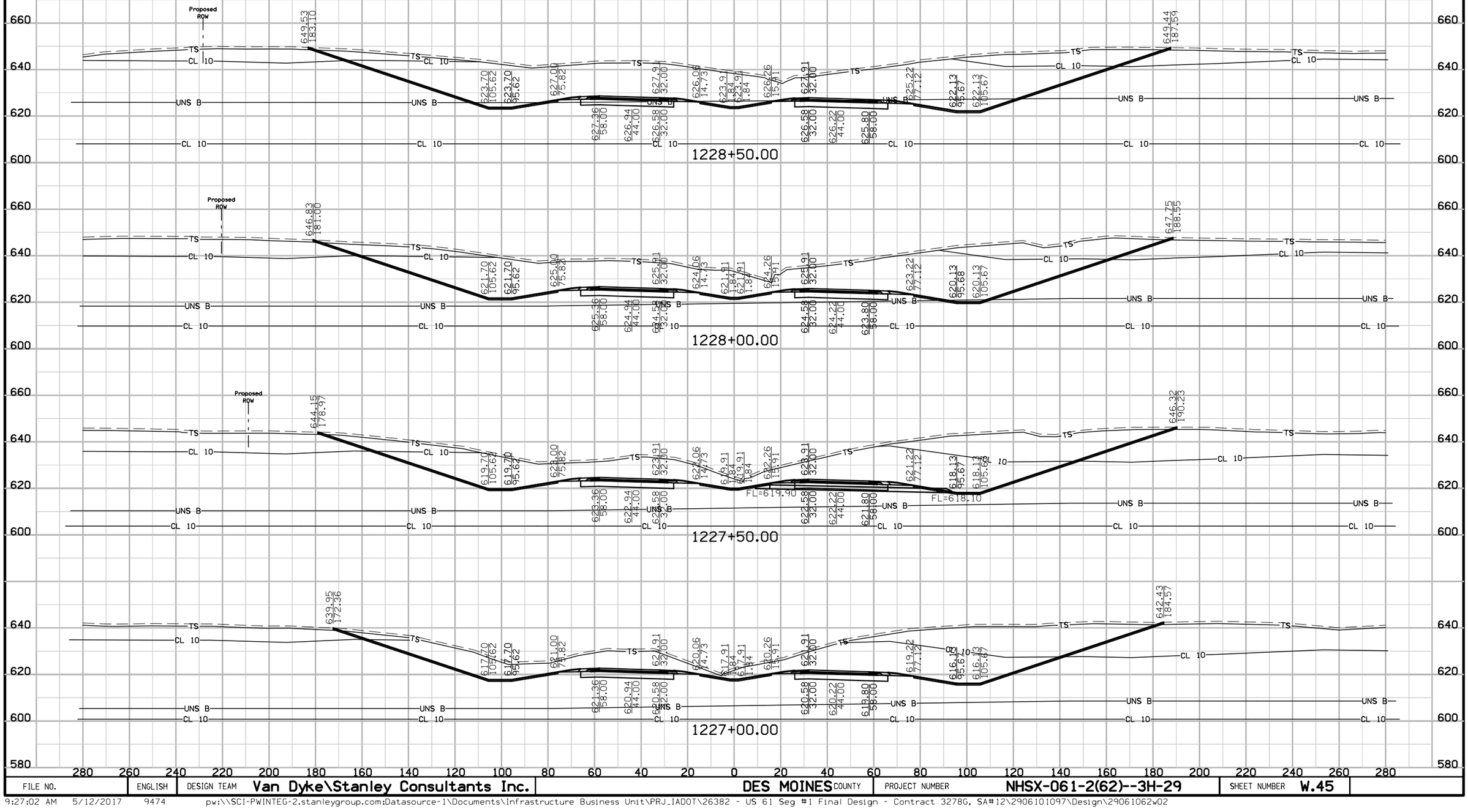
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.43

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.44

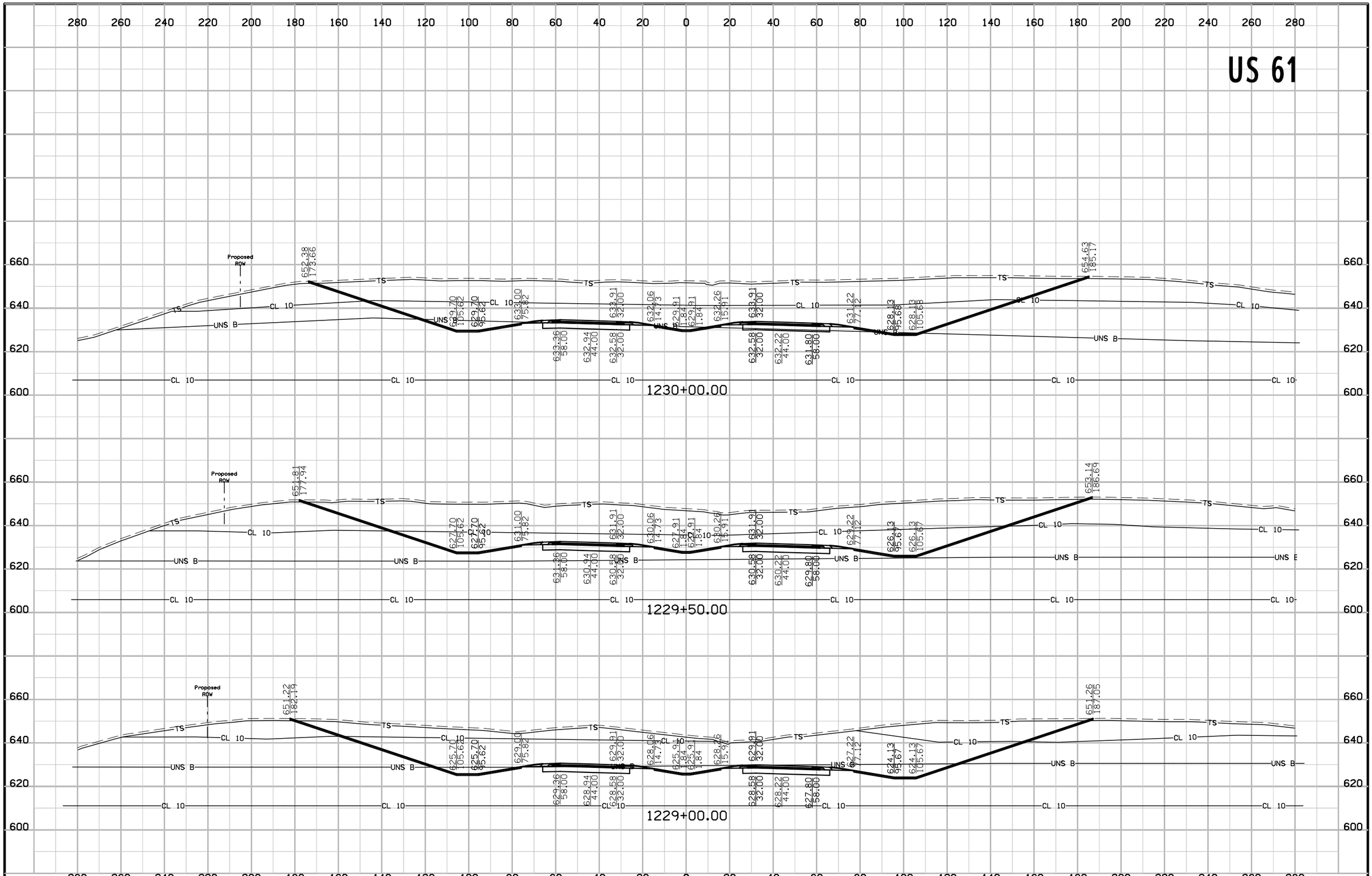
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.45

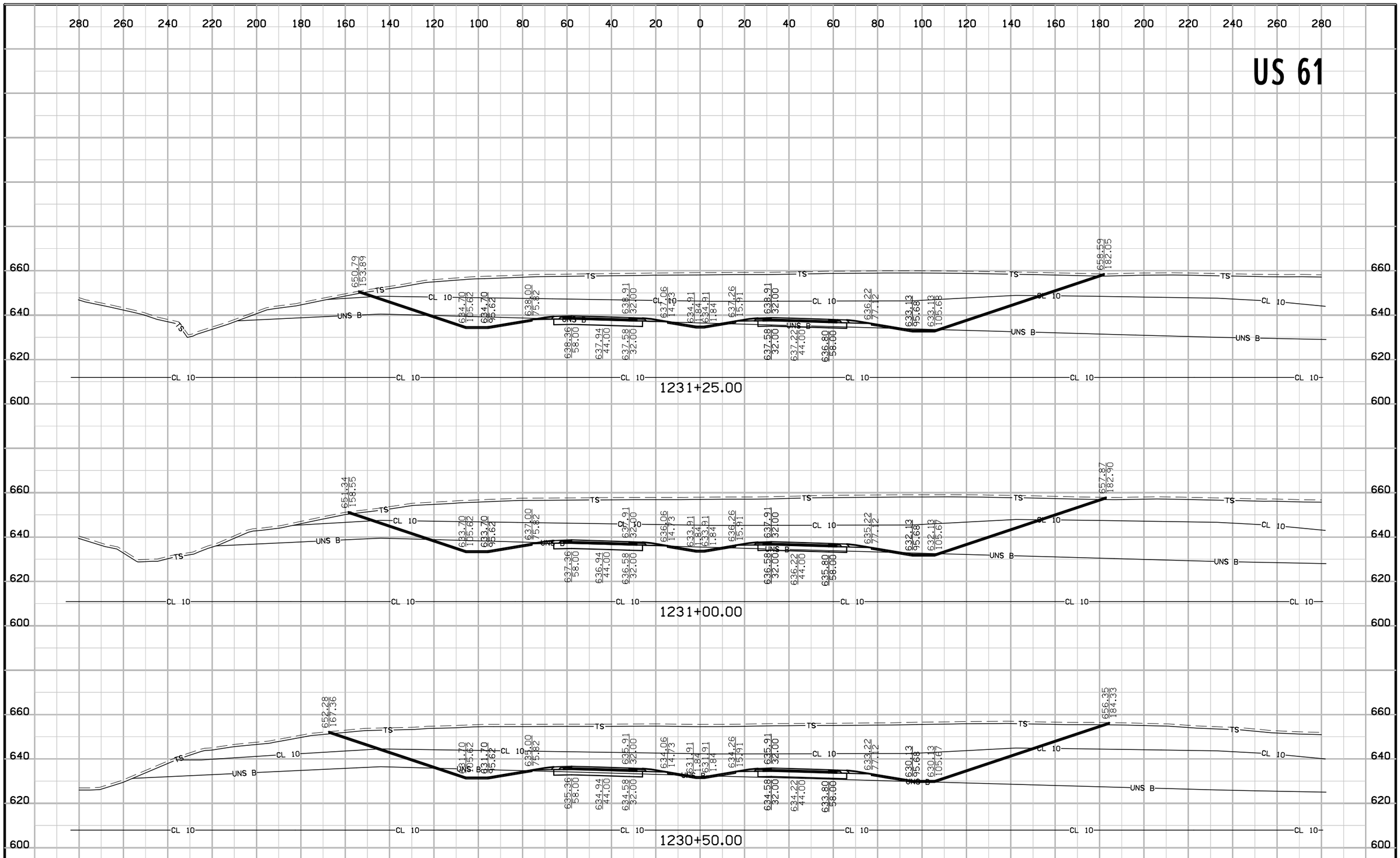
9:27:02 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



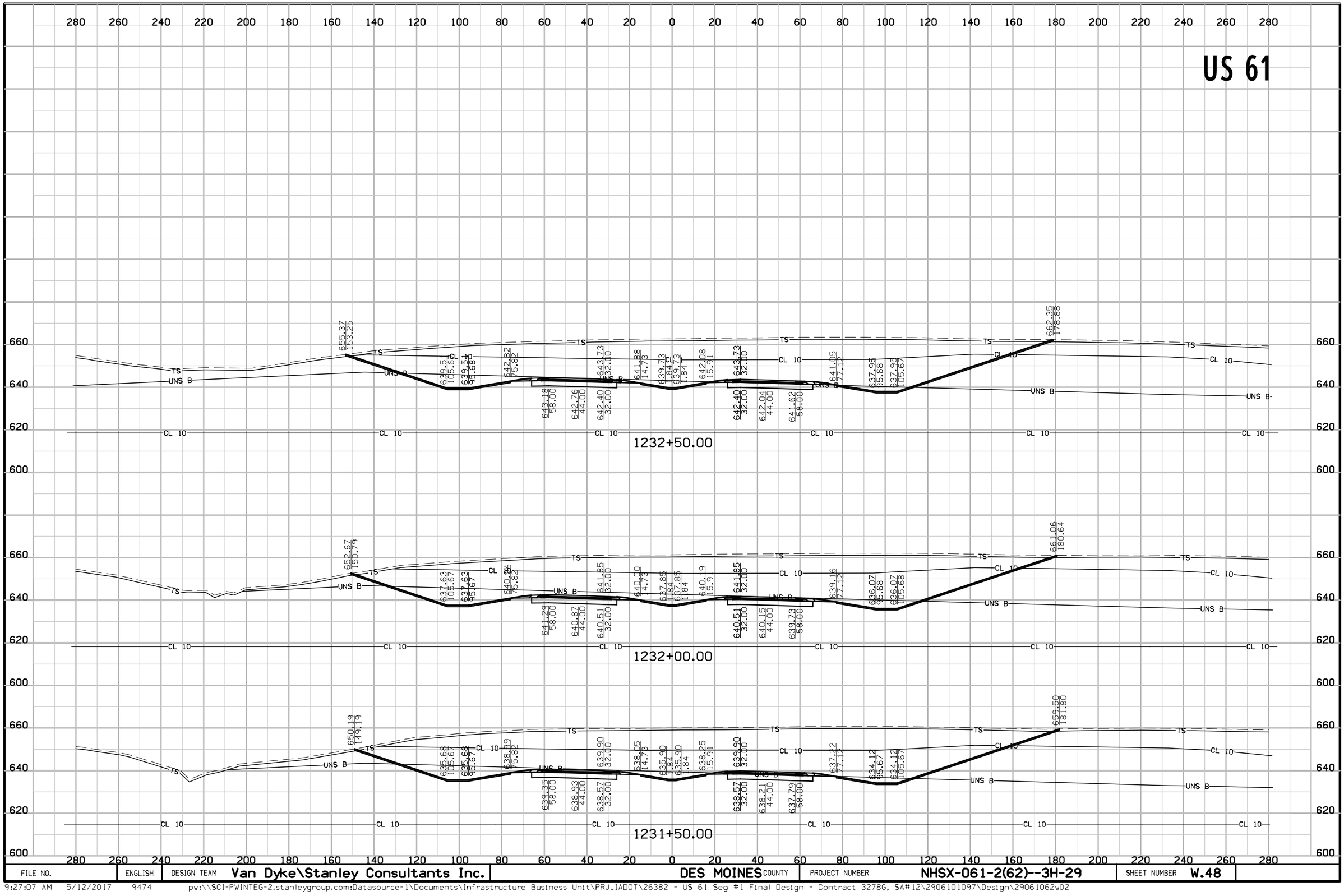
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.46

US 61



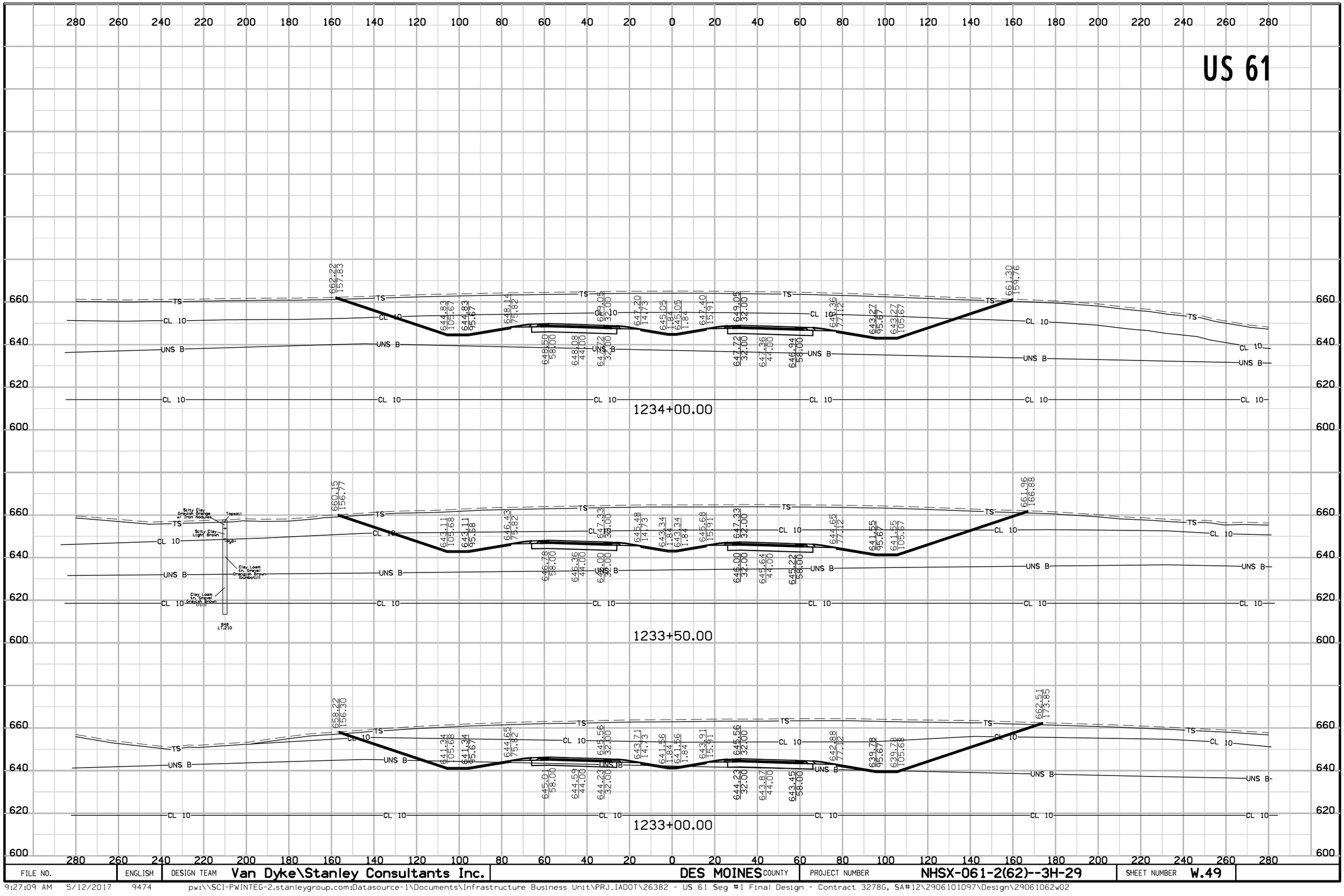
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.47

US 61



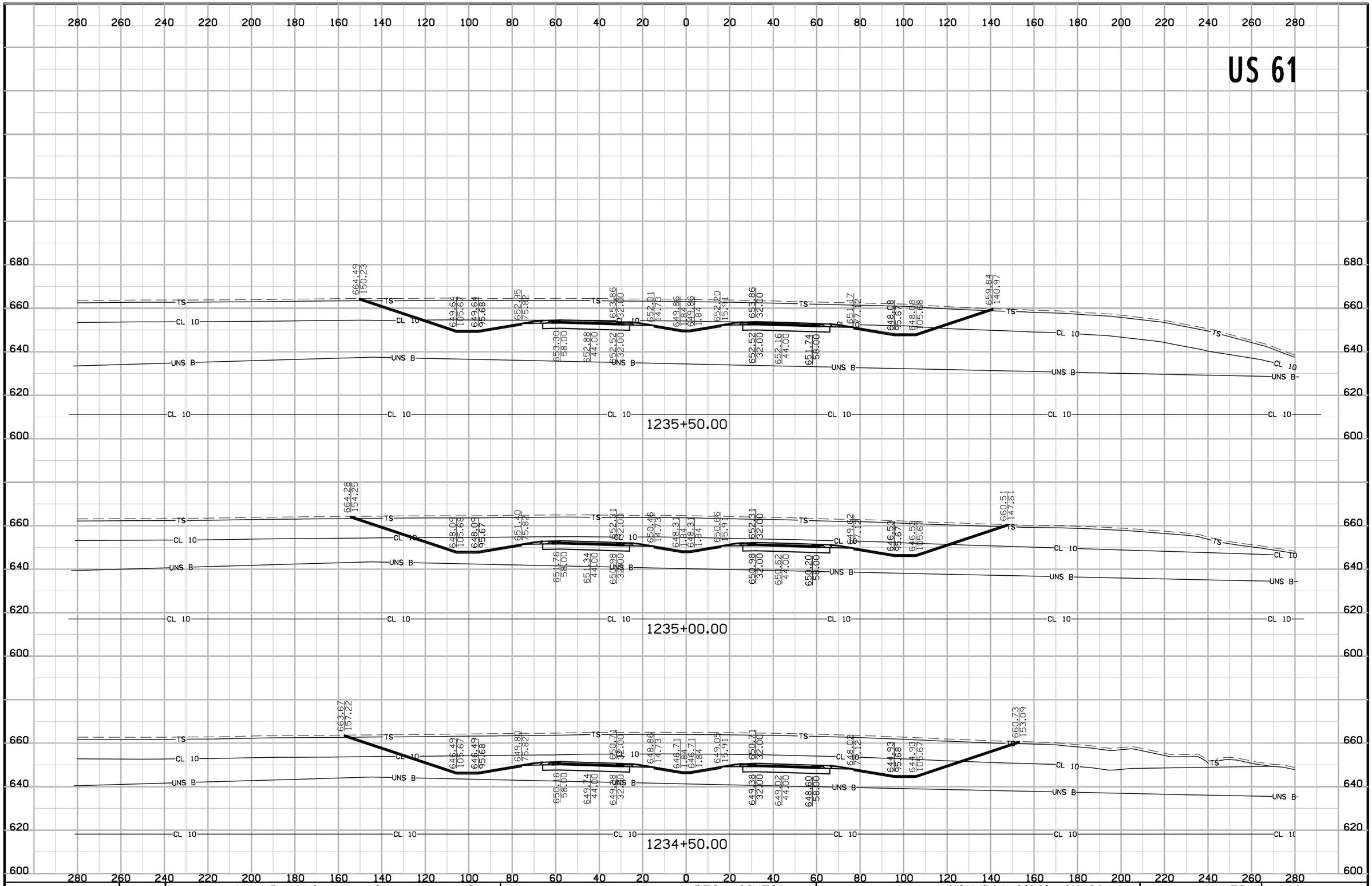
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.48

US 61



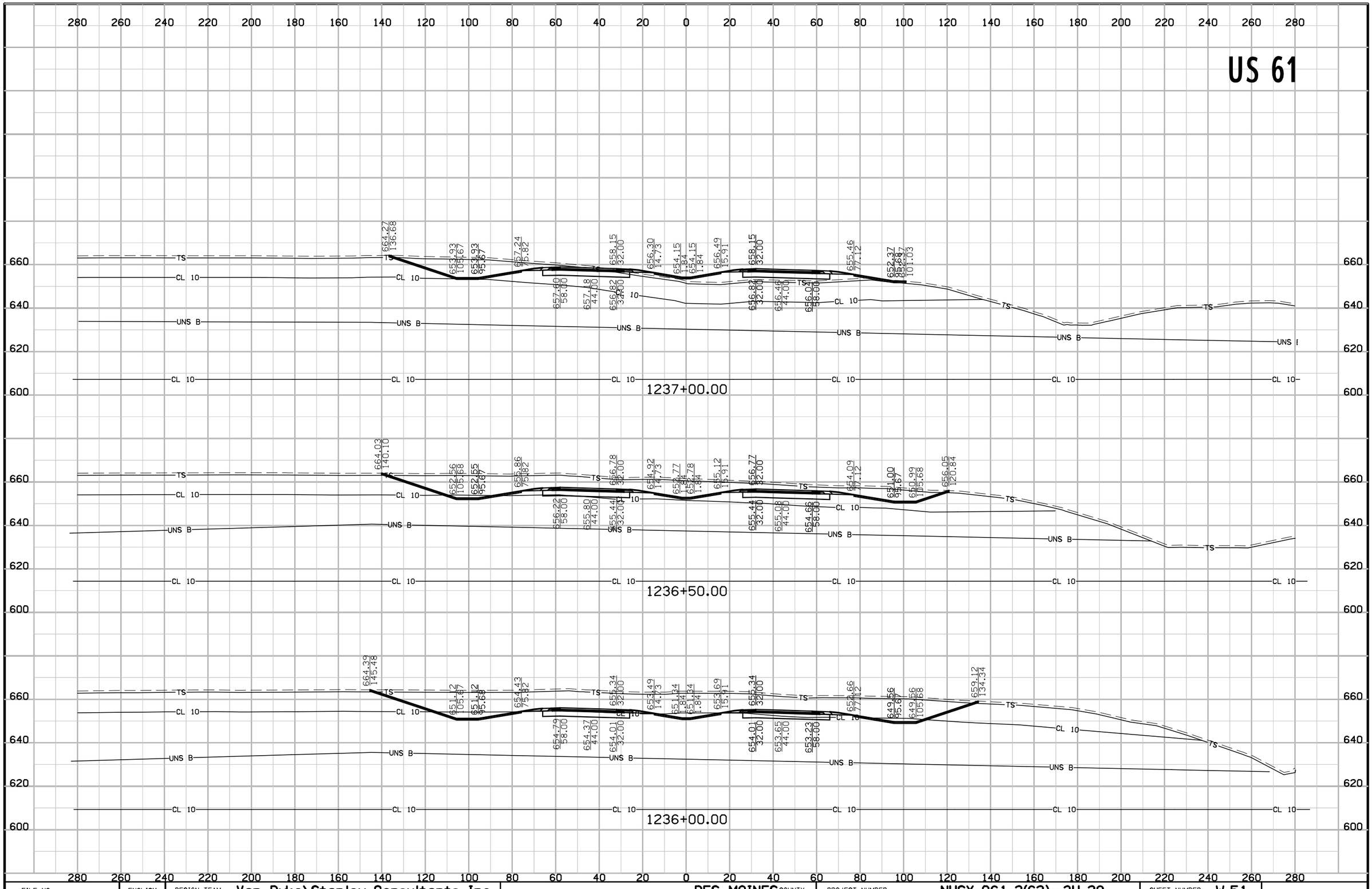
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.49

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.50

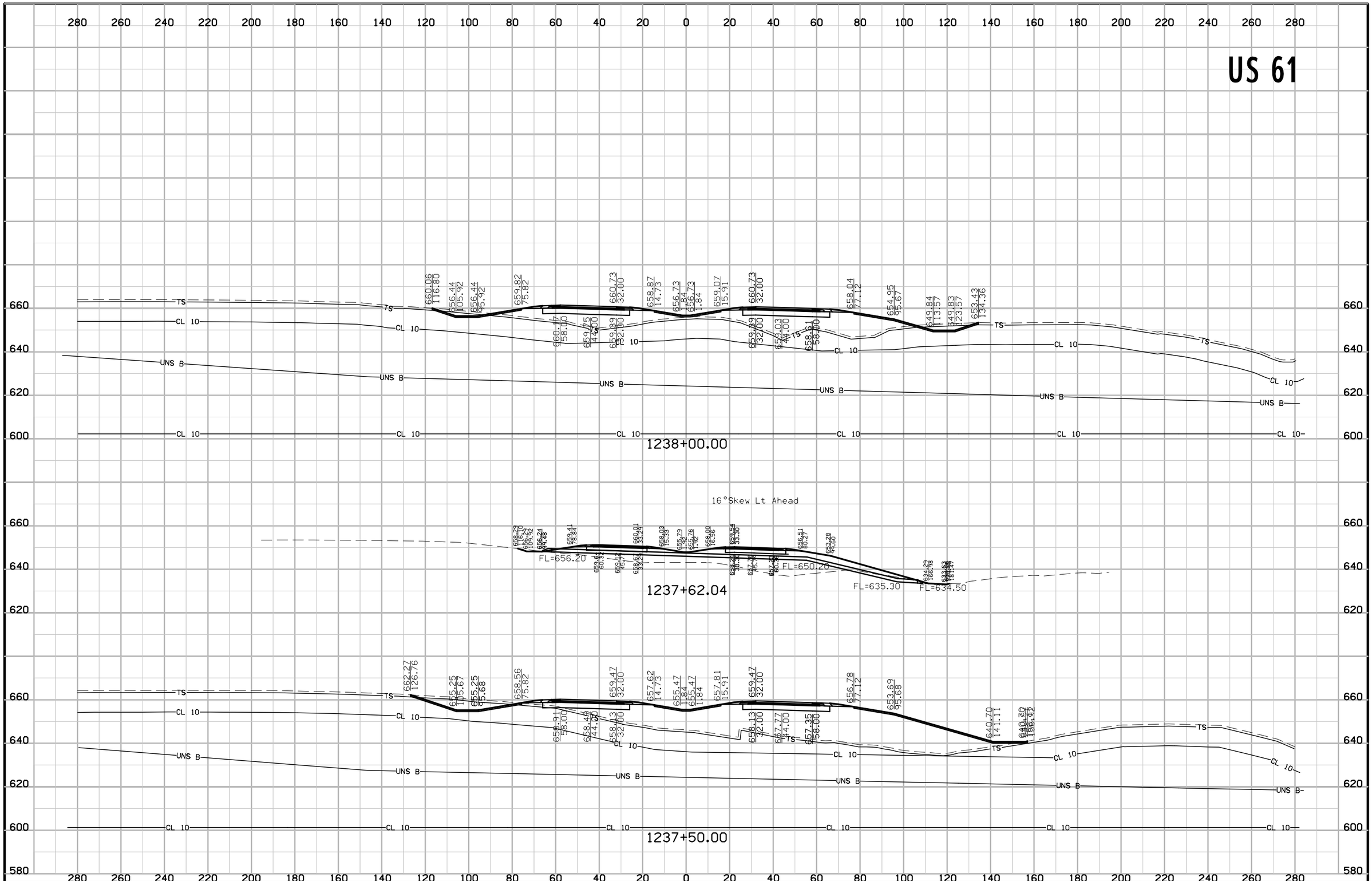
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.51

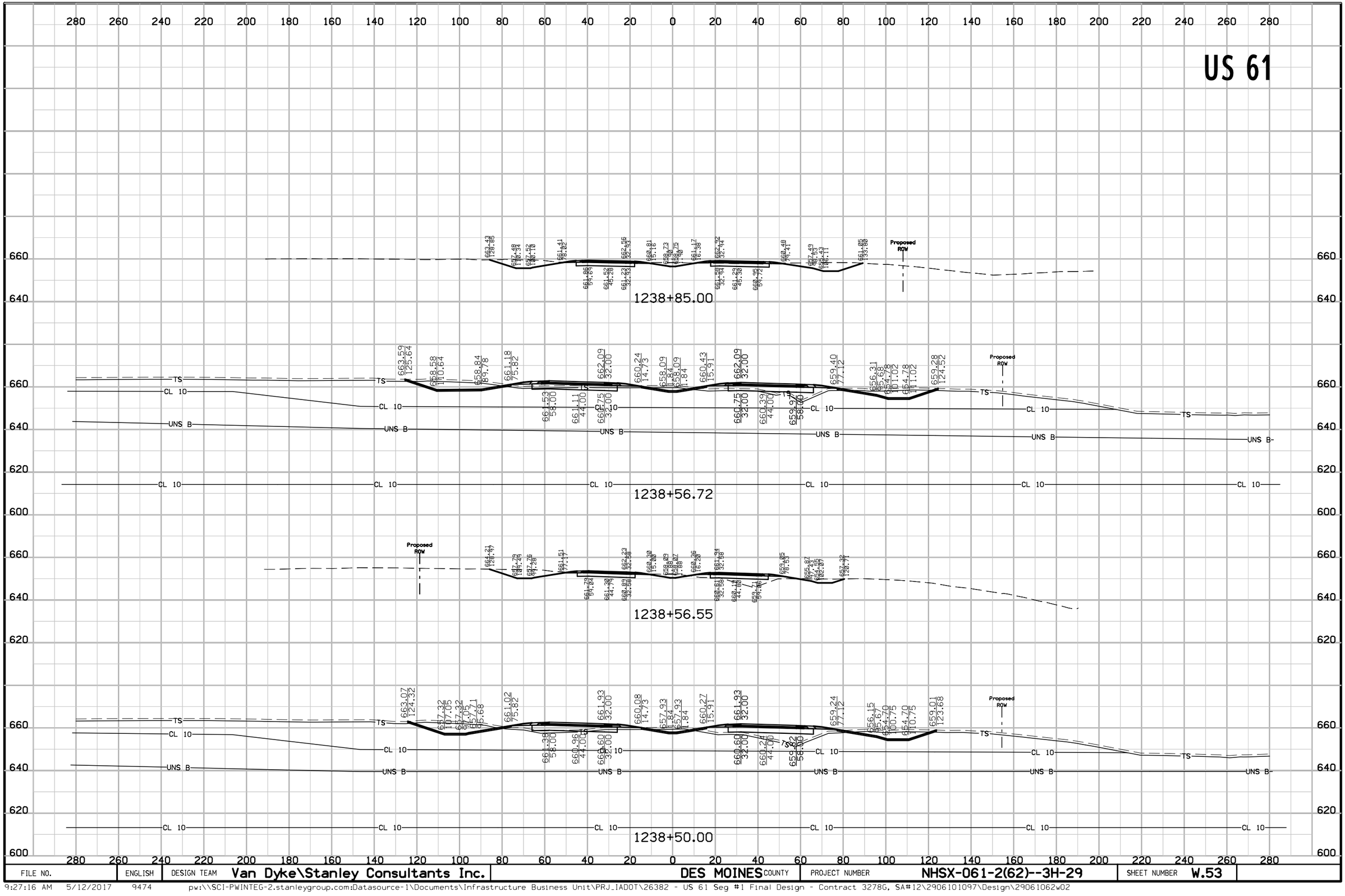
9:27:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



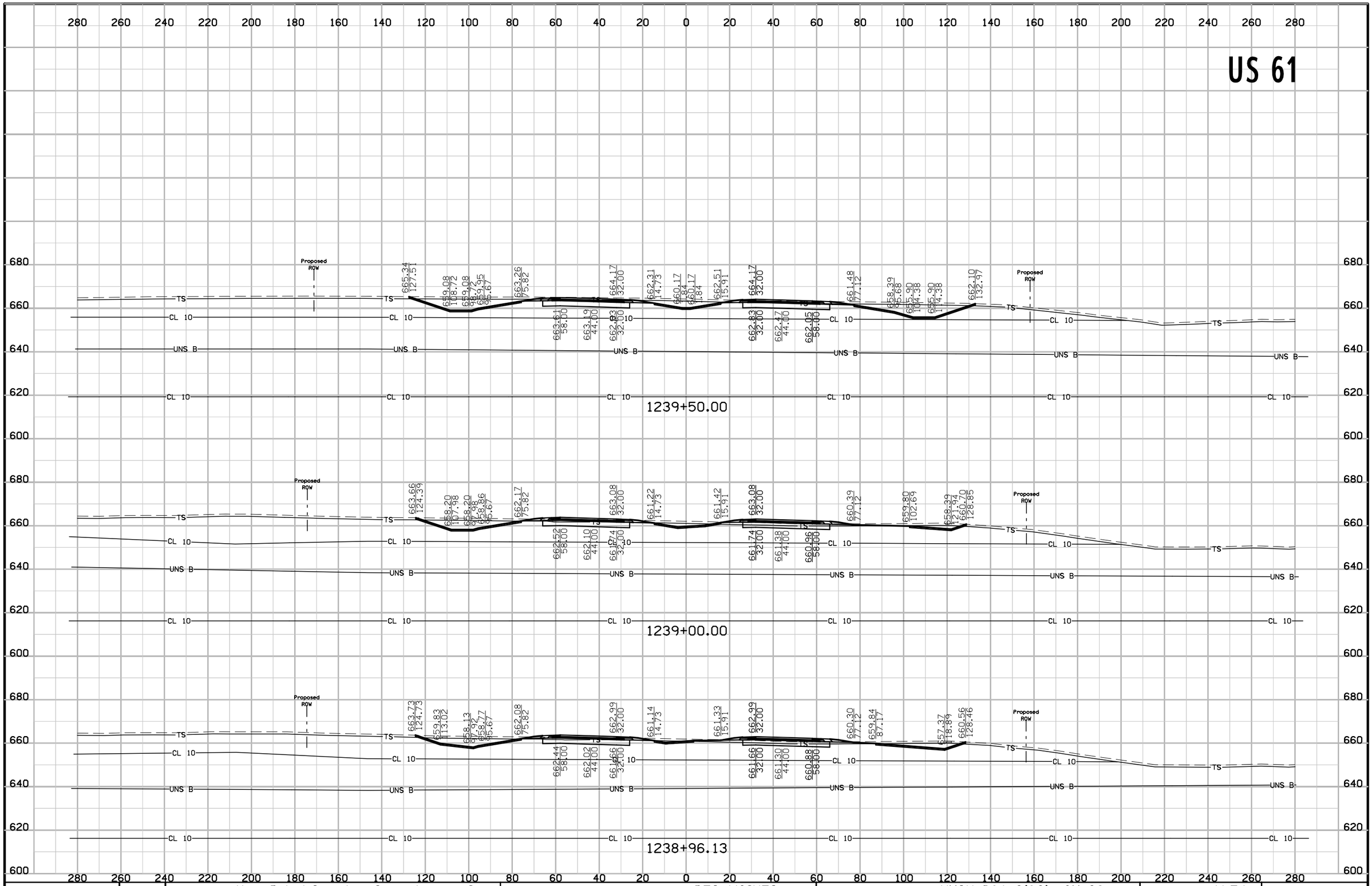
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.52

US 61



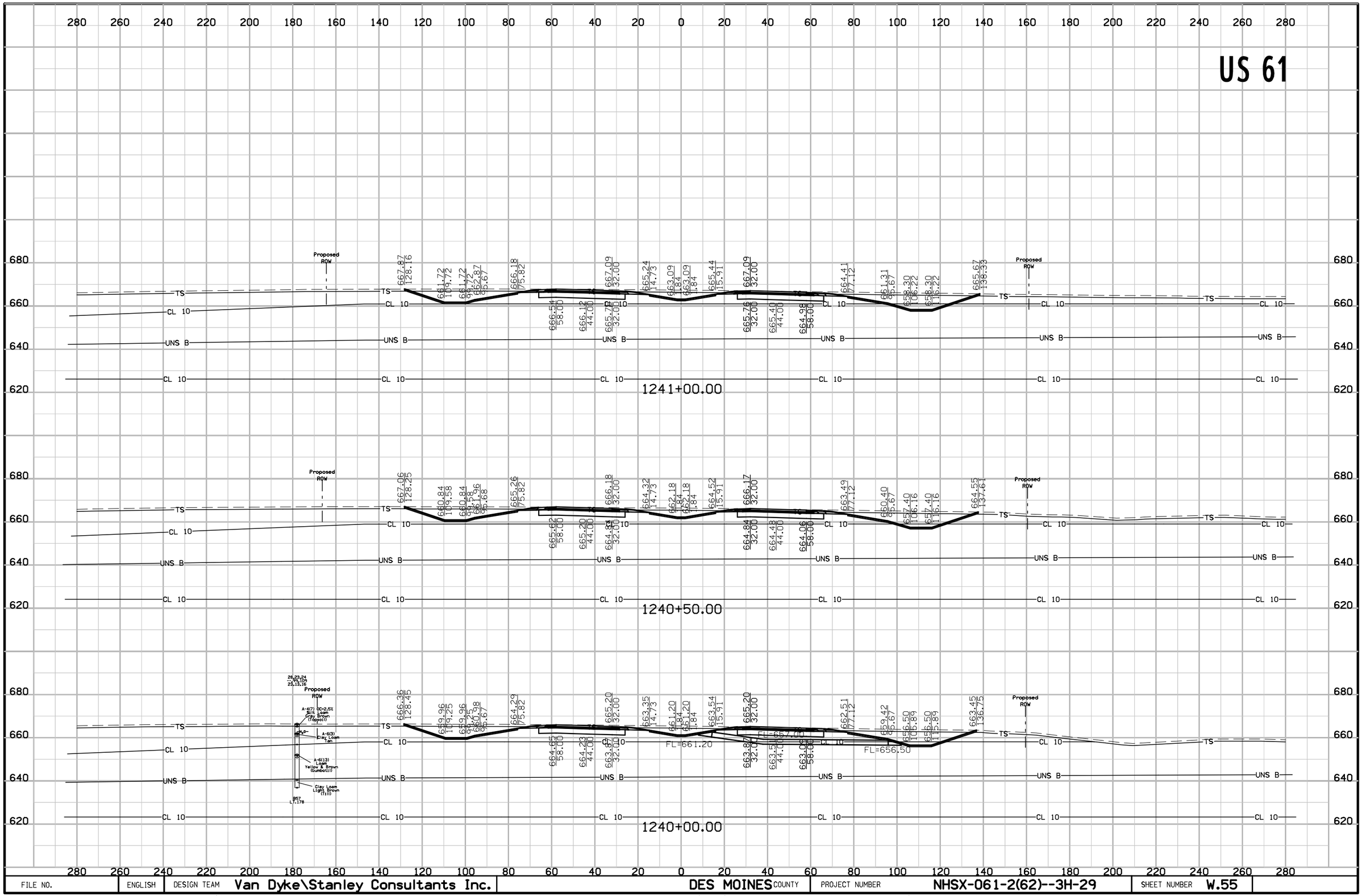
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.53

US 61



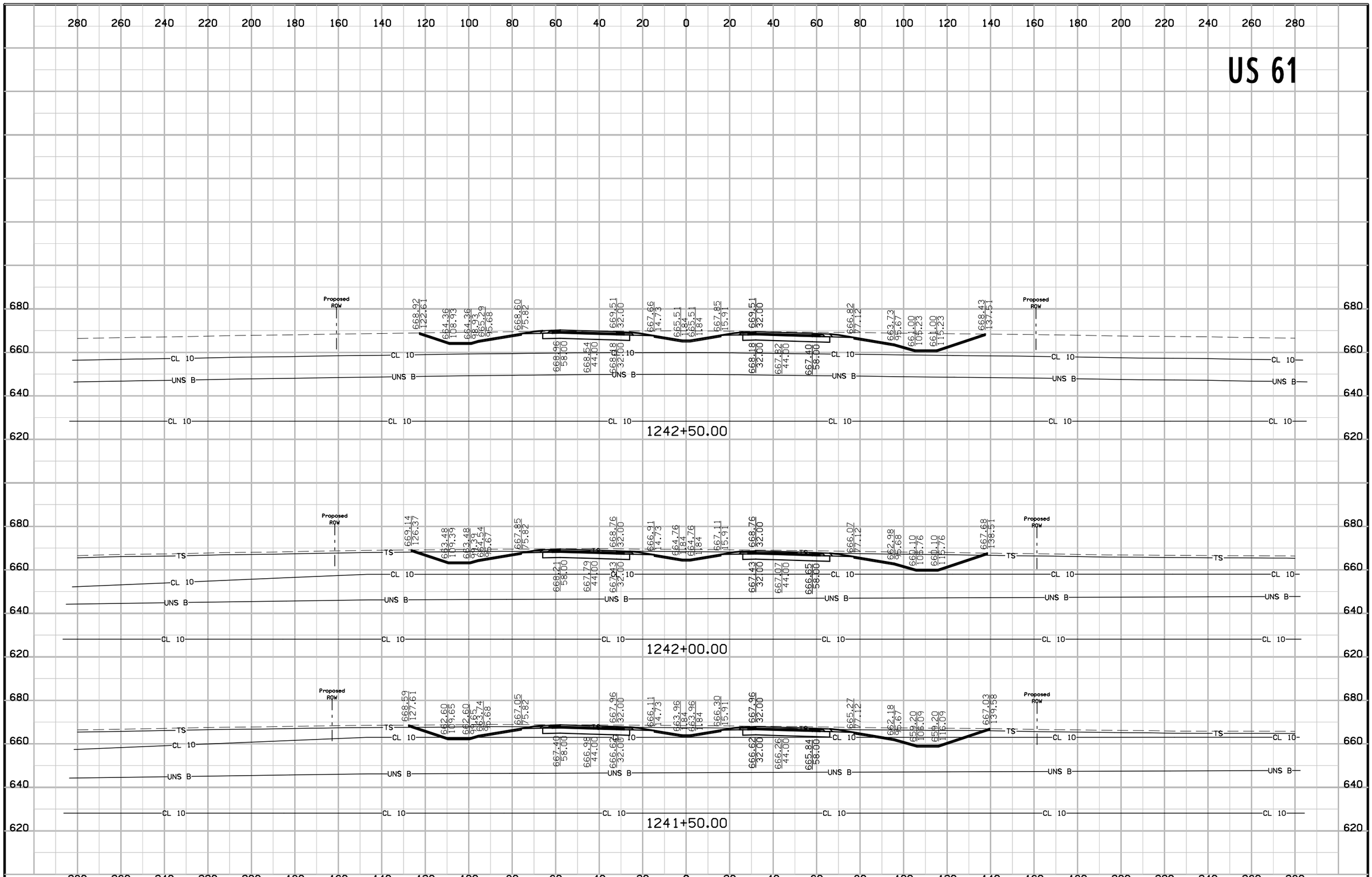
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.54

US 61



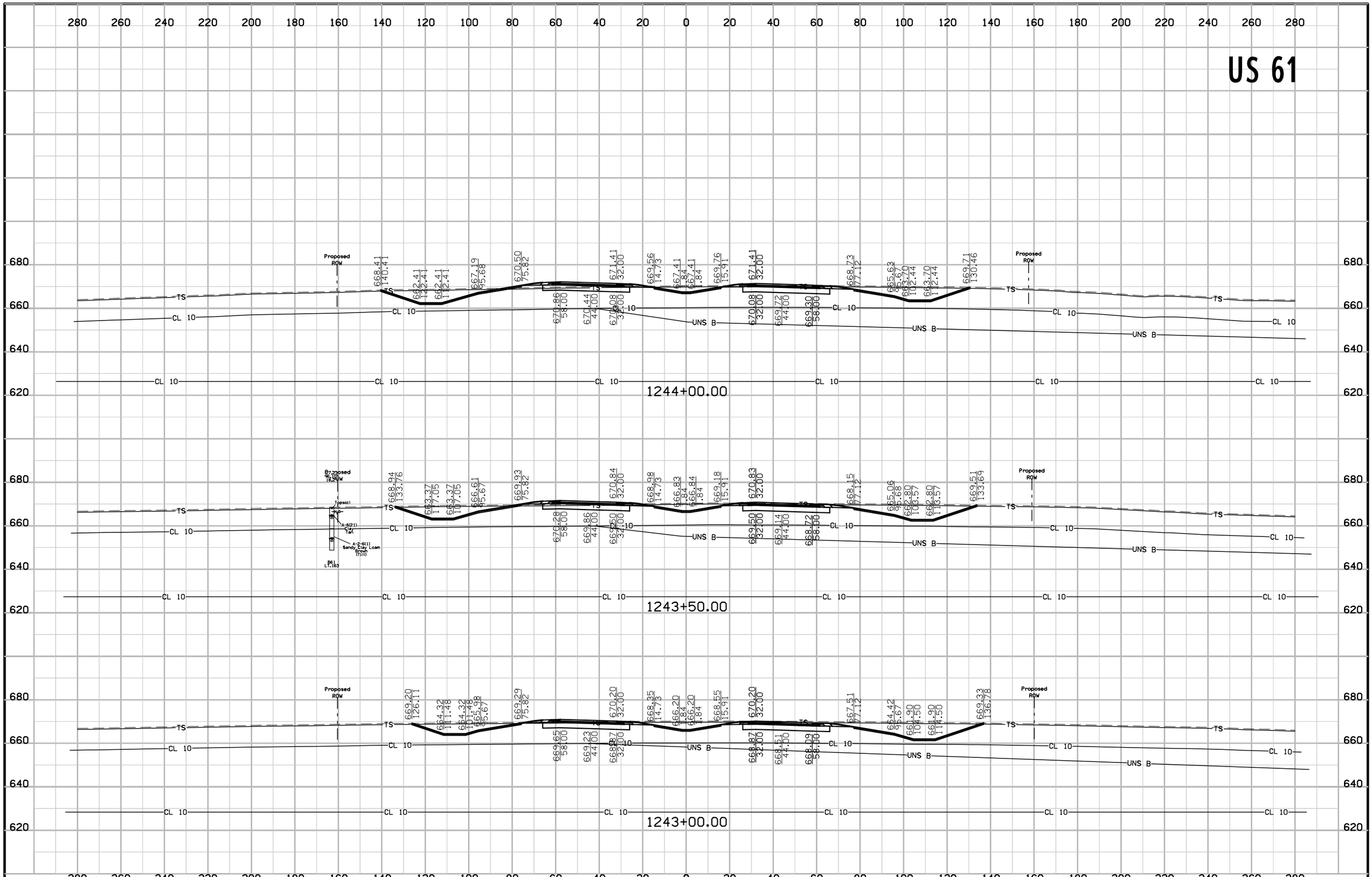
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.55

US 61



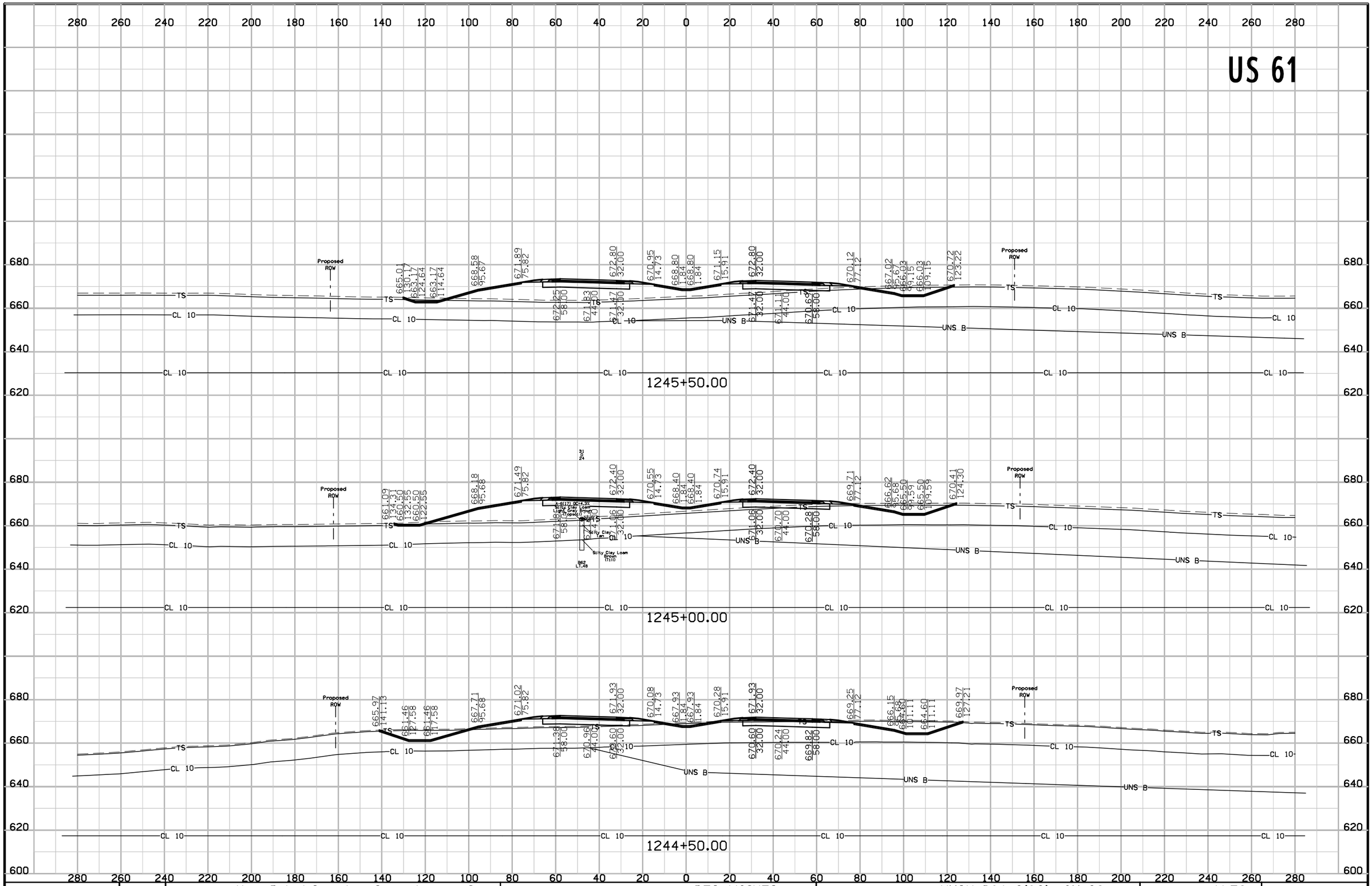
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.56

US 61



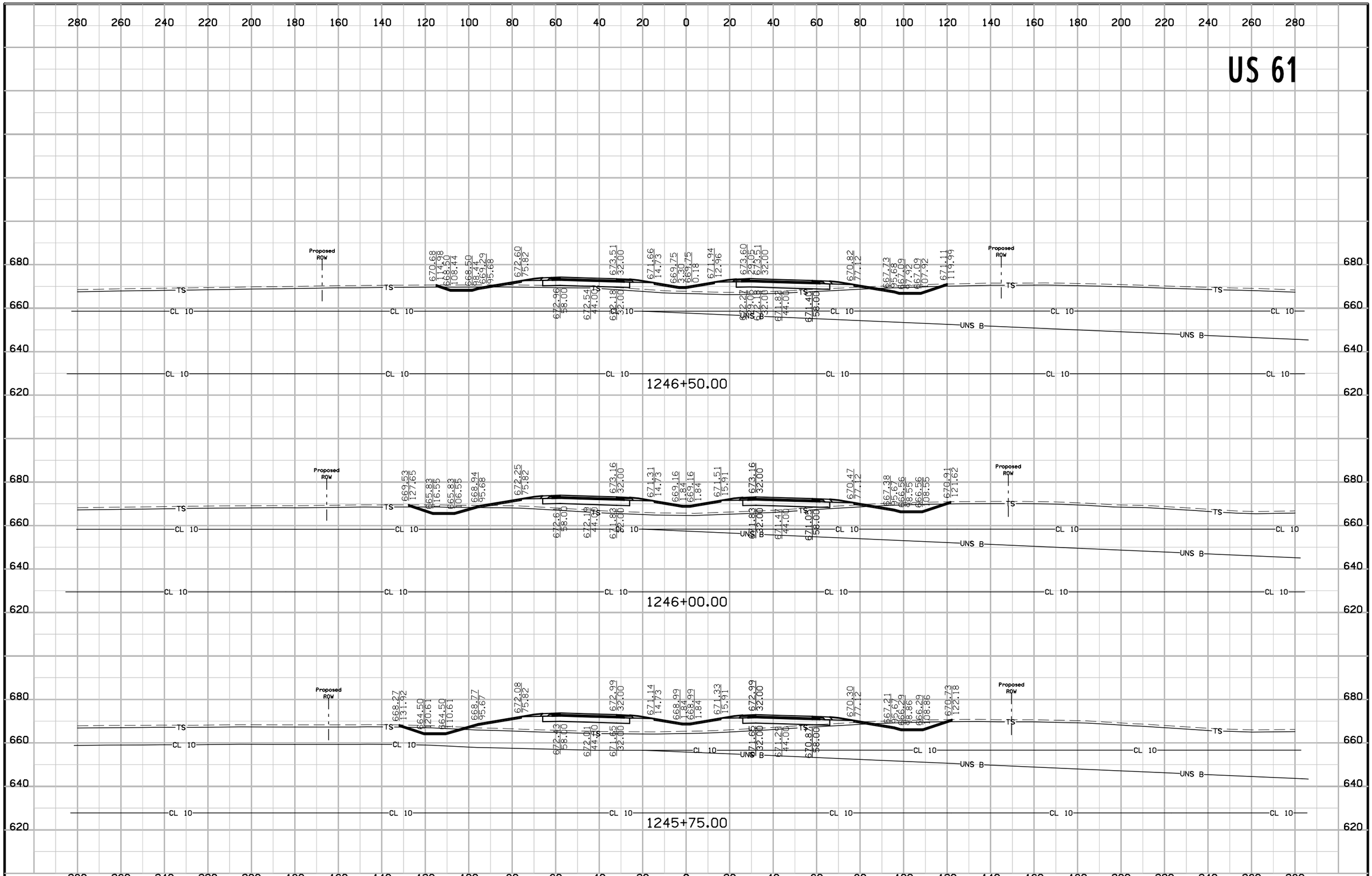
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.57

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.58

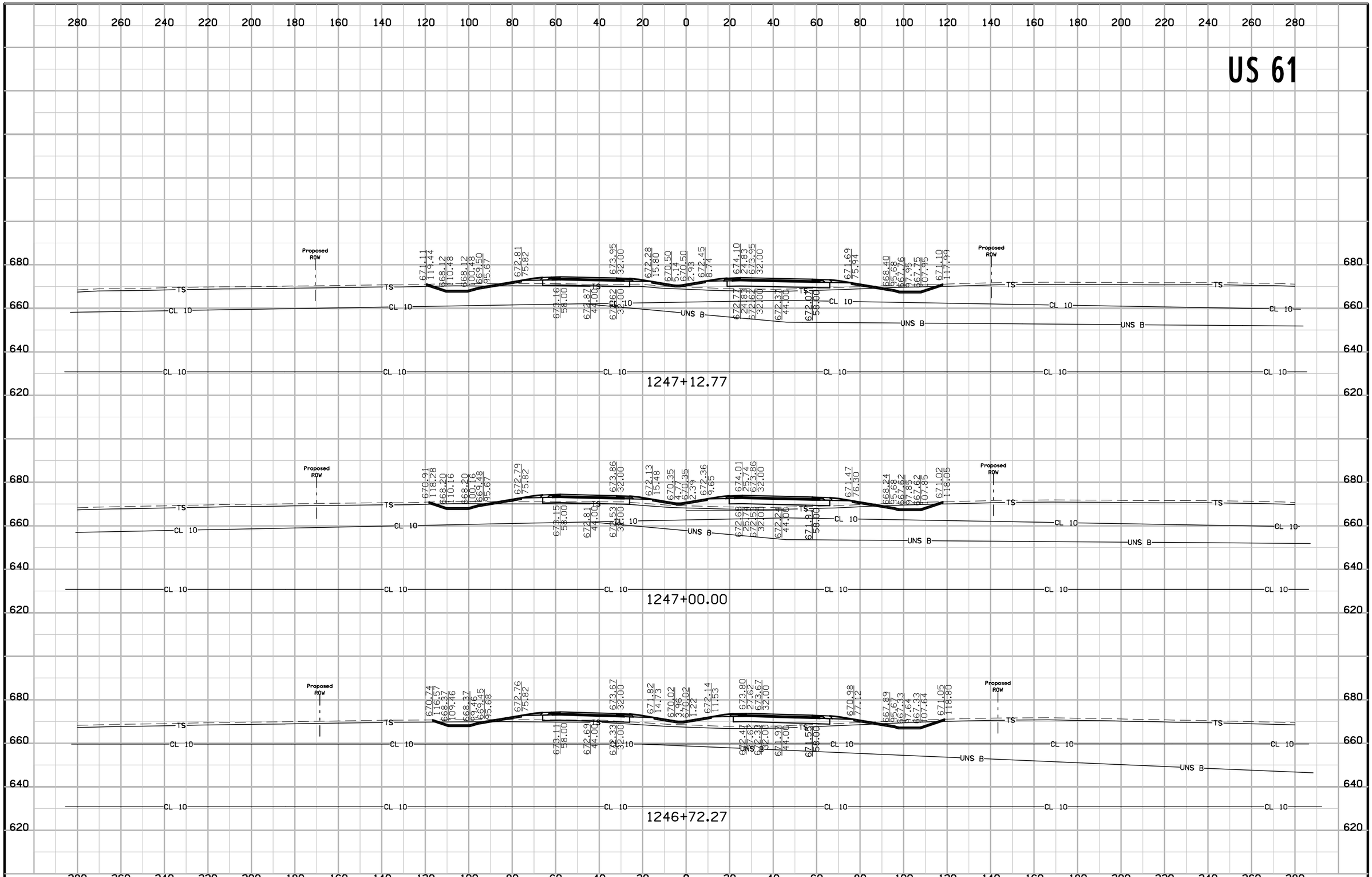
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.59

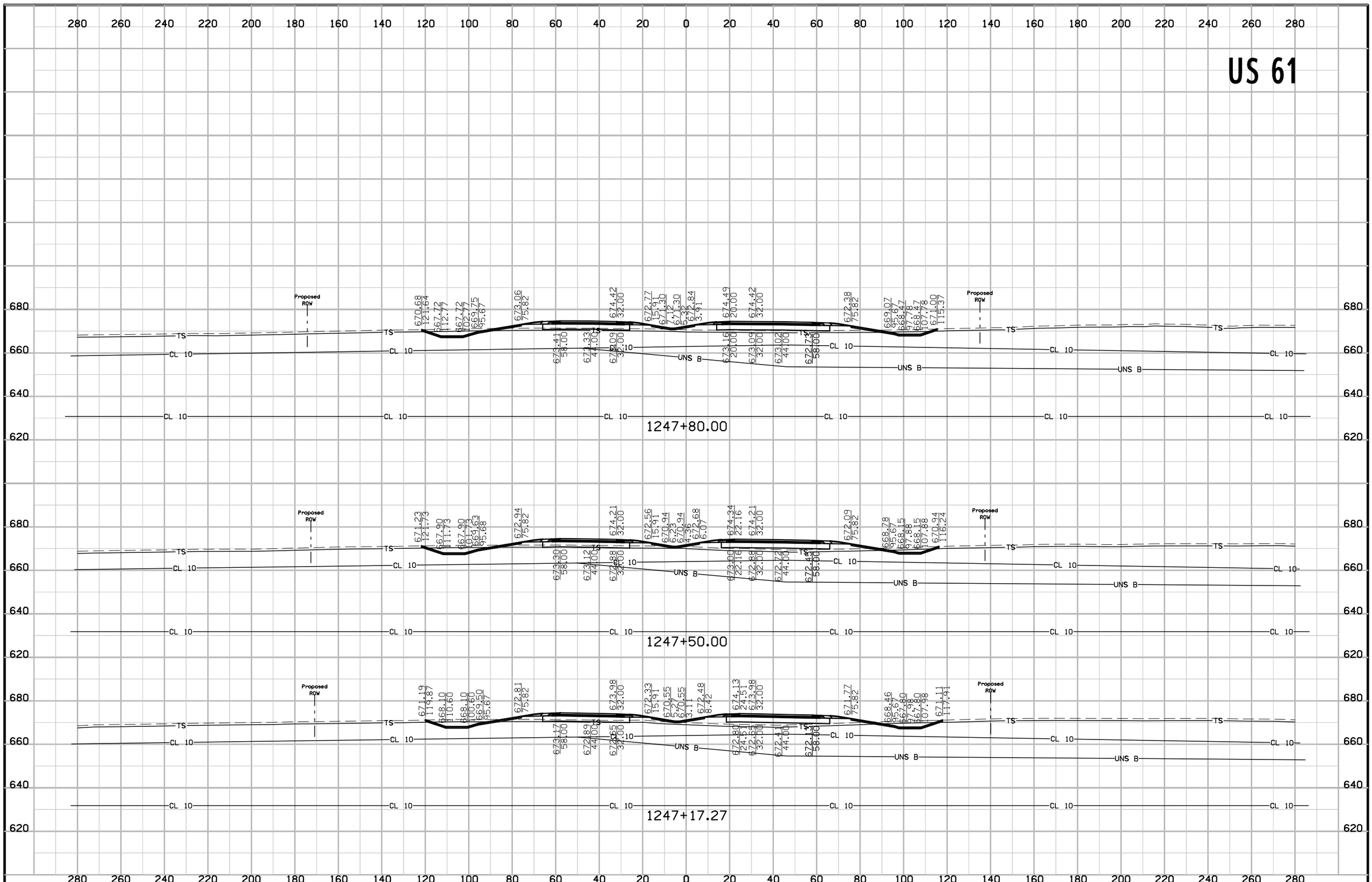
9:27:26 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



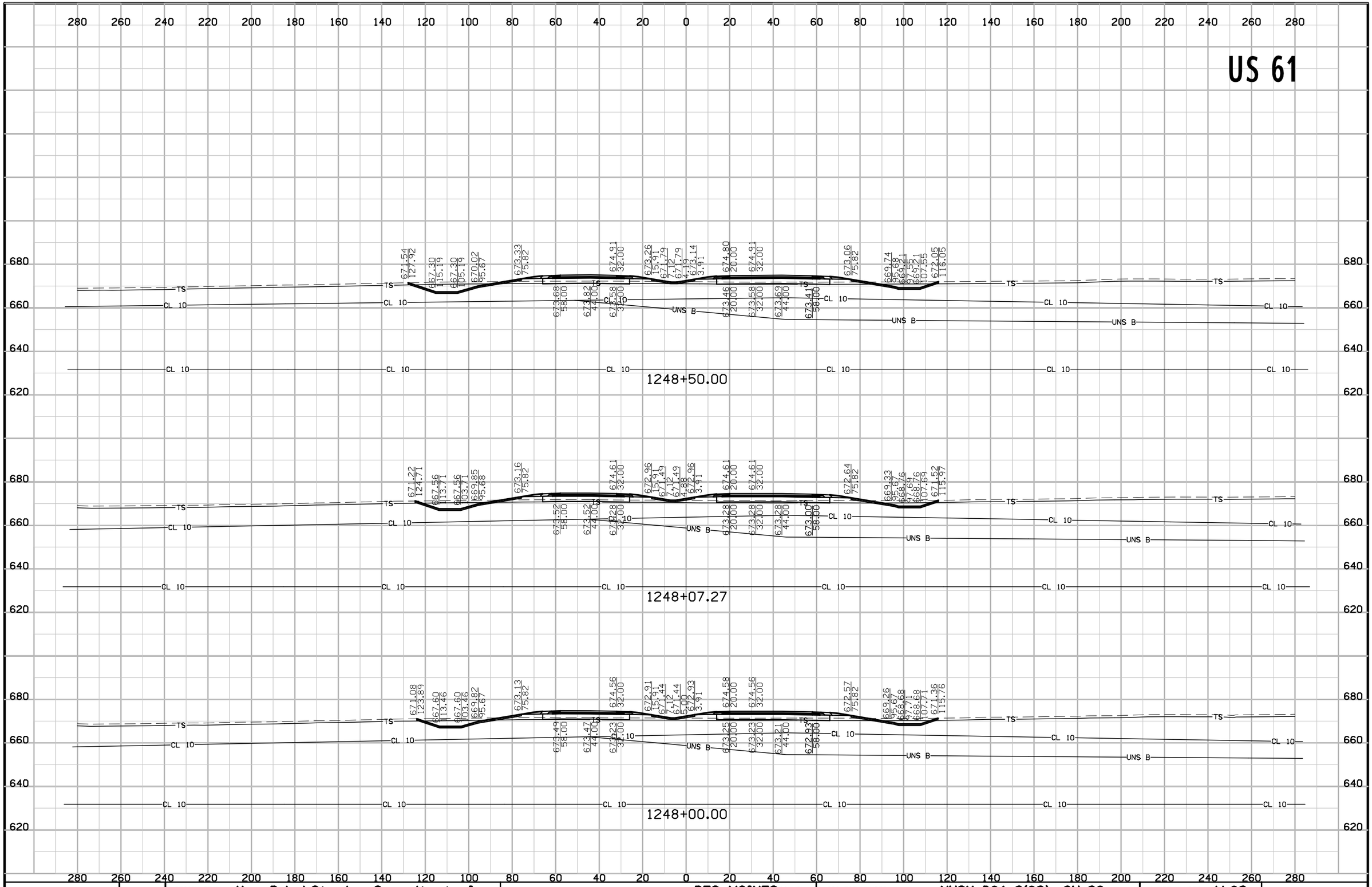
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.60

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.61

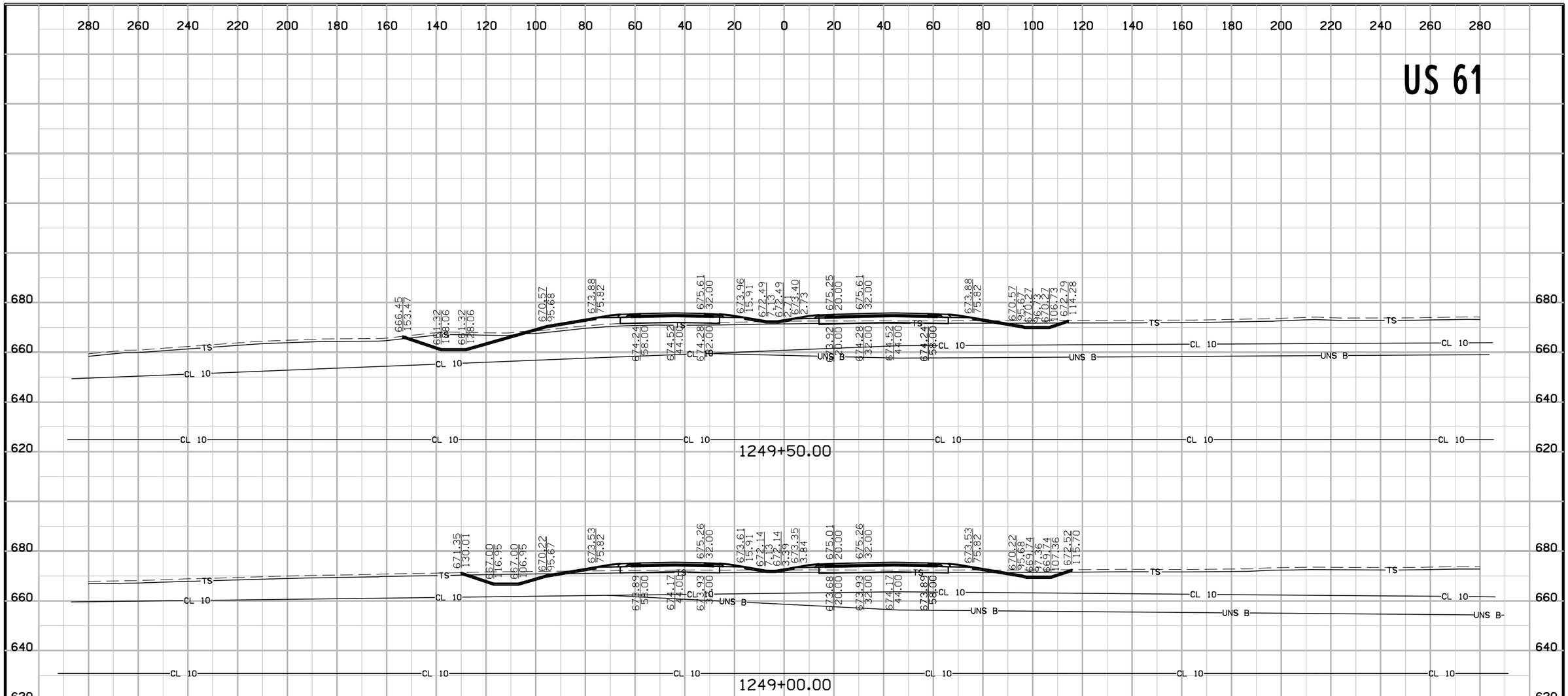
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.62

9:27:31 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

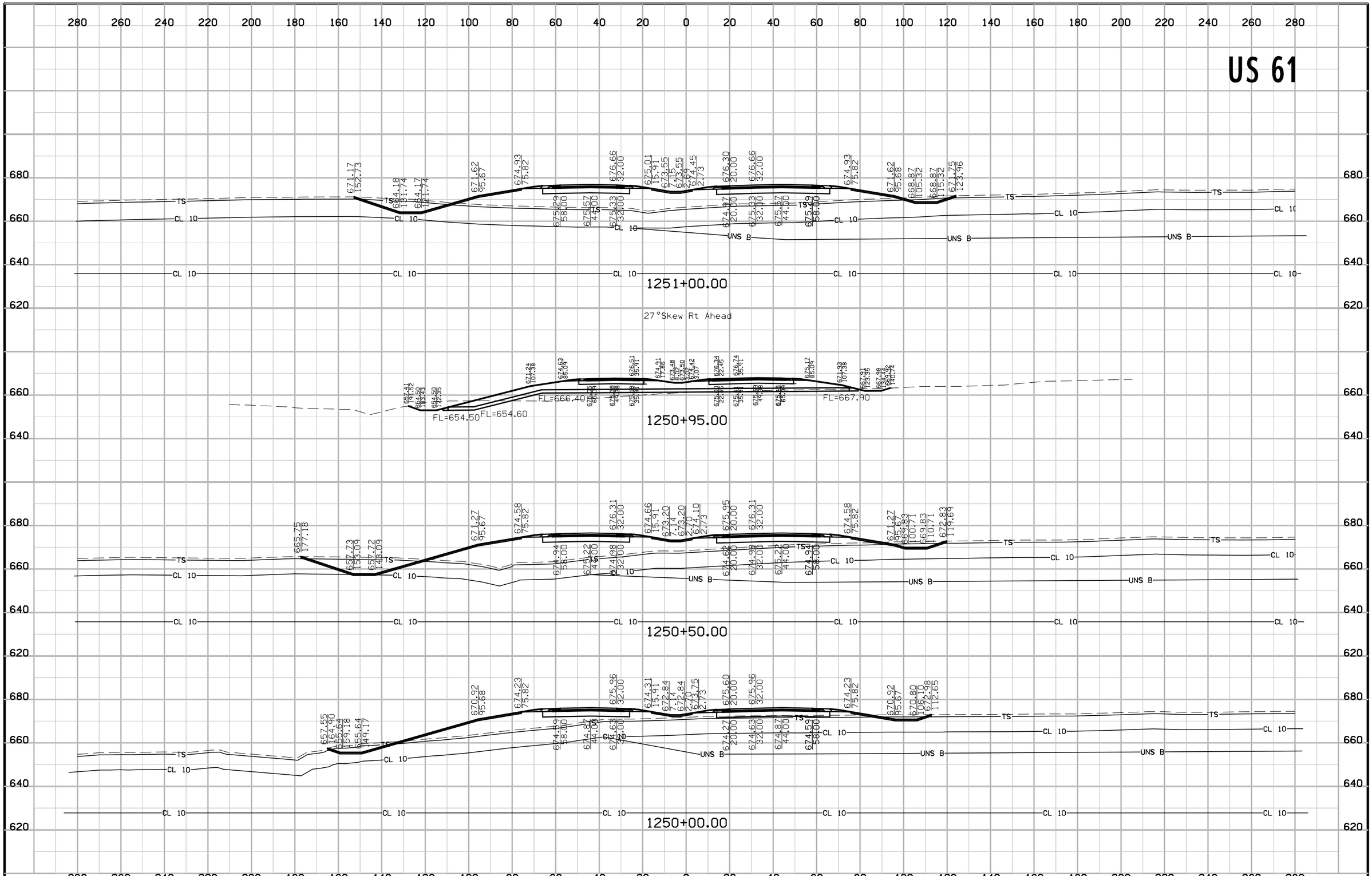
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.63

9:27:32 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

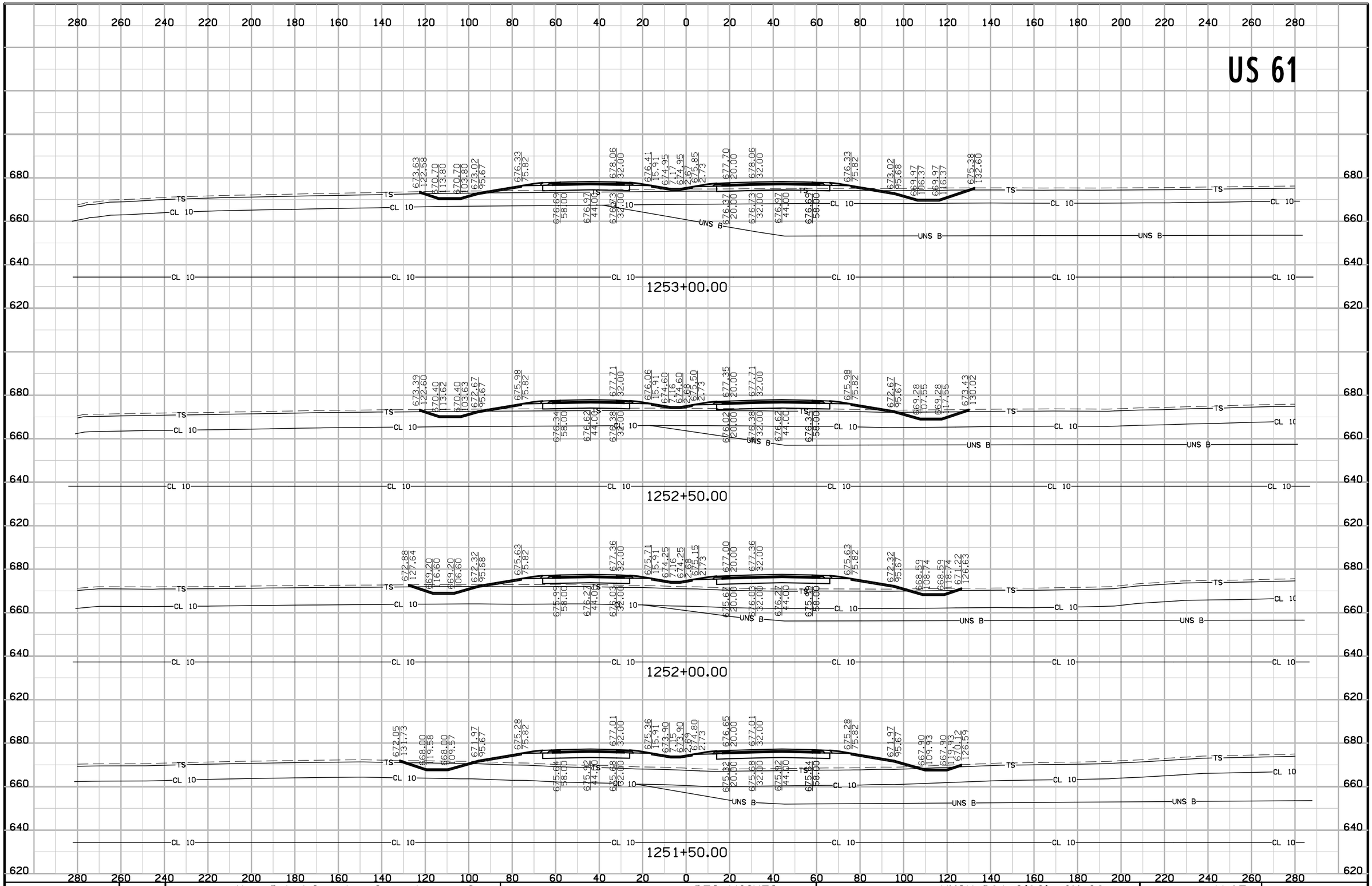
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.64

9:27:34 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

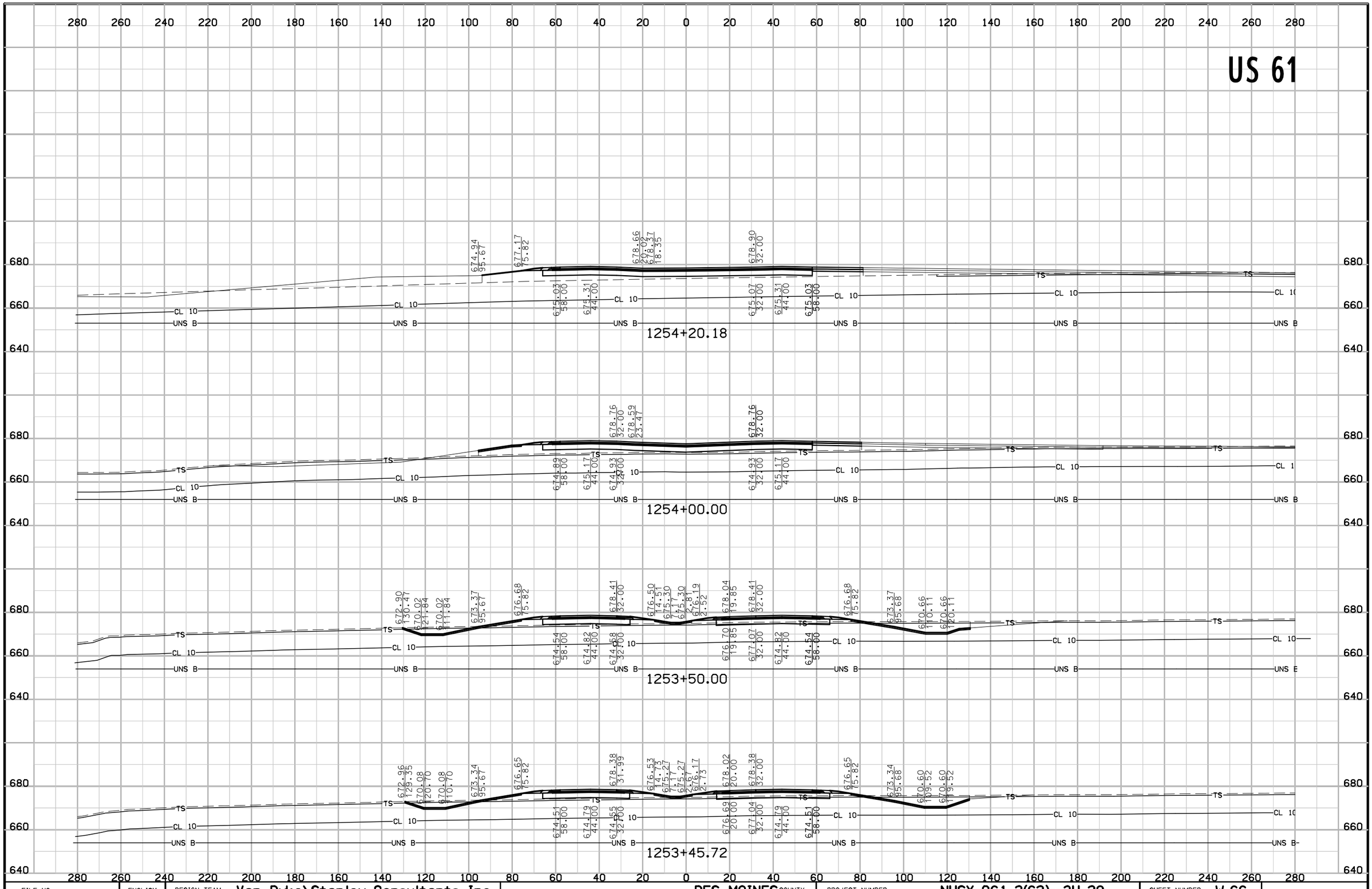
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.65

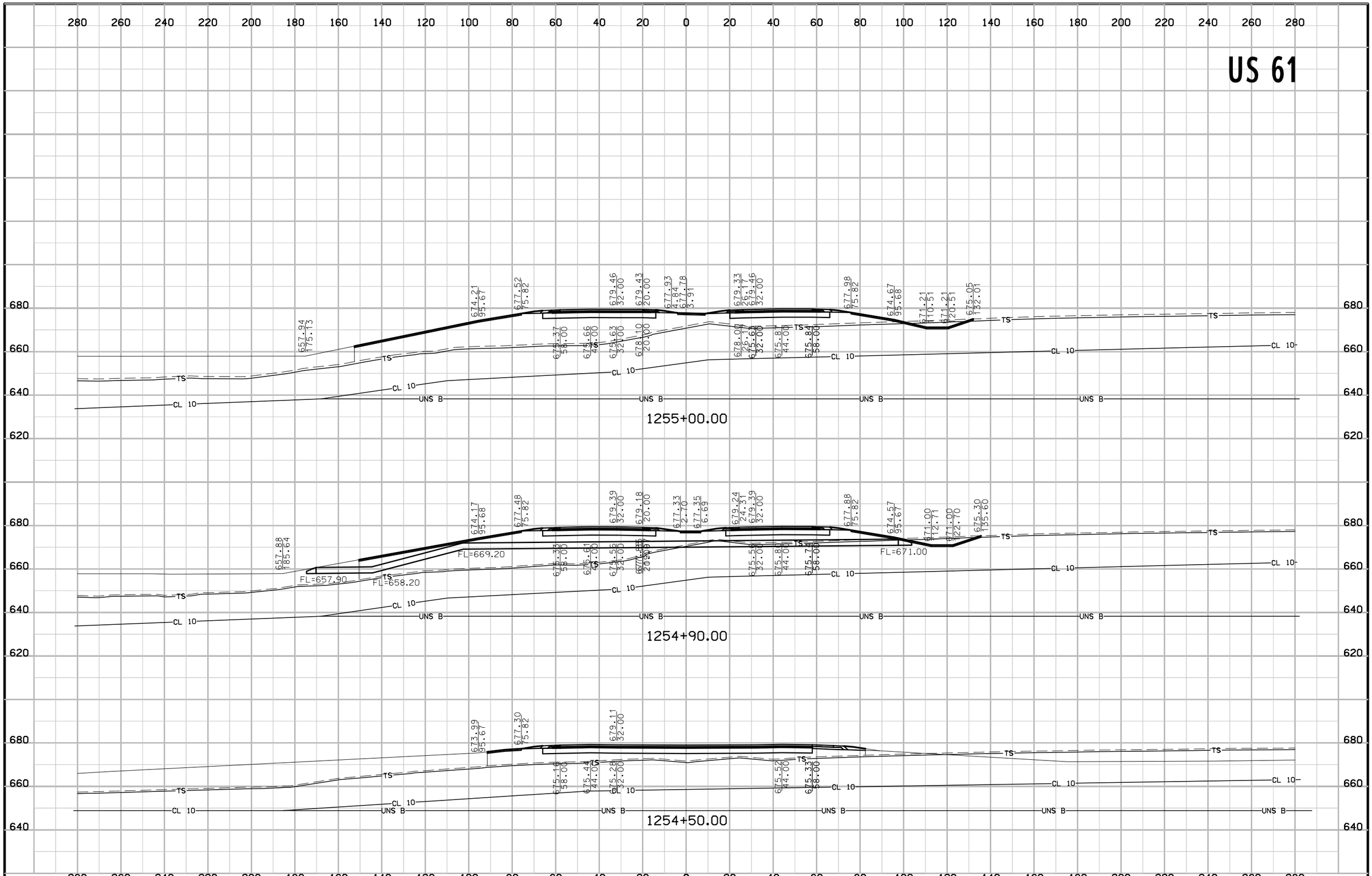
9:27:36 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w02

US 61



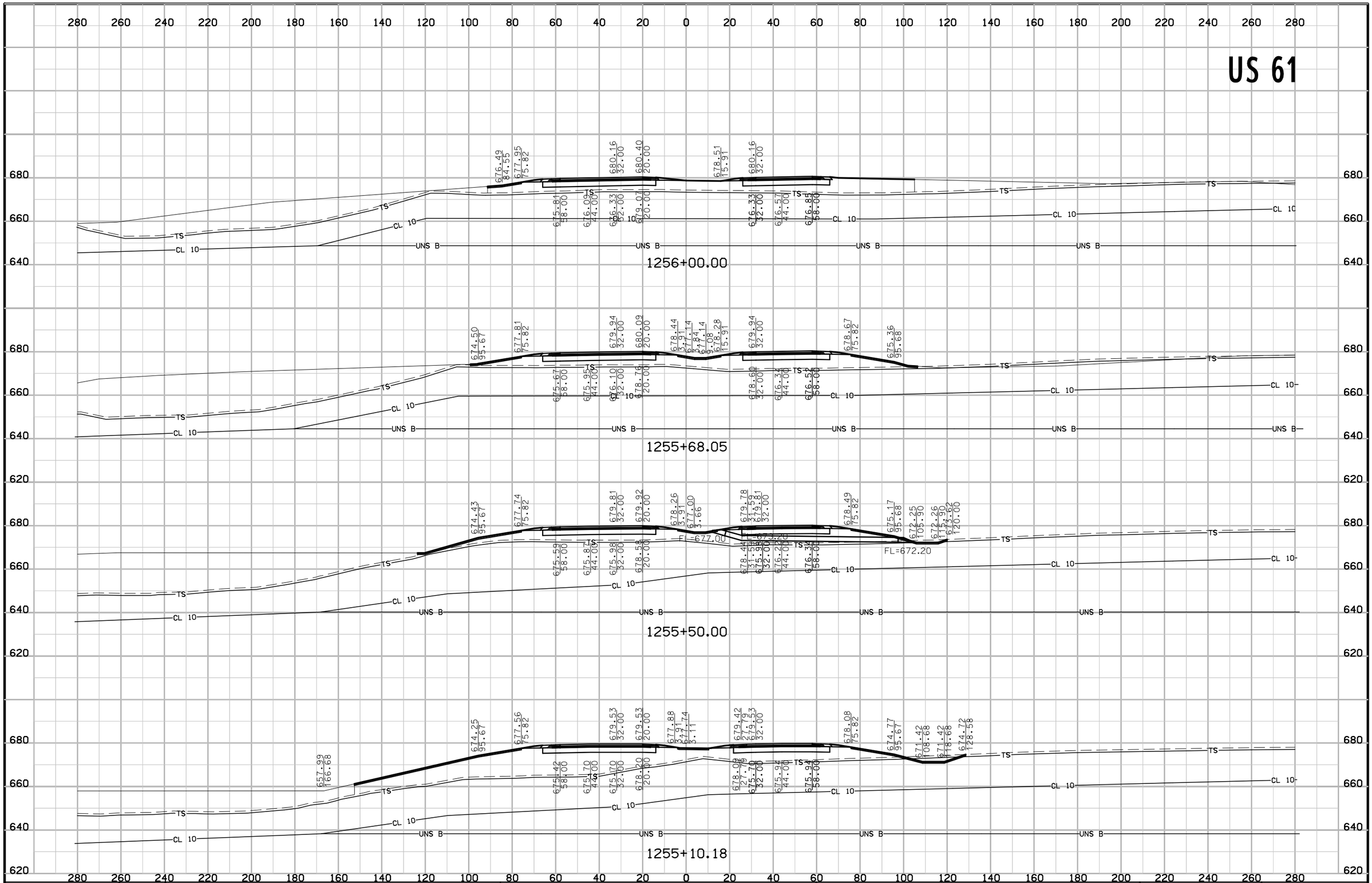
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.66

US 61



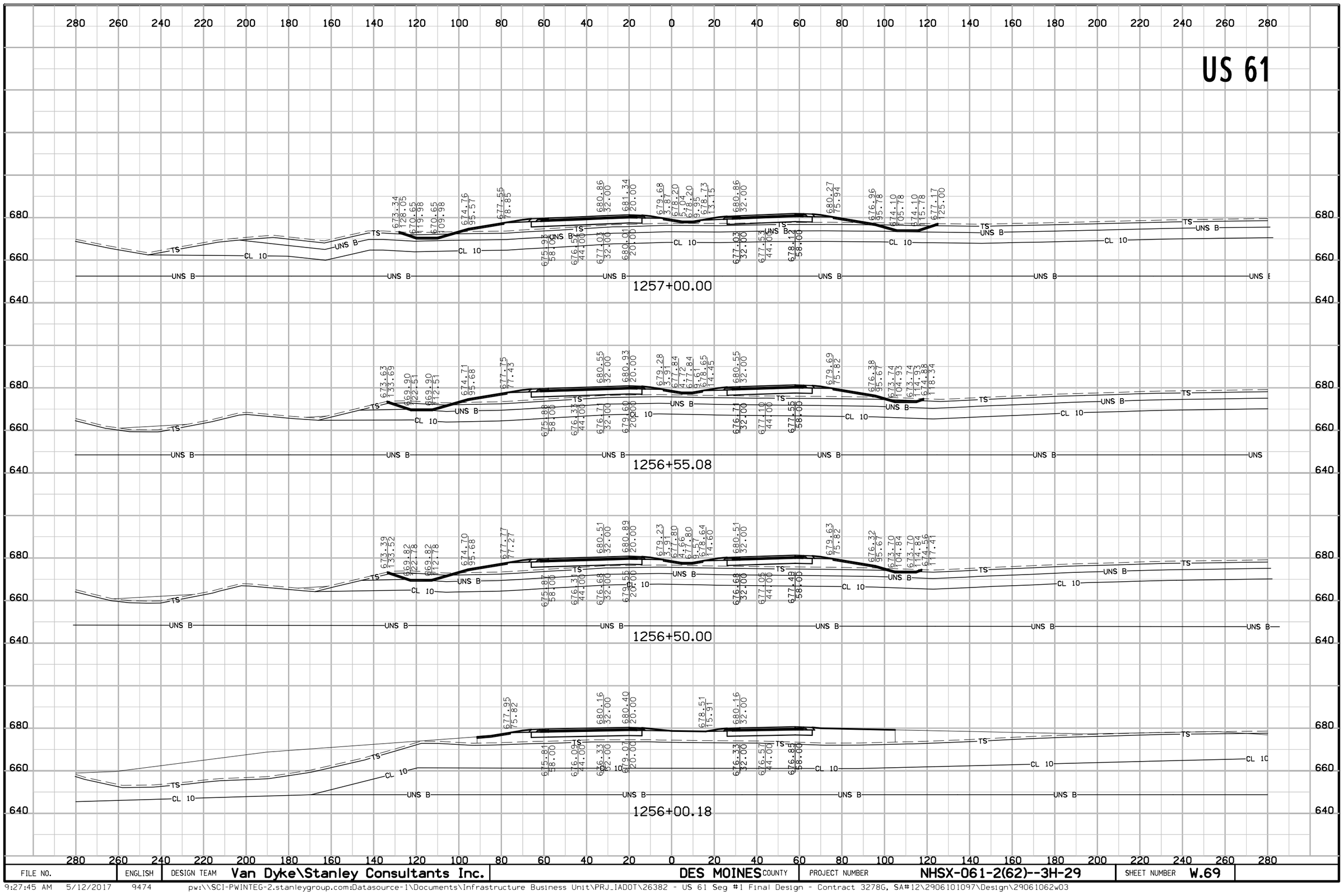
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.67

US 61



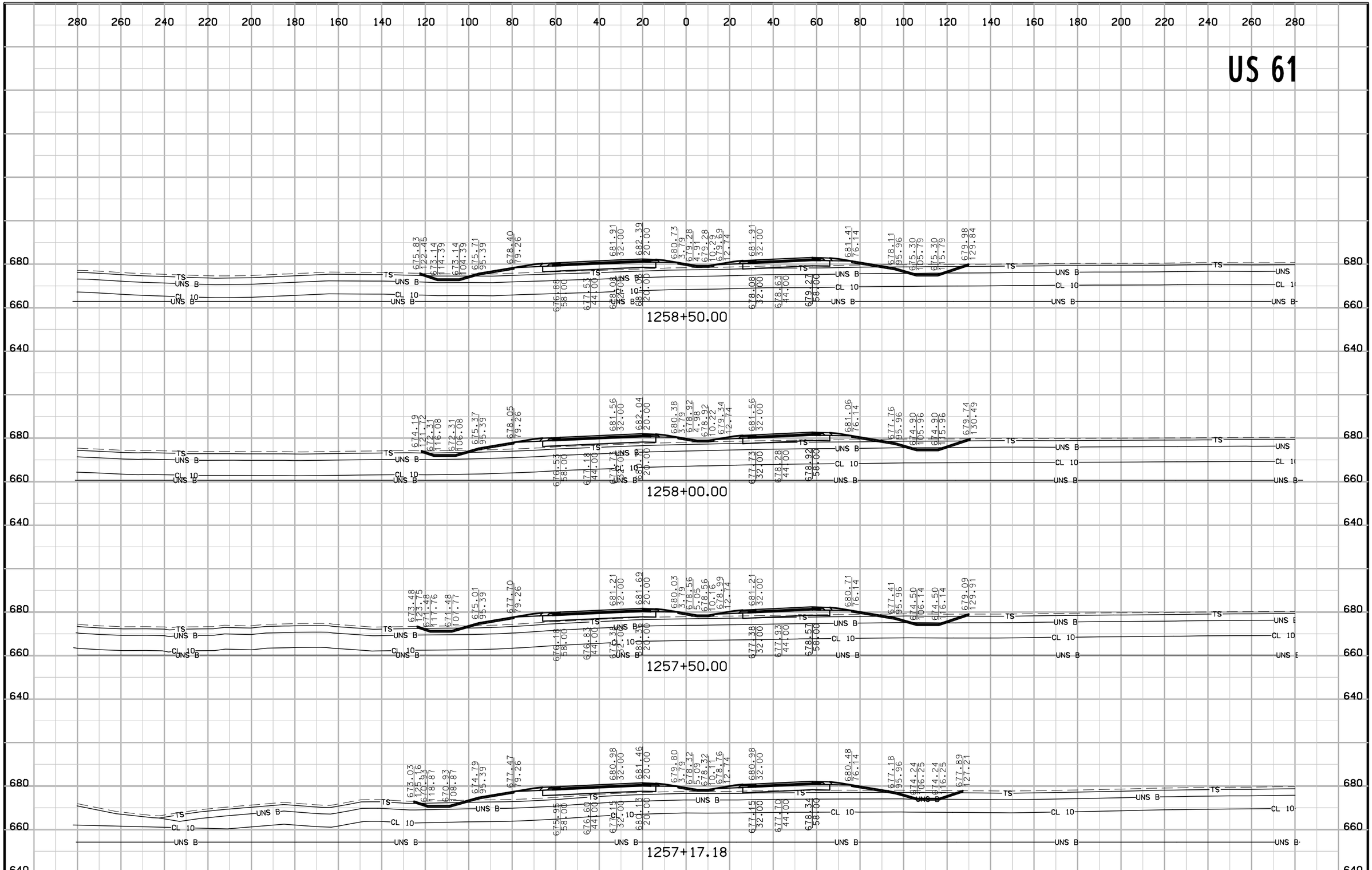
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.68

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.69

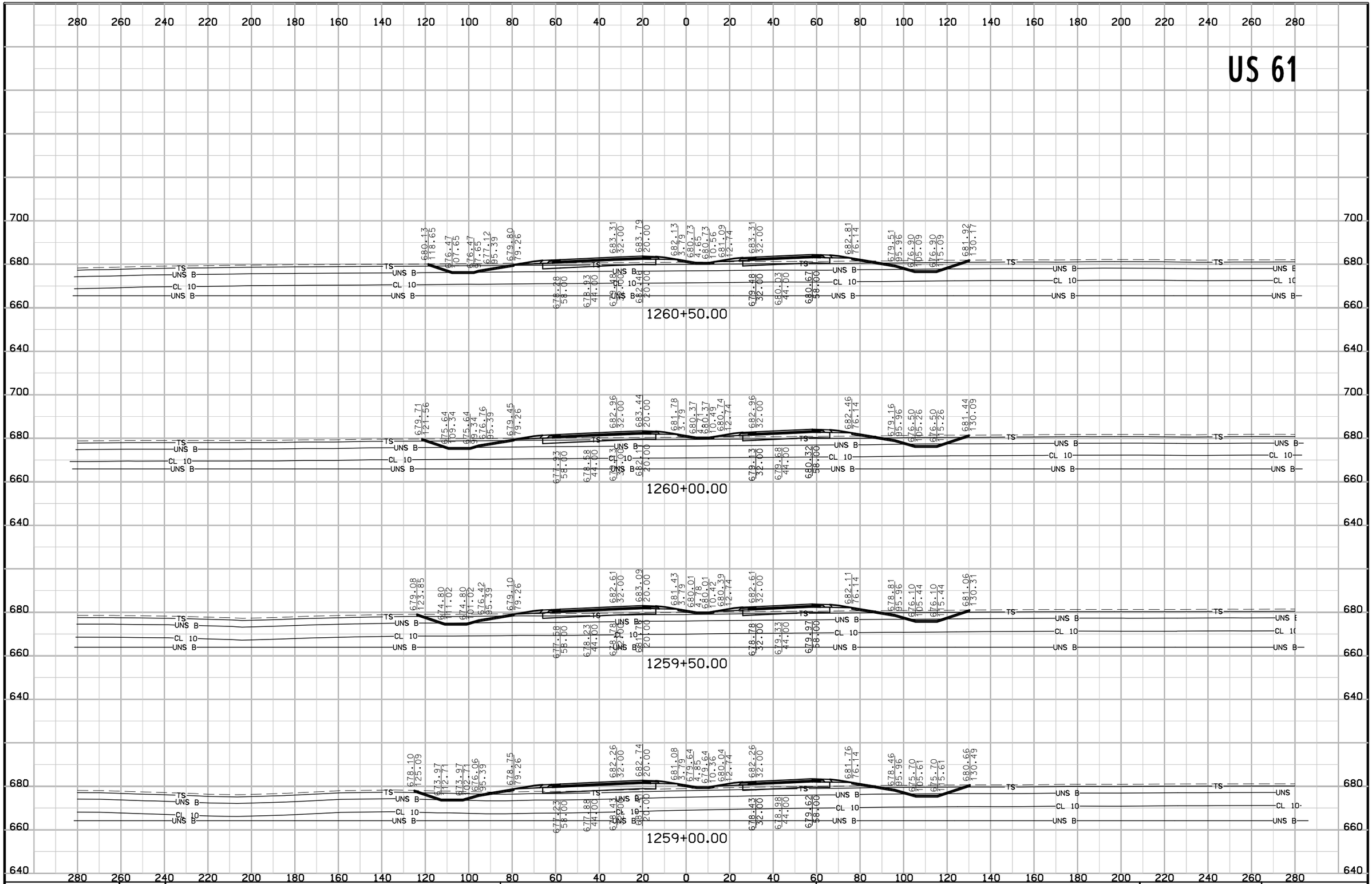
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.70

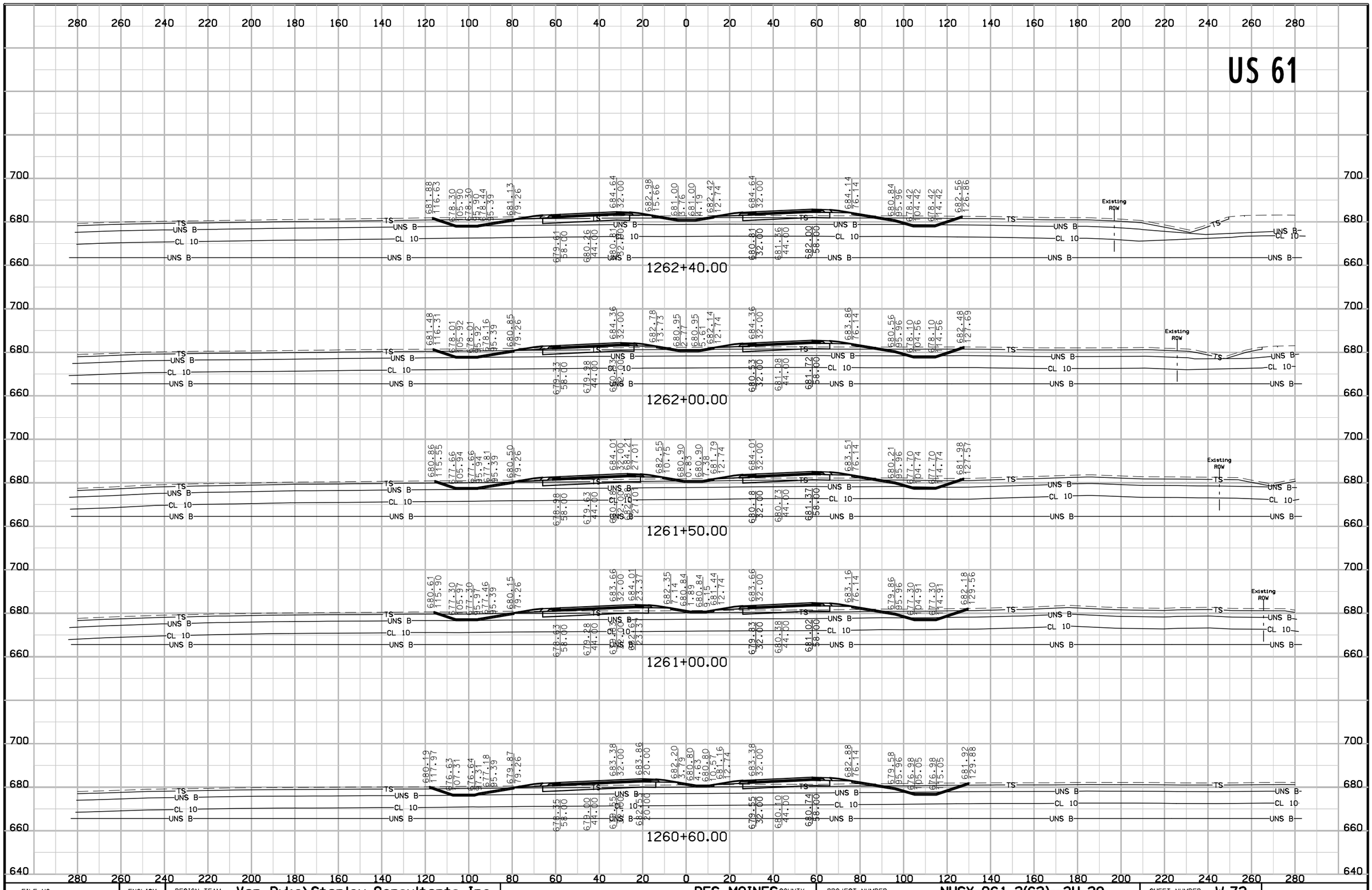
9:27:47 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



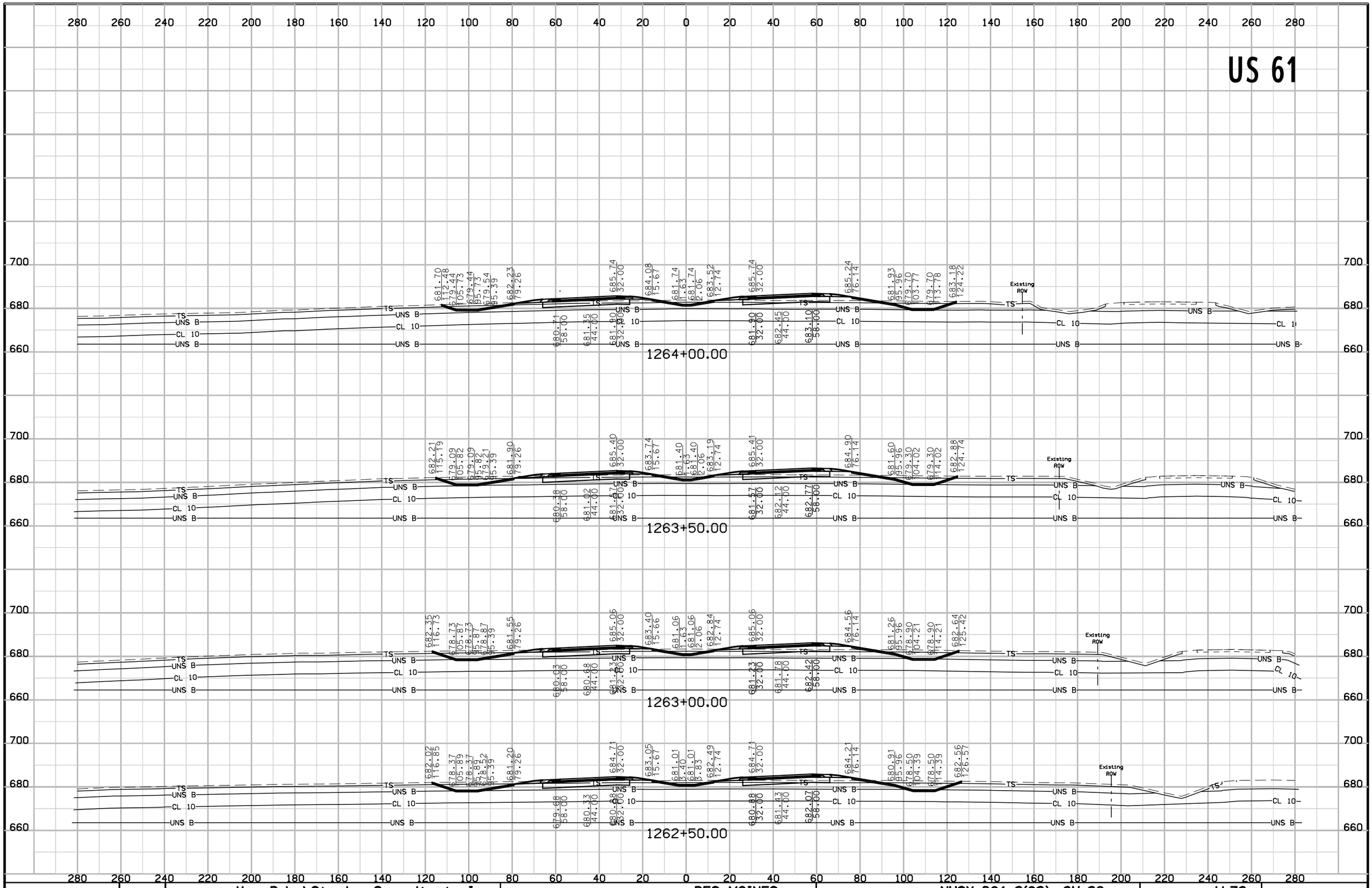
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.71

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.72

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.73

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

700 680 660

Sta. 1265+78.00
Prop. Type "C" Ent.

683.70 231.73 | 680.08 213.27 | 680.06 207.46 | 683.04 197.37 | -0.2% | 683.44 84.71 | 686.87 33.56 | 685.01 5.91 | -1.6% | 683.16 94.83 | 678.77 142.23

684.38 60.85 | 685.00 46.15 | 685.53 33.56

1265+77.80

683.61 119.94 | 679.69 108.19 | 679.69 98.19 | 680.50 95.39 | 683.18 79.26 | 686.69 32.00 | 685.03 15.66 | 682.77 2.46 | 684.01 34.58

681.66 58.00 | 682.31 44.00 | 682.80 32.00

TS UNS B CL 10 UNS B — Existing ROW — Existing ROW

1265+56.83

683.60 119.72 | 679.70 108.03 | 679.70 98.03 | 680.46 95.39 | 683.15 79.26 | 686.65 32.00 | 684.99 15.67 | 682.65 2.46 | 683.26 83.82

681.62 58.00 | 682.27 44.00 | 682.80 32.00

TS UNS B CL 10 UNS B — Existing ROW — Existing ROW

1265+50.00

683.10 116.89 | 679.75 106.83 | 679.75 96.83 | 680.16 95.39 | 682.85 79.26 | 686.36 32.00 | 684.70 15.67 | 682.36 2.46 | 683.35 2.09 | 683.50 126.38

681.33 58.00 | 681.97 44.00 | 682.53 32.00

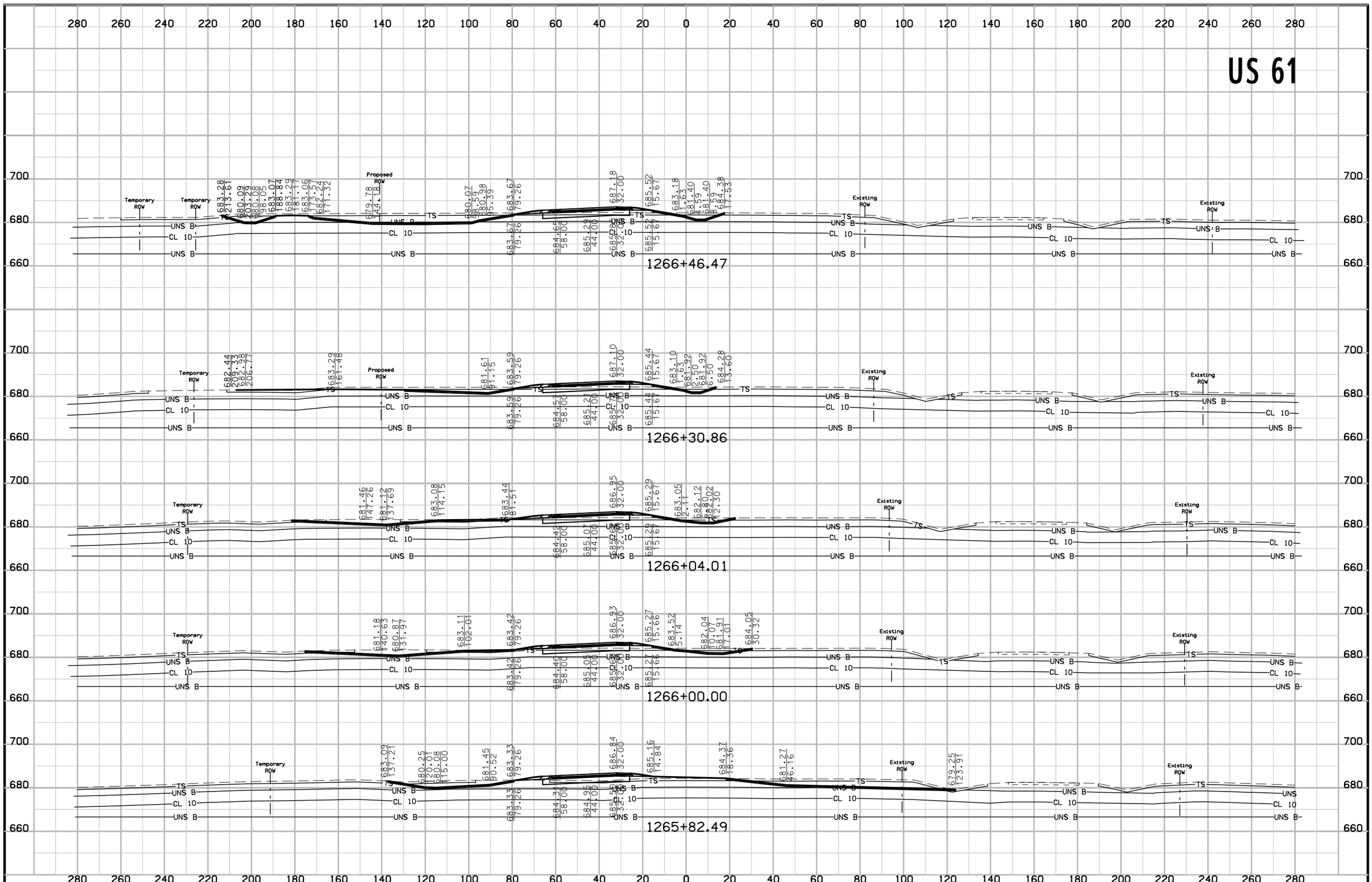
TS UNS B CL 10 UNS B — Existing ROW — Existing ROW

1265+00.00

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.74

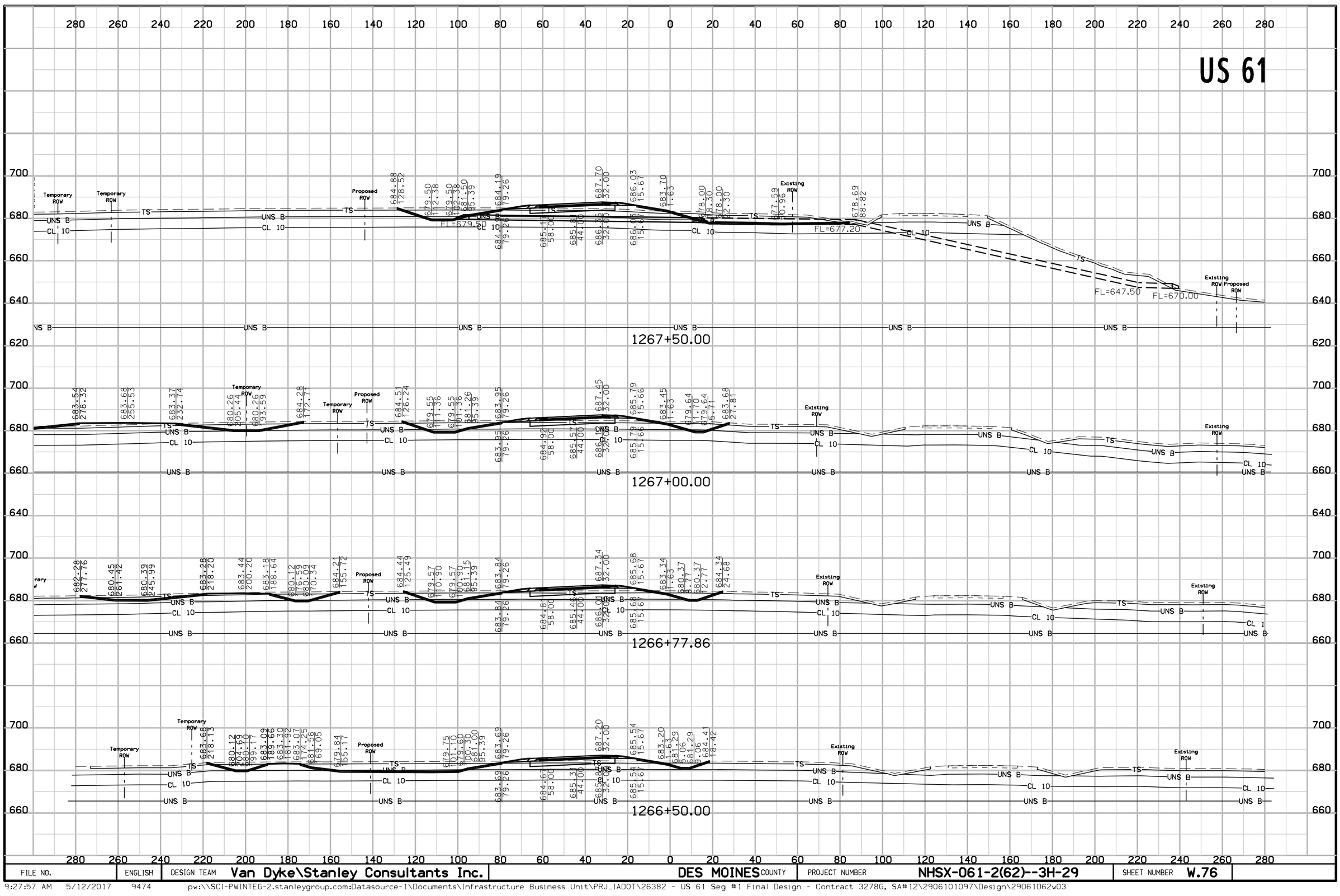
9:27:54 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.75

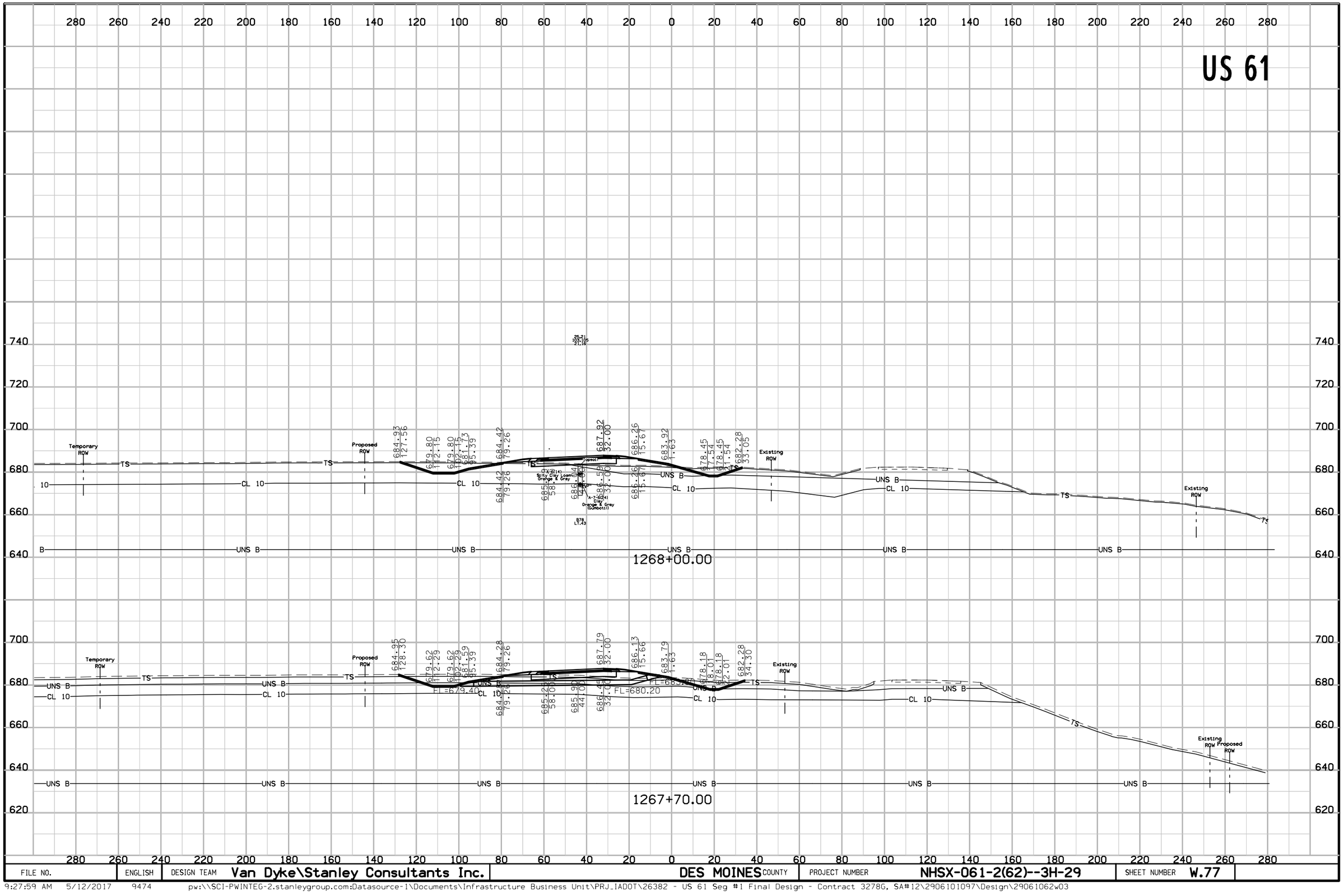
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.76

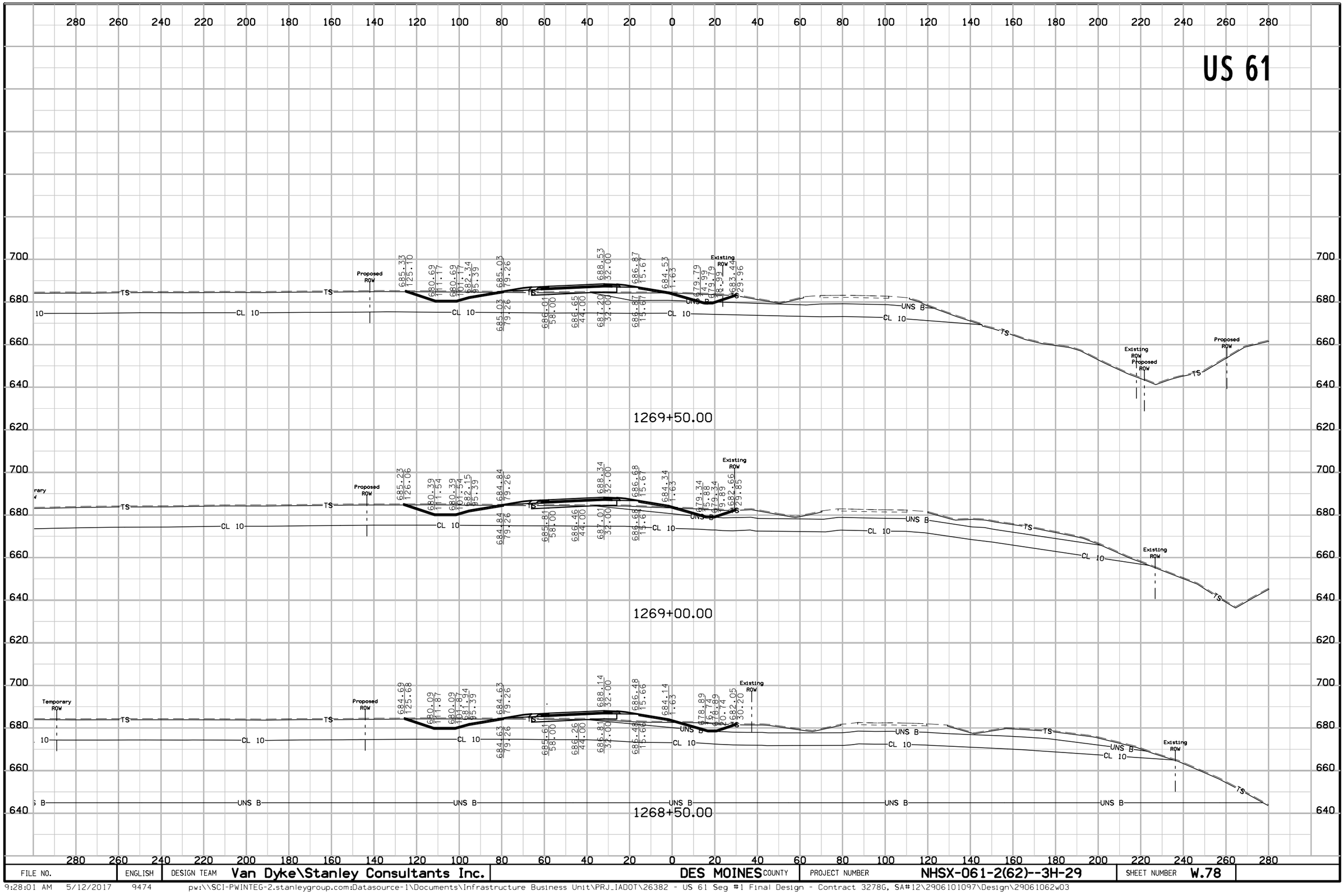
9:27:57 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



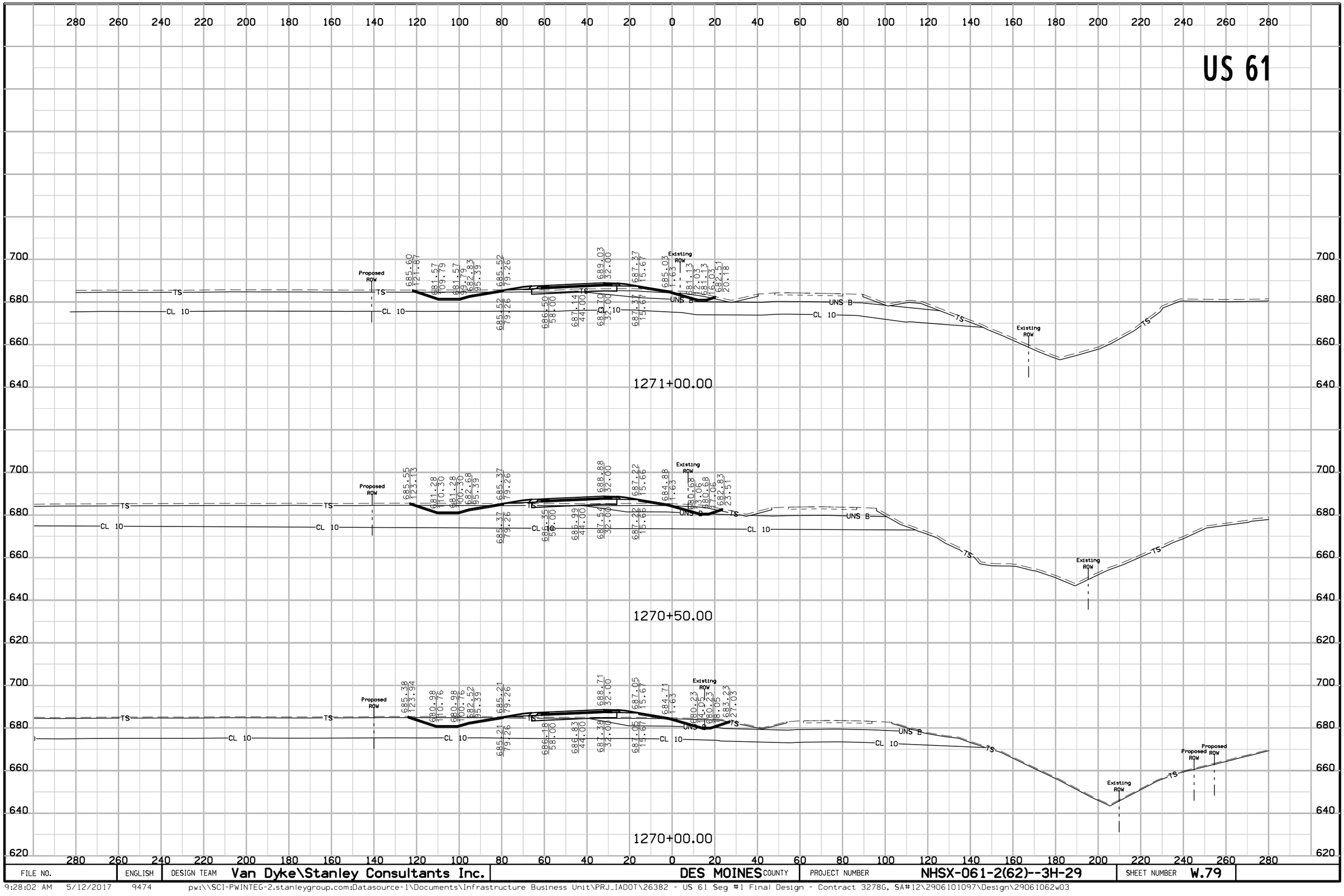
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.77

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.78

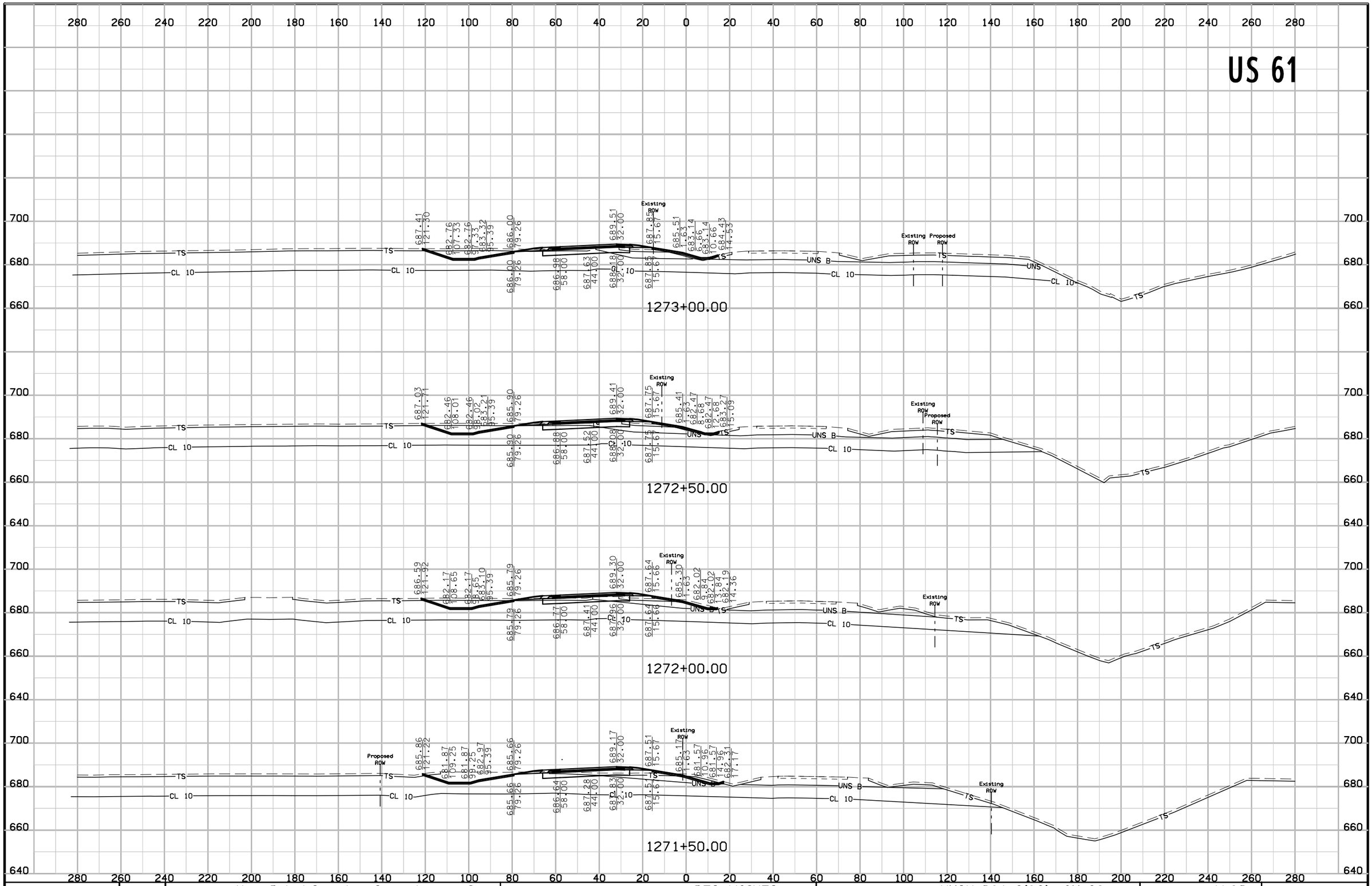
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.79

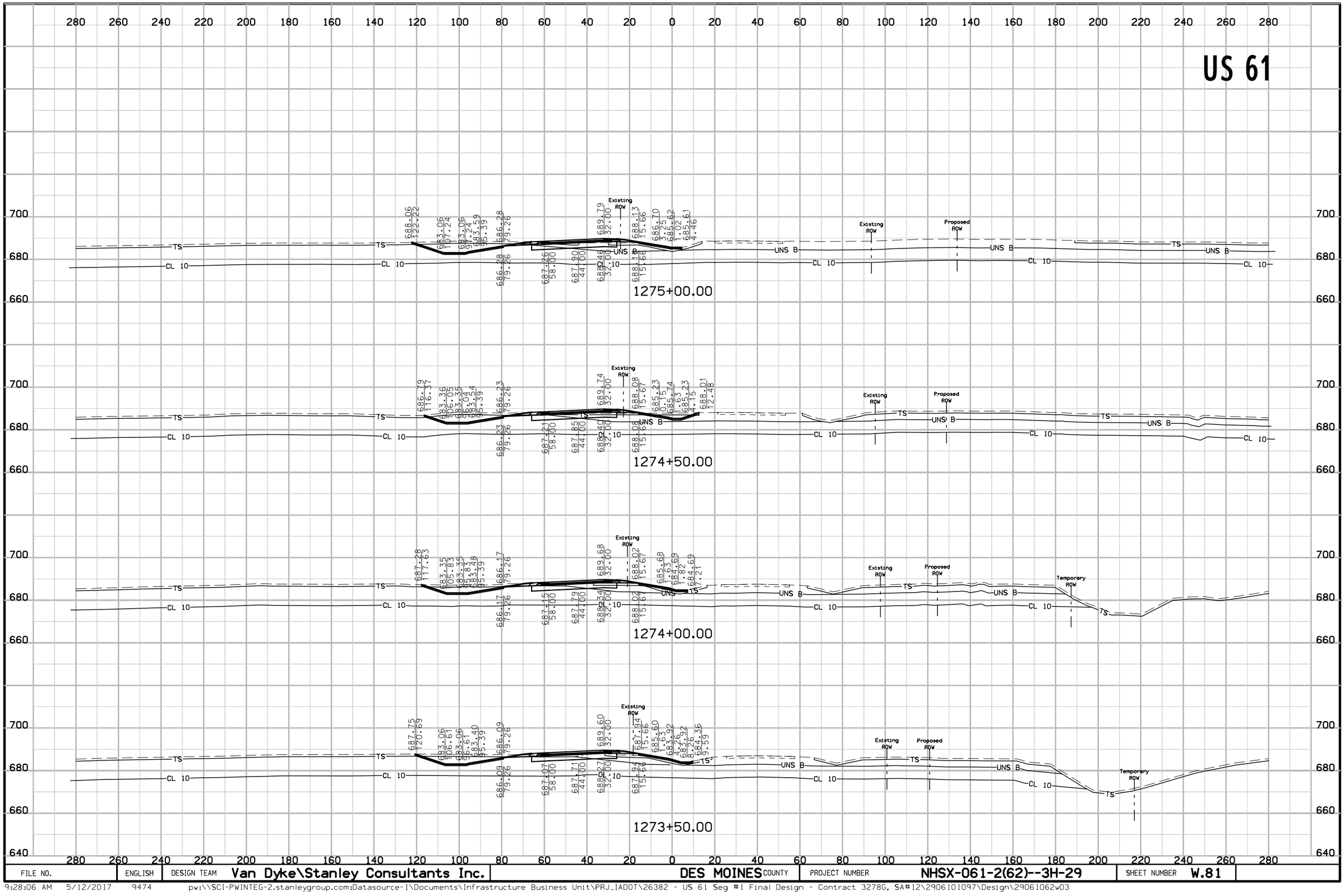
9:28:02 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.80

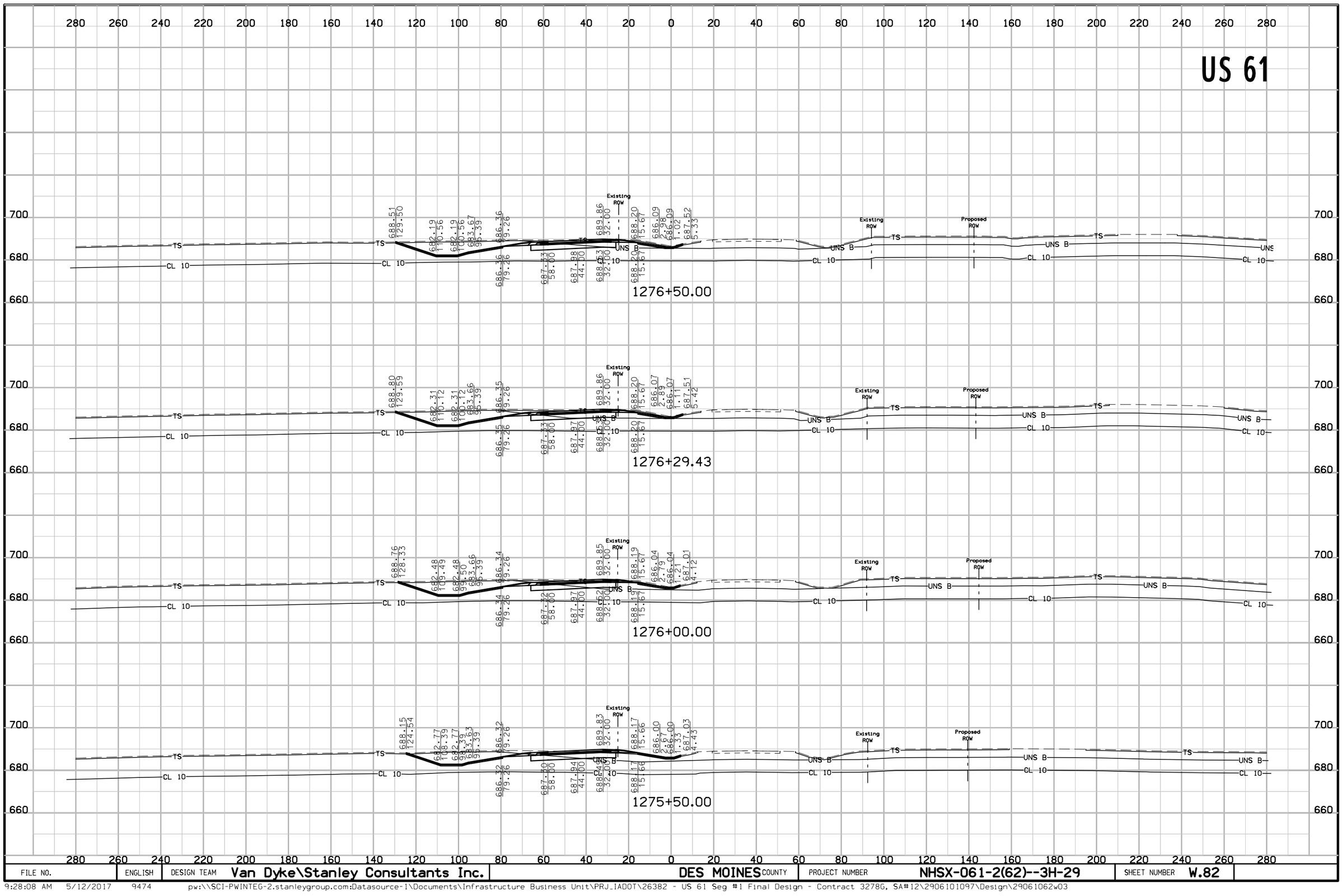
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.81

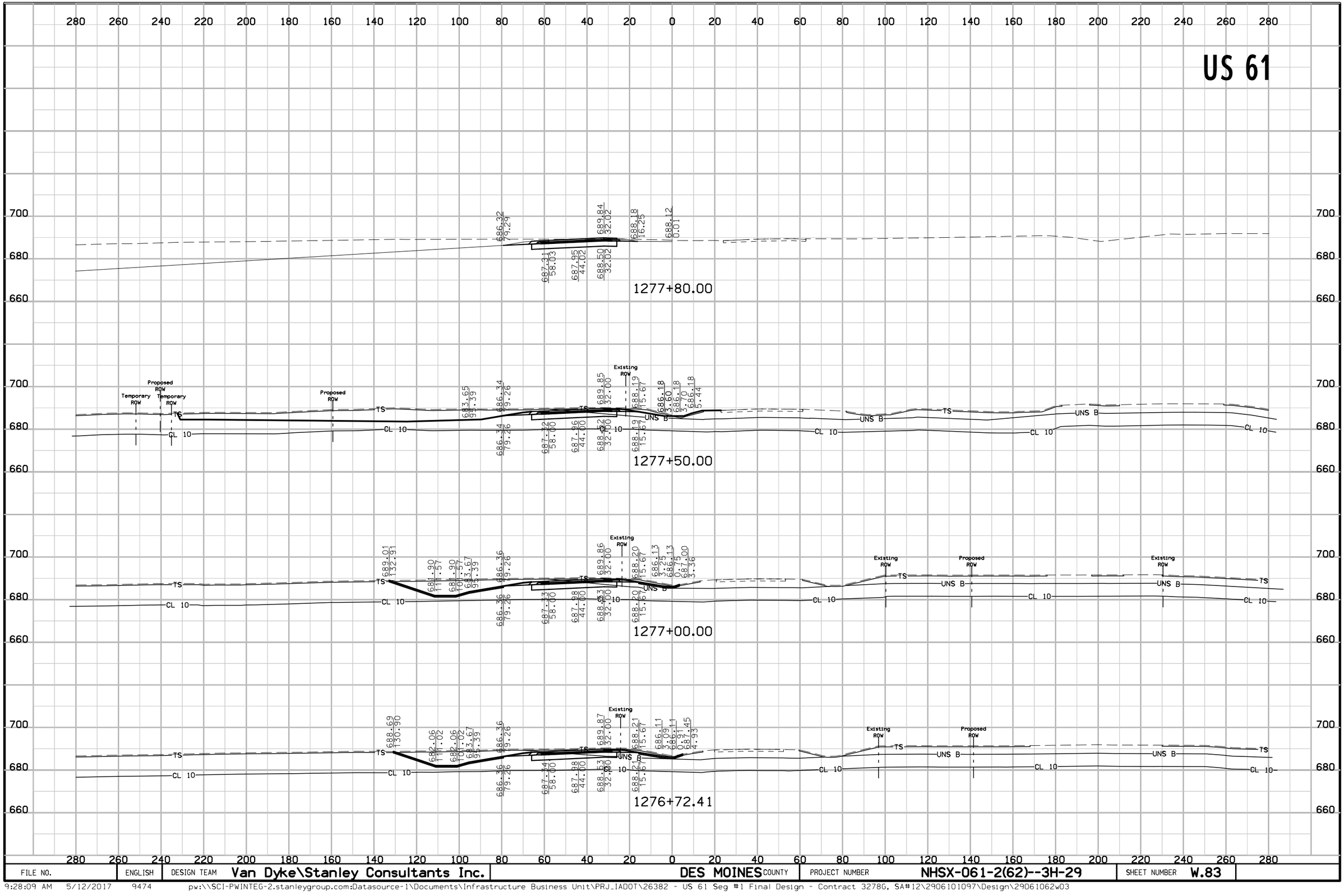
9:28:06 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



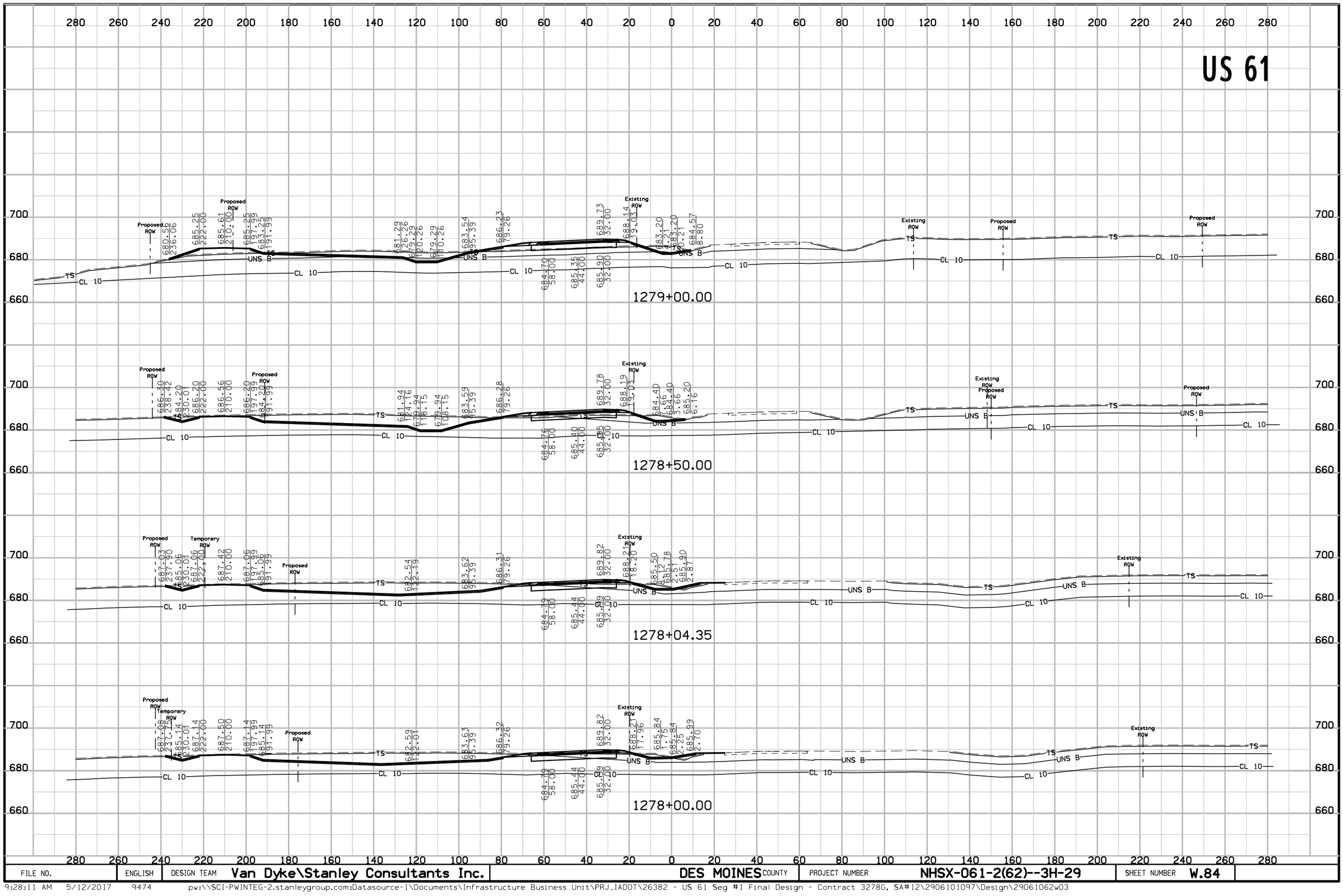
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.82

US 61



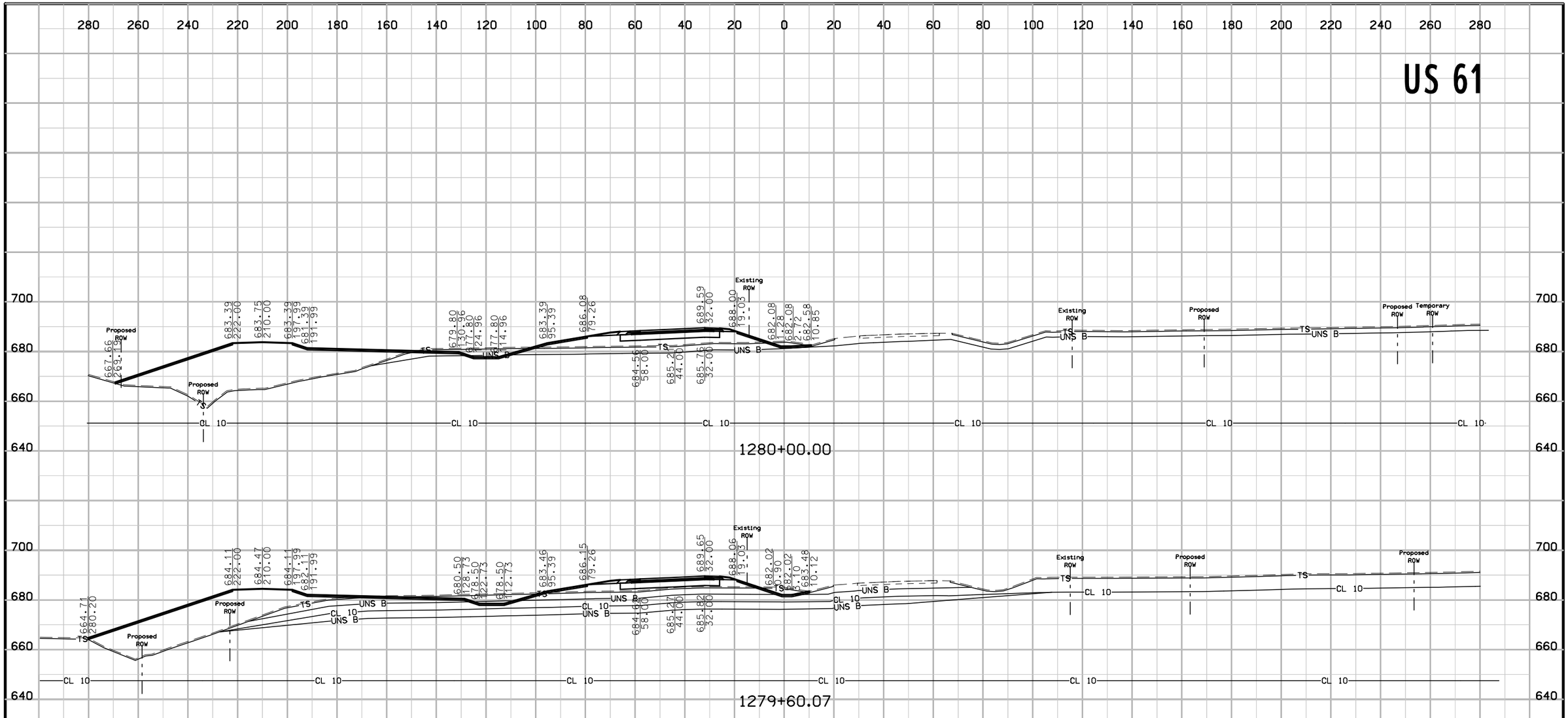
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.83

US 61



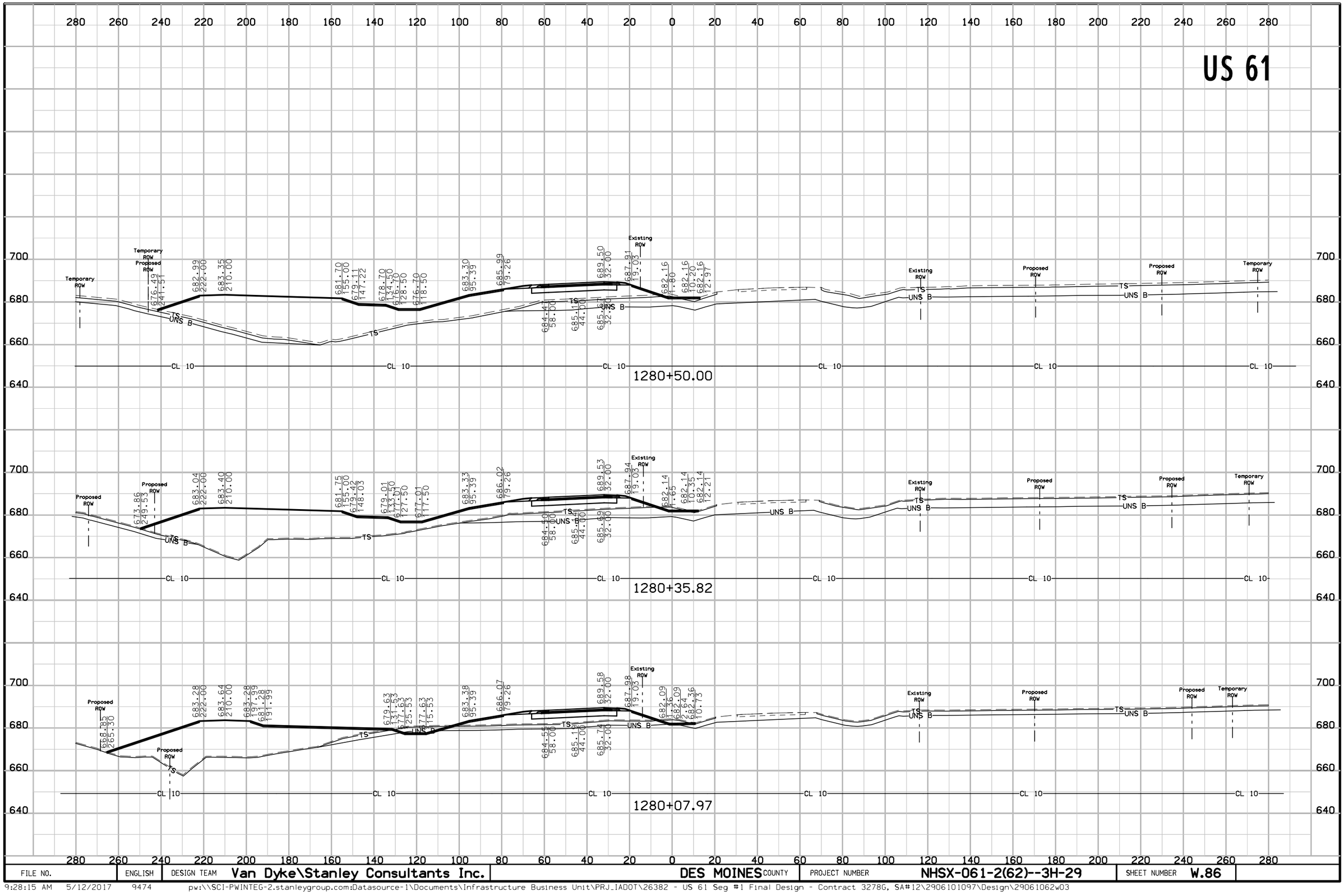
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.84

US 61



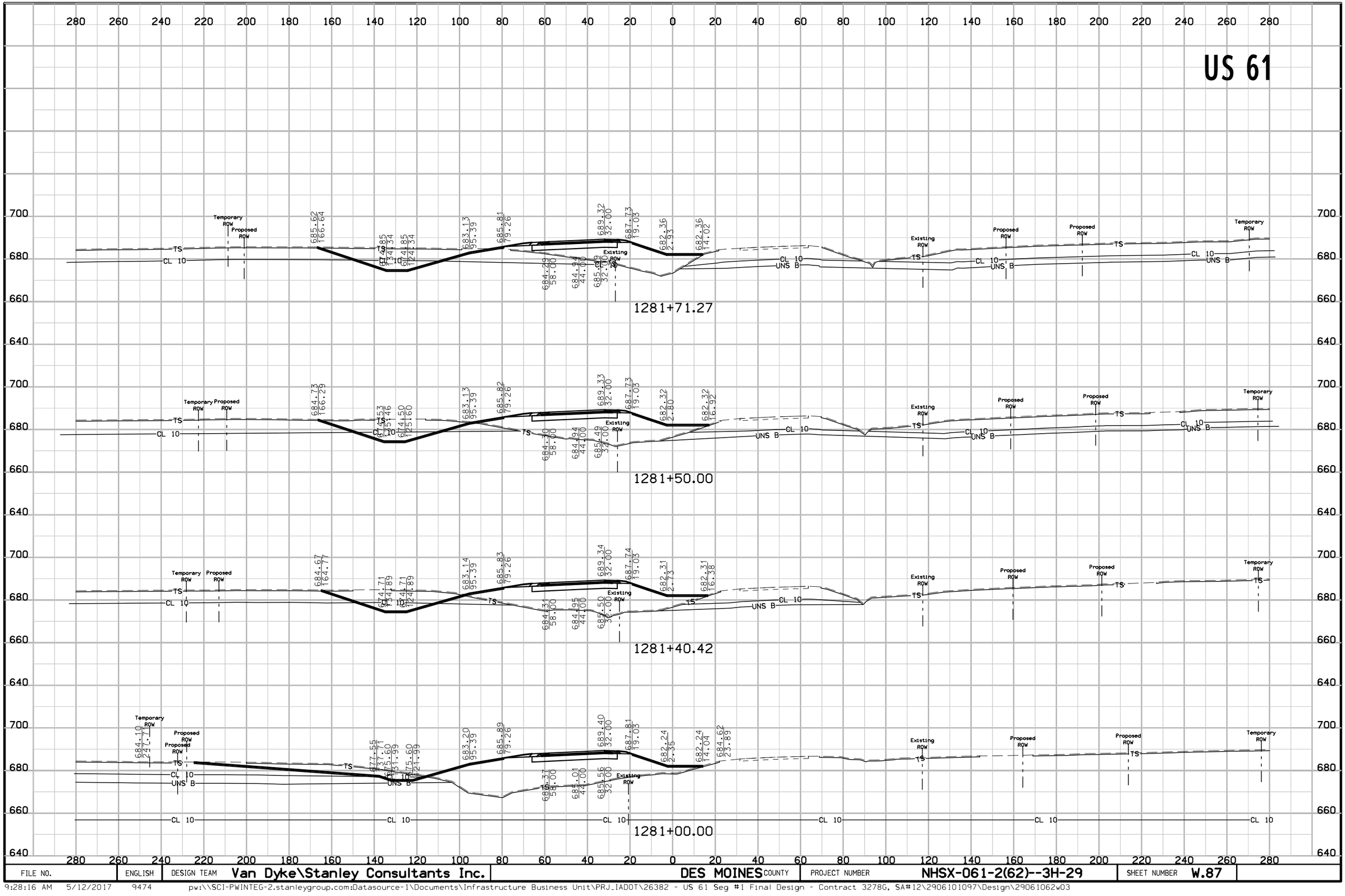
9:28:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



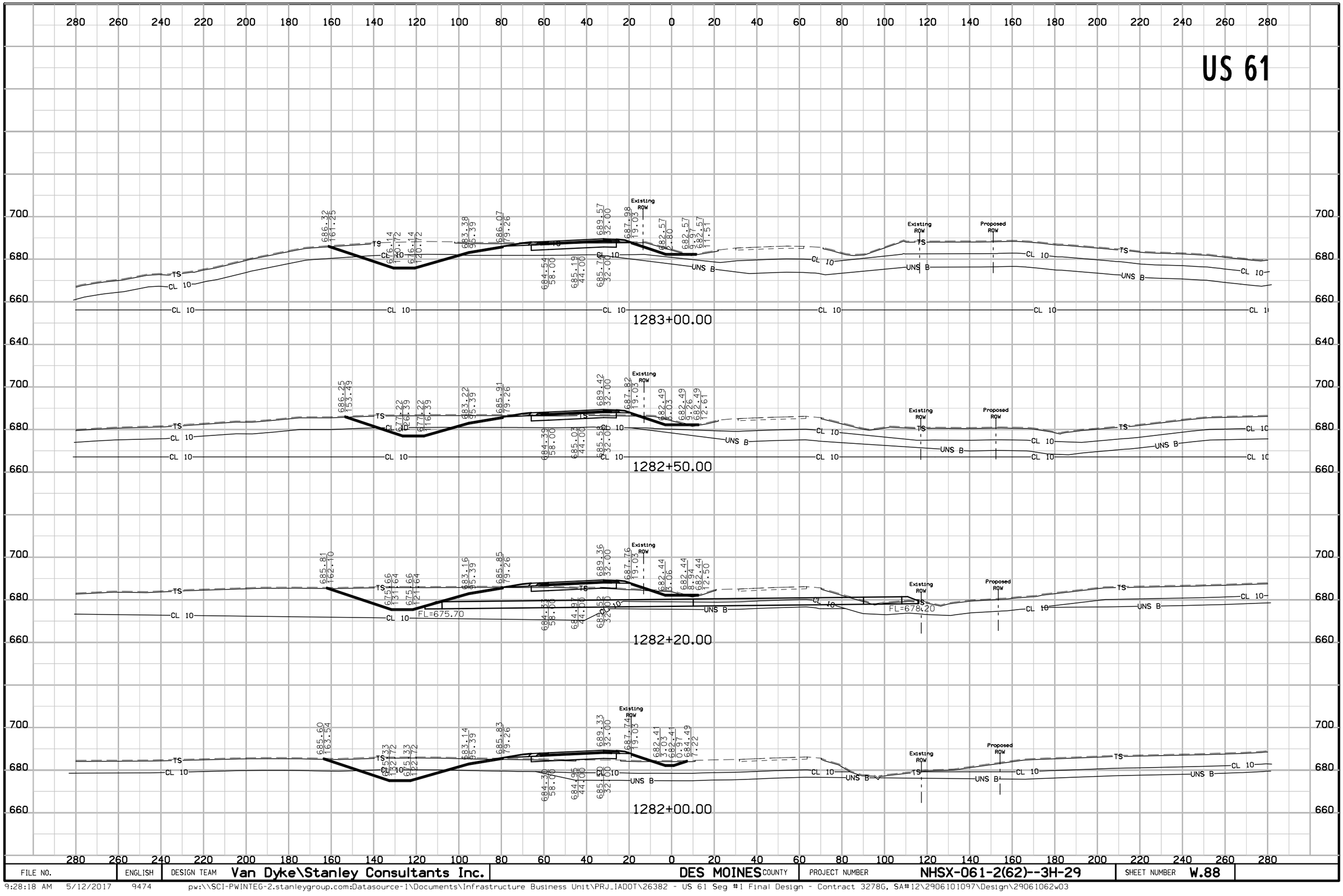
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.86

US 61



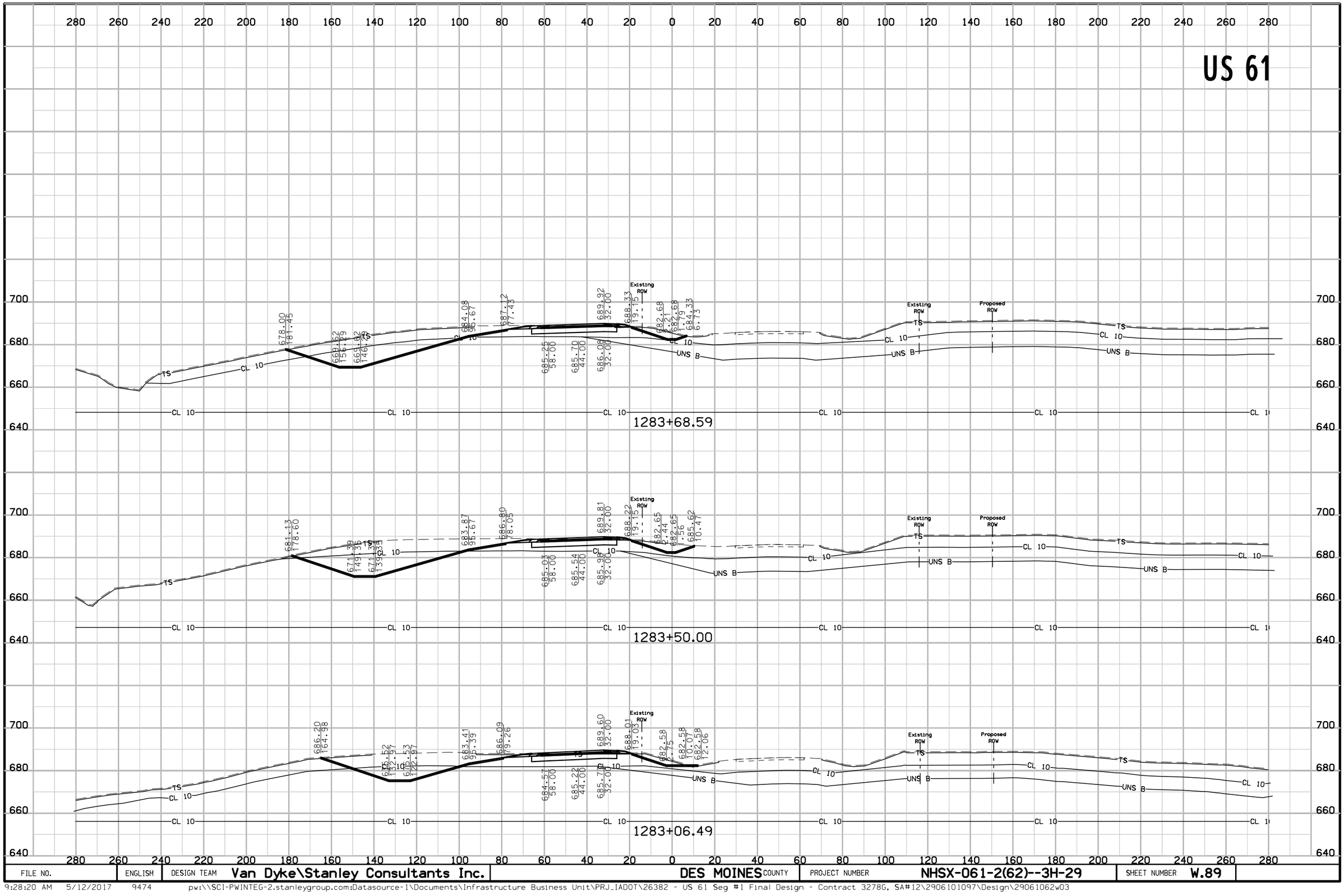
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.87

US 61



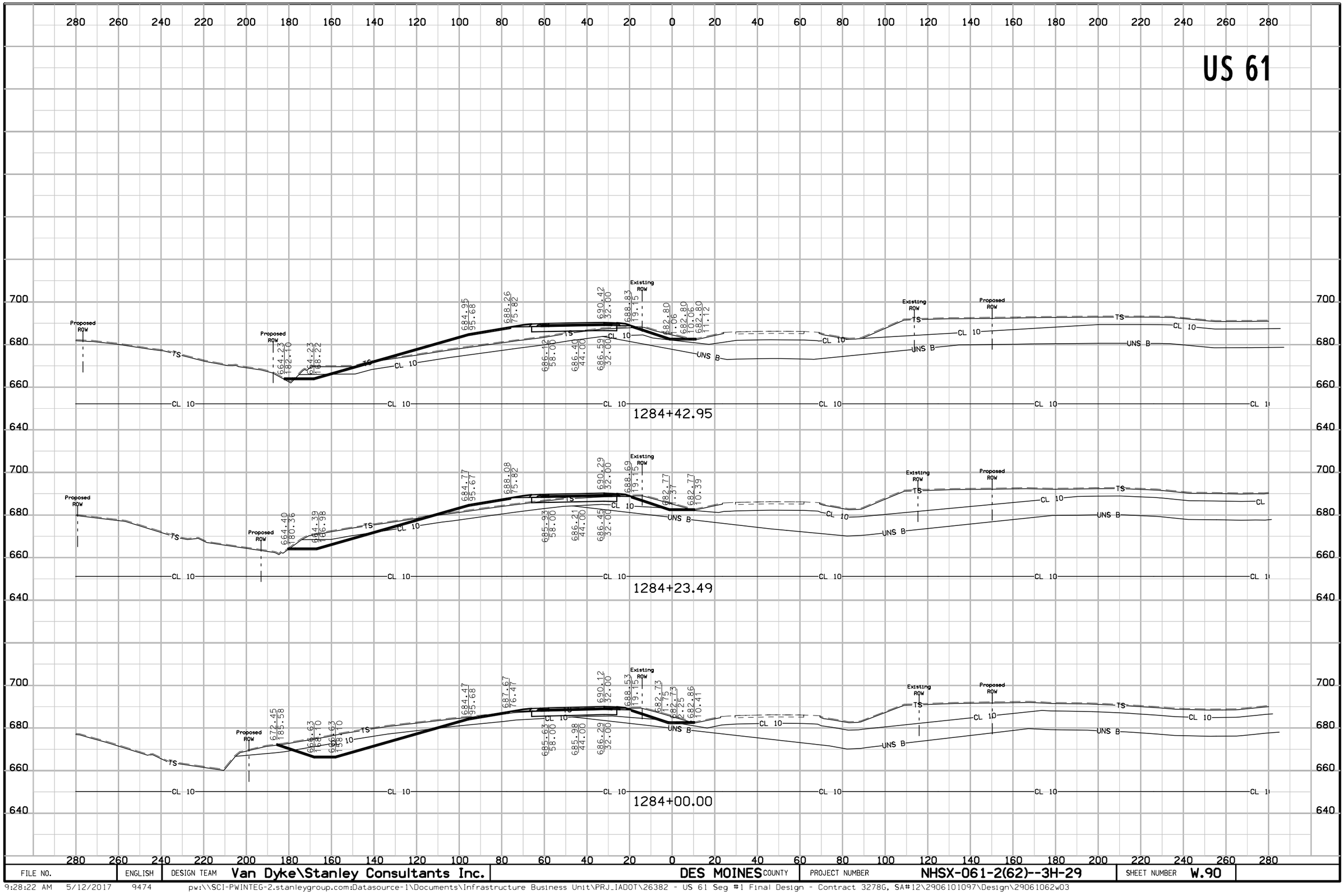
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.88

US 61



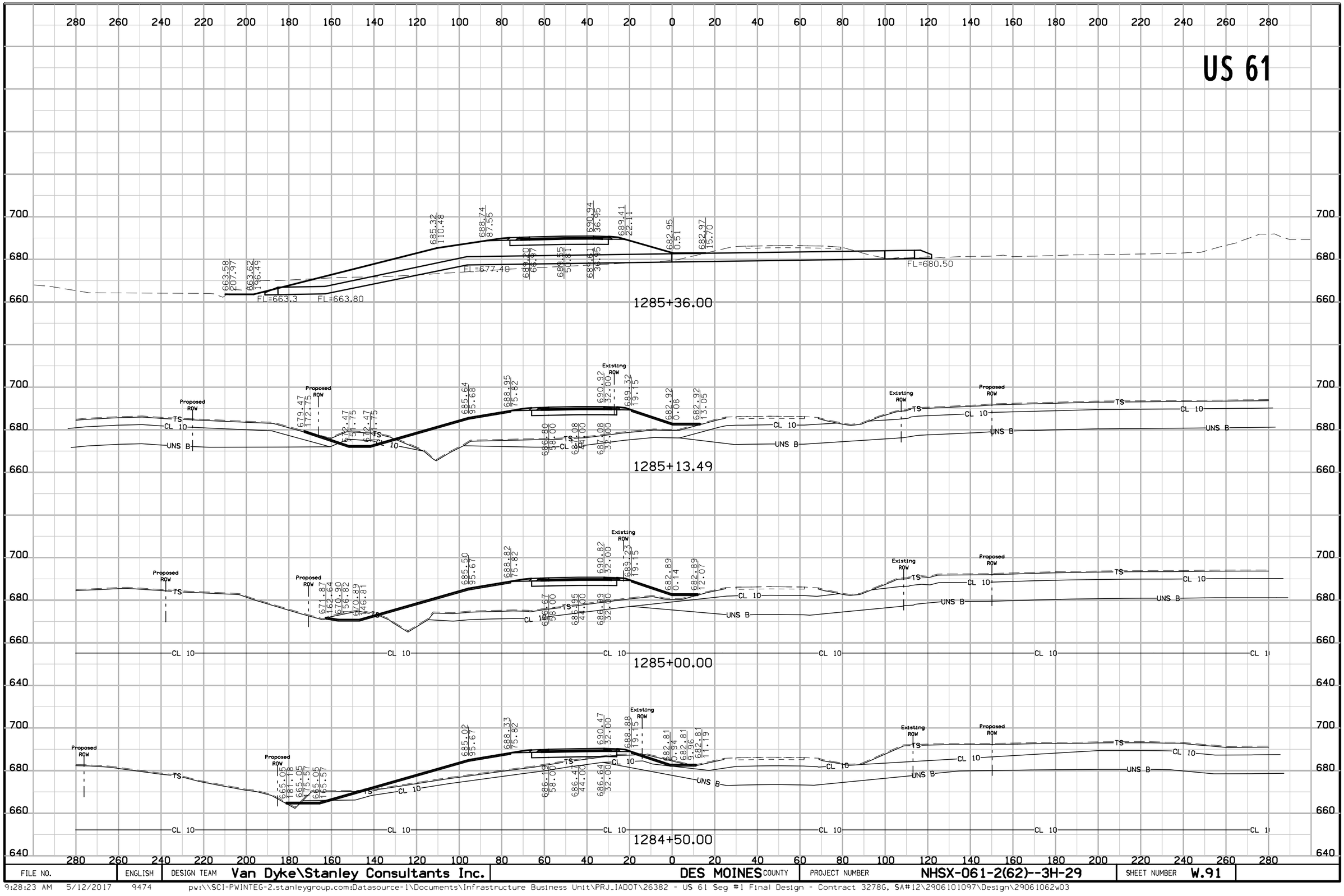
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.89

US 61



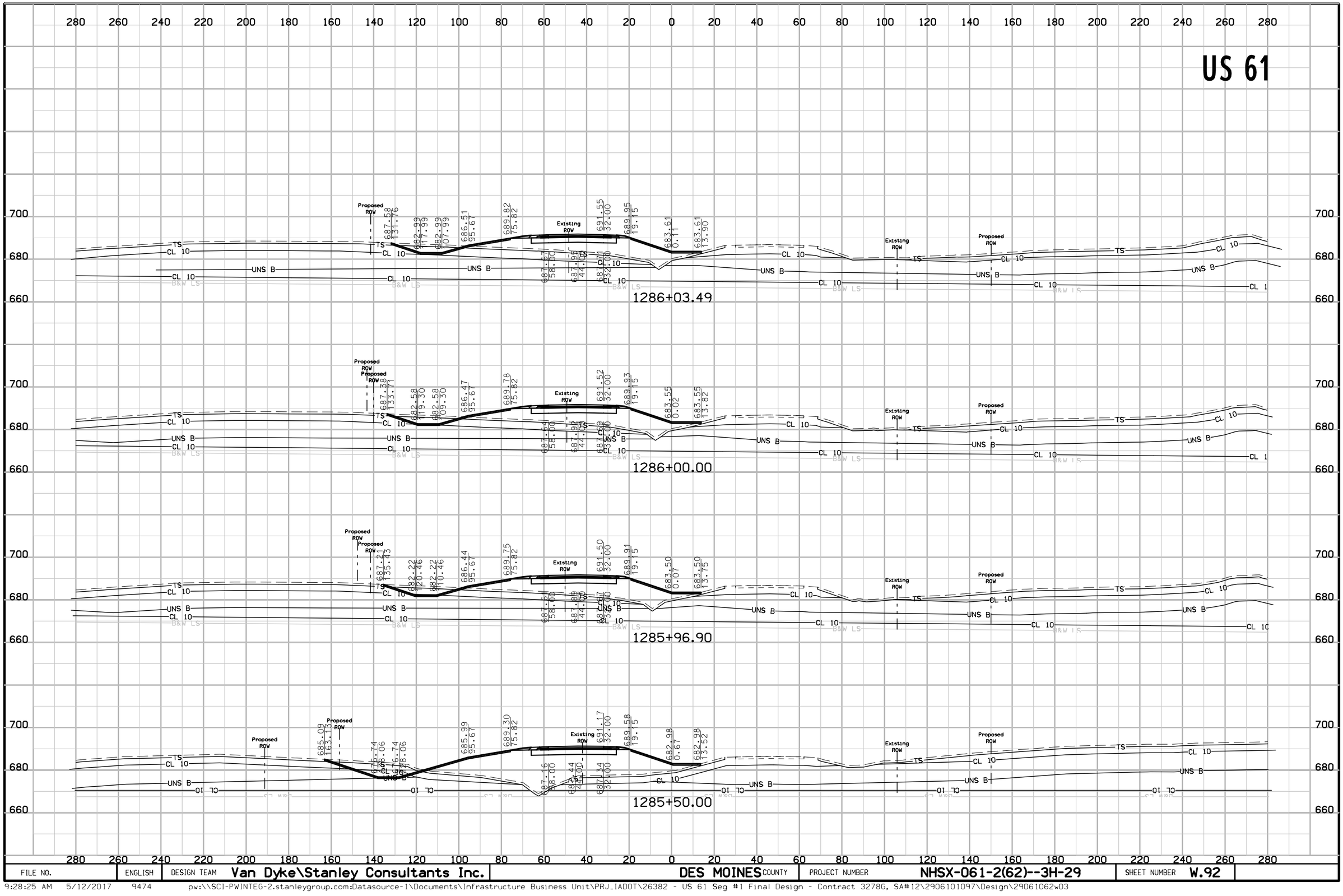
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.90

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.91

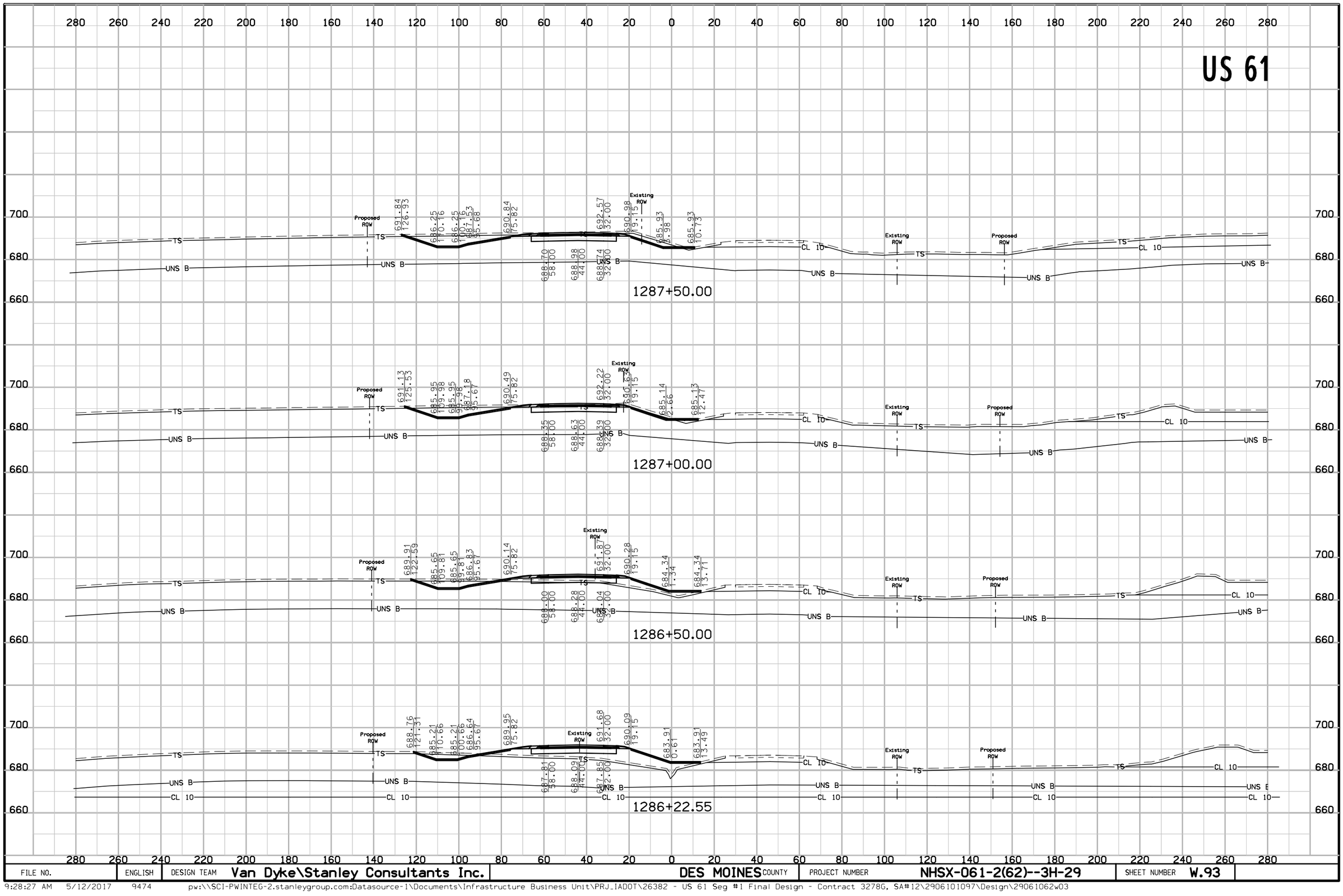
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.92

9:28:25 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

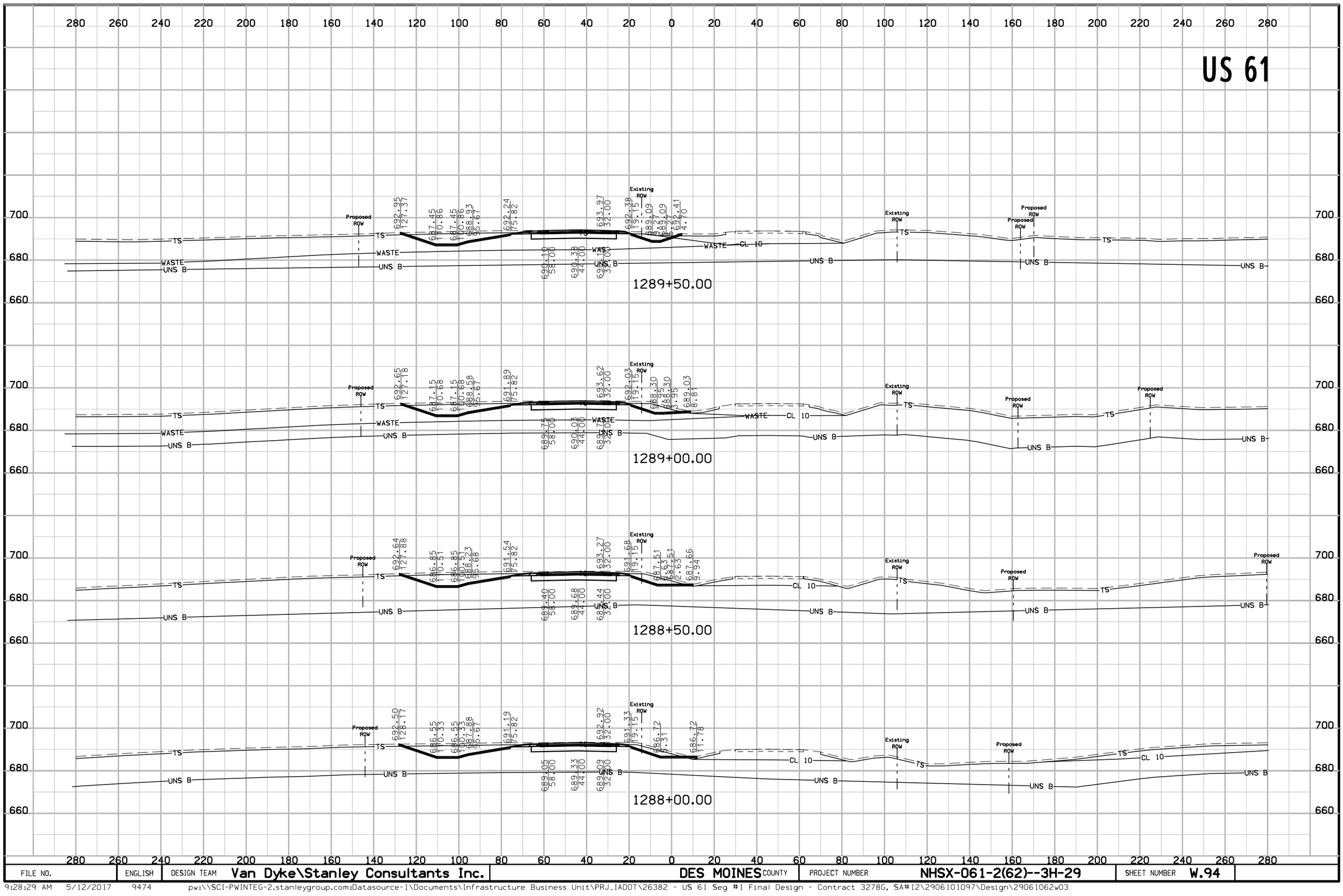
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.93

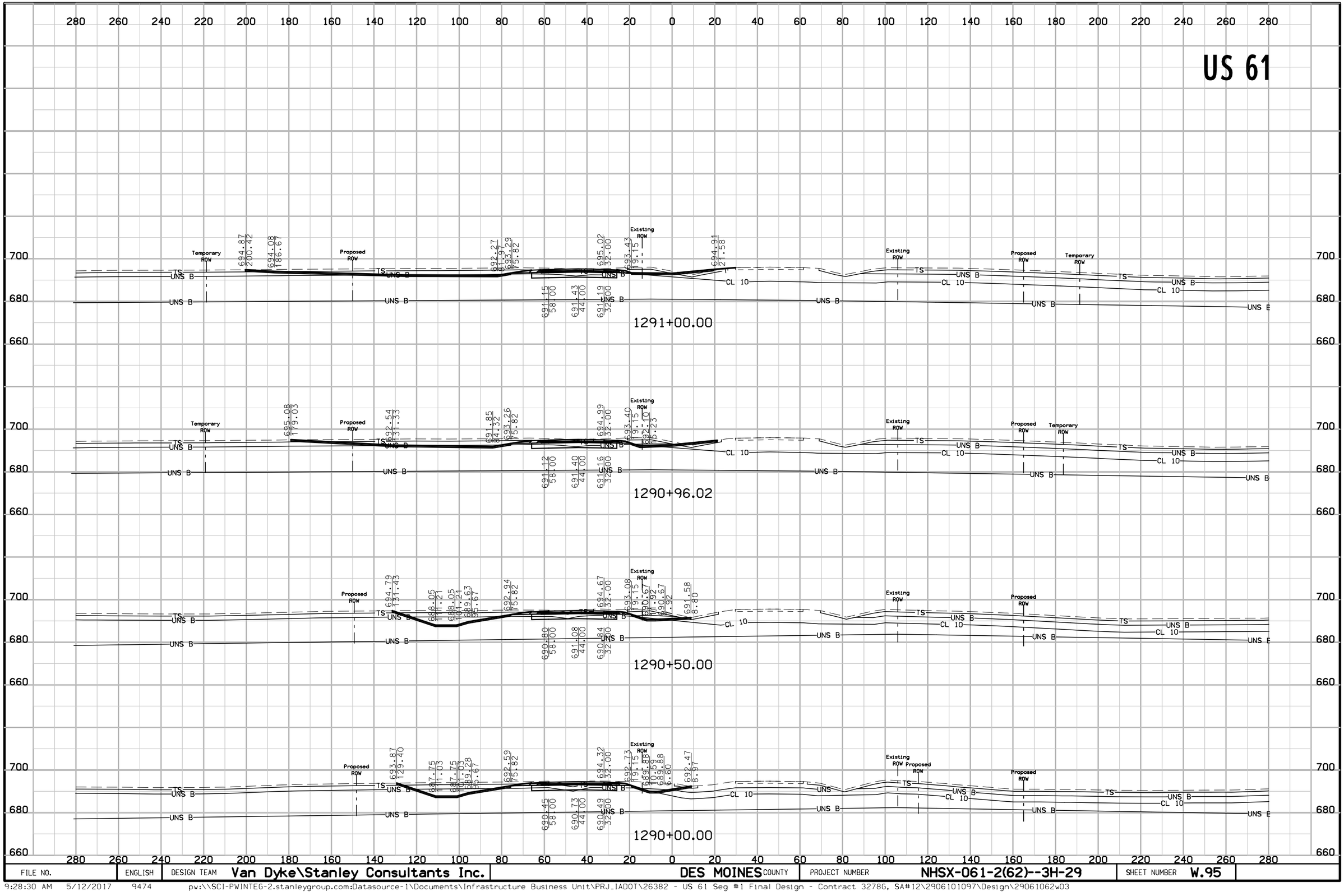
9:28:27 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.94

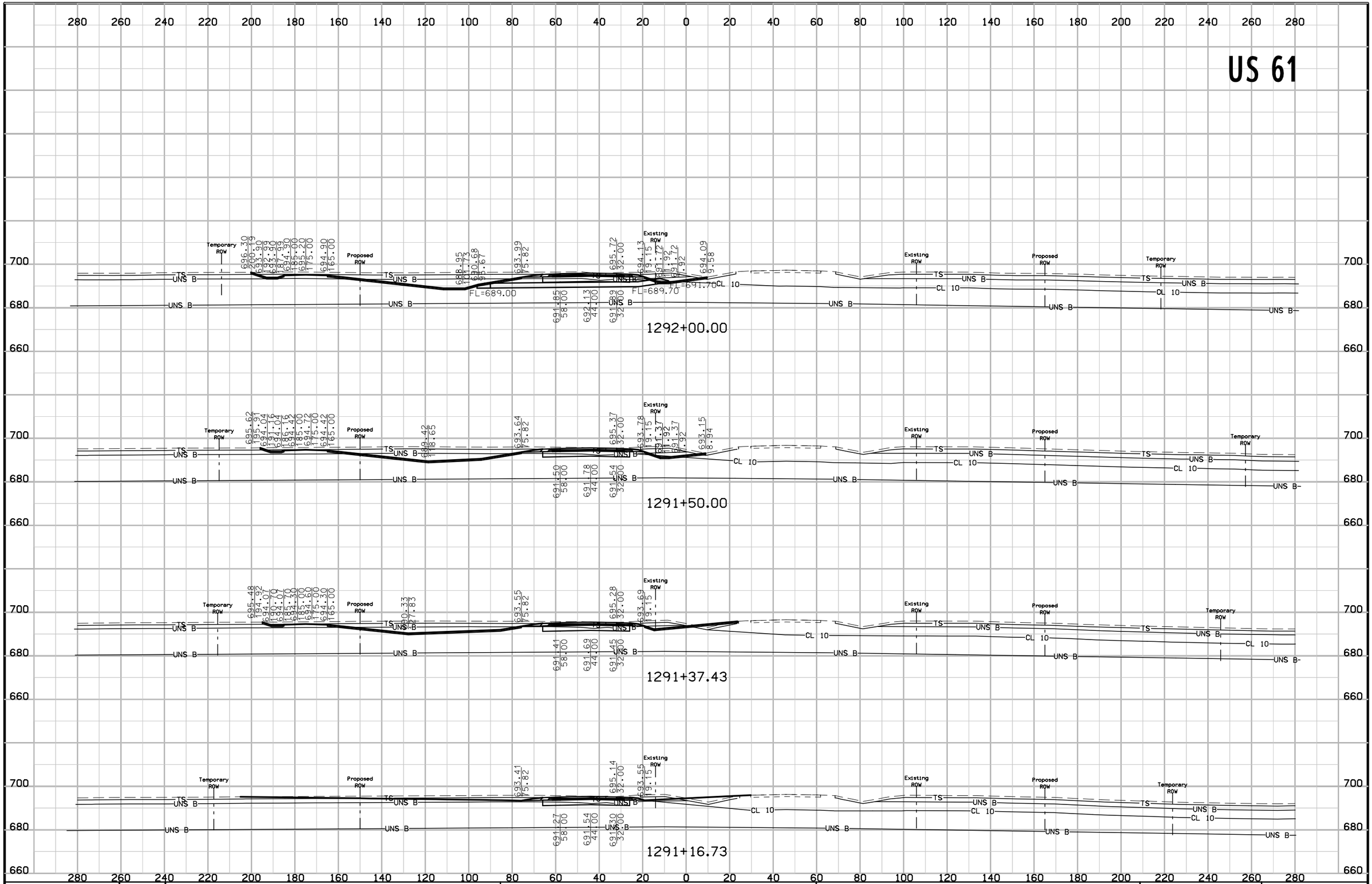
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.95

9:28:30 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

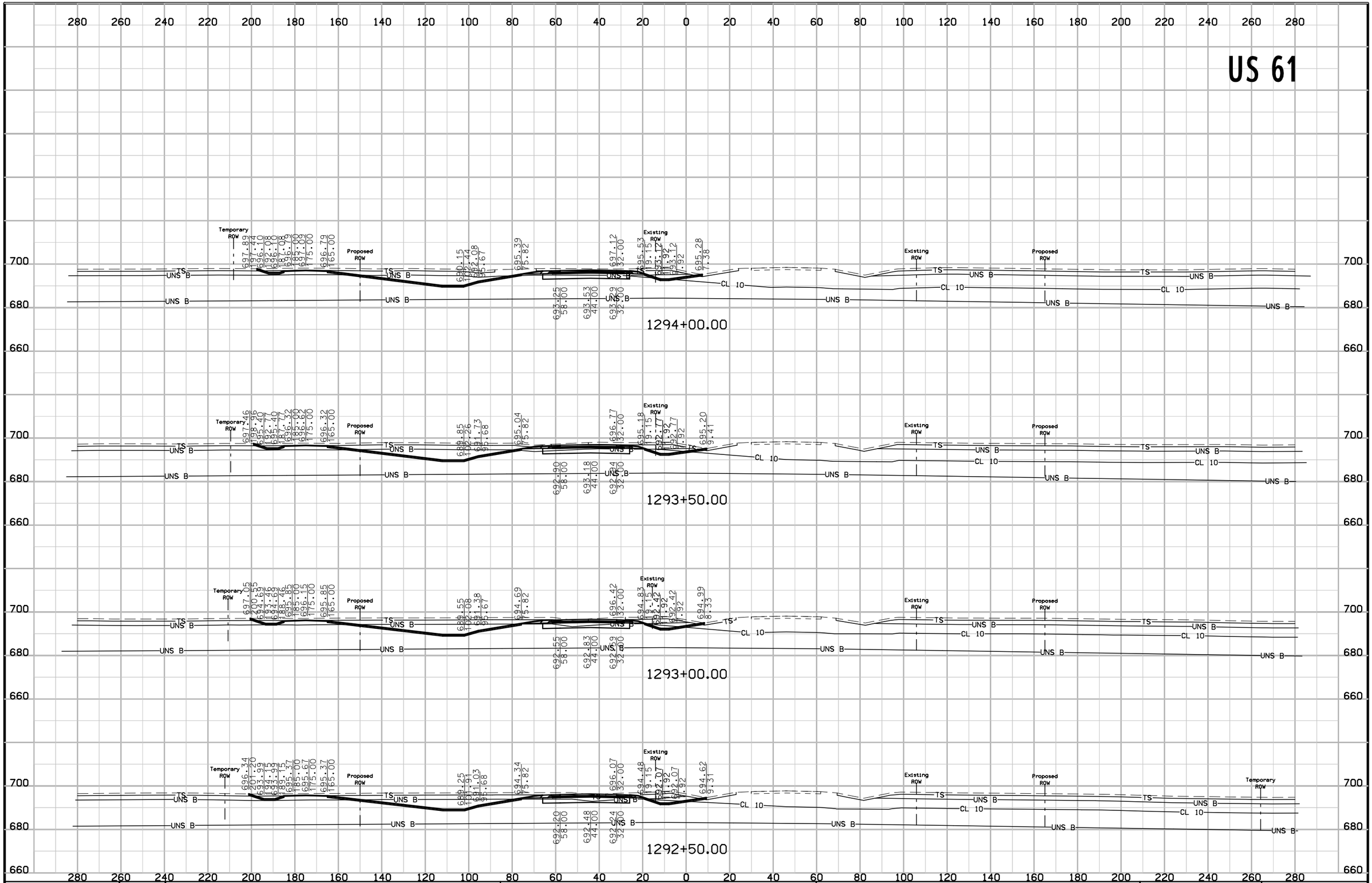
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.96

9:28:32 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

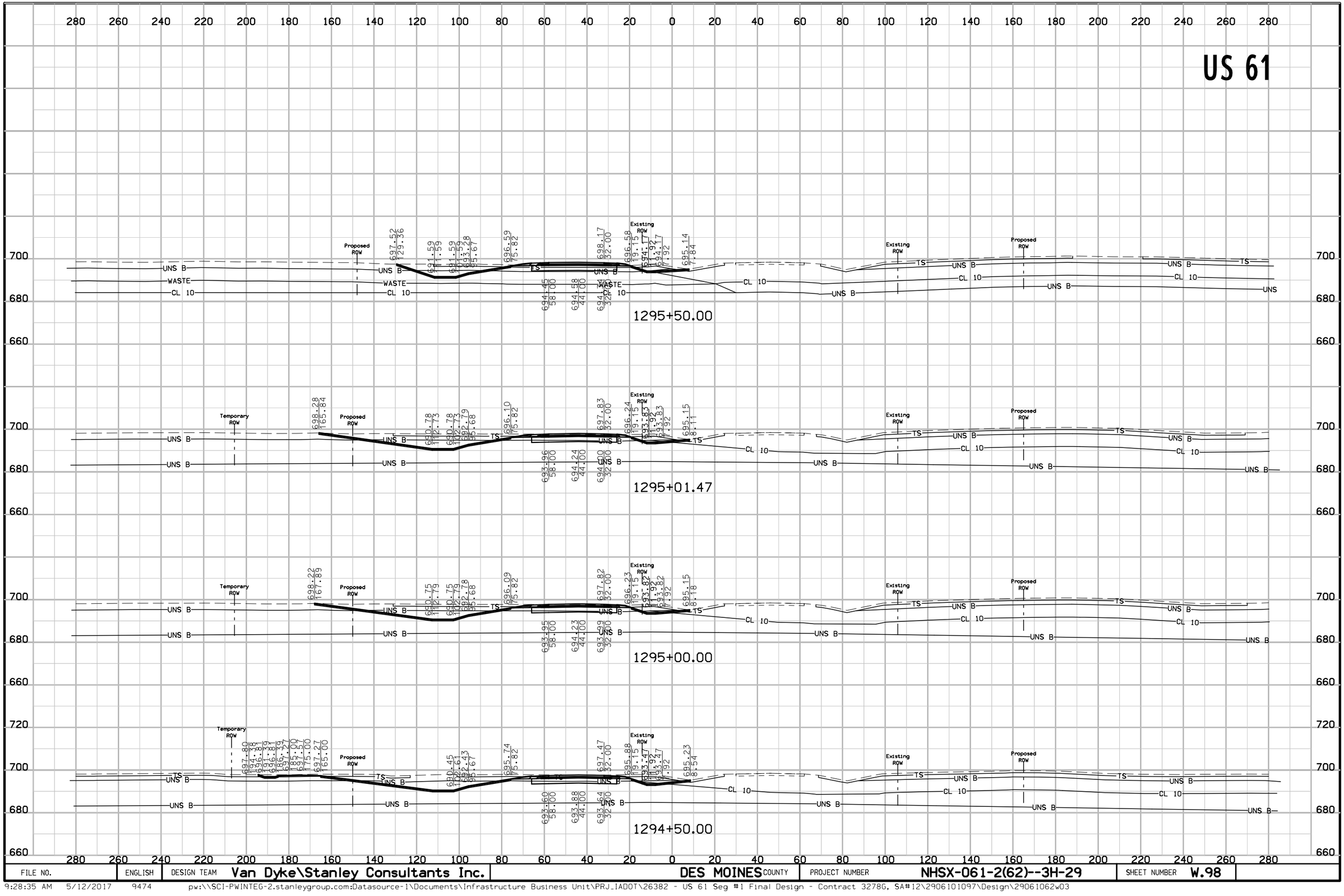
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.97

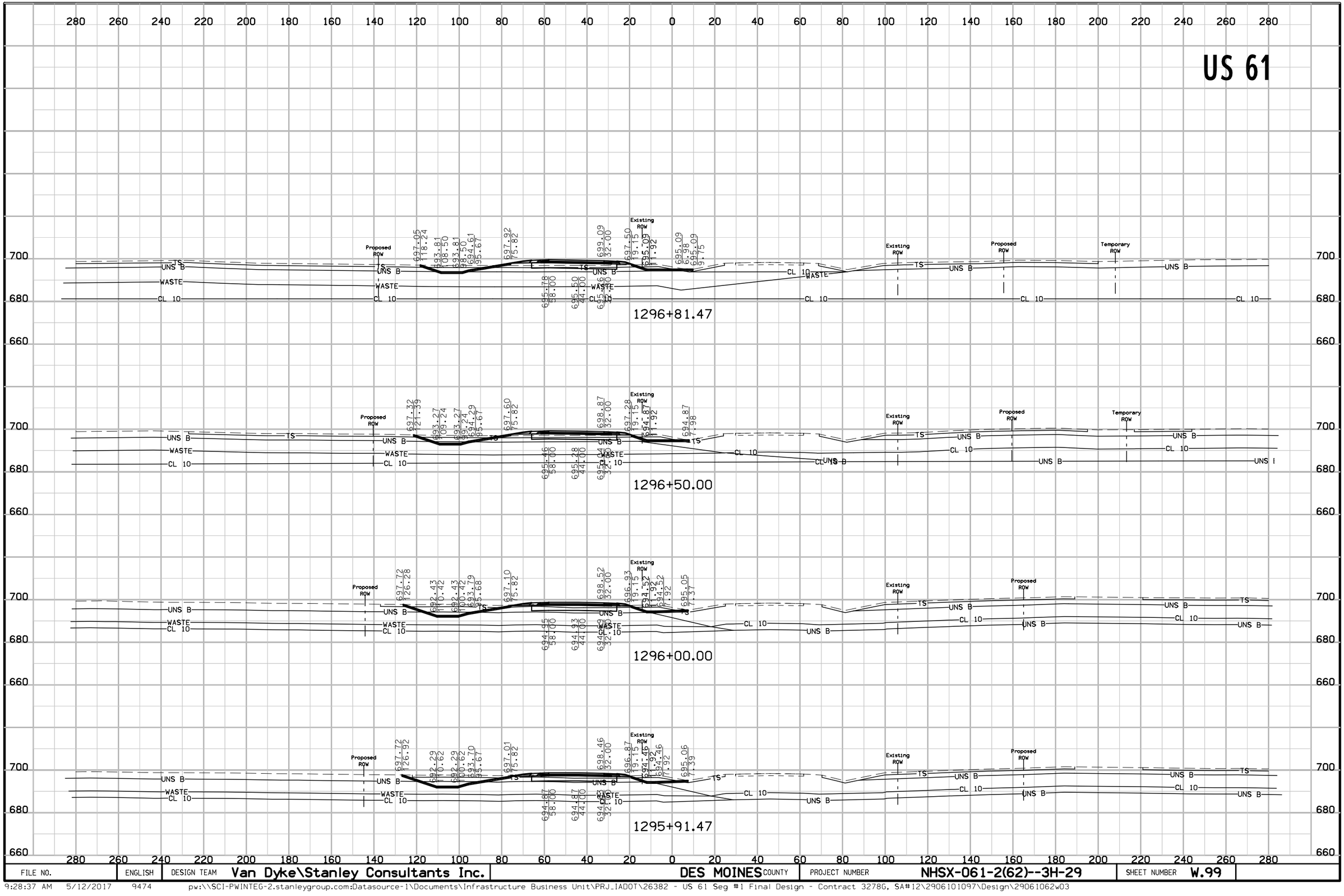
9:28:34 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.98

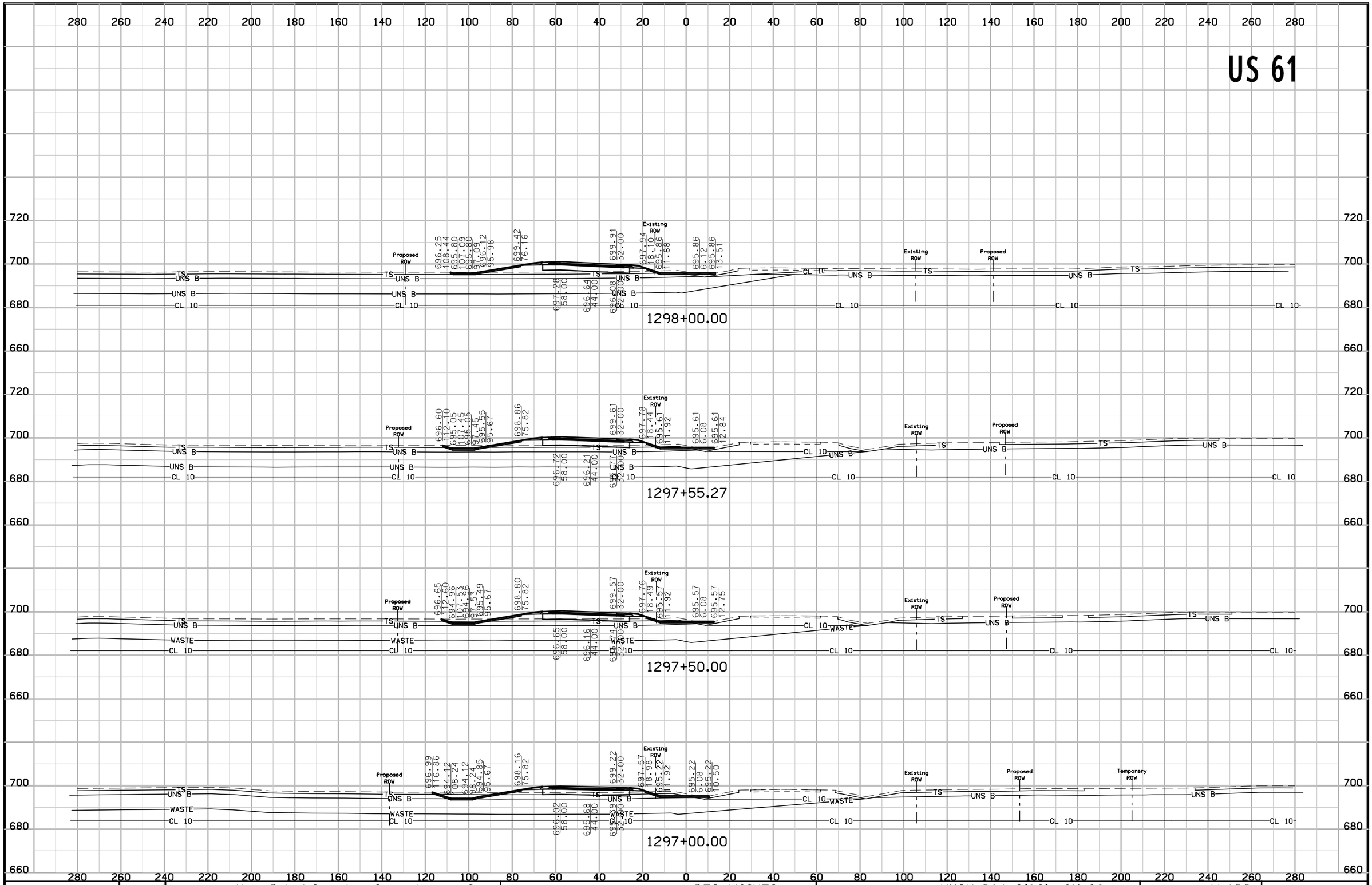
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.99

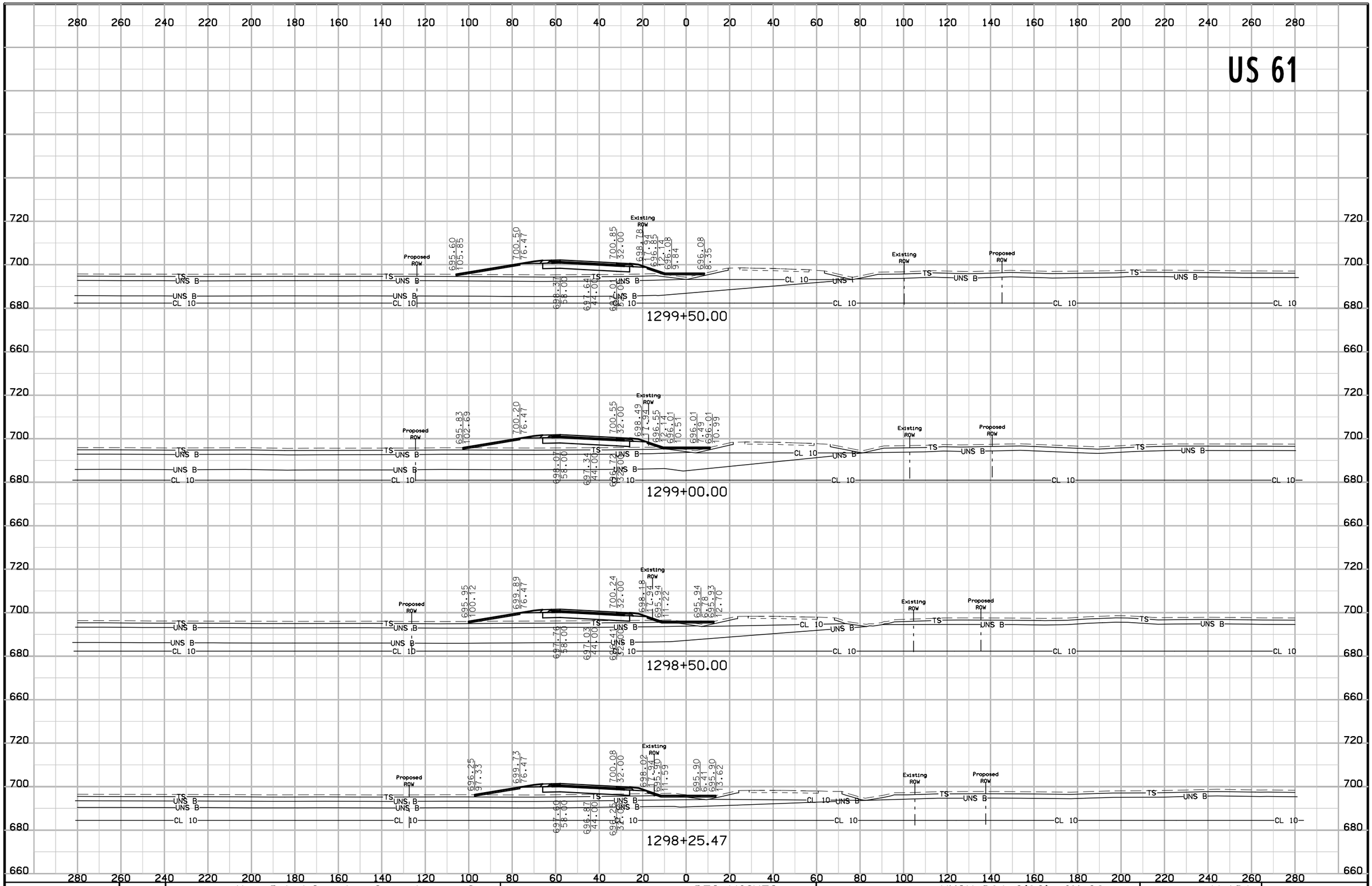
9:28:37 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.100

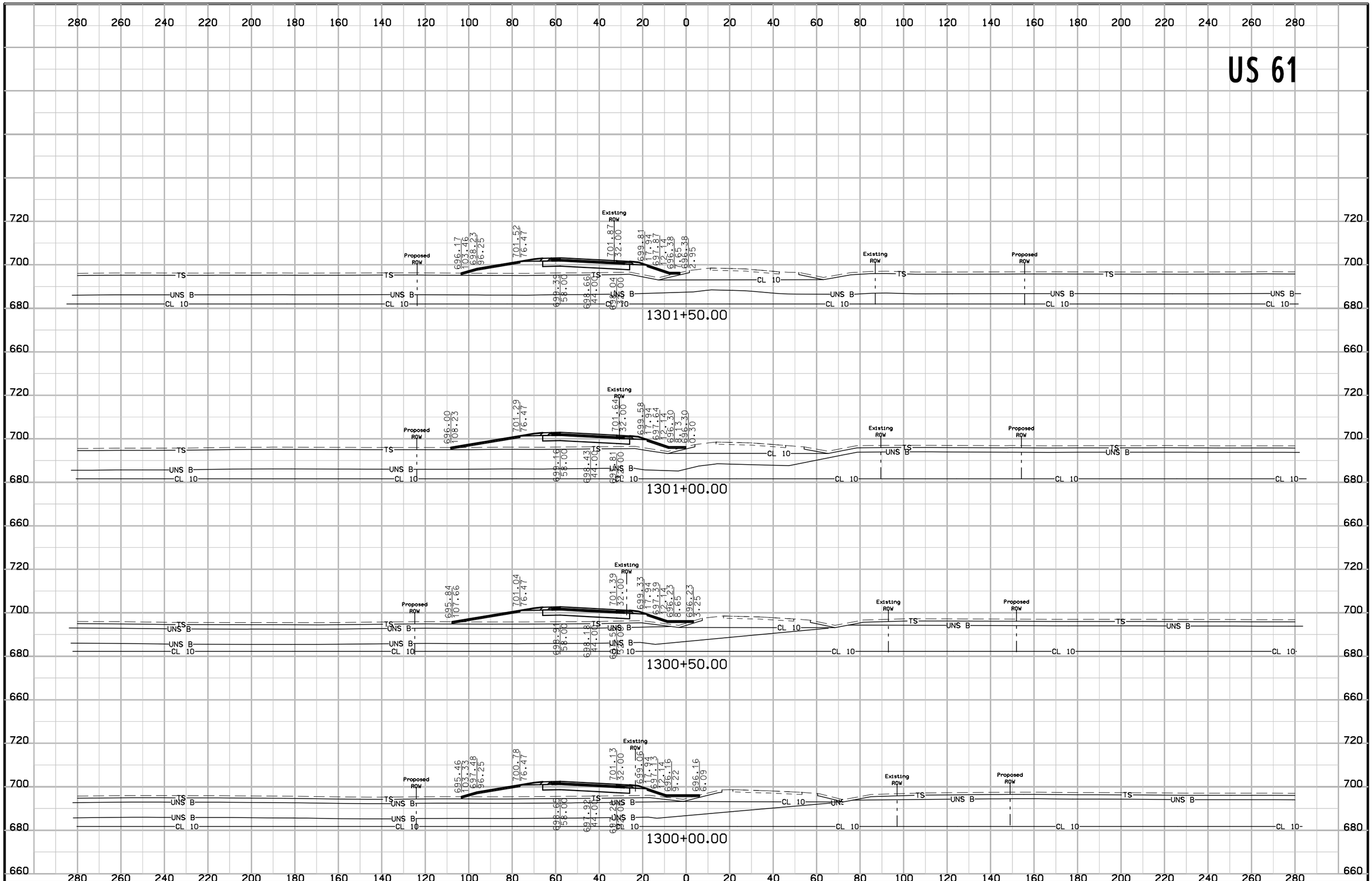
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.101

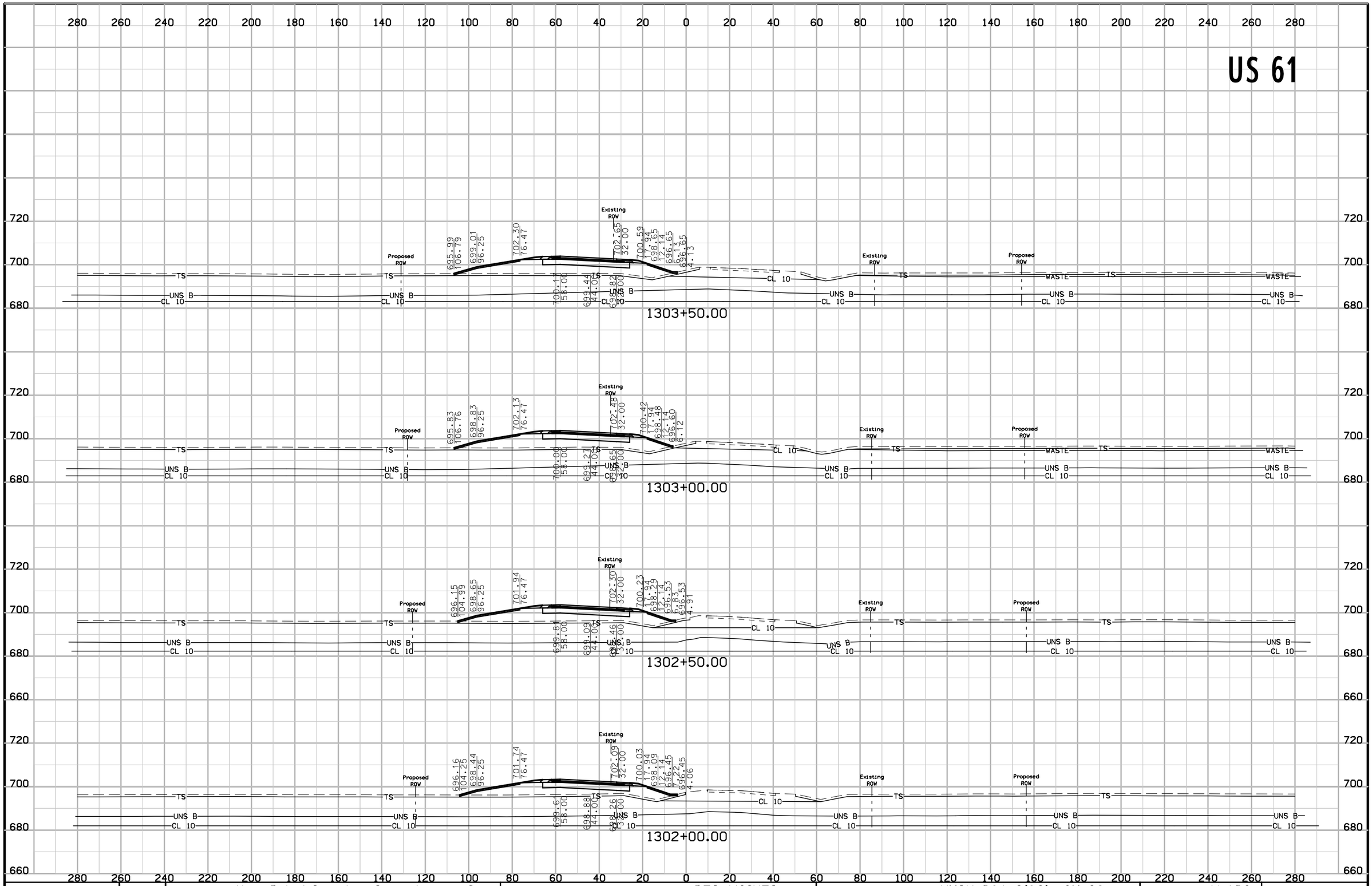
9:28:52 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



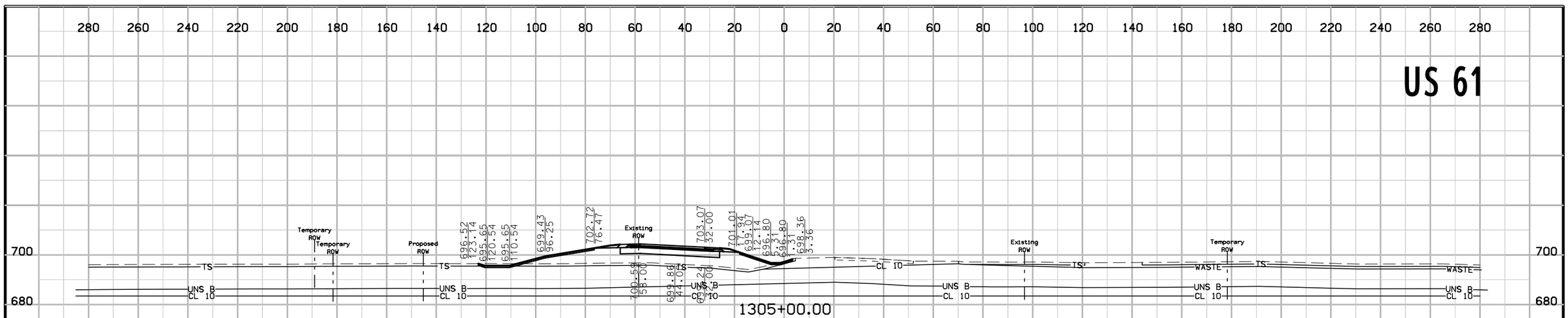
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.102

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.103

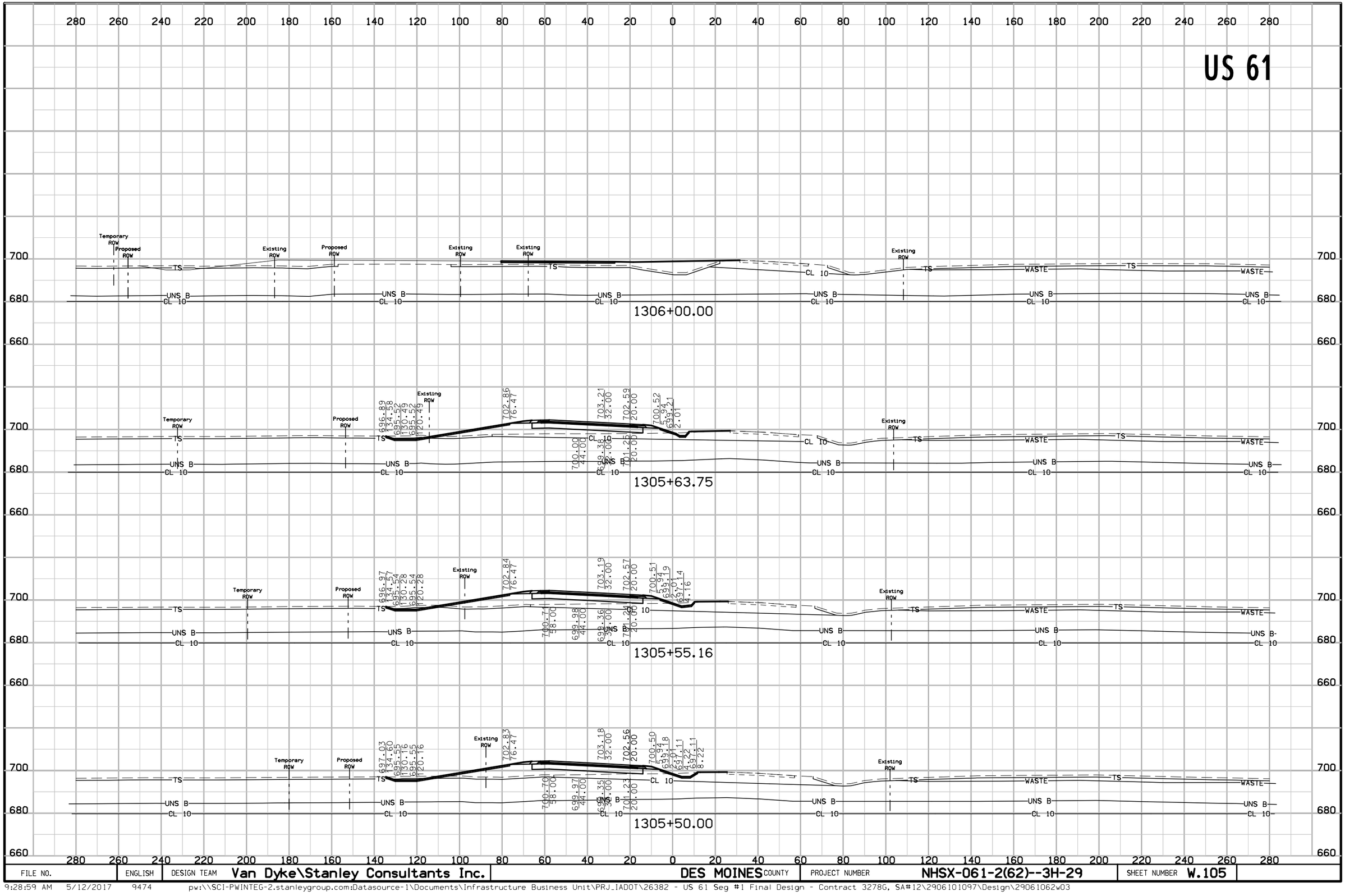
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.104

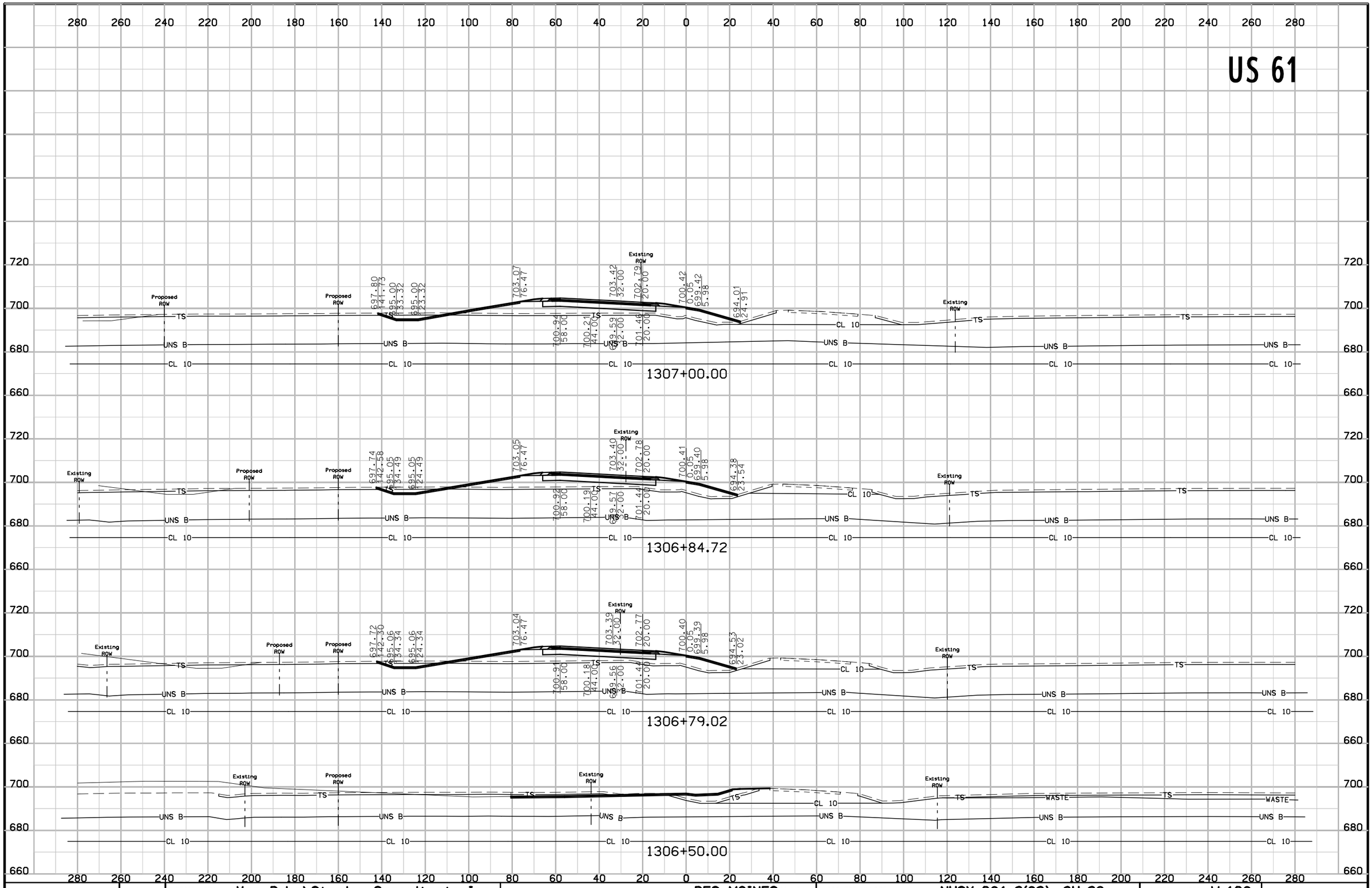
9:28:57 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.105

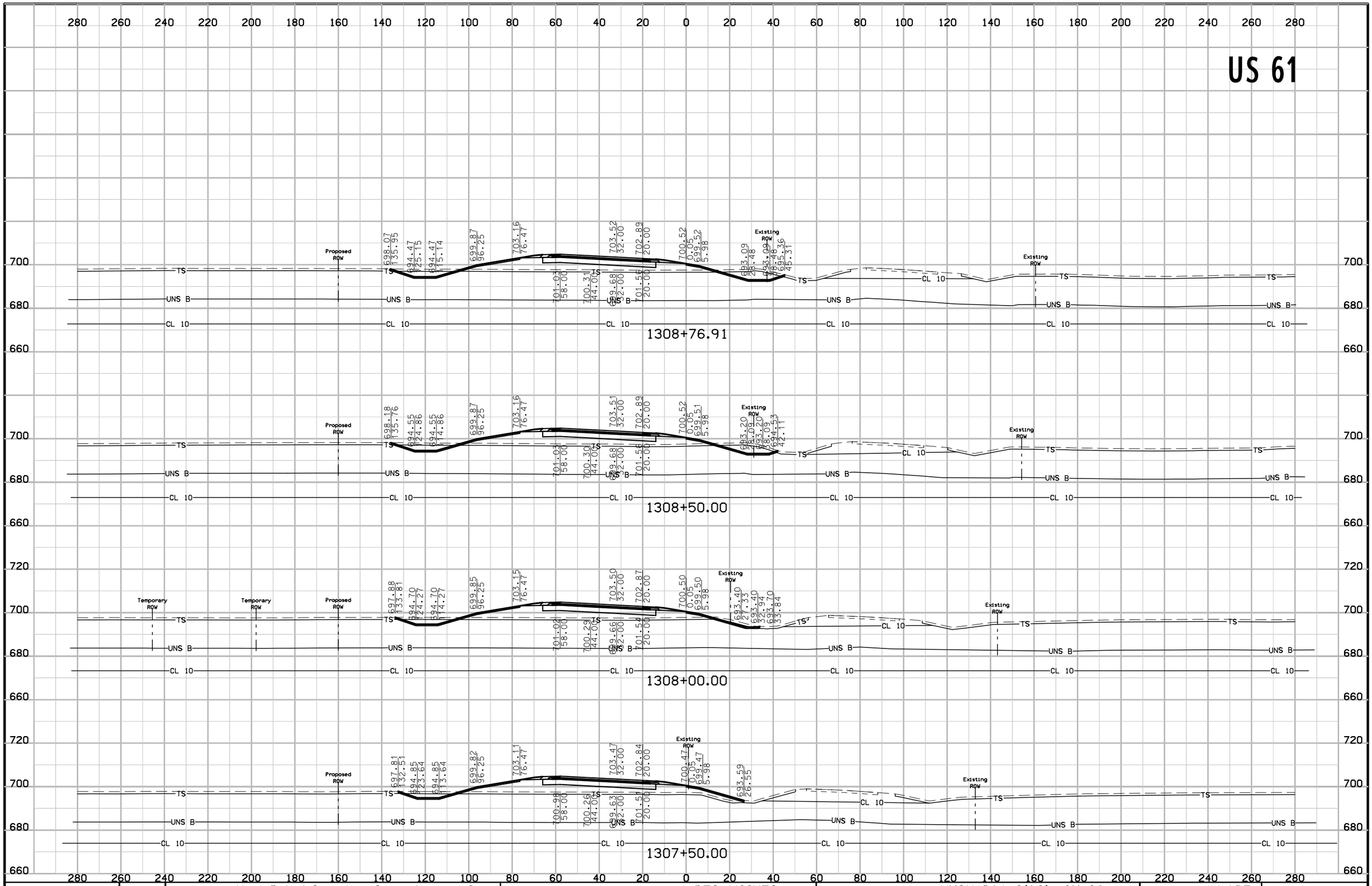
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.106

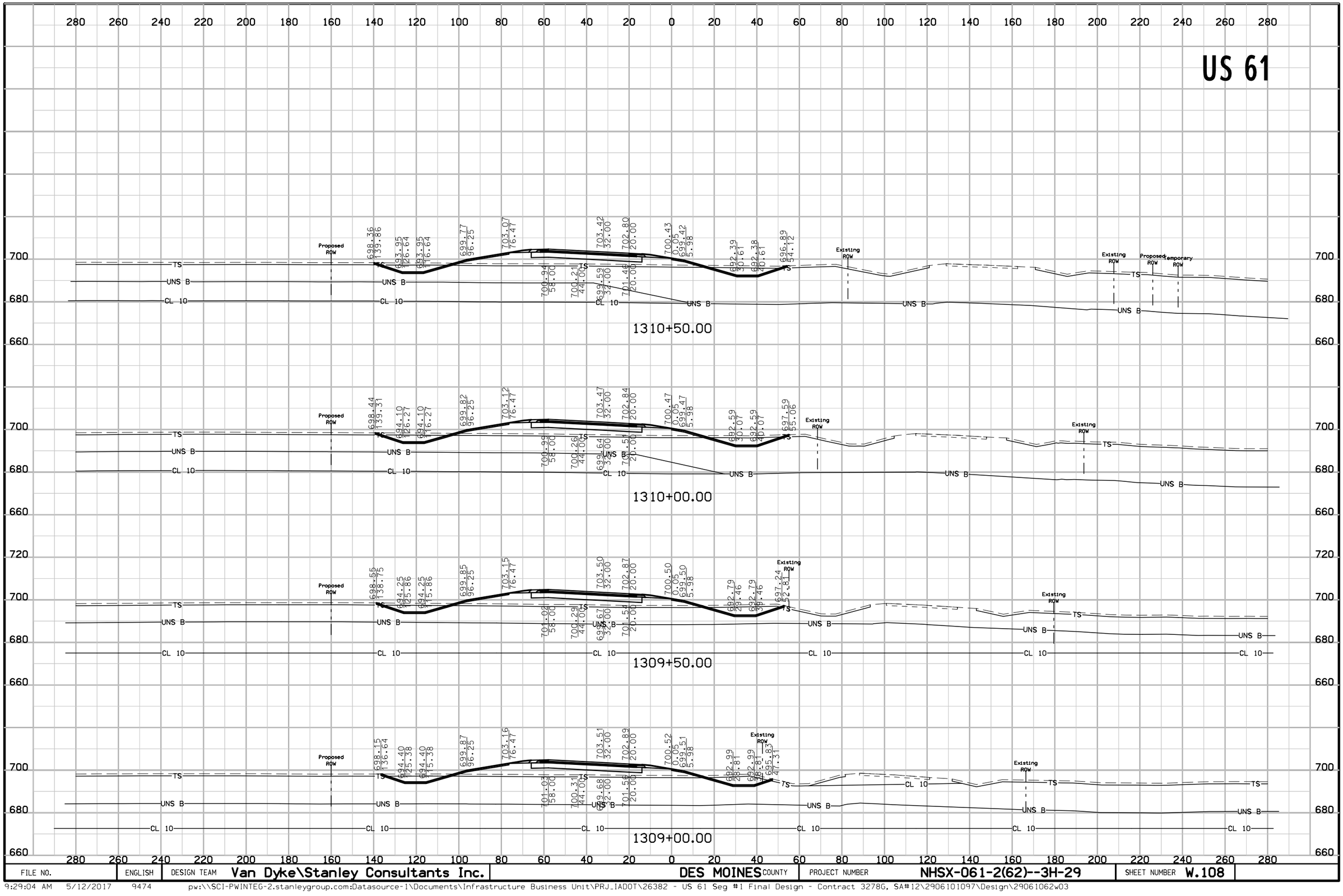
9:29:01 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



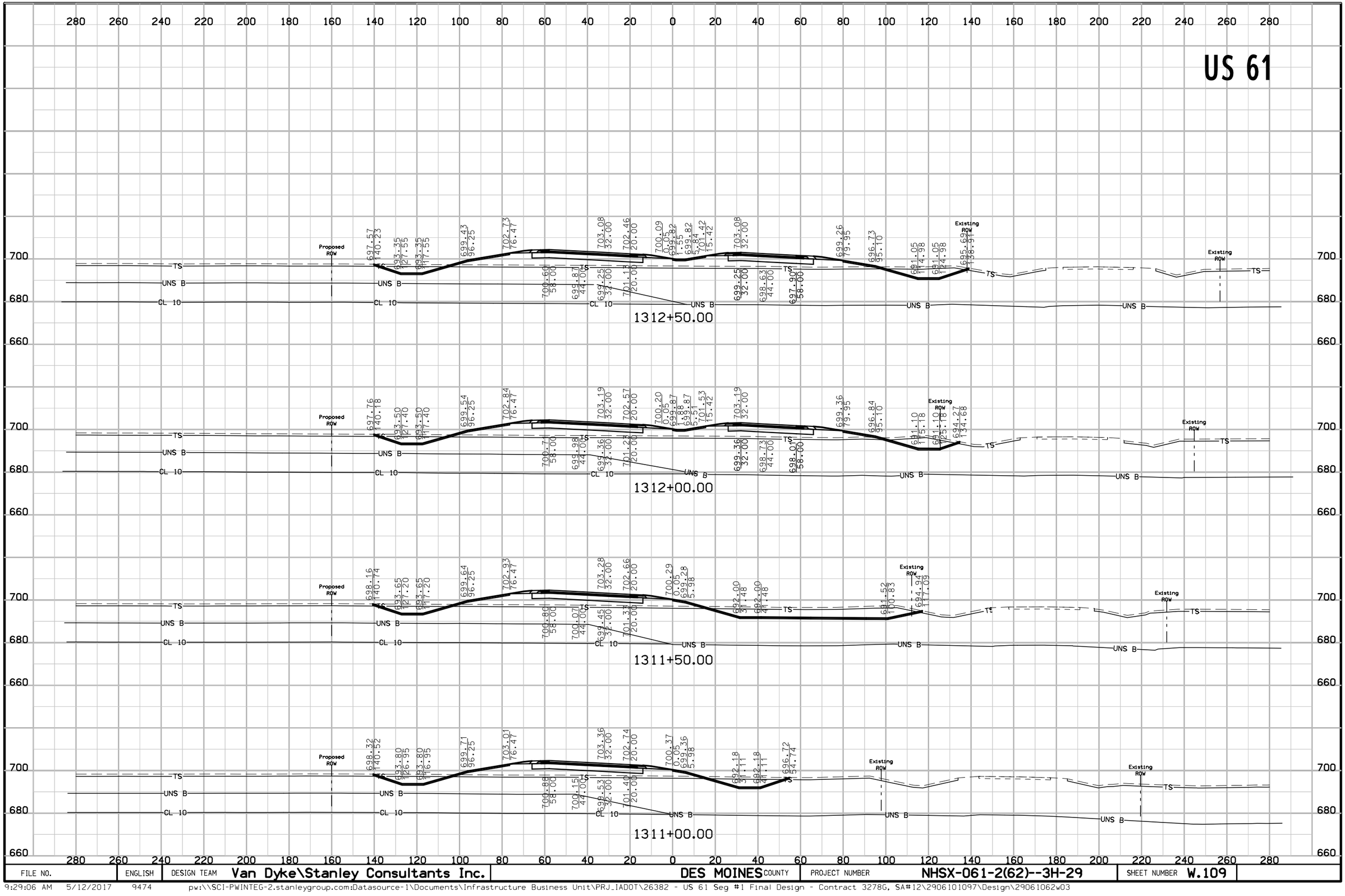
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.107

US 61



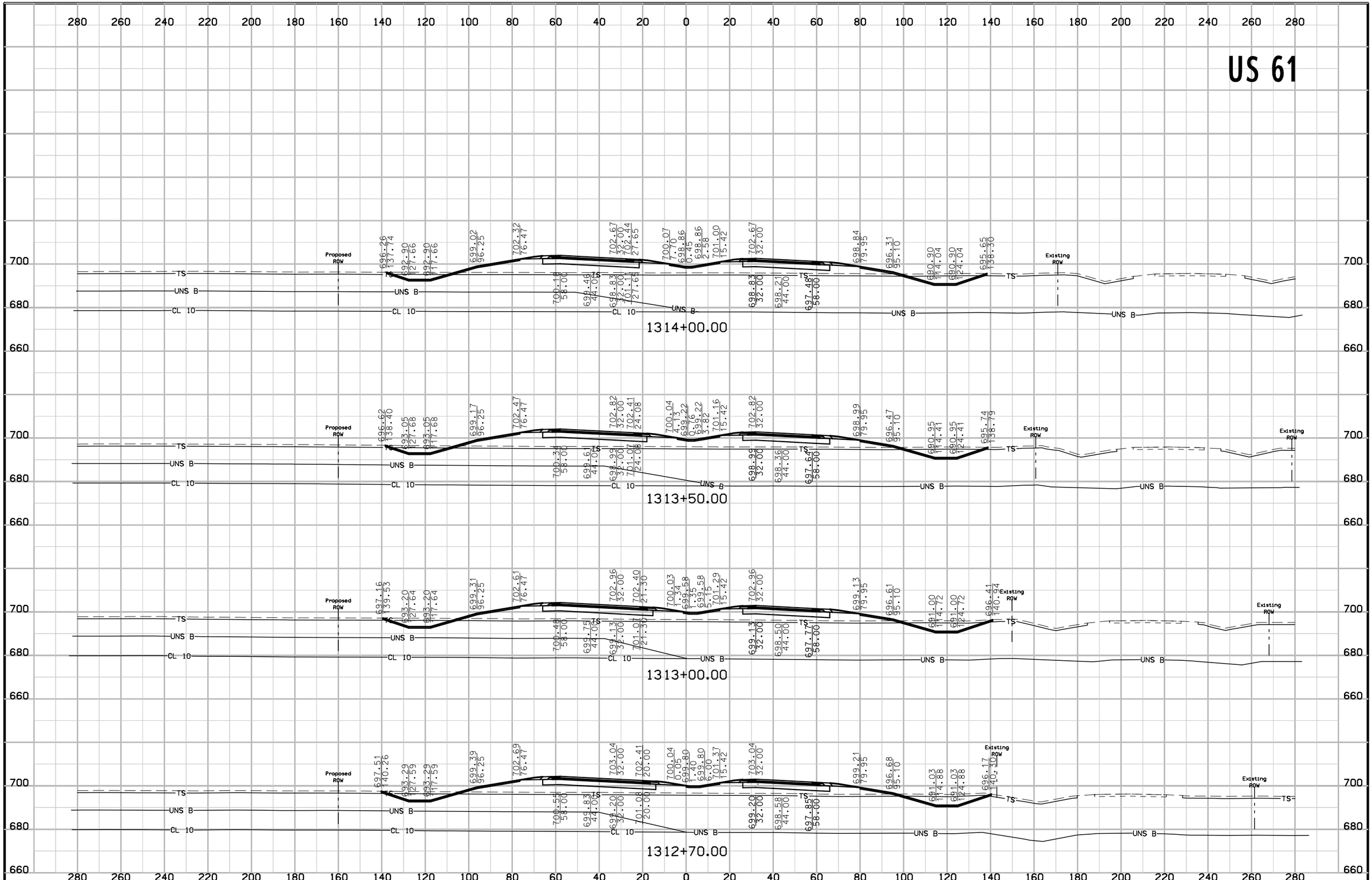
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.108

US 61



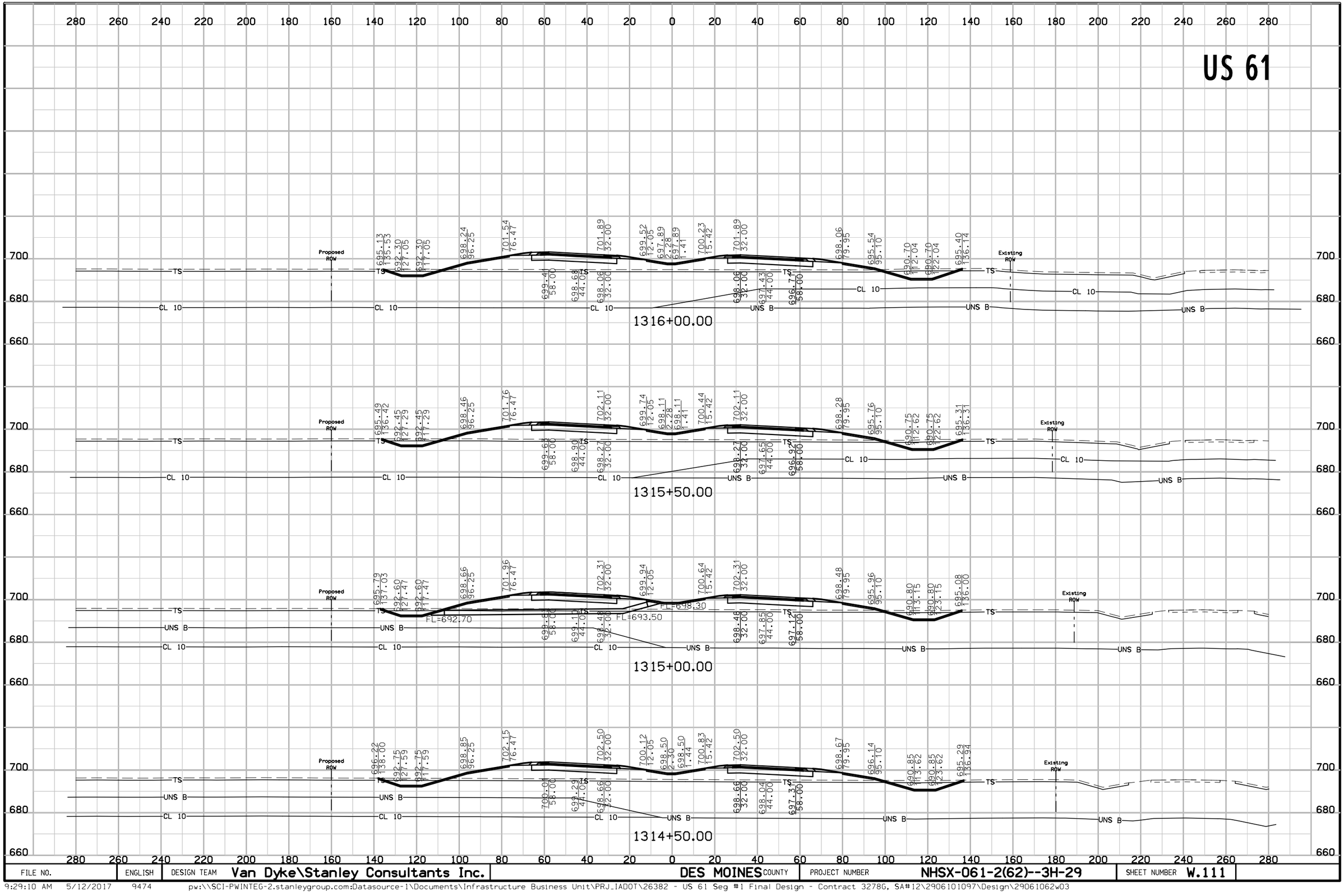
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.109

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.110

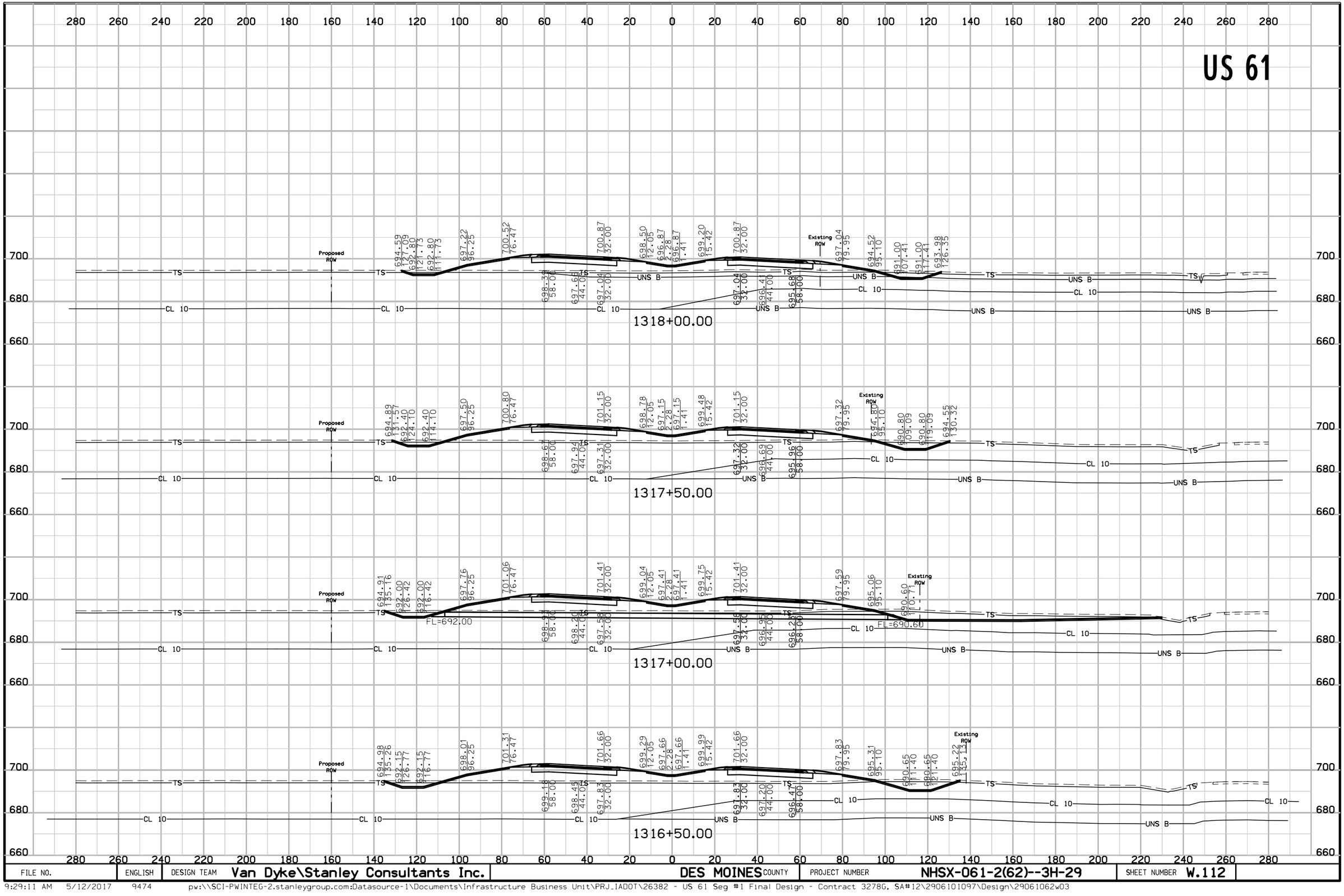
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.111

9:29:10 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

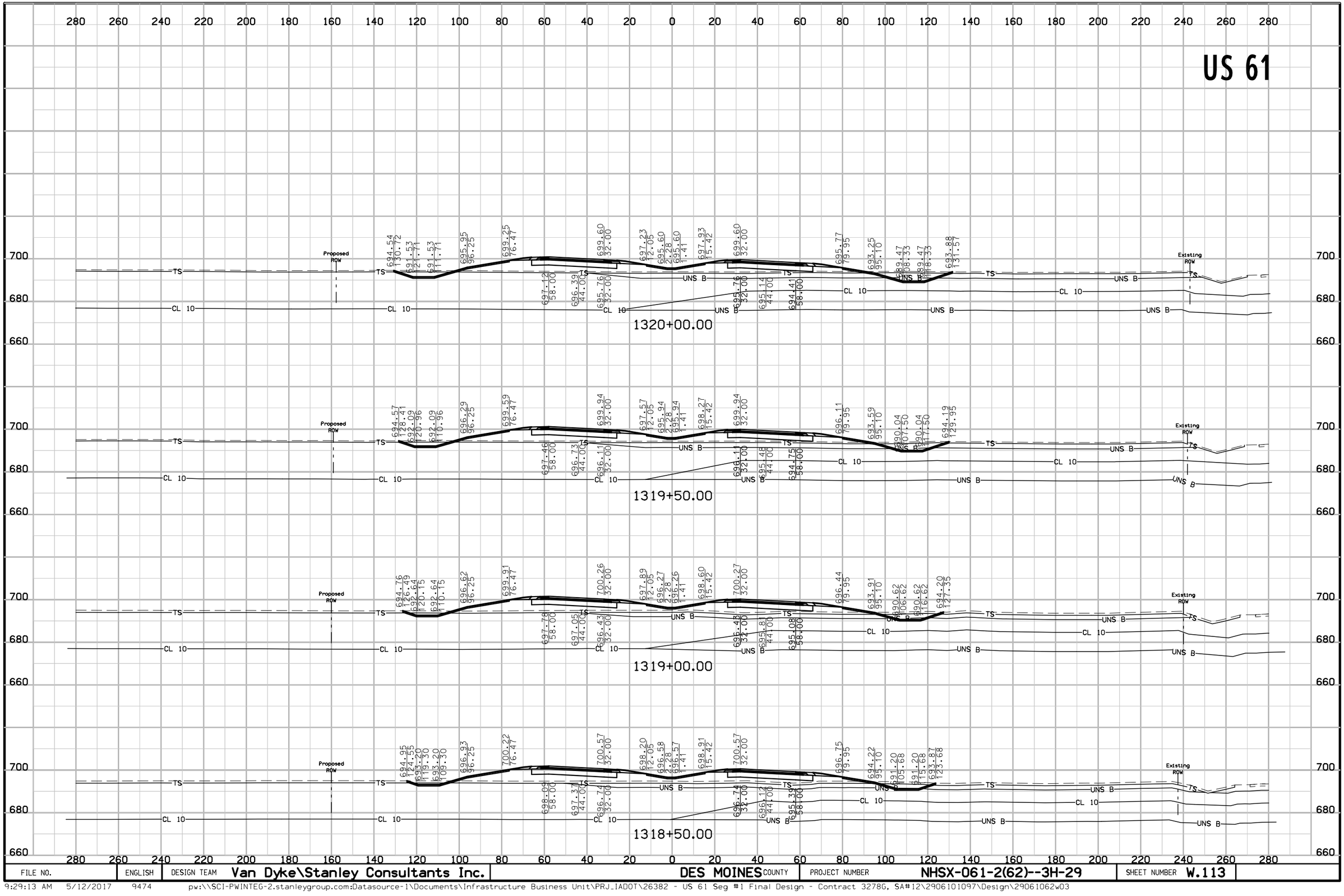
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.112

9:29:11 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

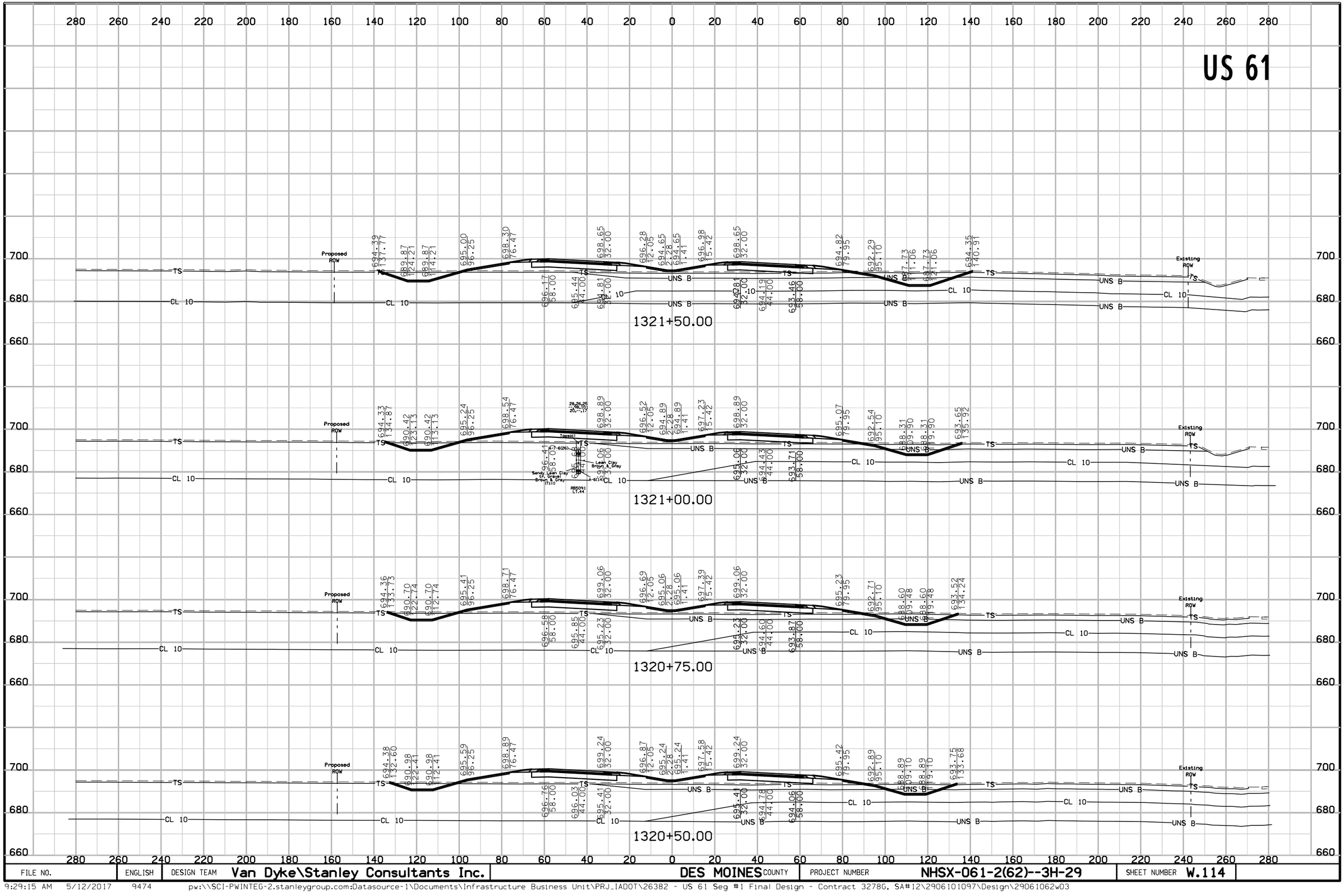
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.113

9:29:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

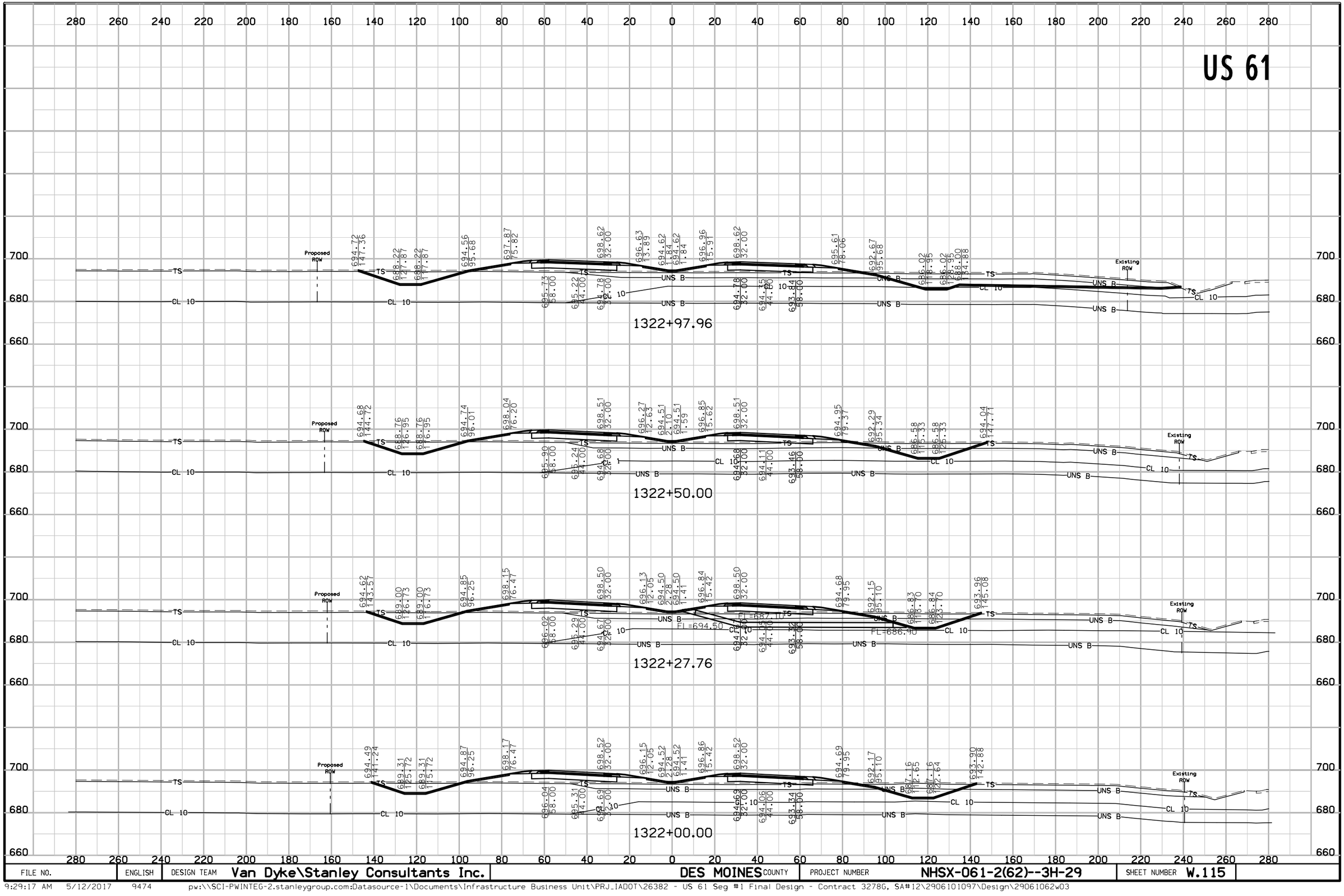
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.114

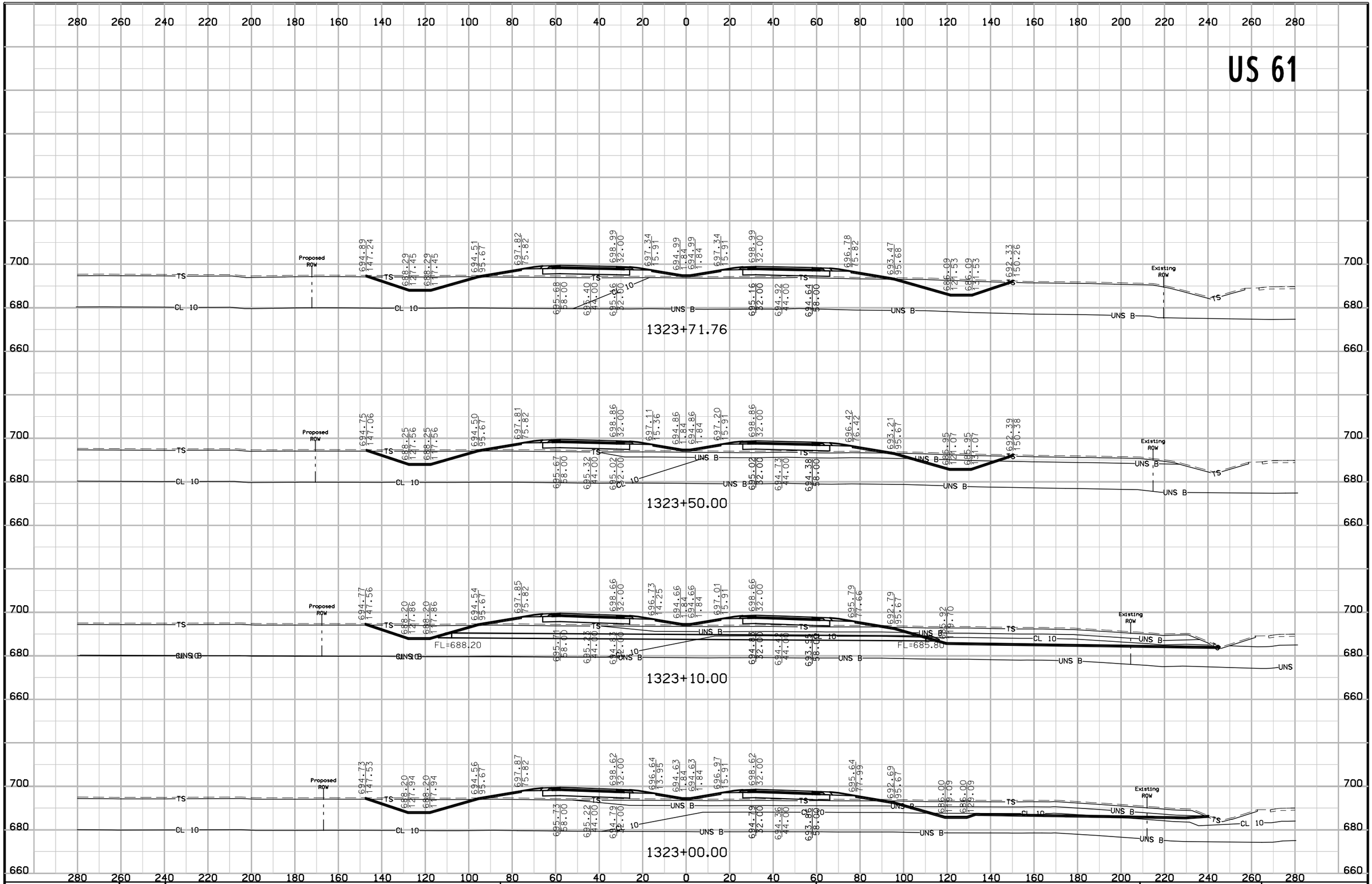
9:29:15 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



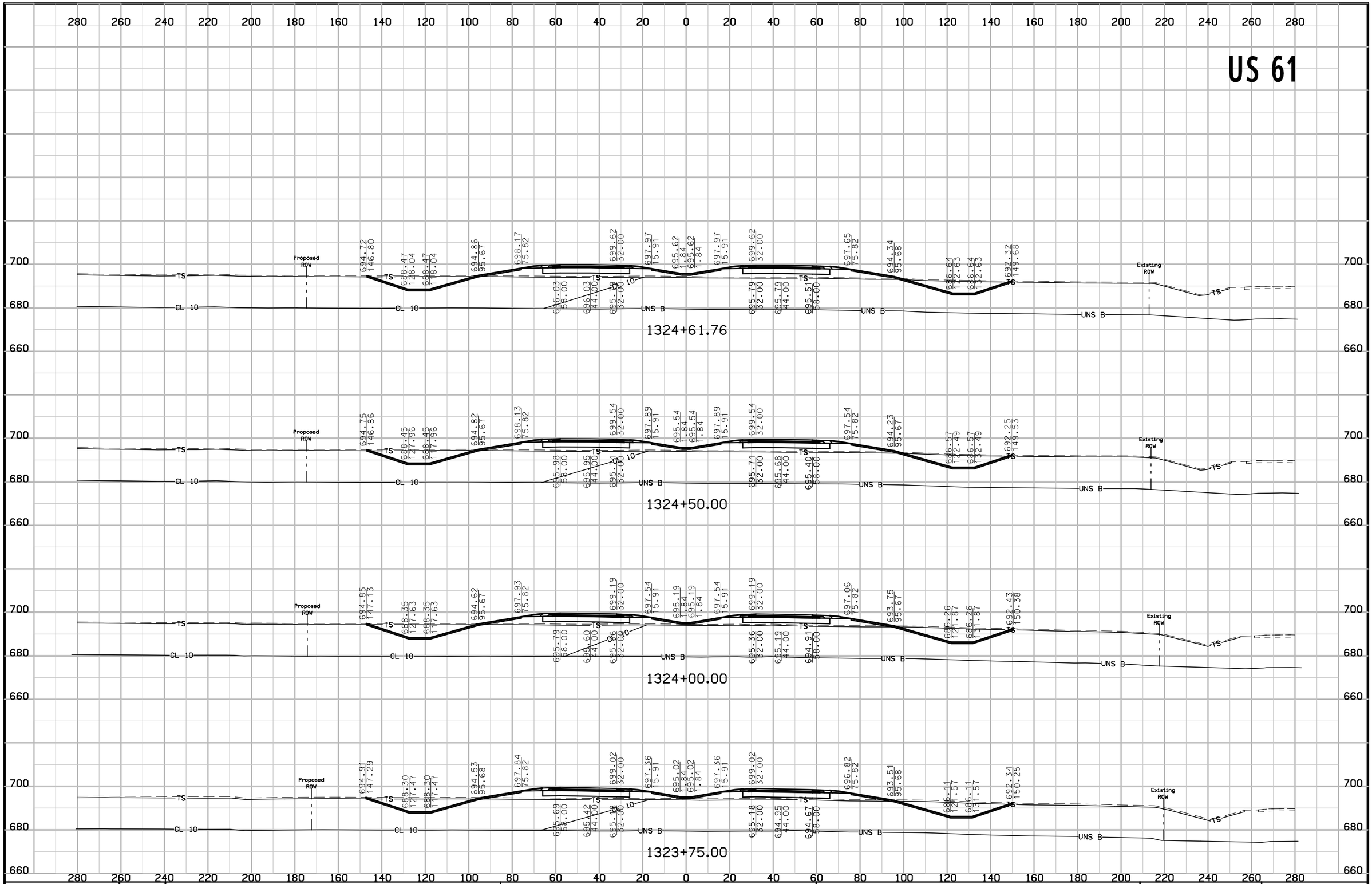
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.115

US 61



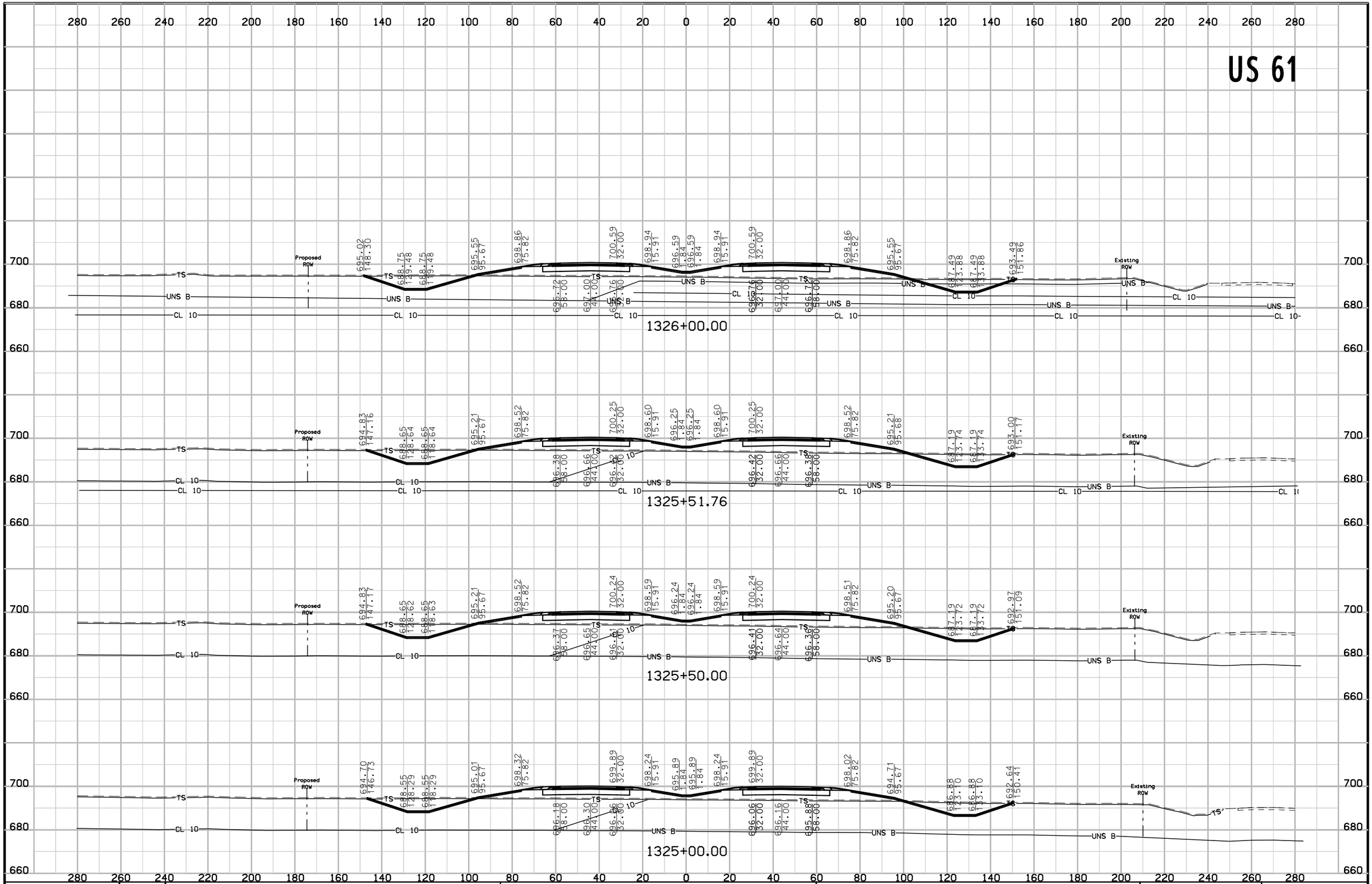
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.116

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.117

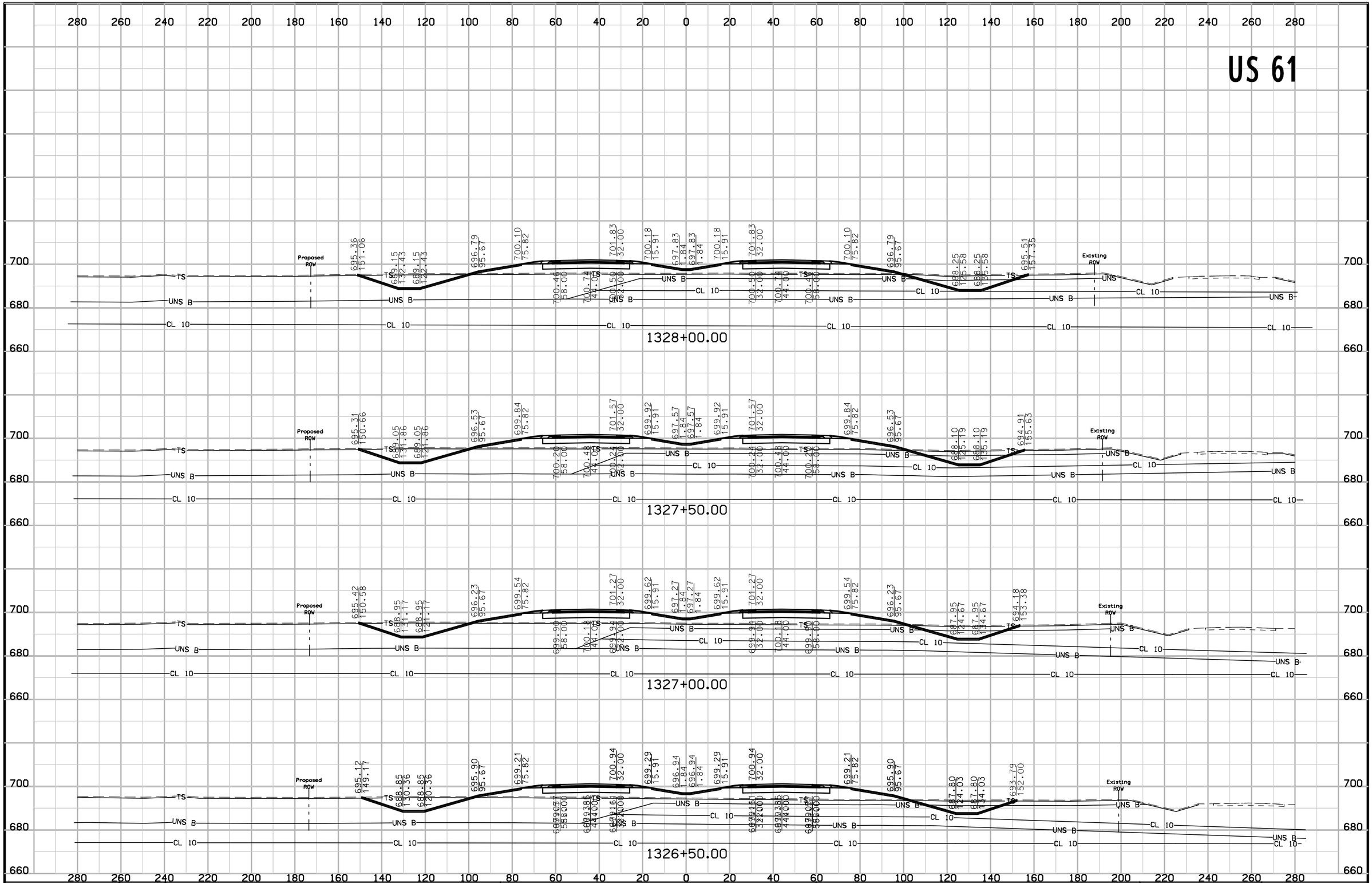
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.118

9:29:22 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

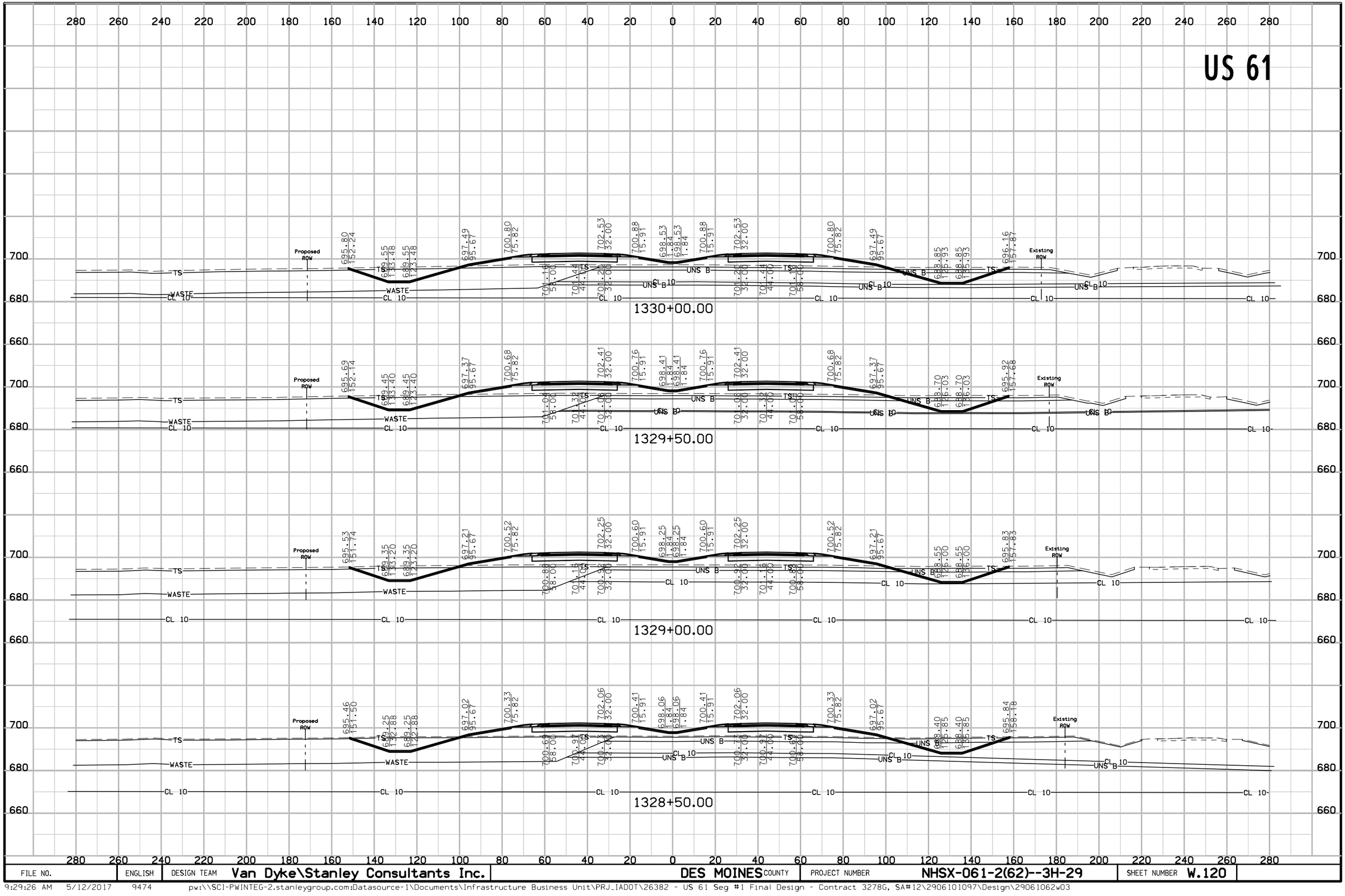
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.119

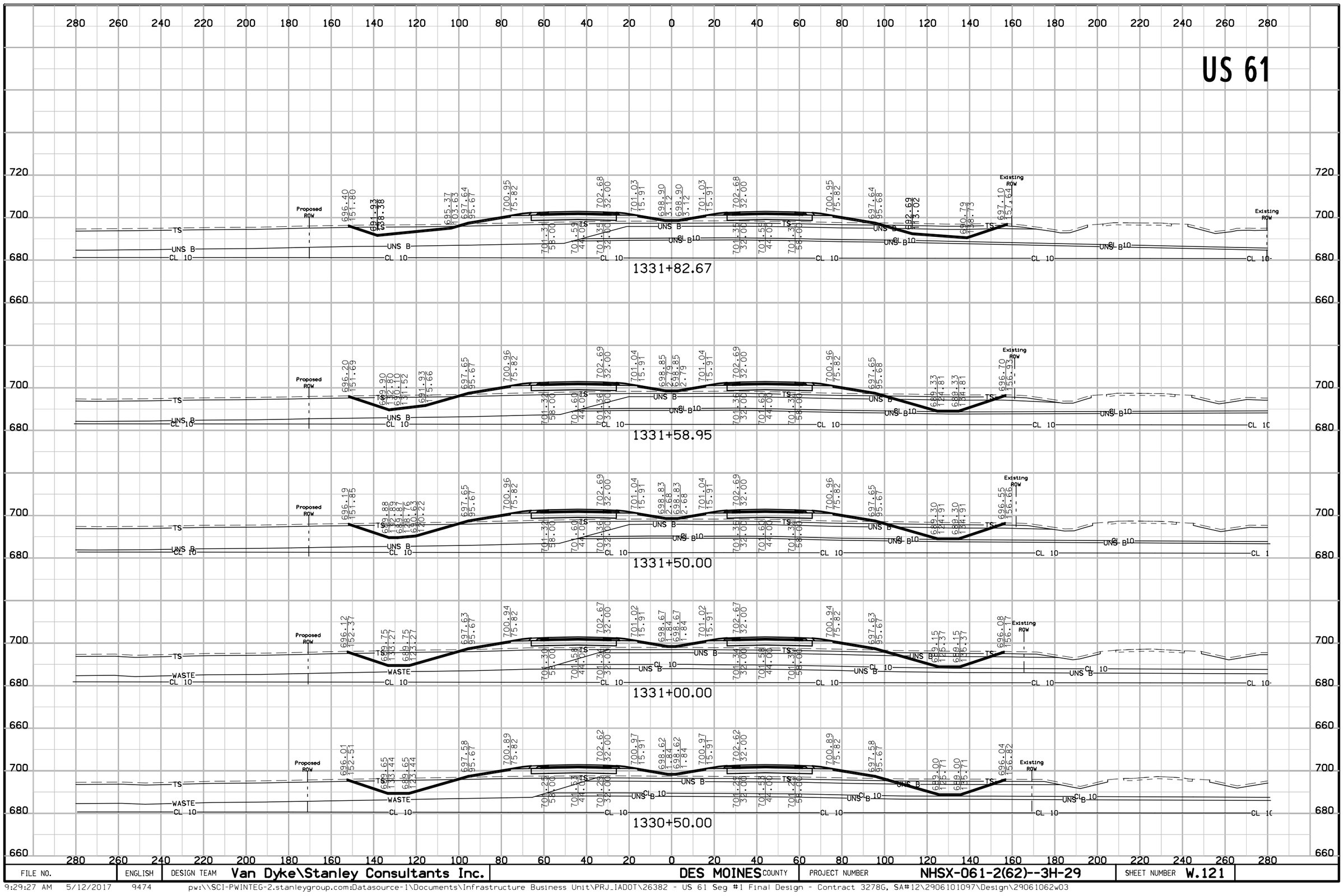
9:29:24 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



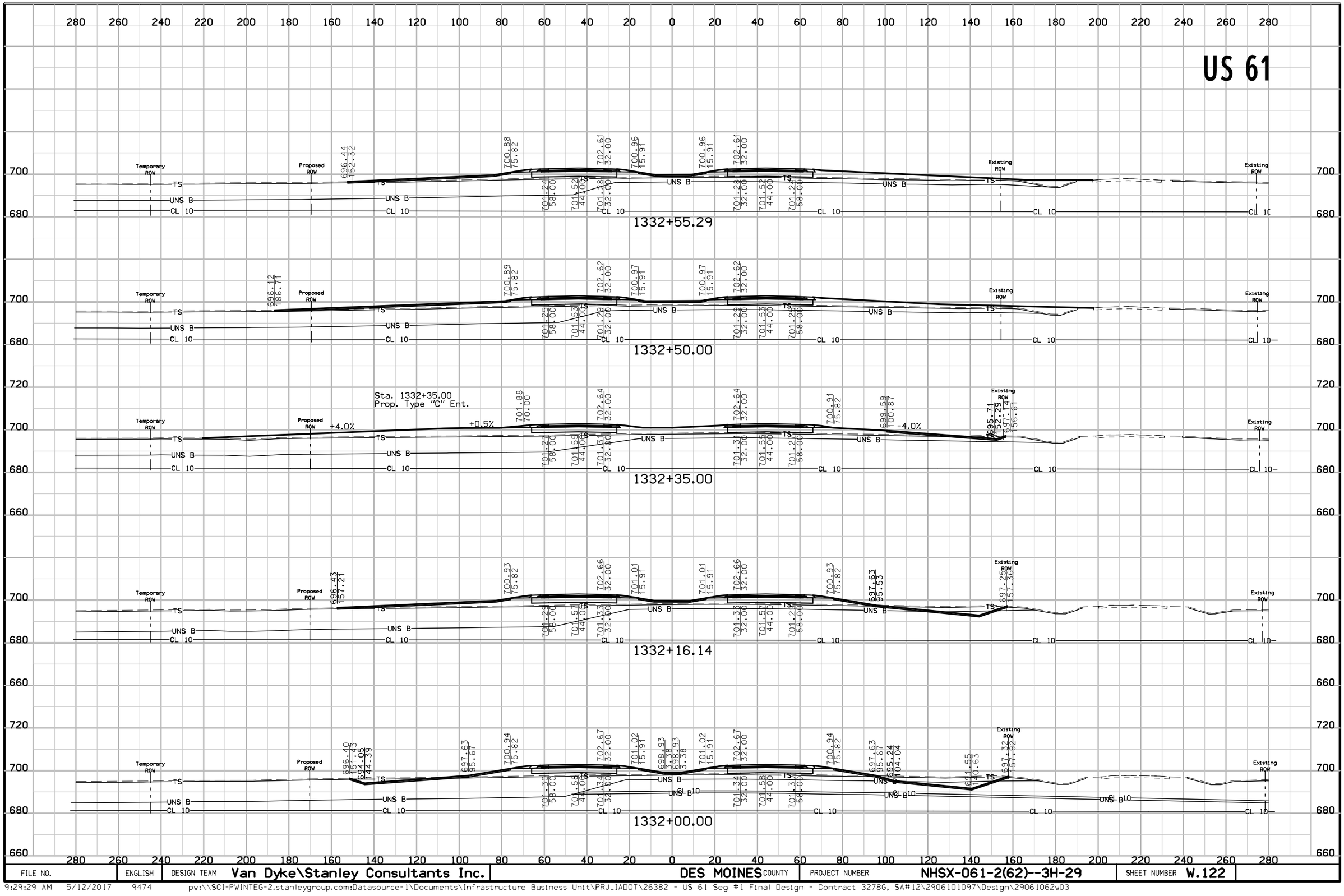
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.120

US 61



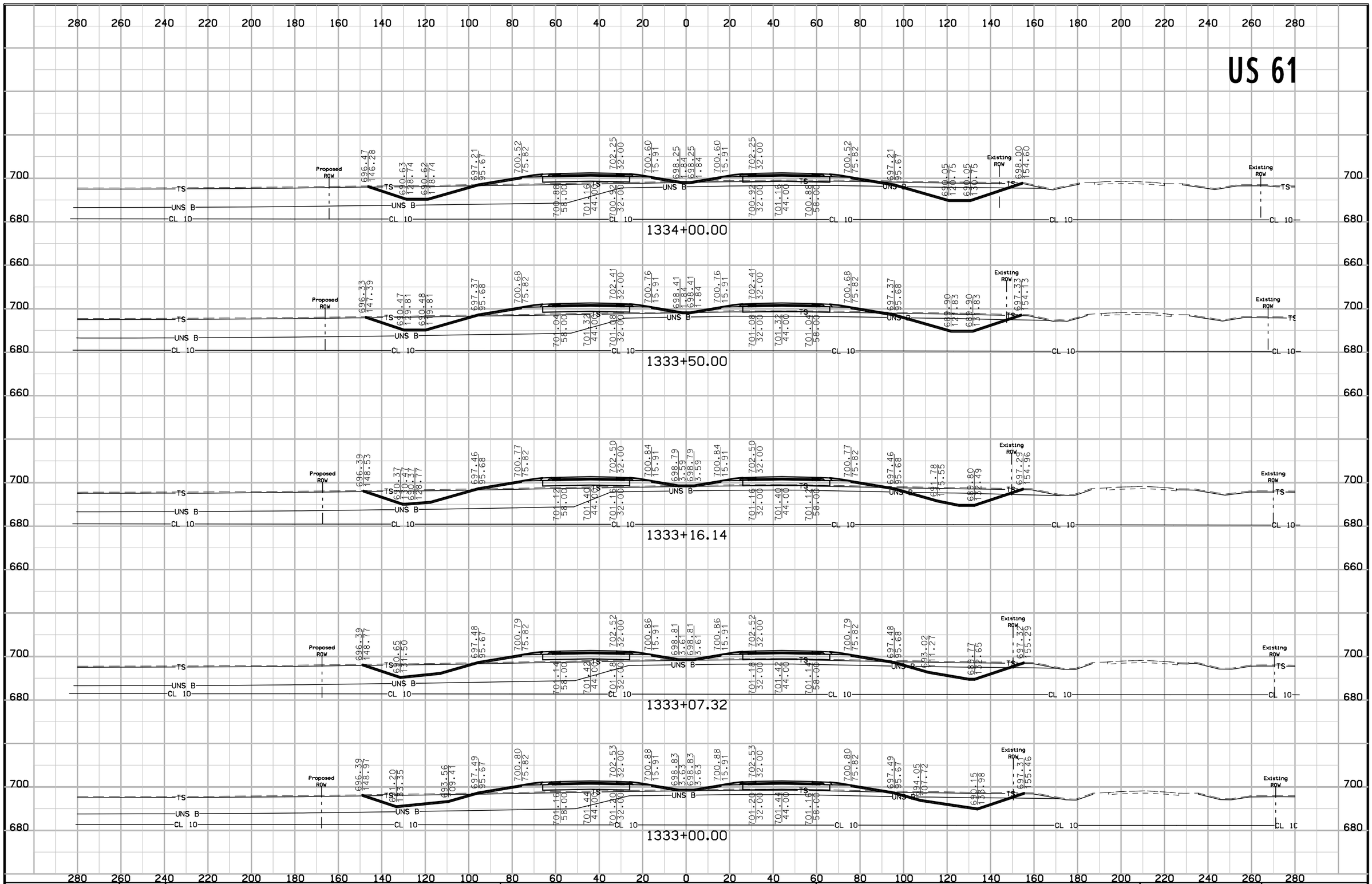
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.121

US 61



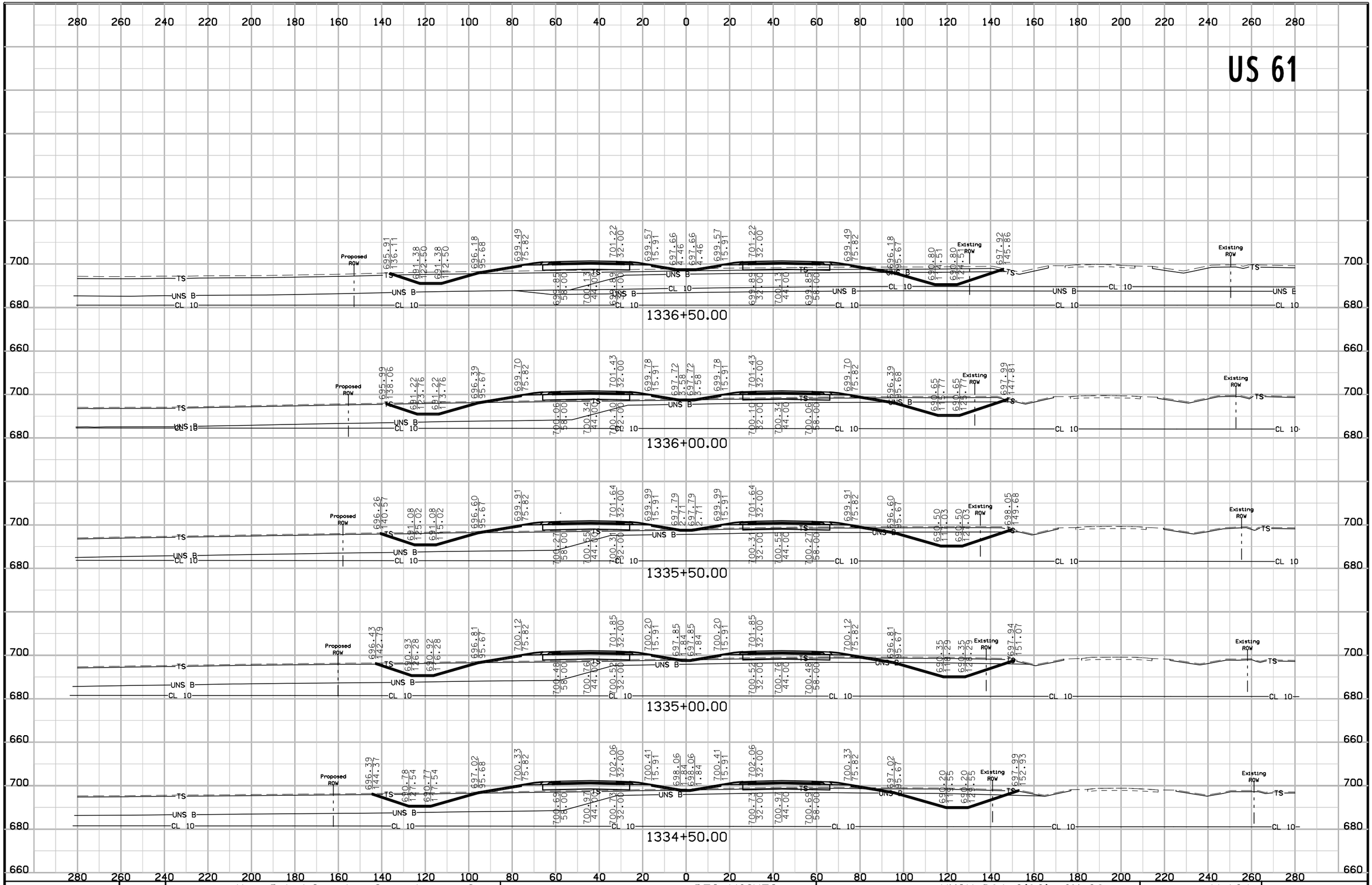
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.122

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.123

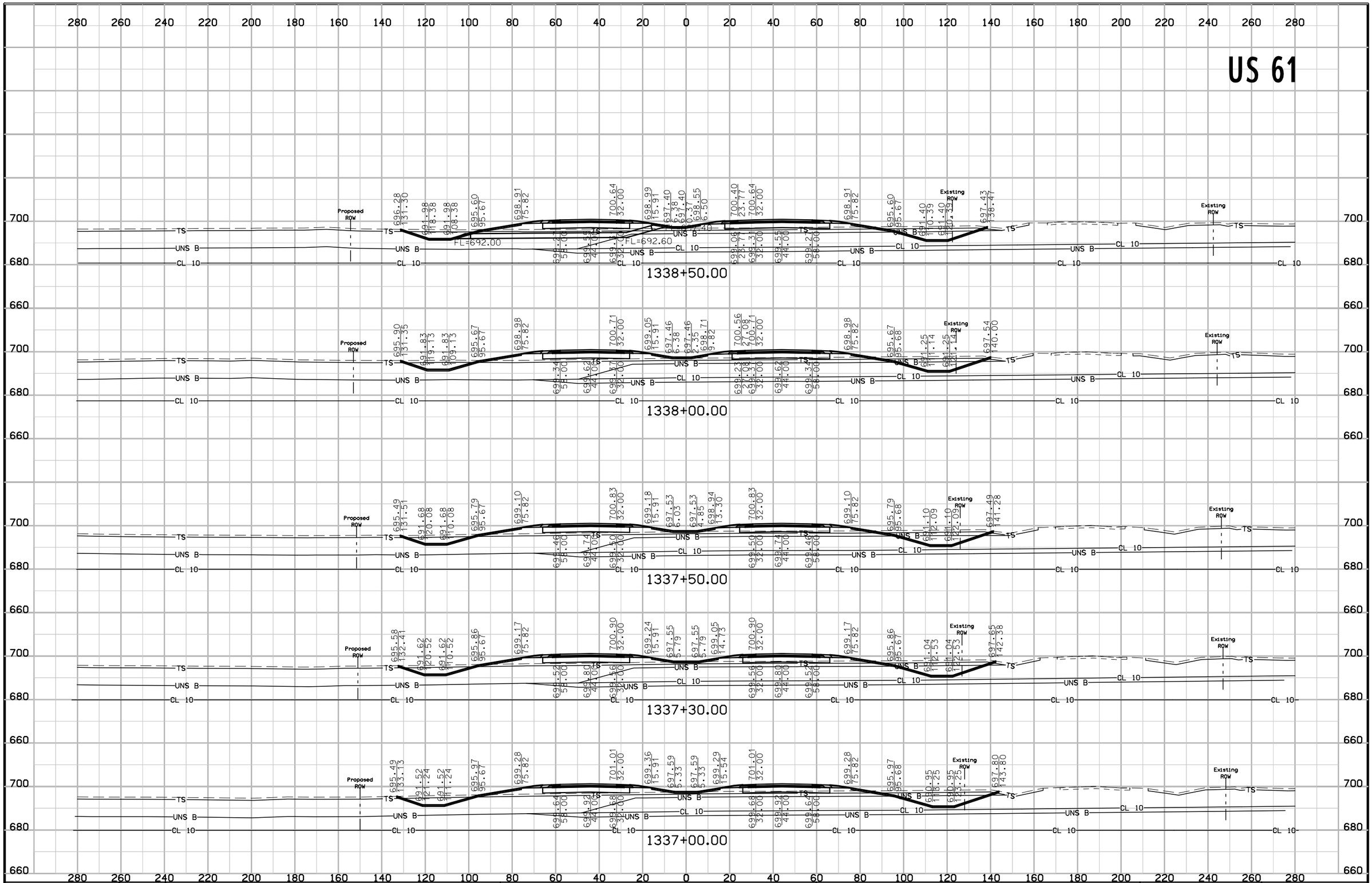
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.124

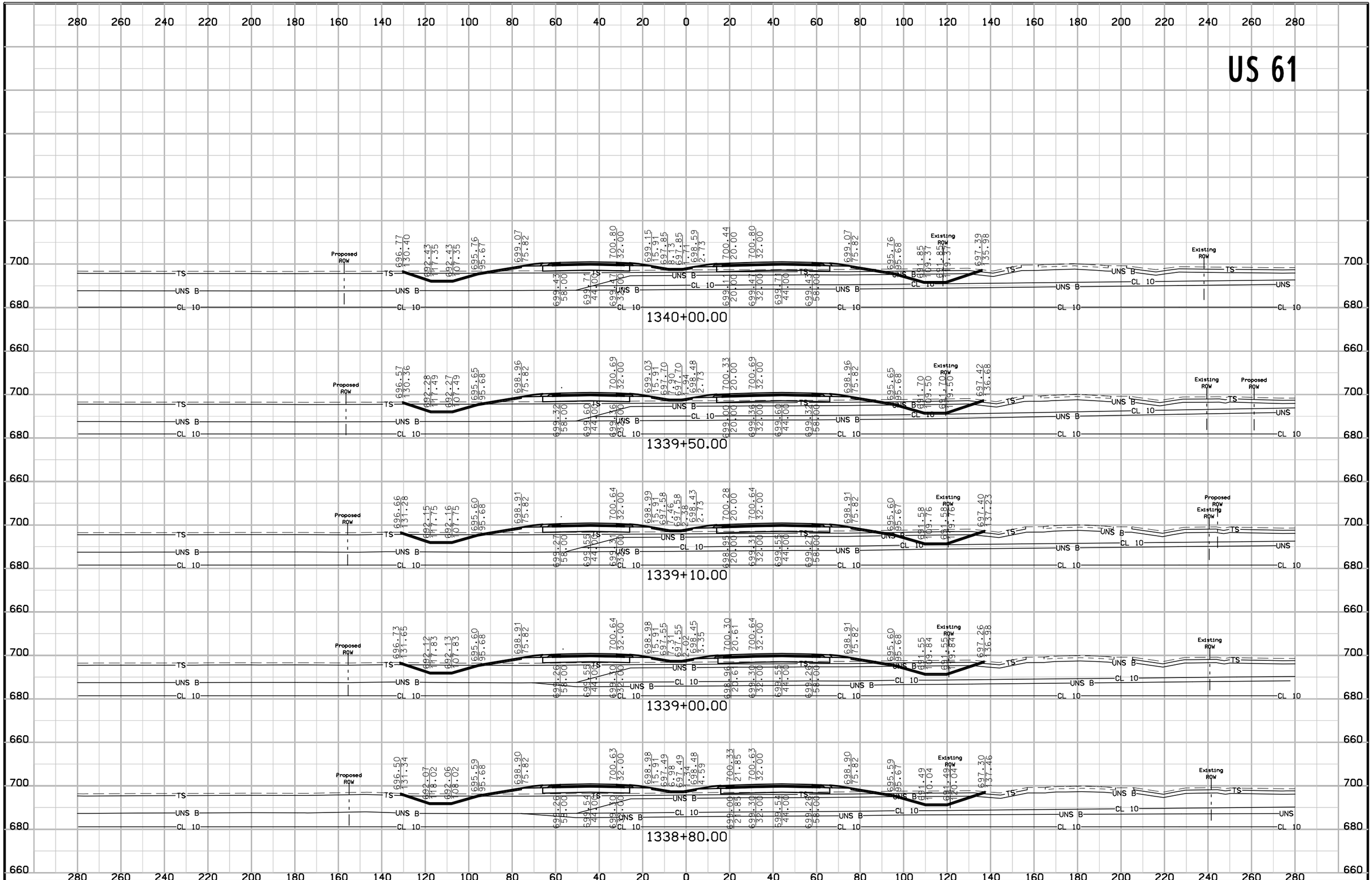
9:29:33 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.125

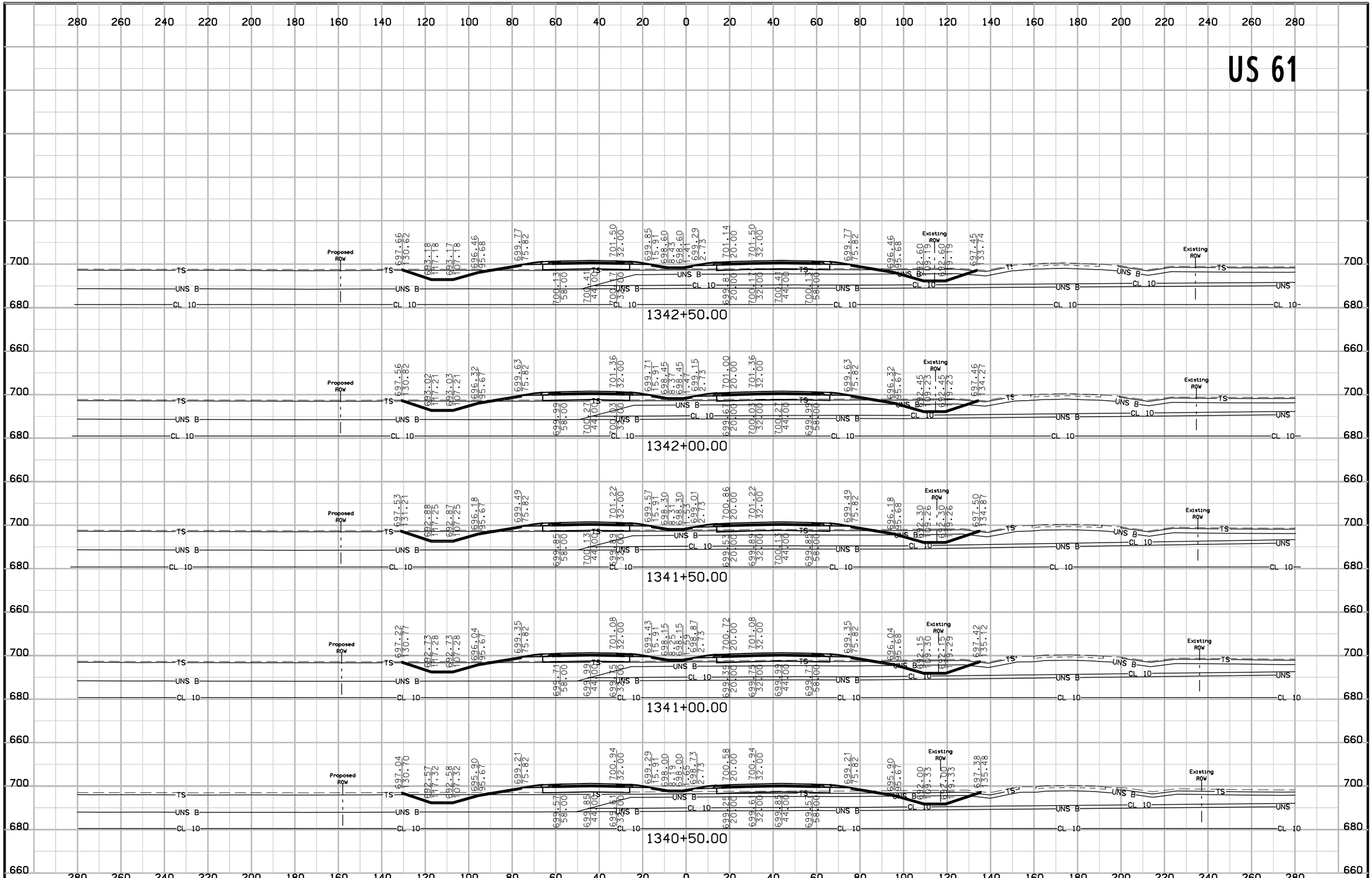
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.126

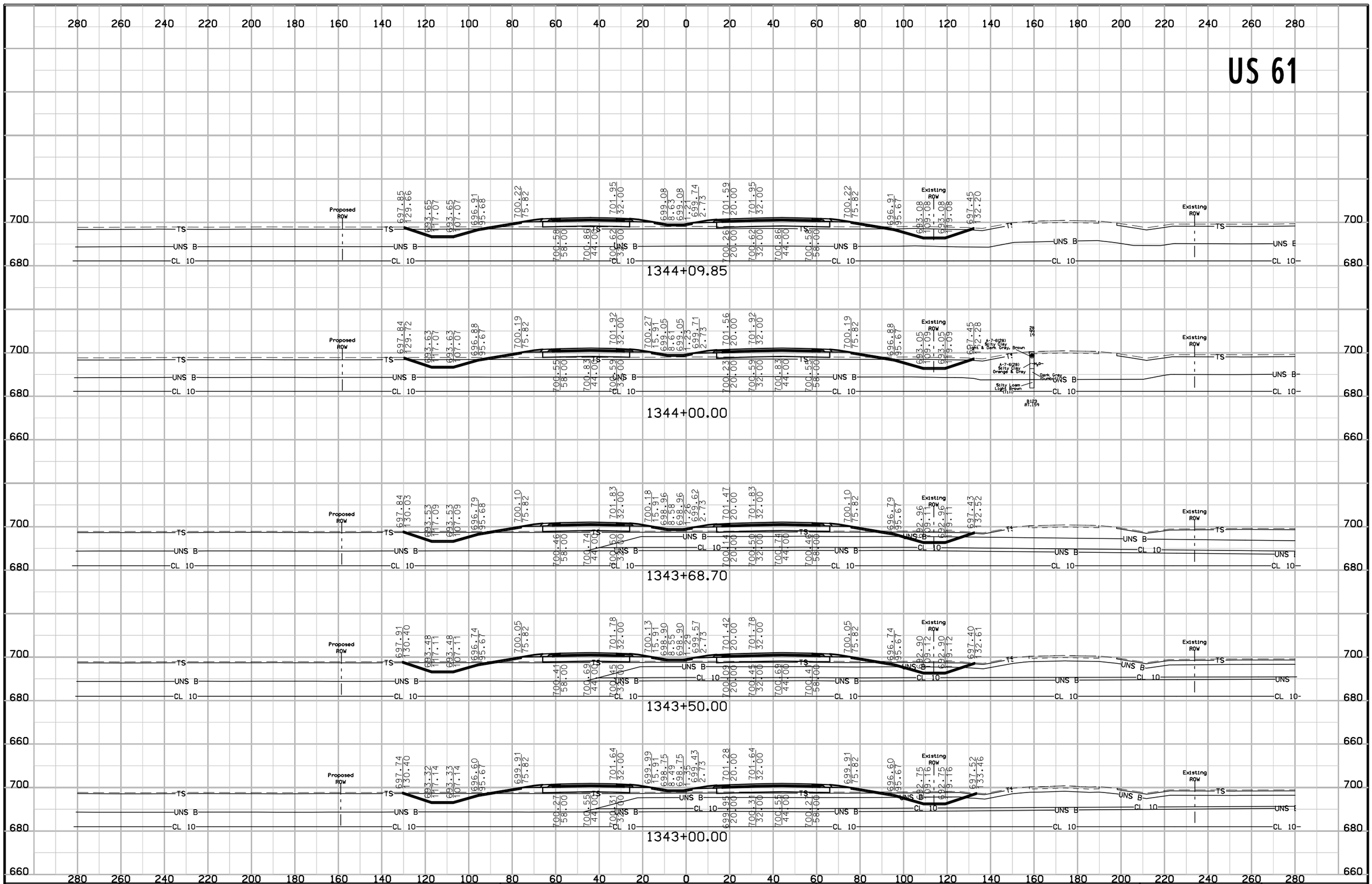
9:29:36 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w03

US 61



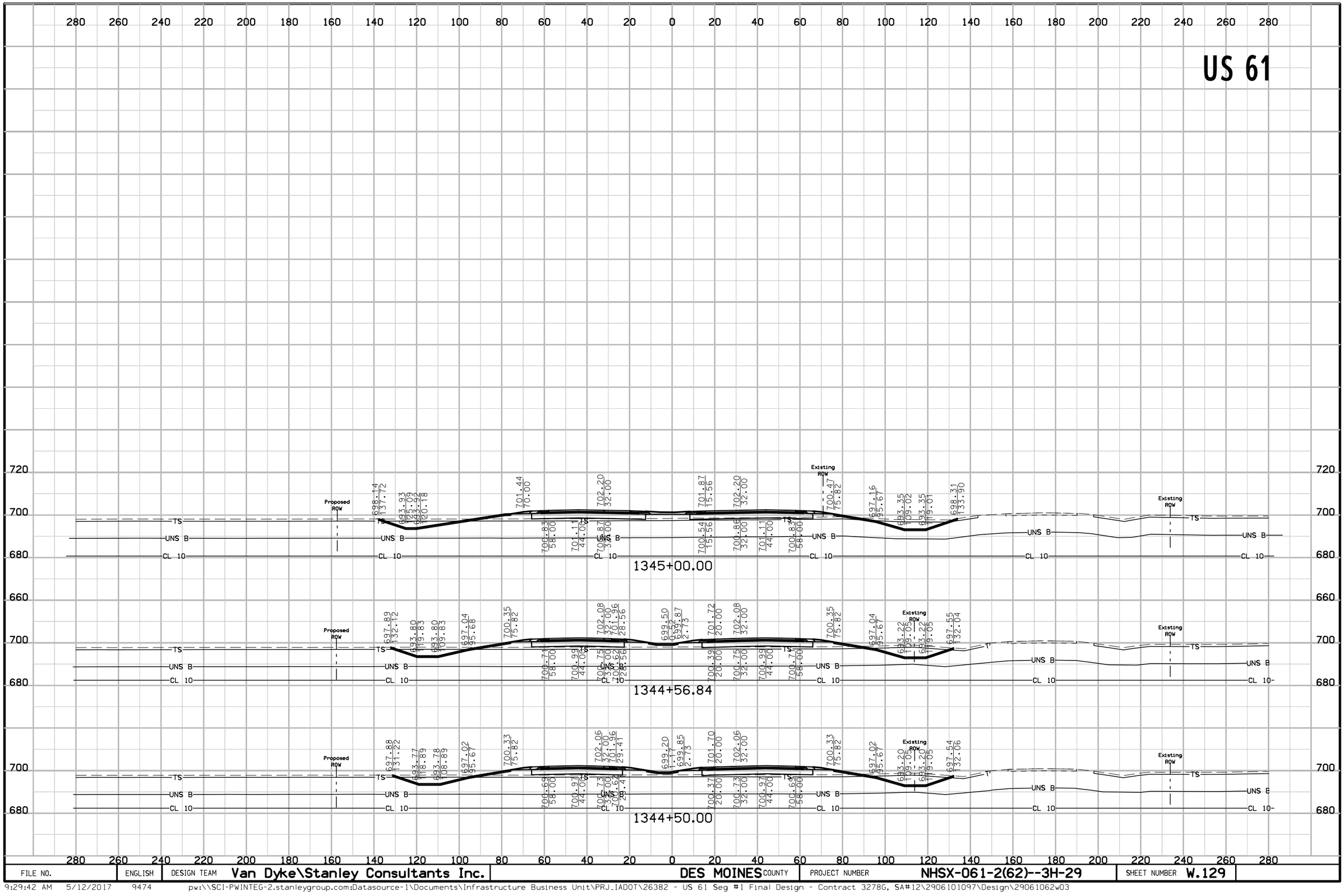
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.127

US 61



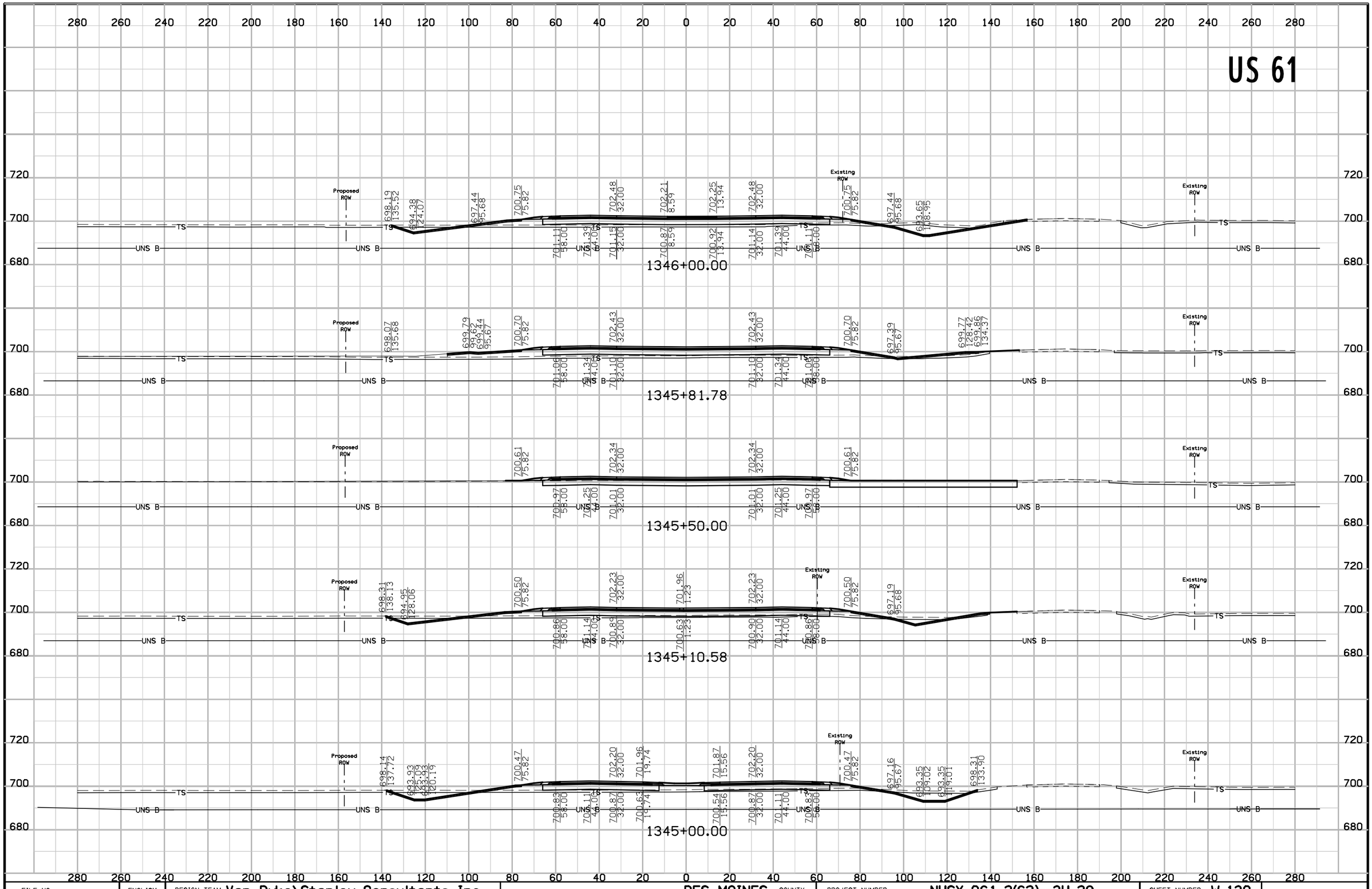
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.128

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.129

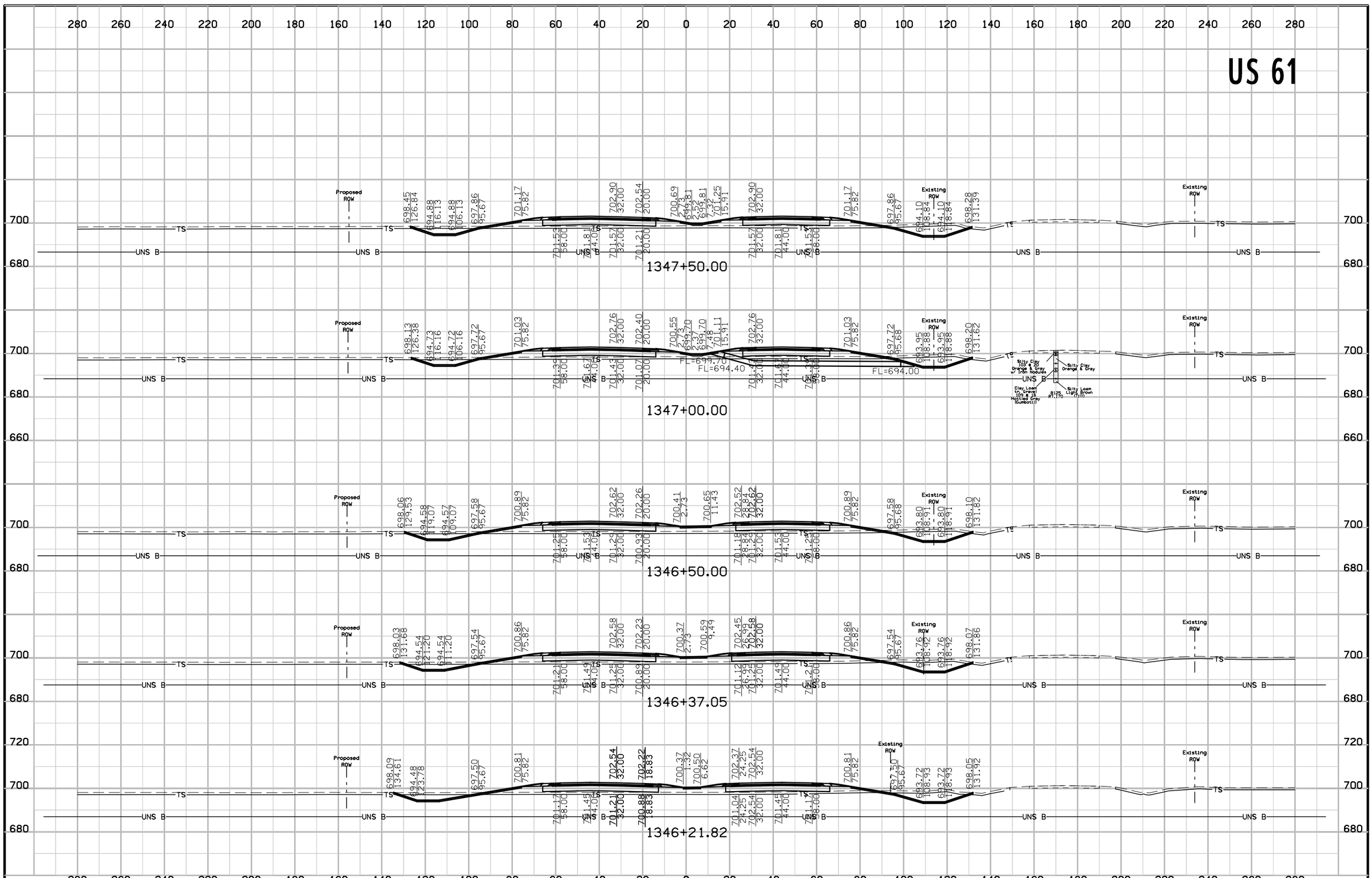
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.130

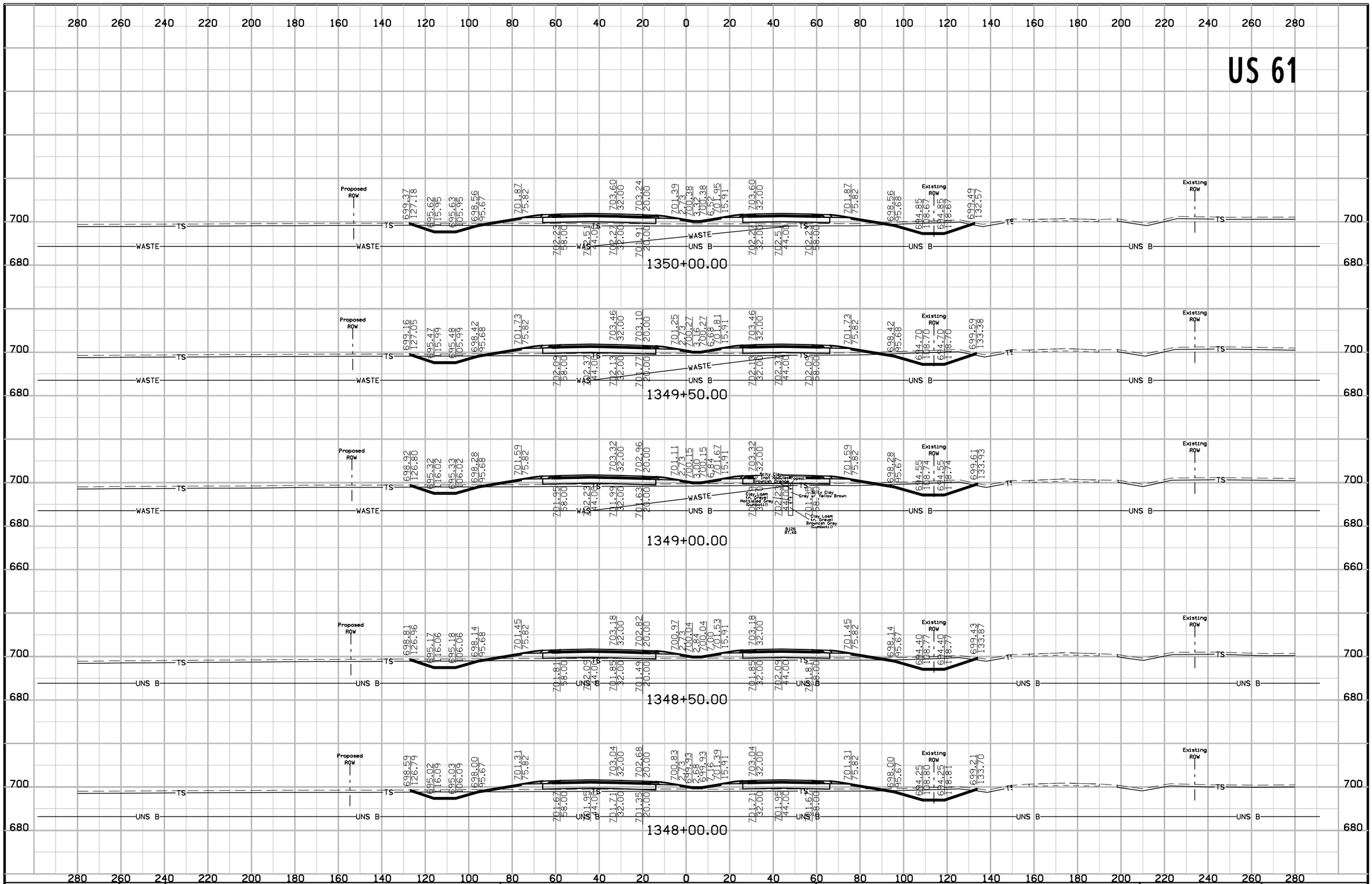
9:29:46 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.131

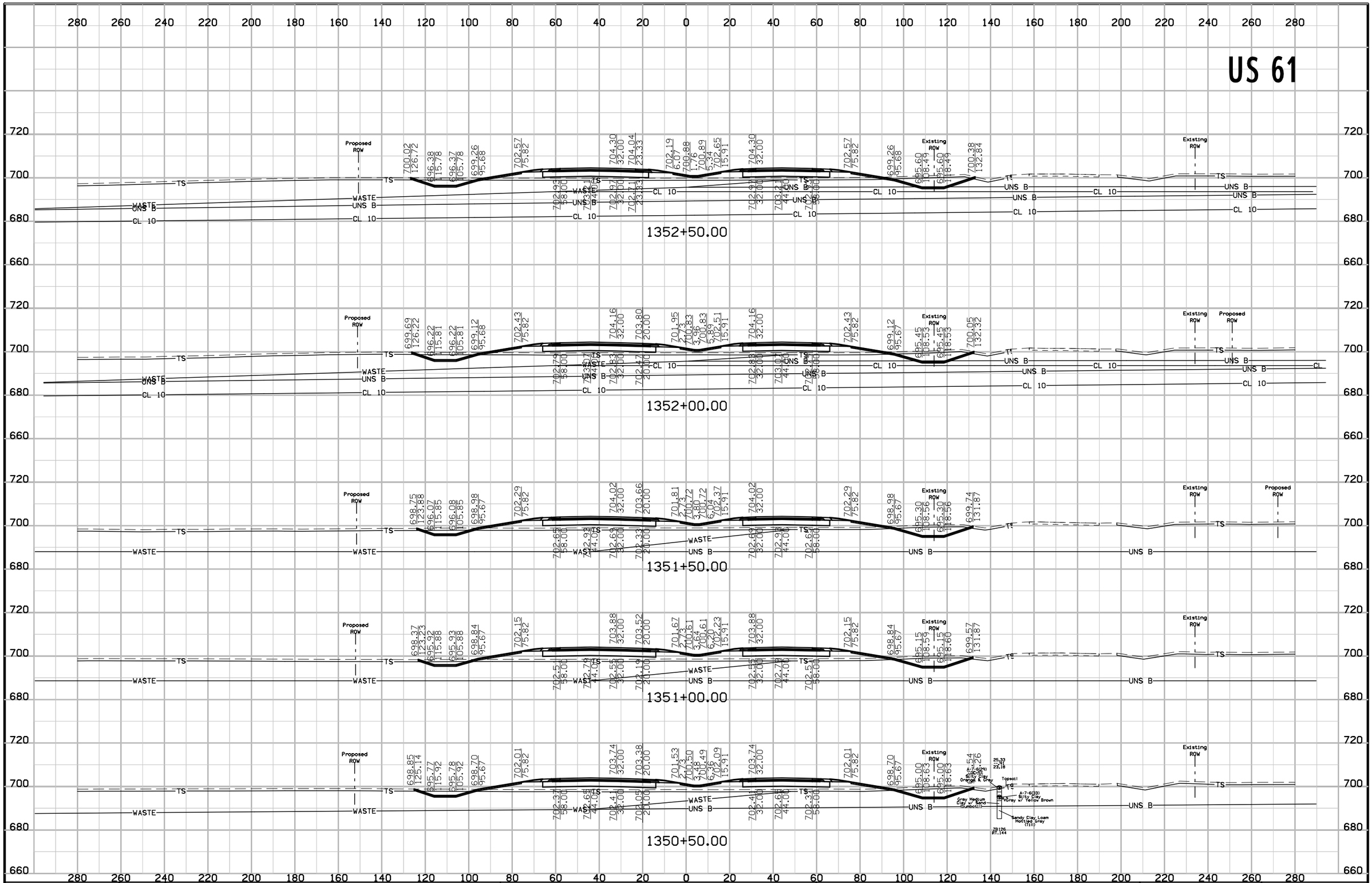
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.132

9:29:49 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

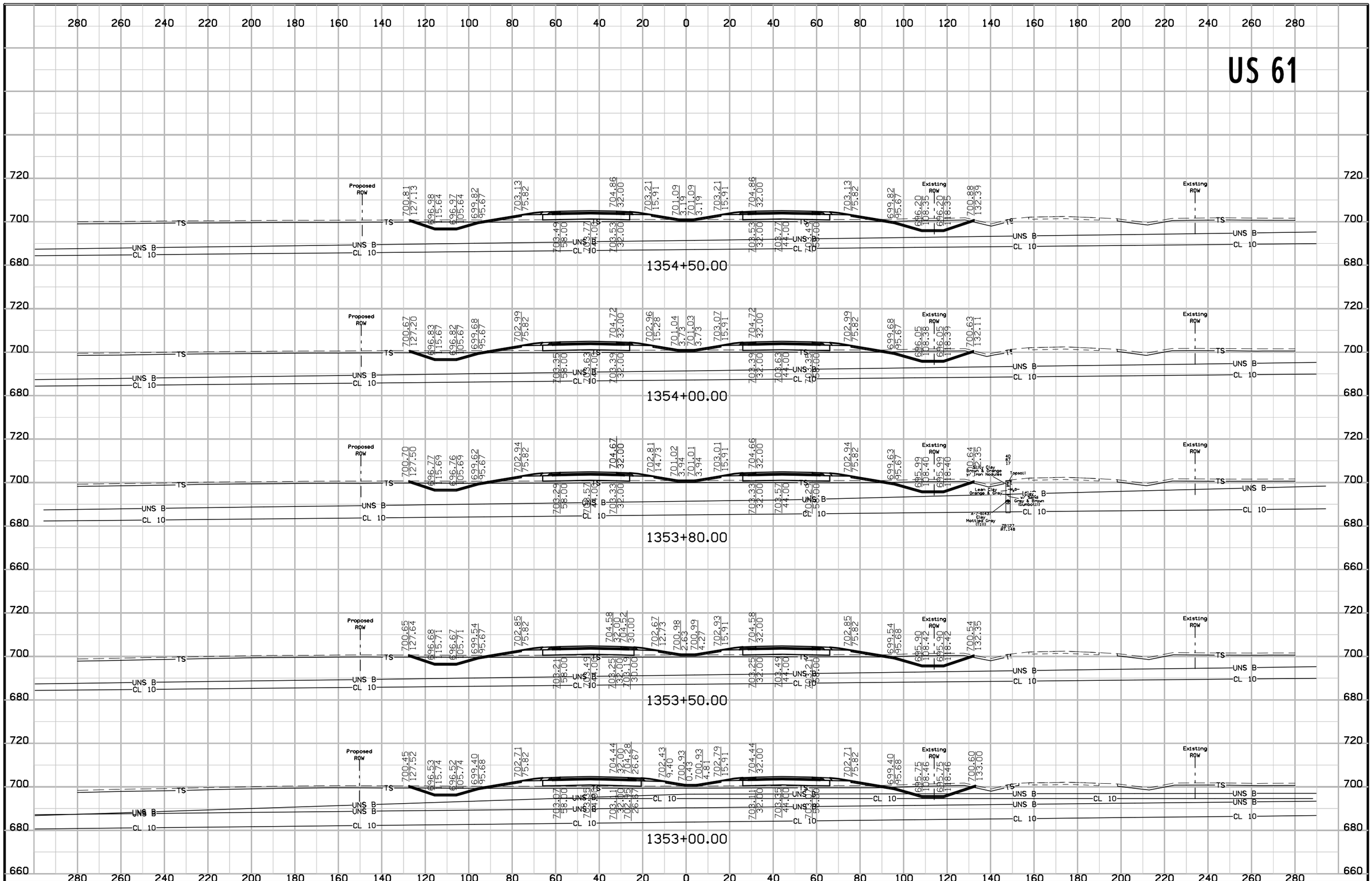
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.133

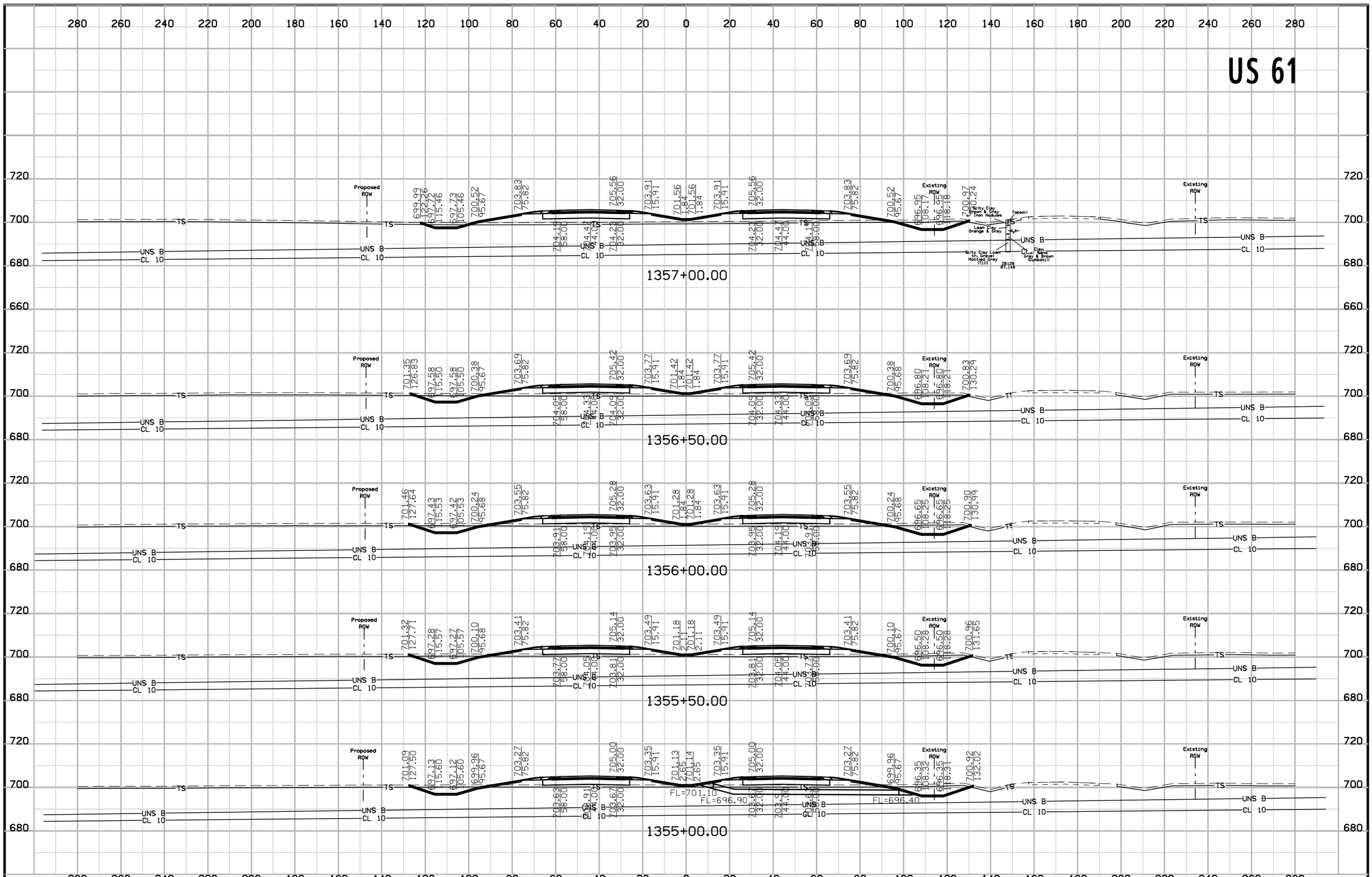
9:29:51 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



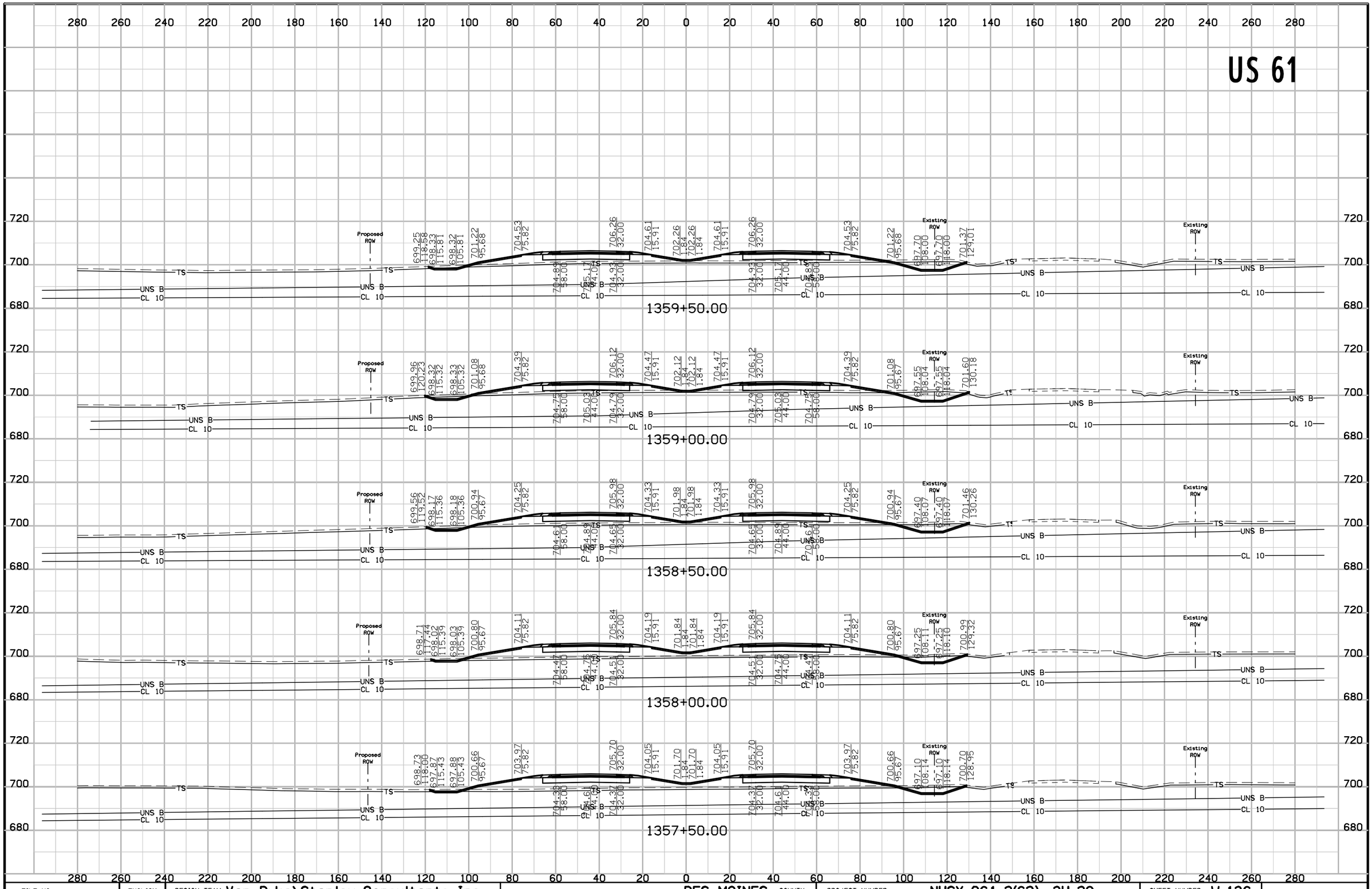
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.134

US 61



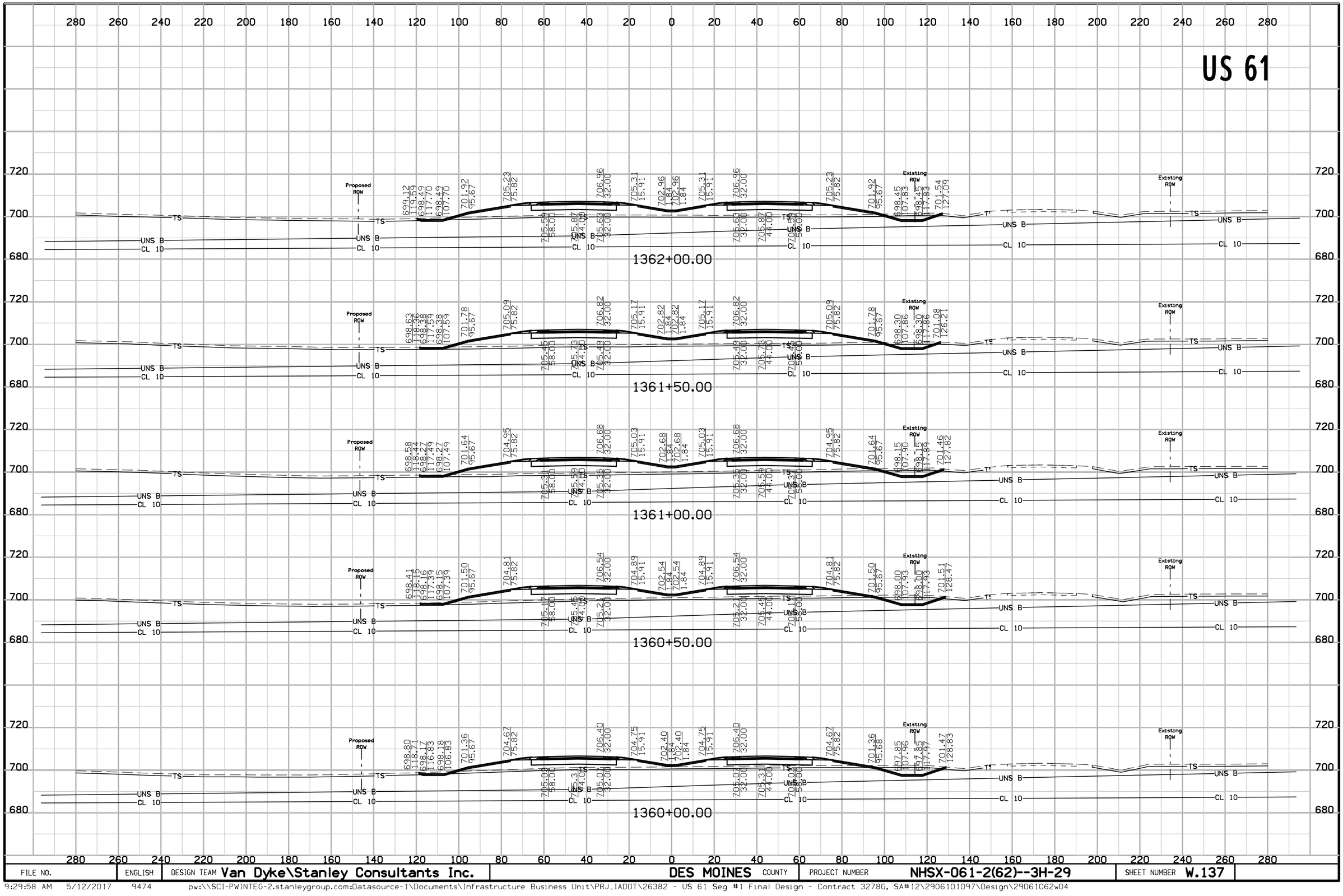
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.135

US 61



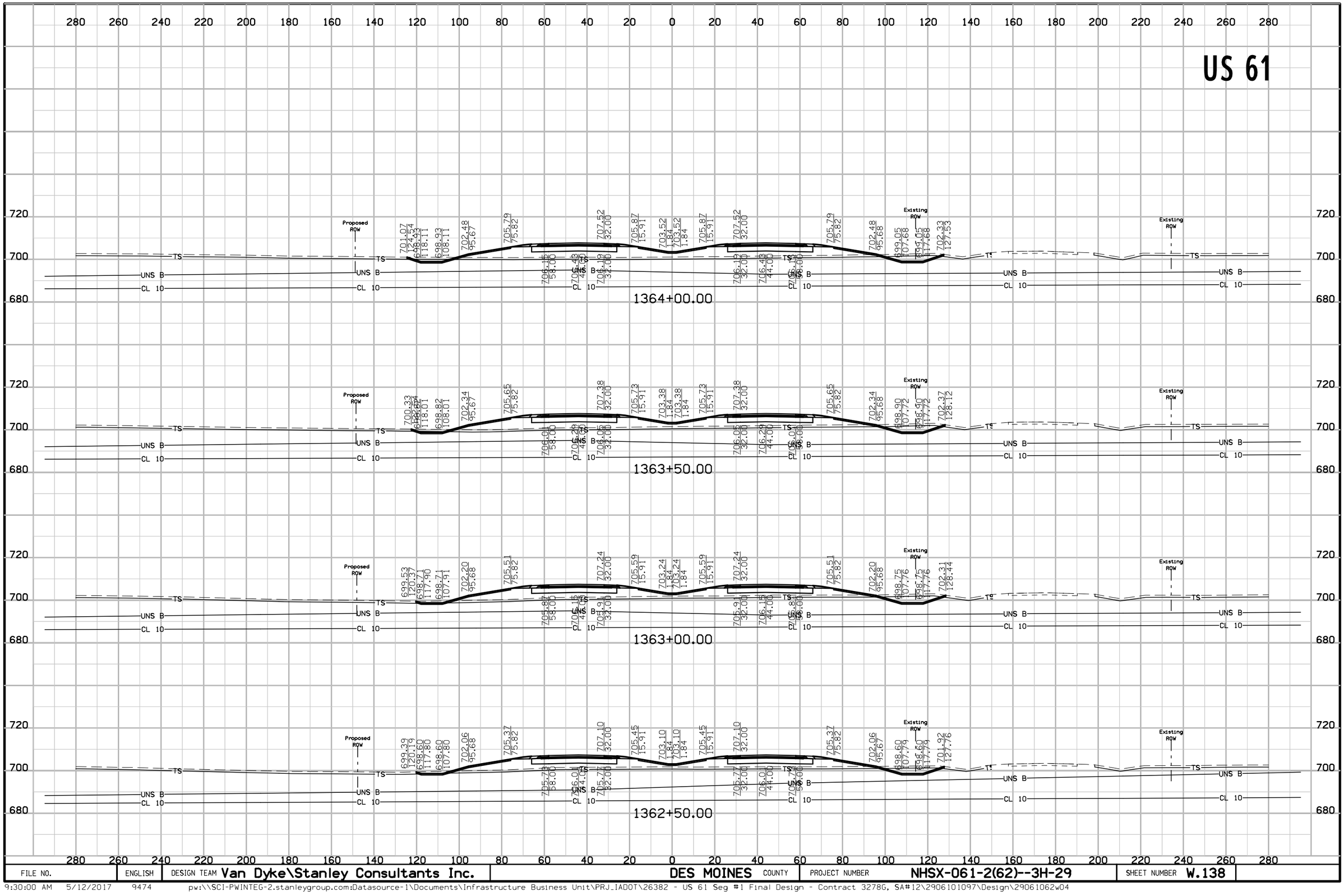
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.136

US 61



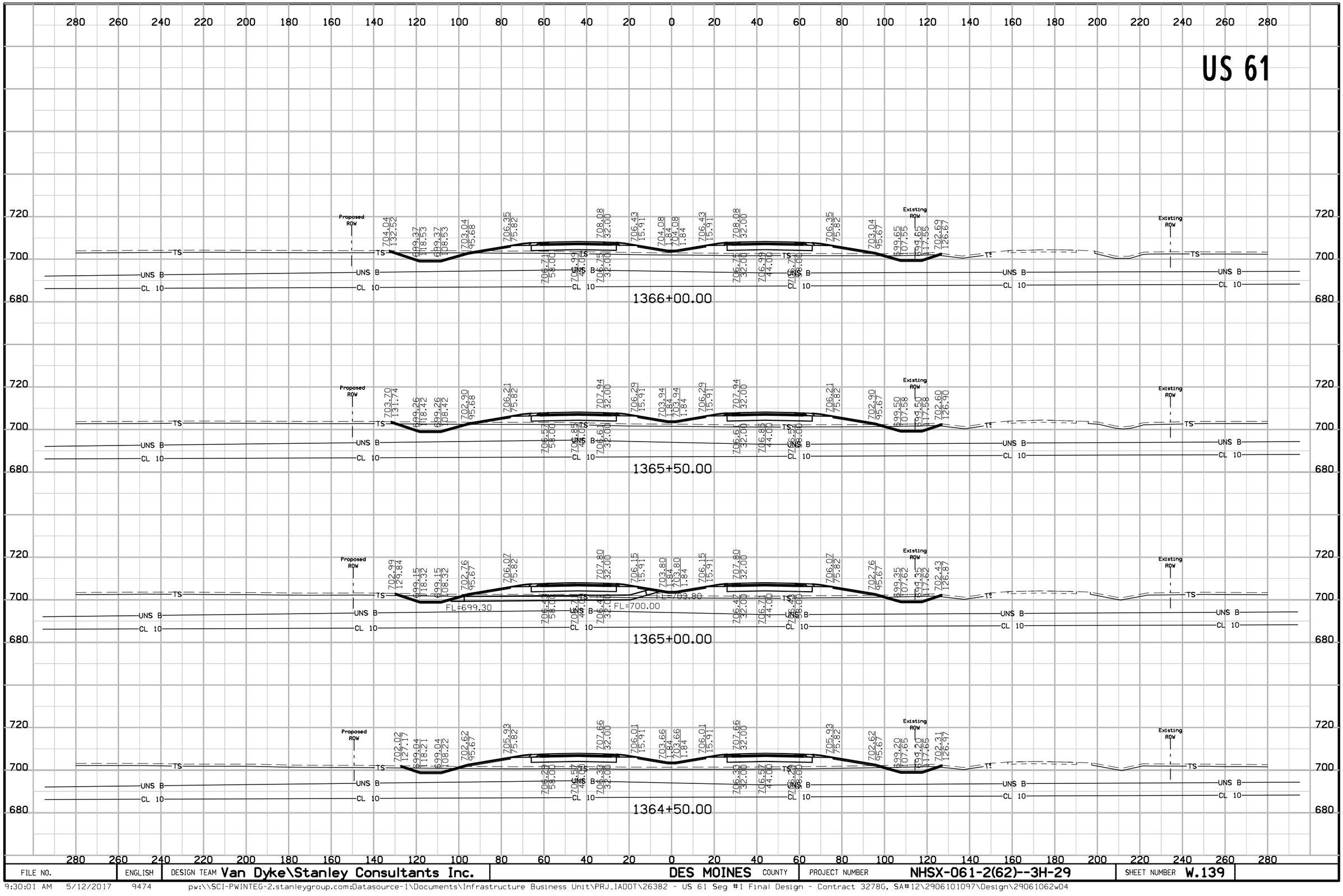
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.137

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.138

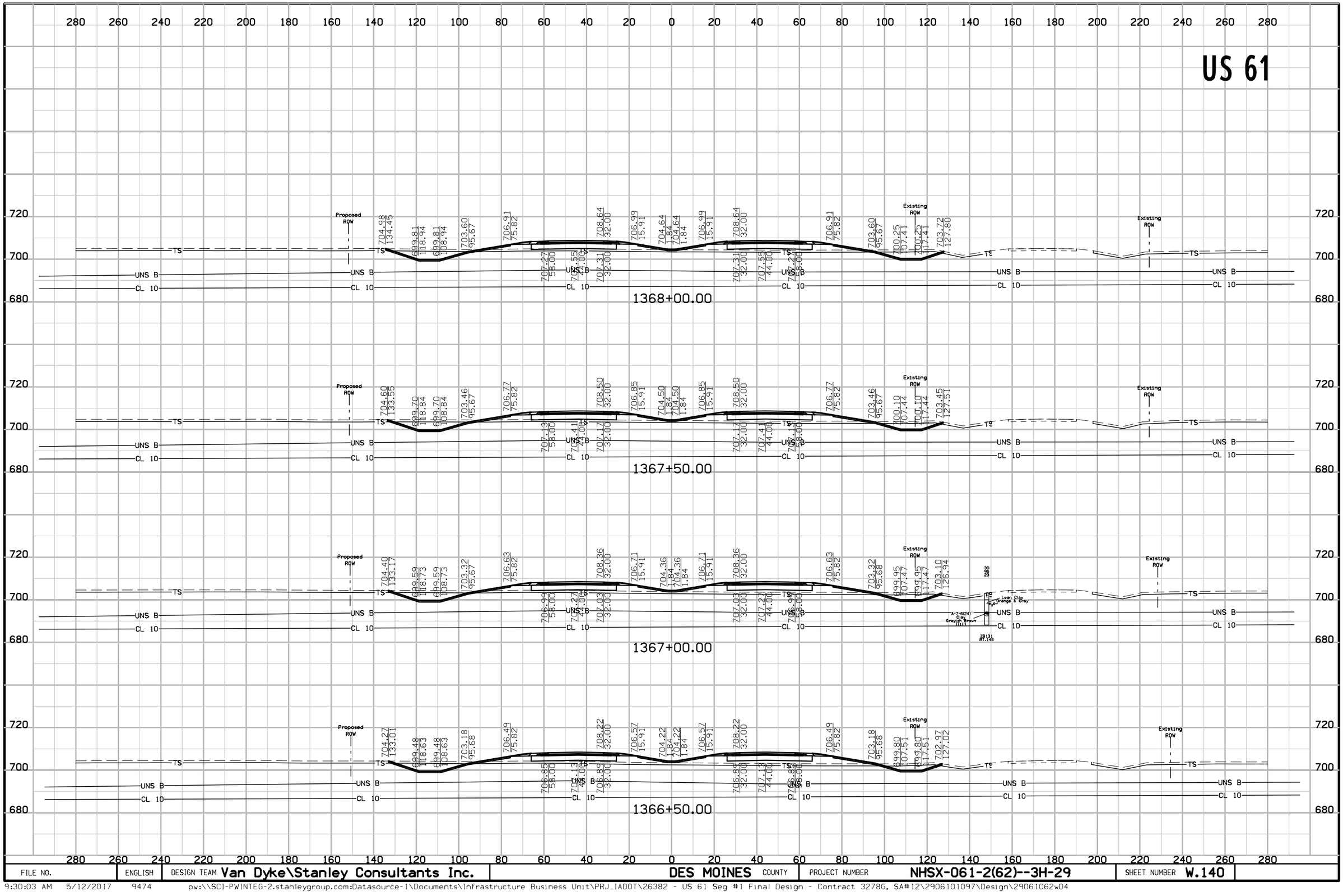
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.139

9:30:01 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

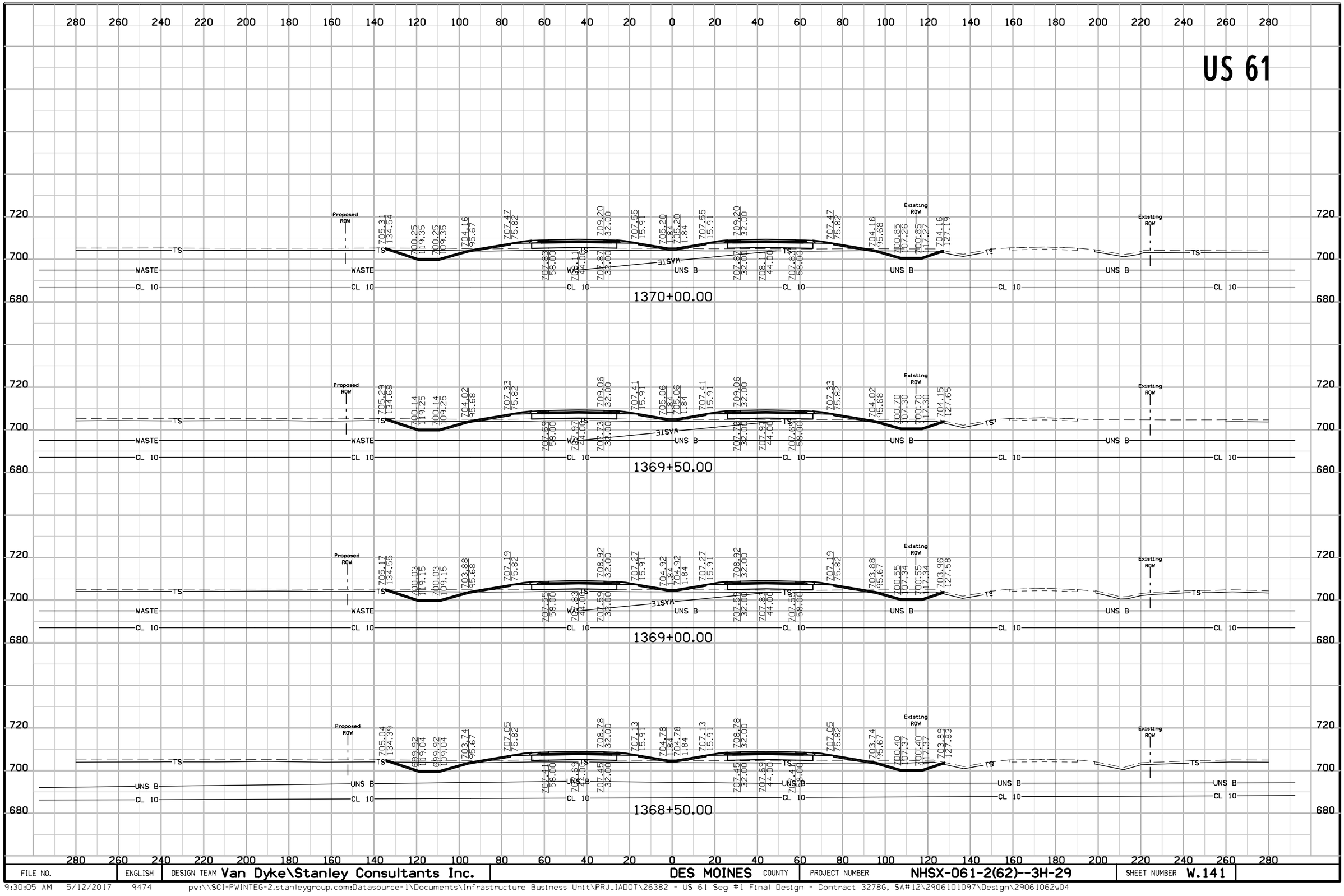
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.140

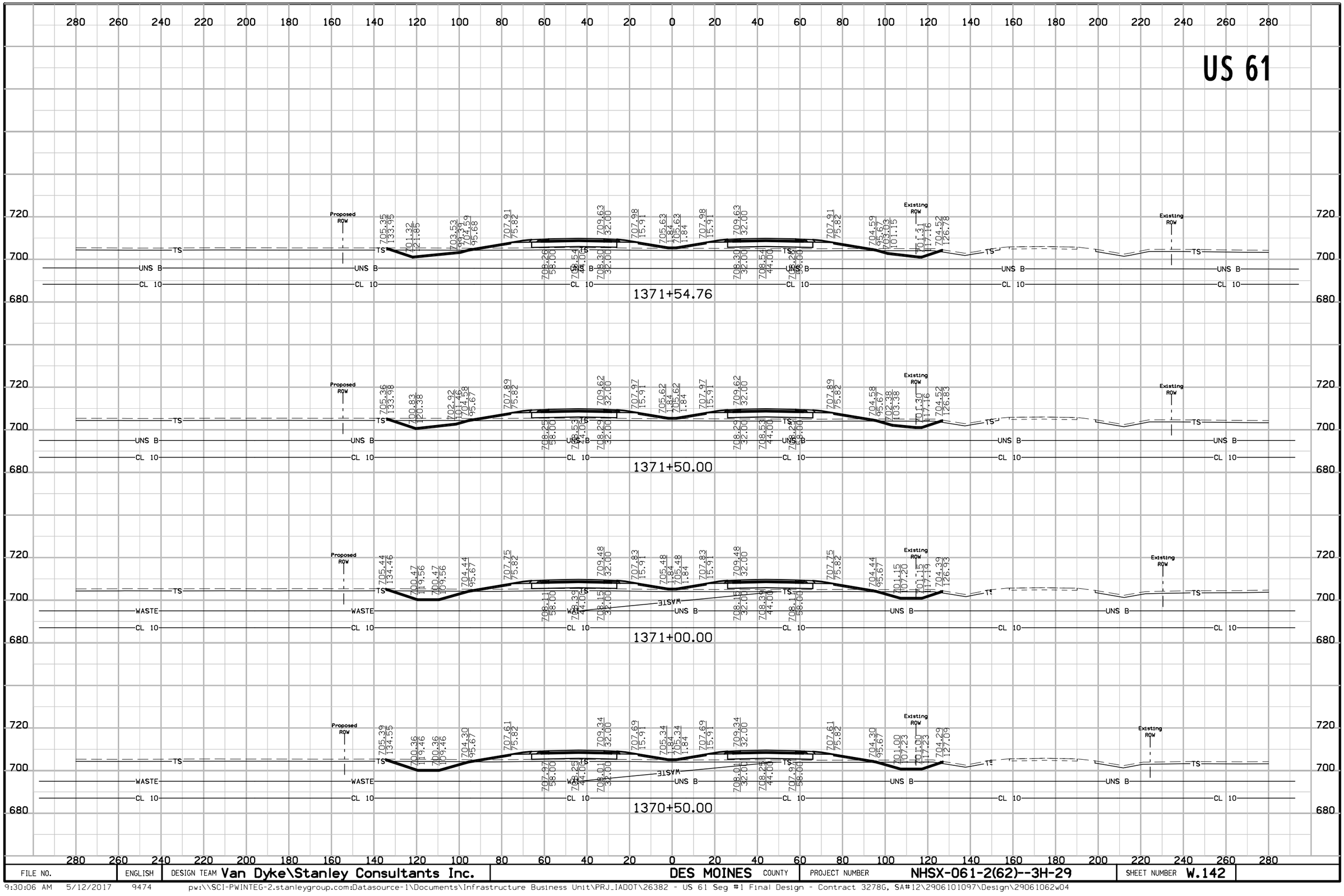
9:30:03 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.141

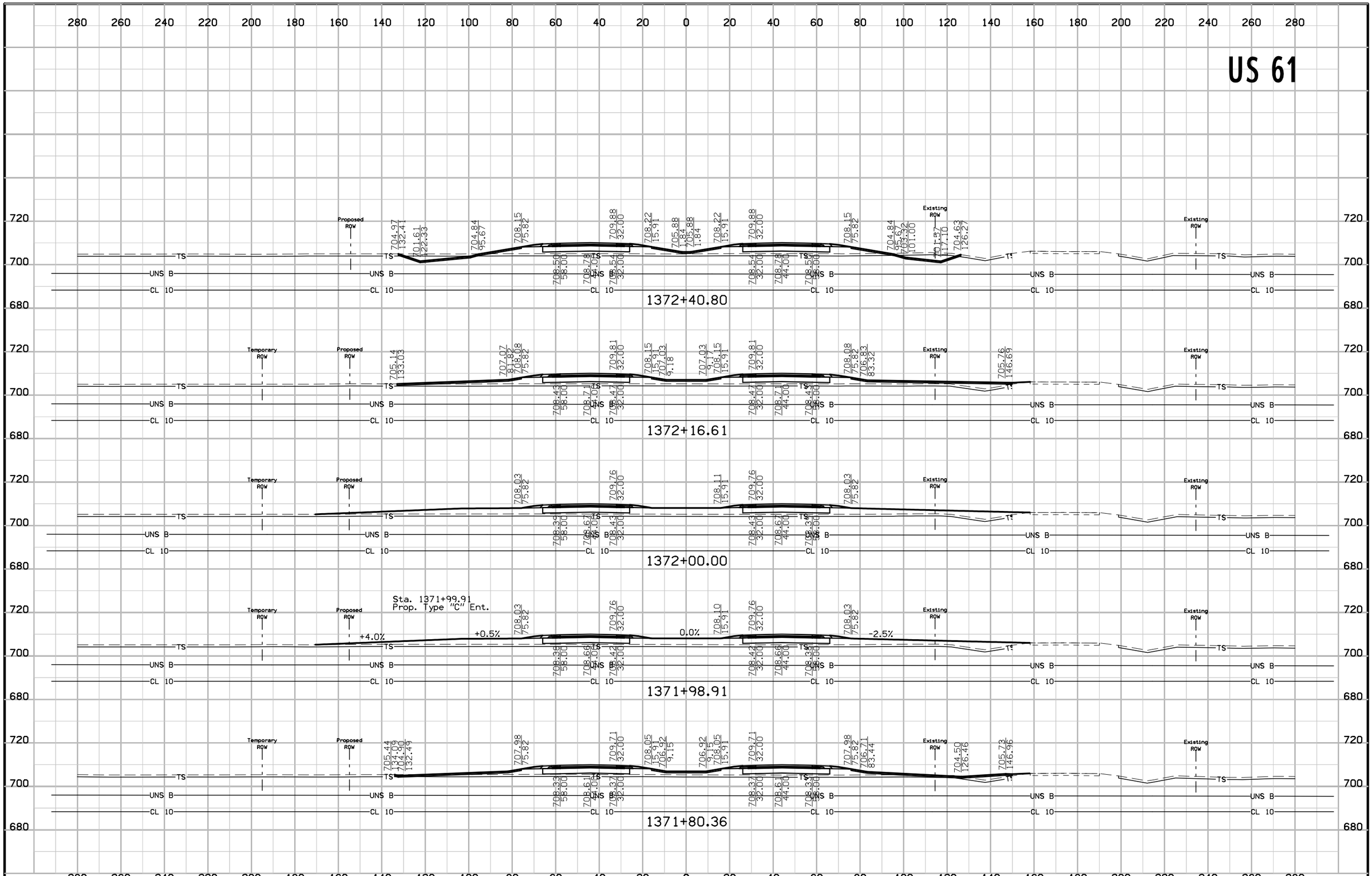
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.142

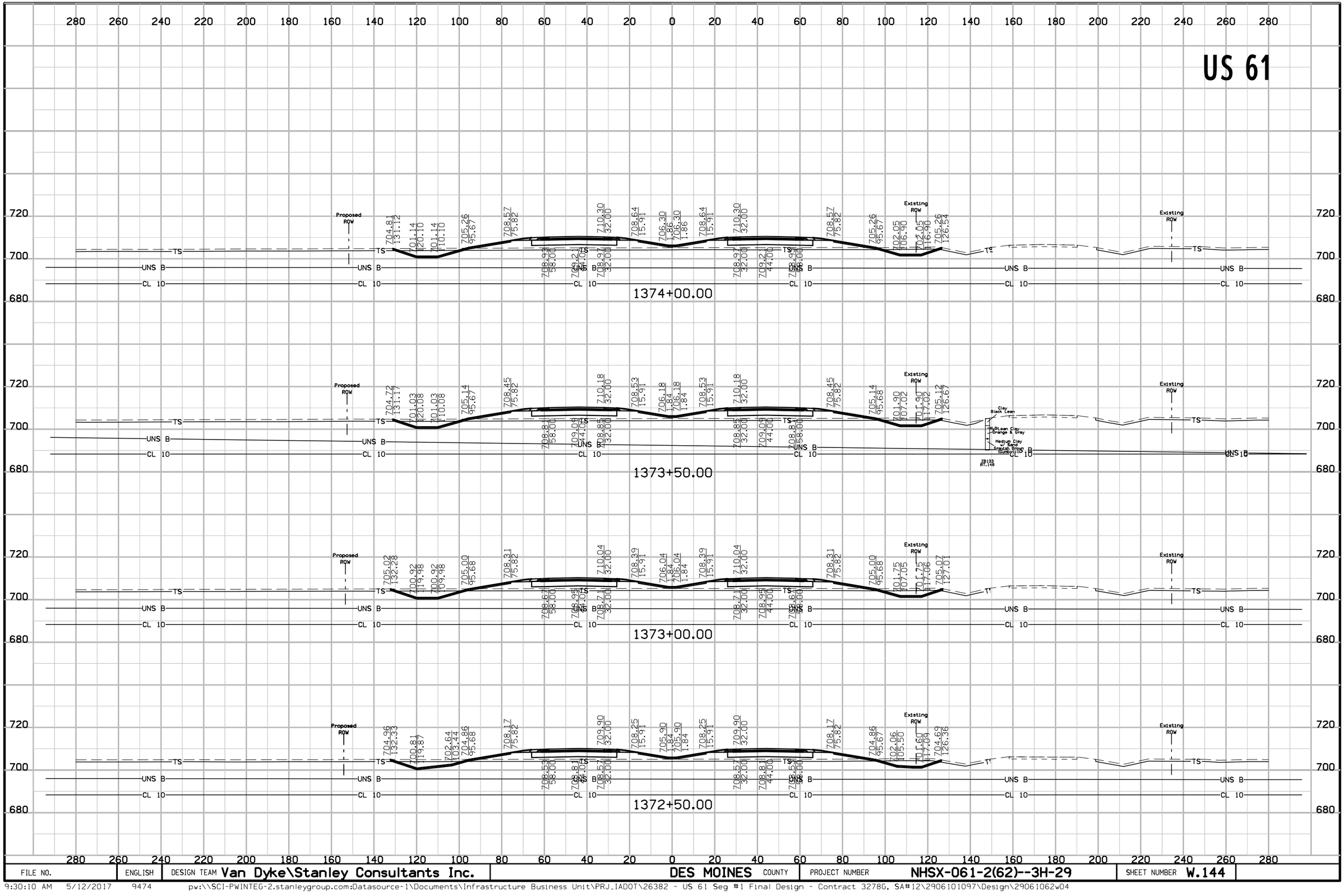
9:30:06 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.143

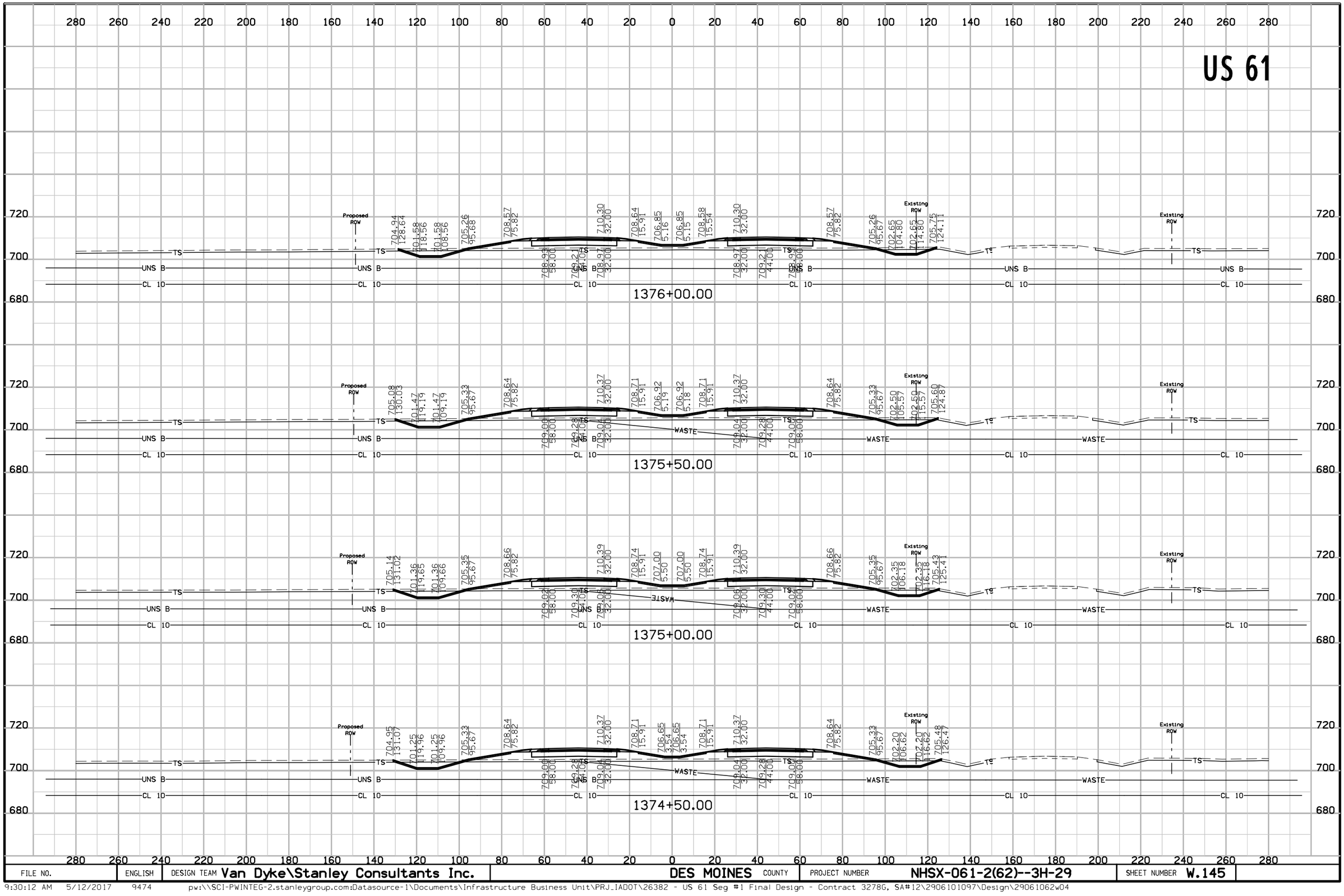
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.144

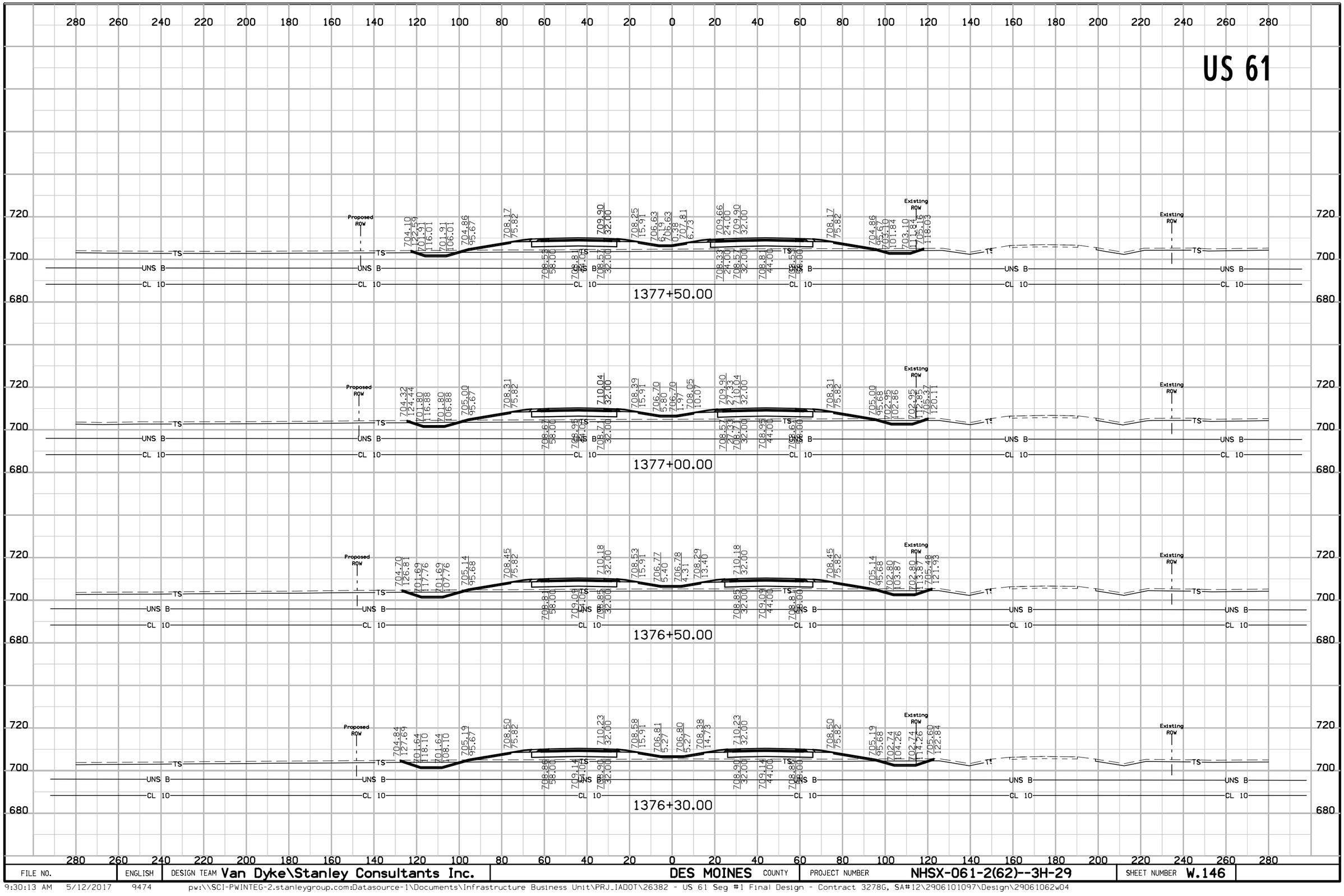
9:30:10 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



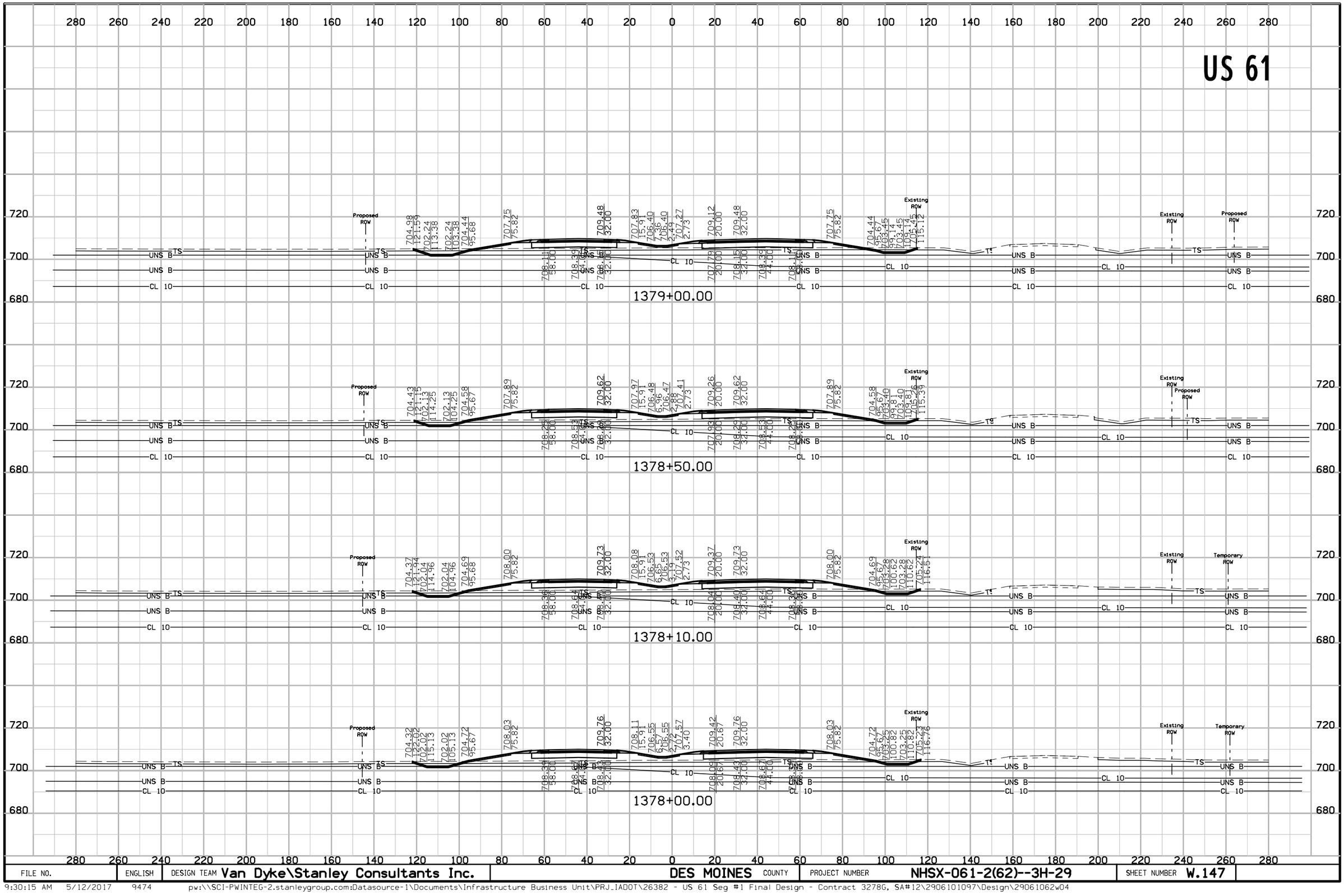
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.145

US 61



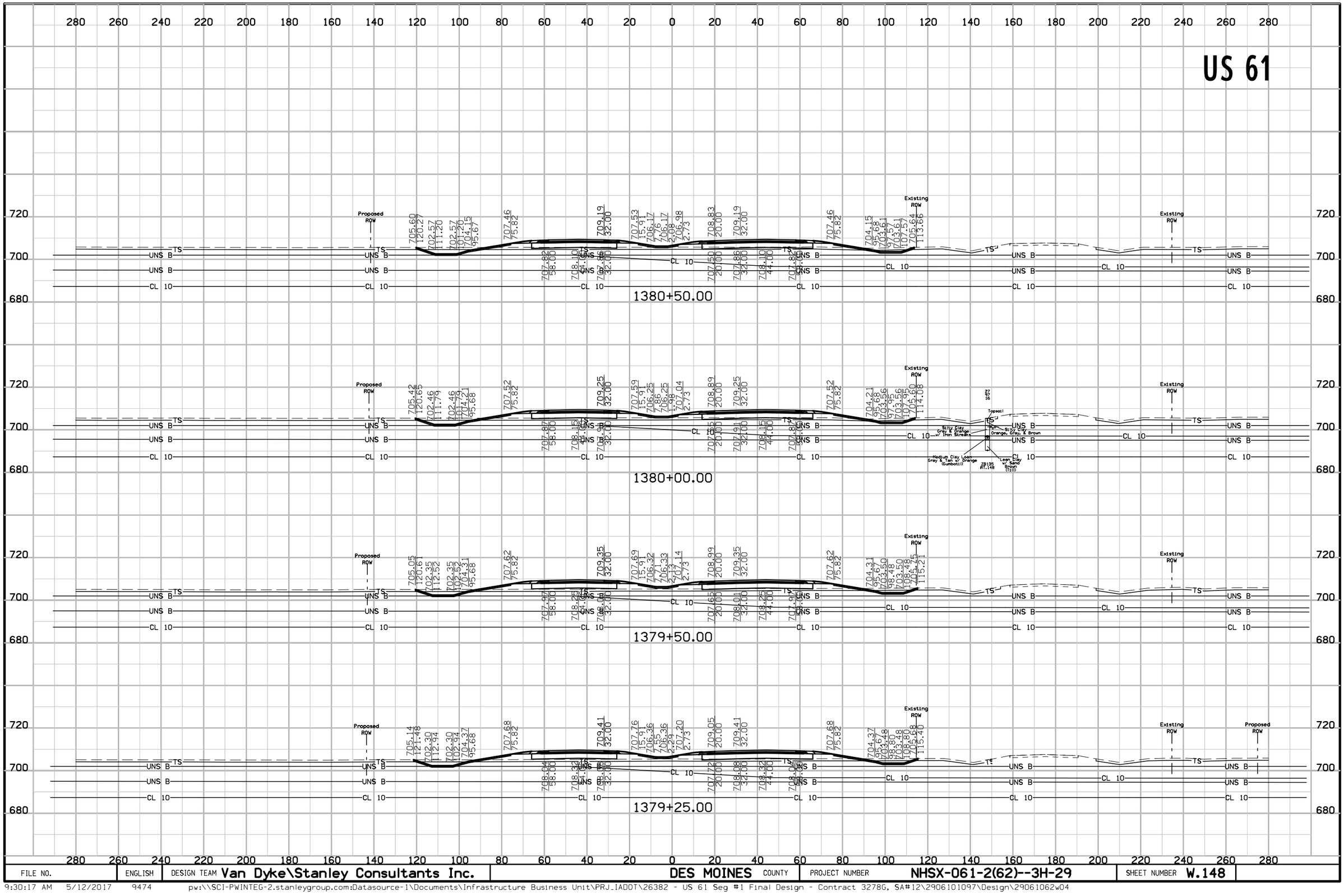
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.146

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.147

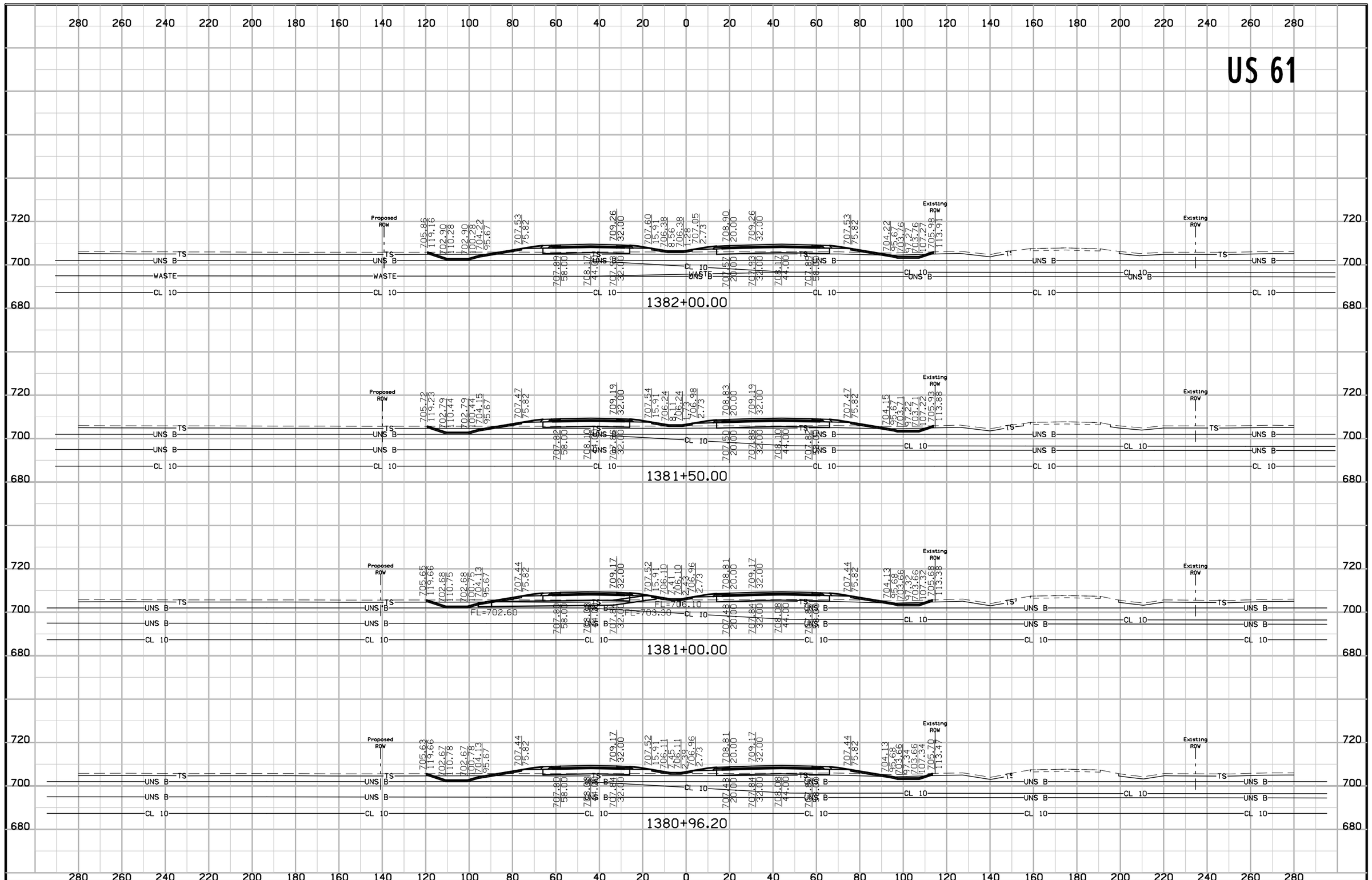
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.148

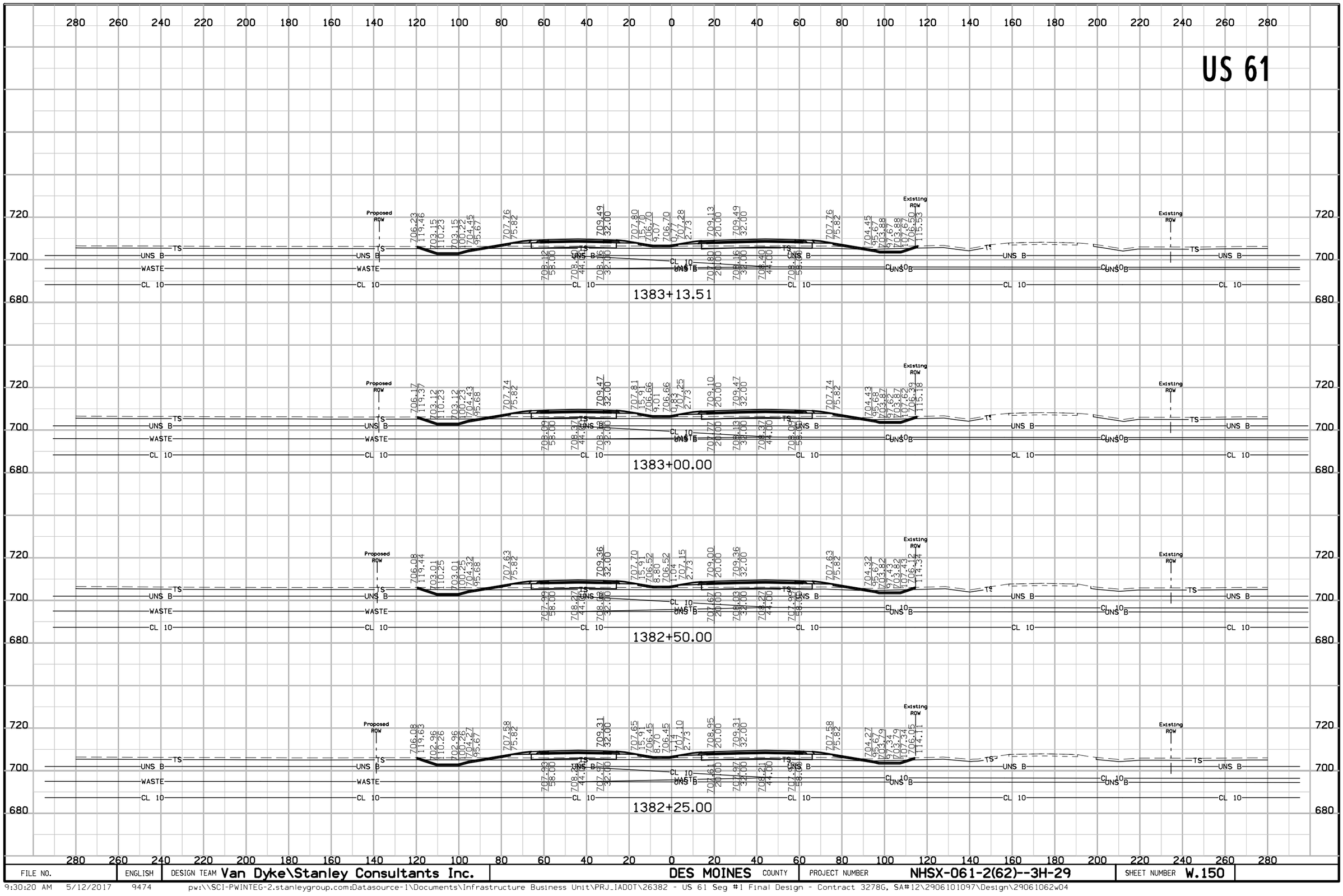
9:30:17 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



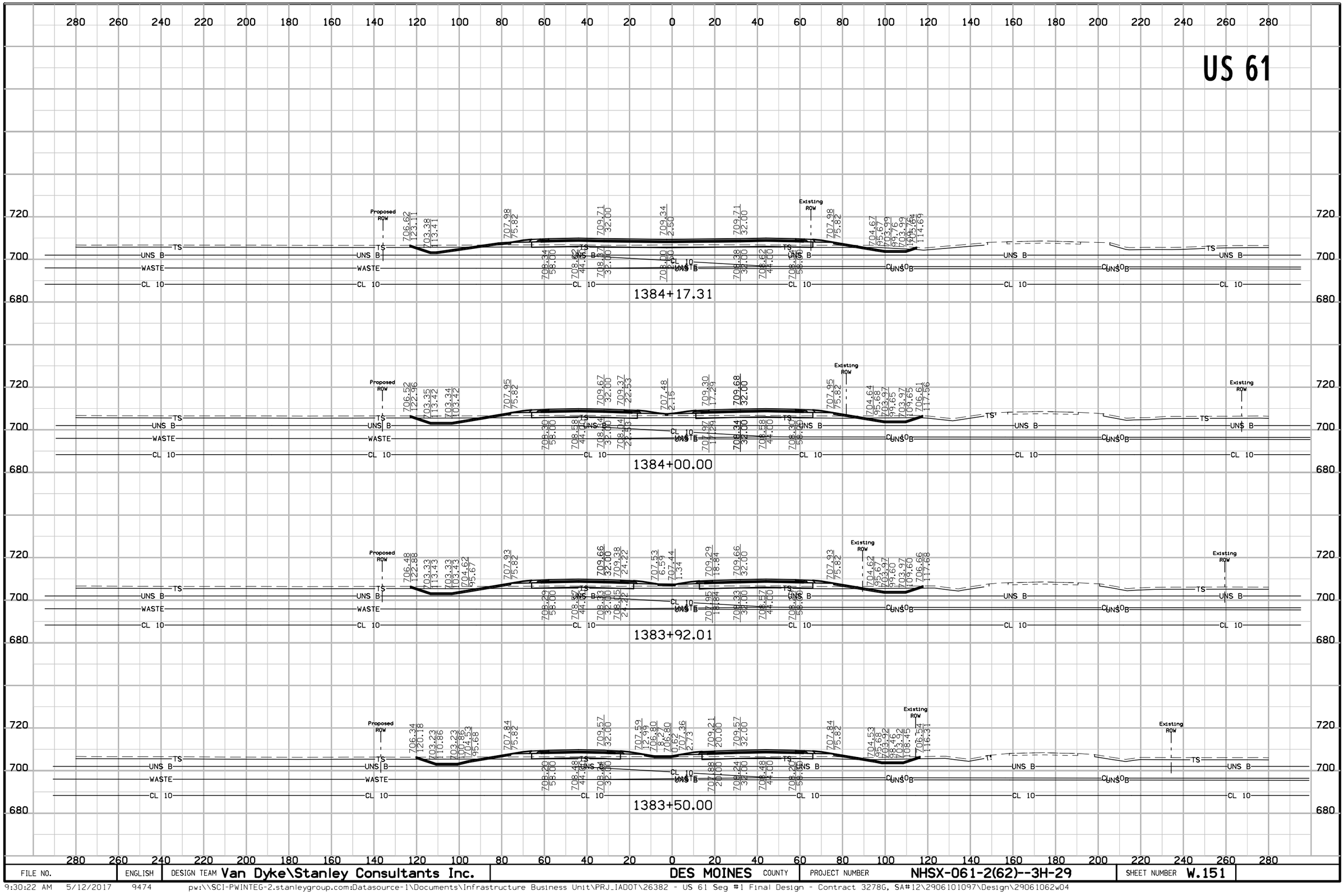
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.149

US 61



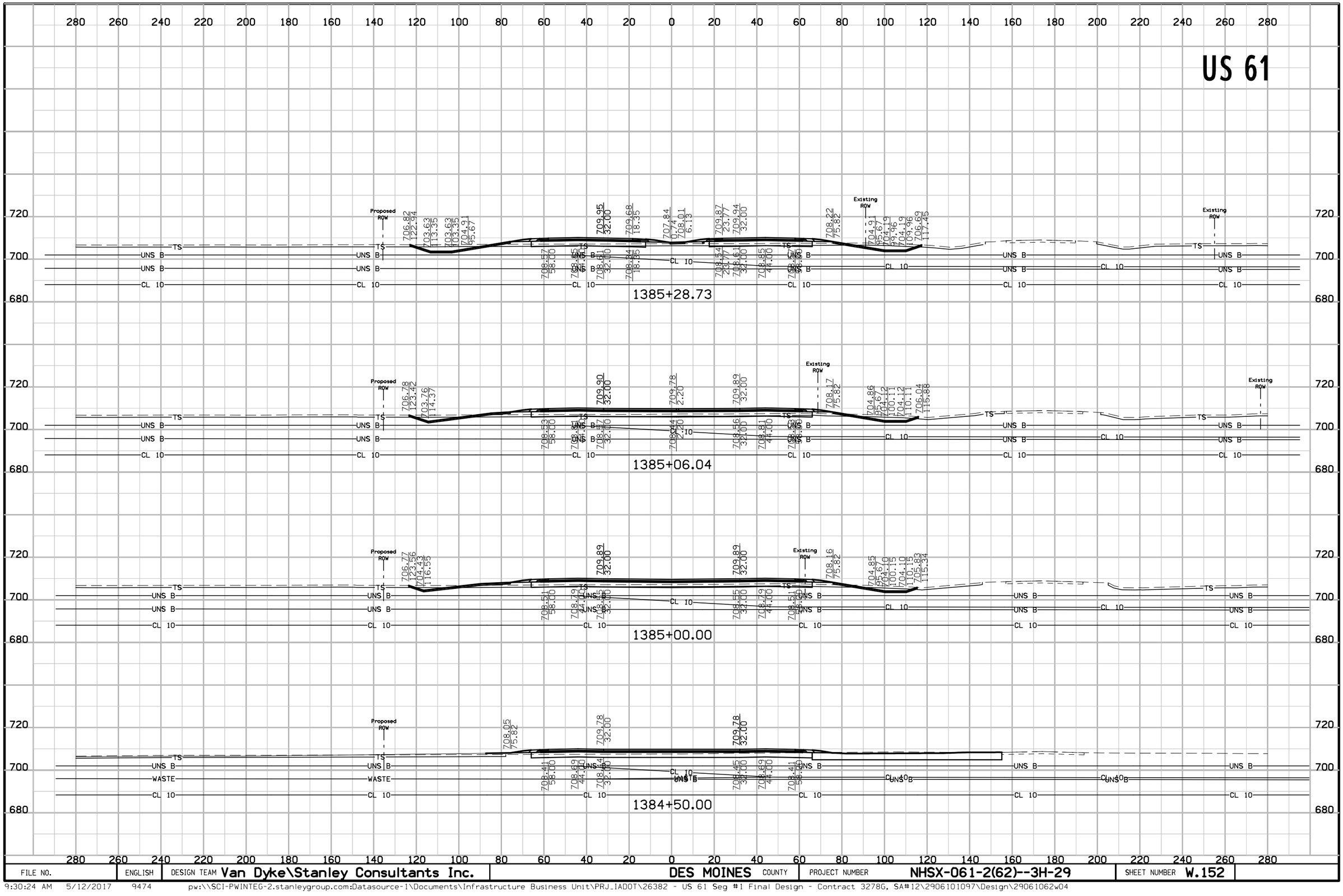
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.150

US 61



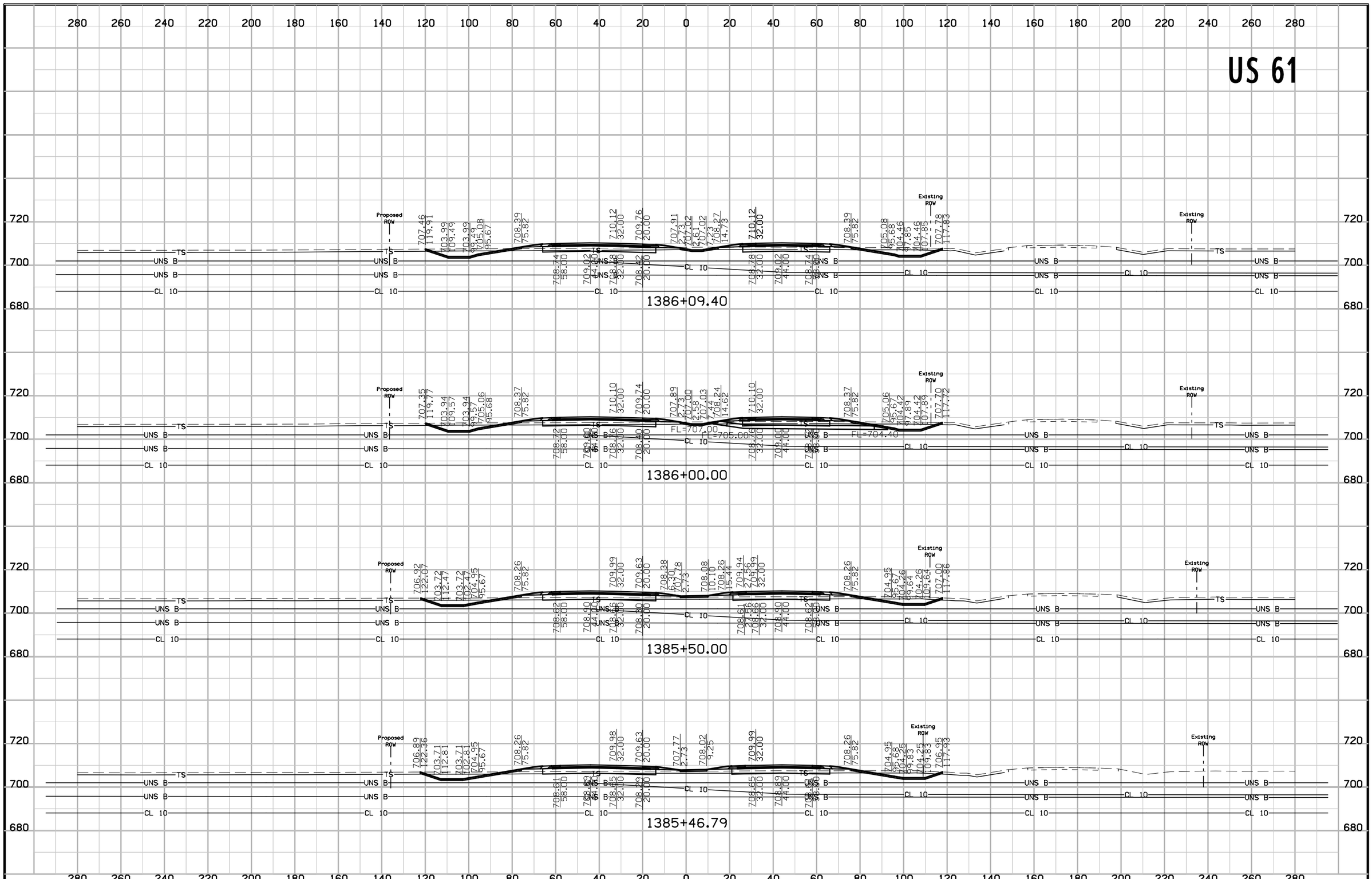
9:30:22 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



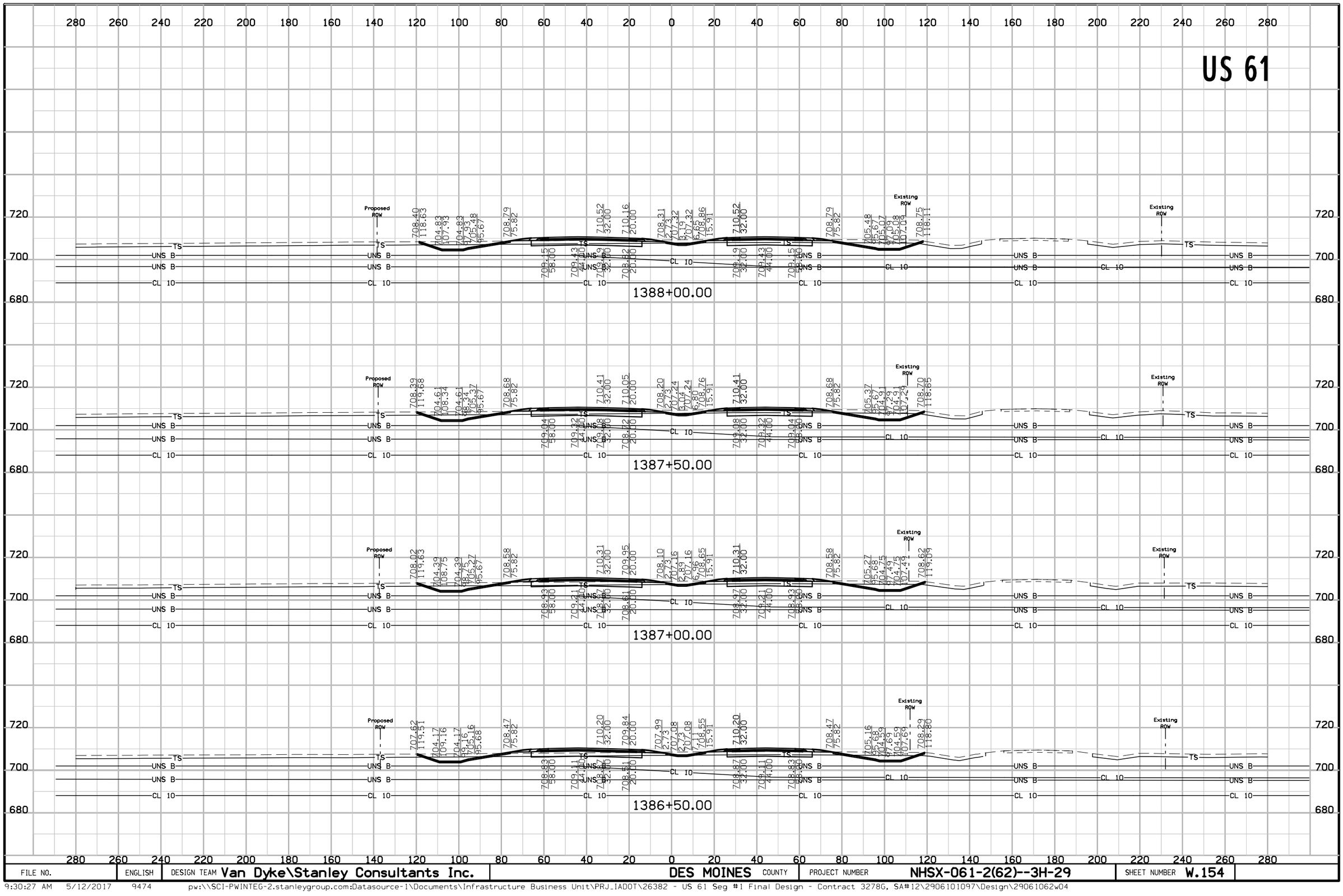
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.152

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.153

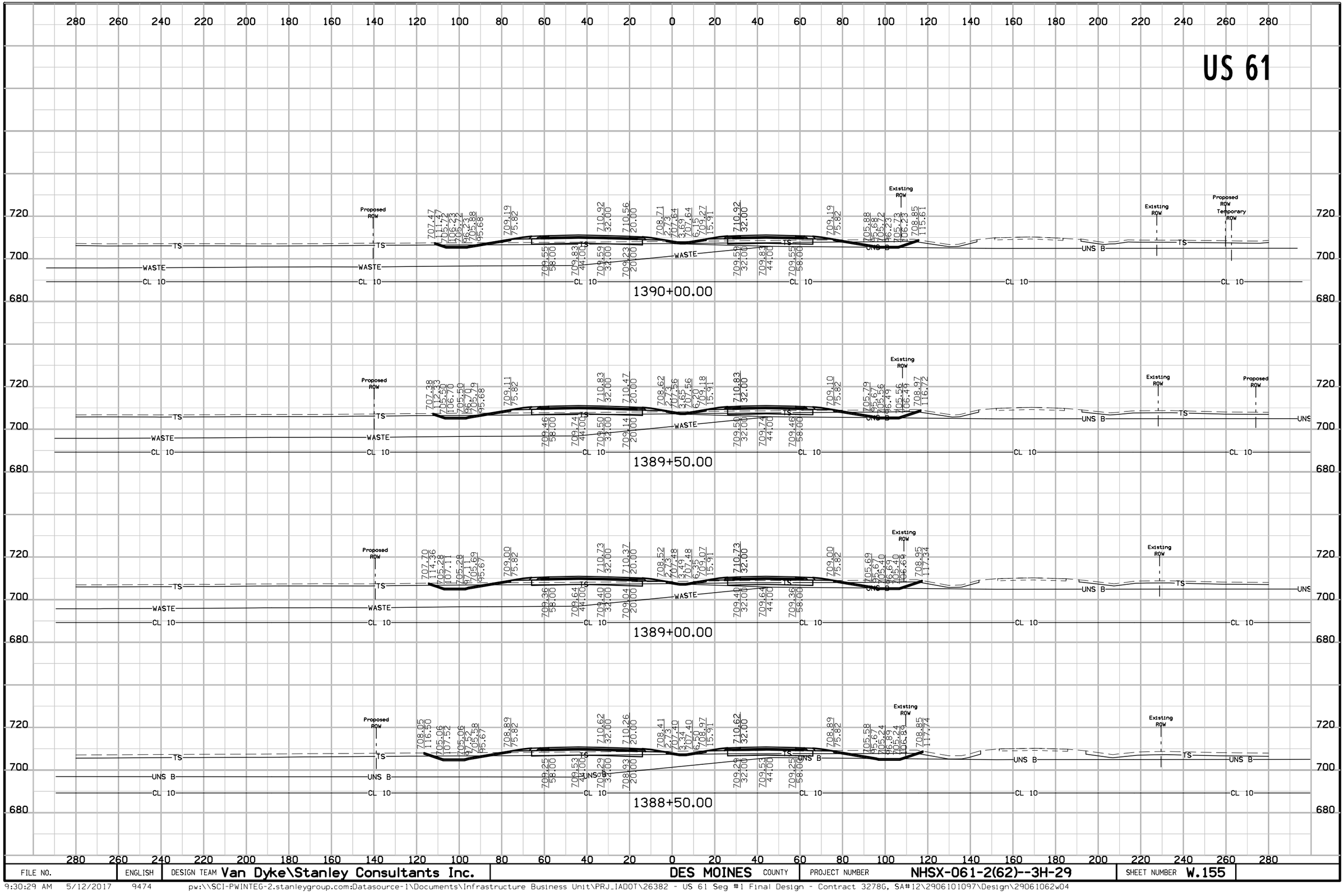
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.154

9:30:27 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

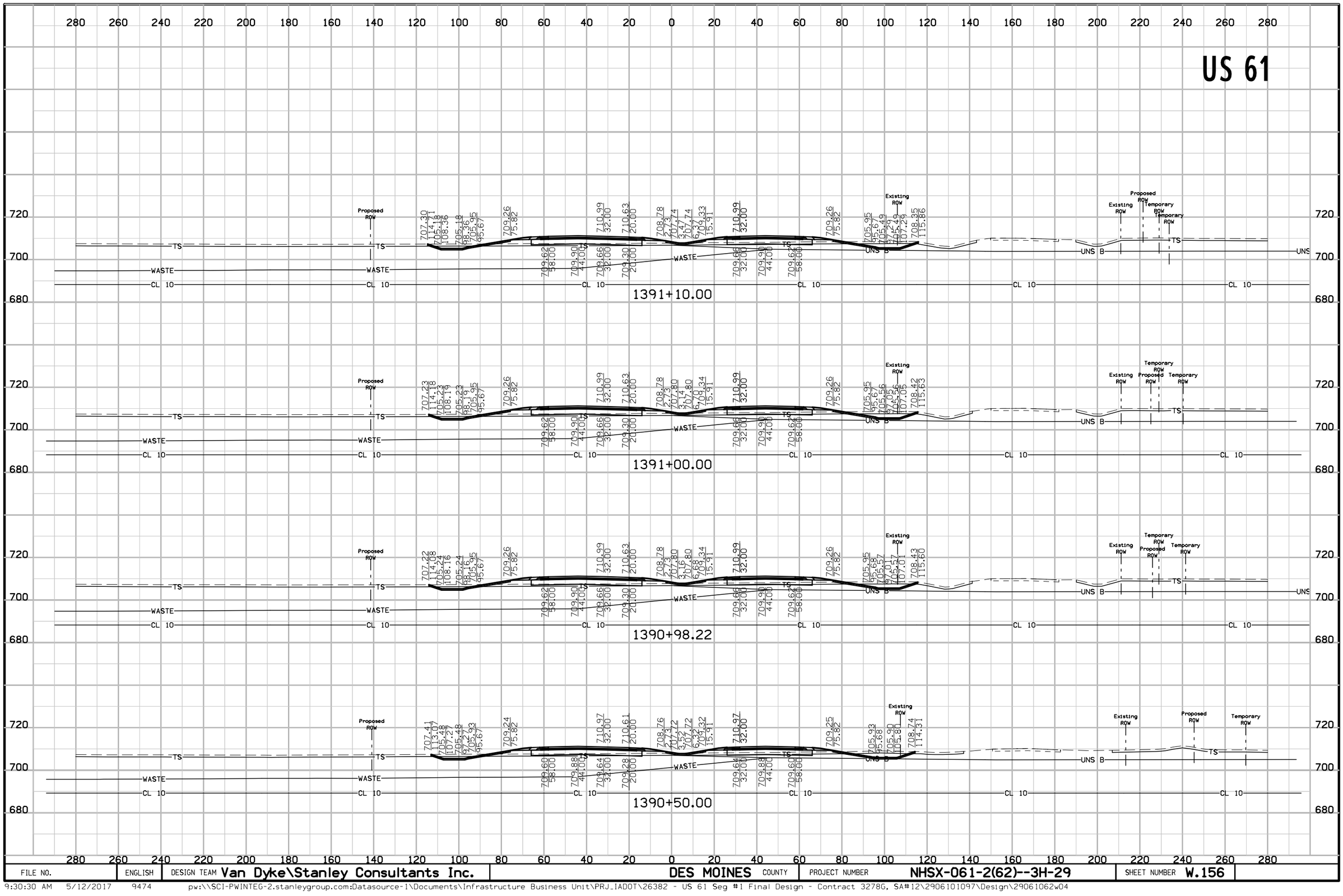
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.155

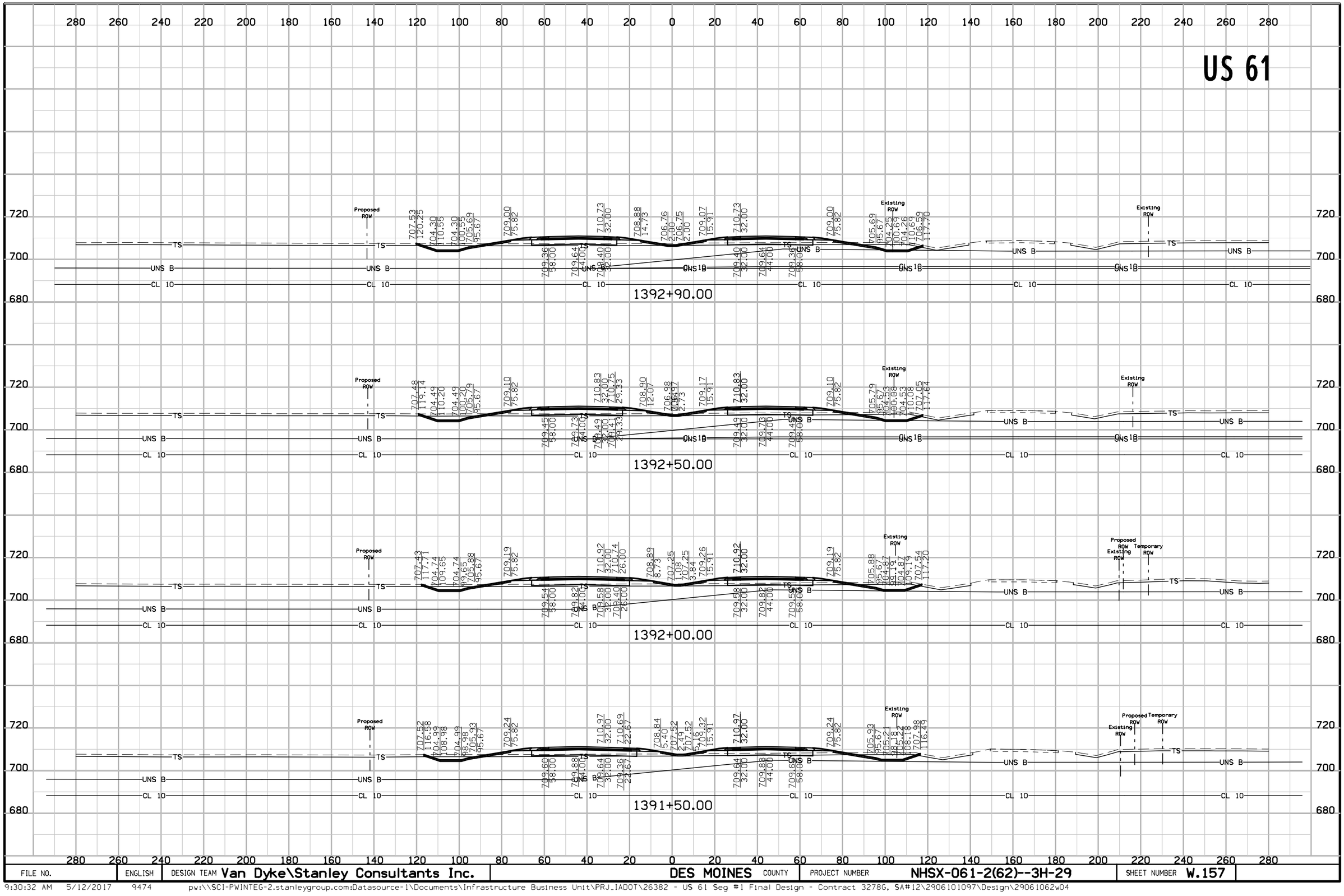
9:30:29 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.156

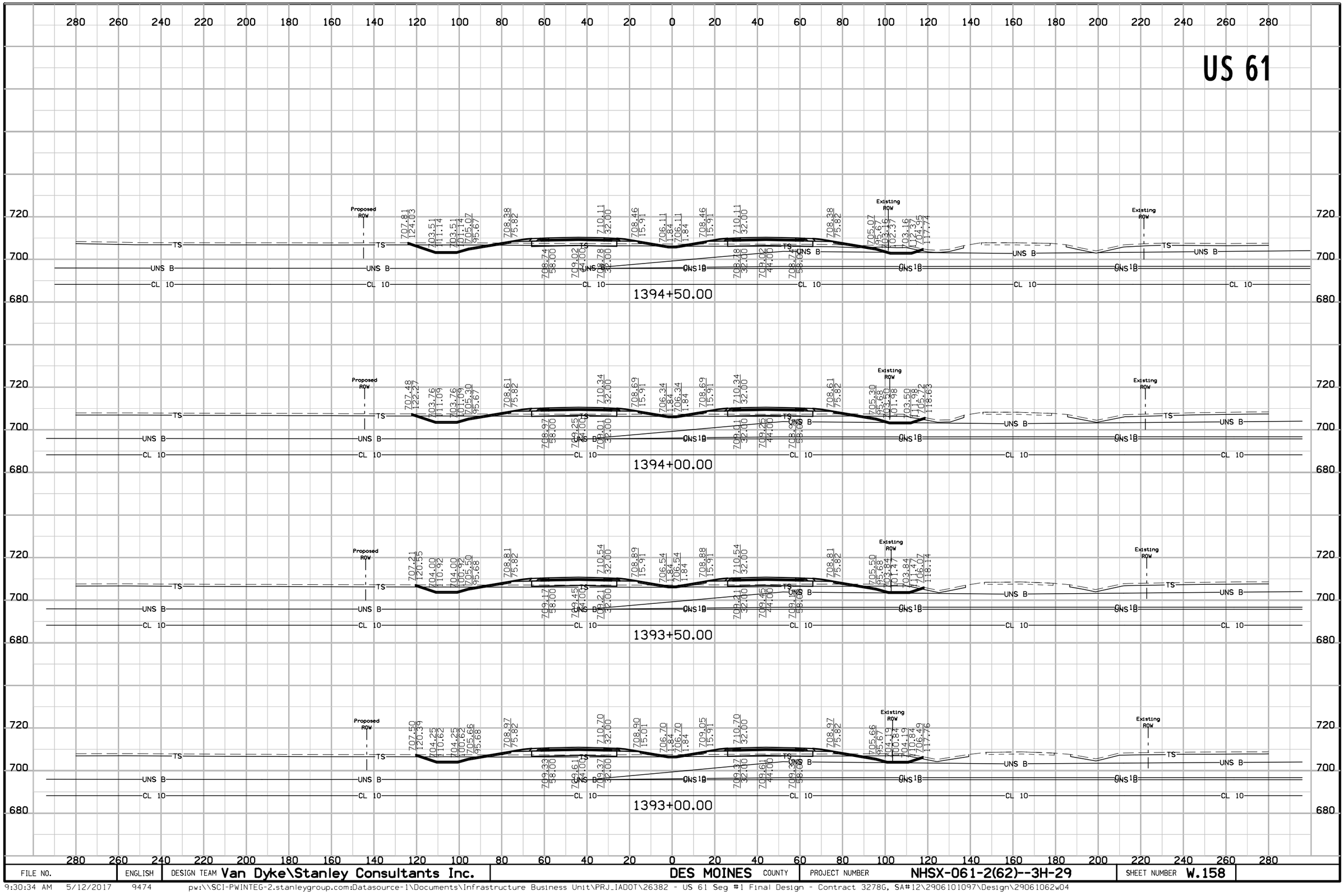
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.157

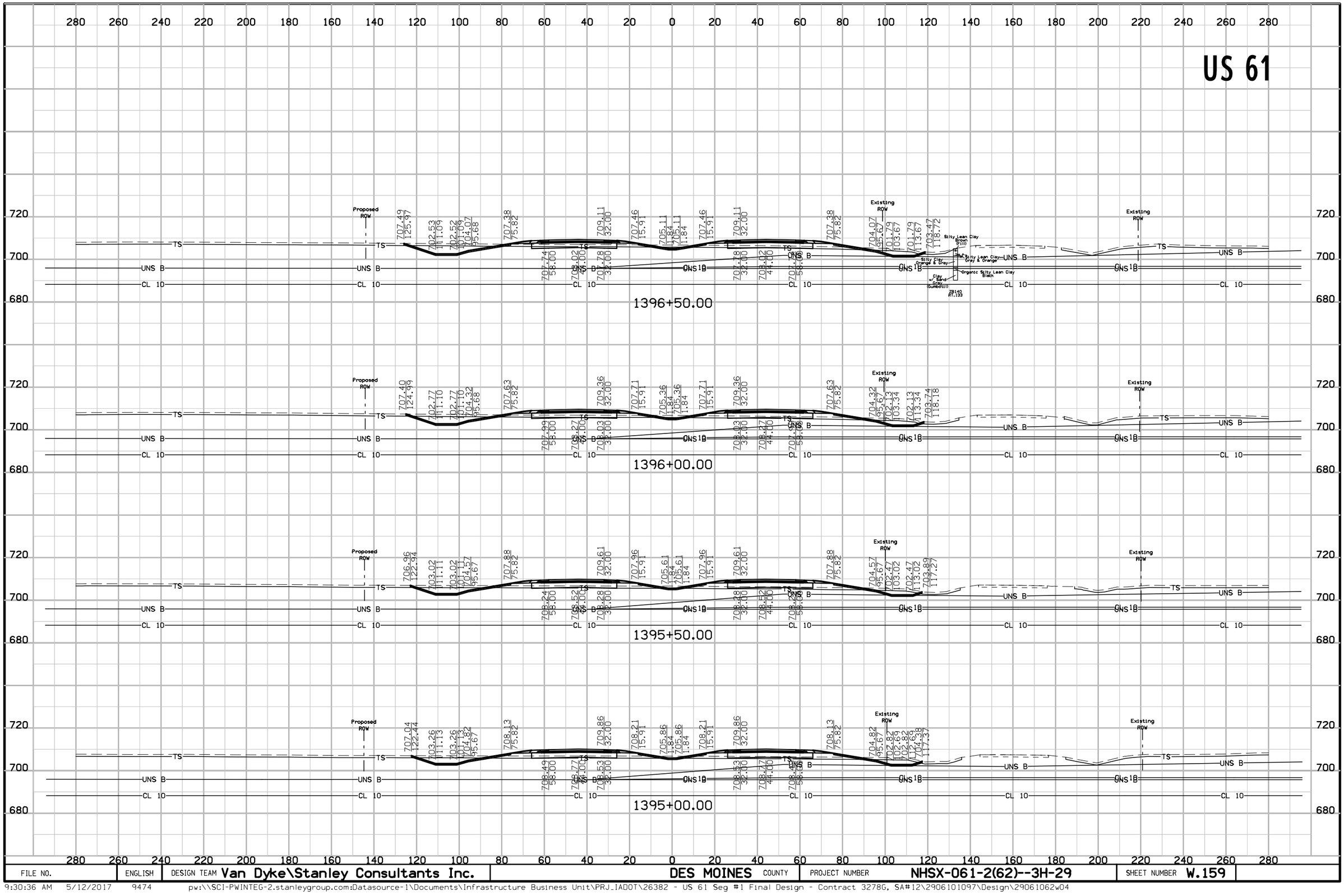
9:30:32 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61

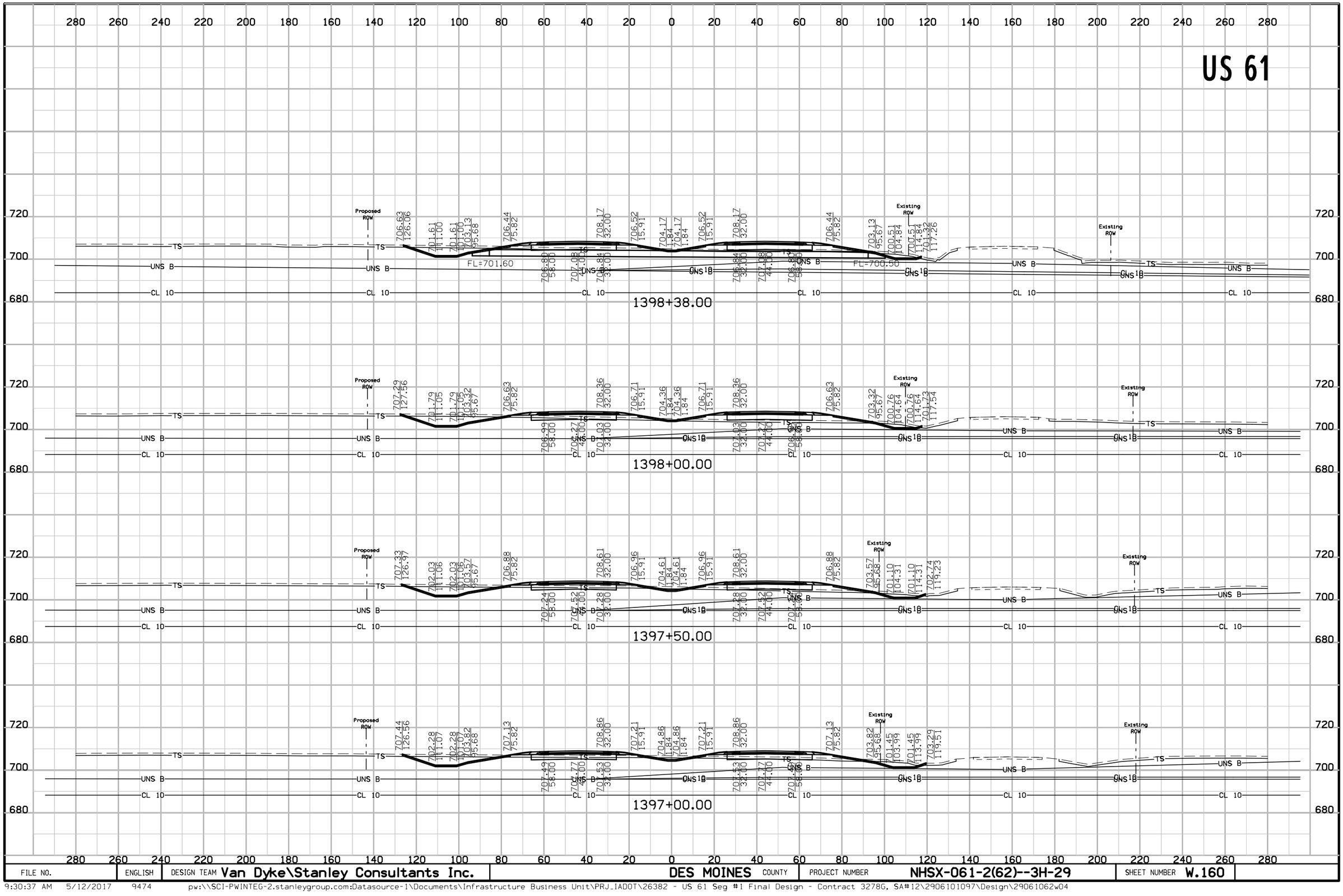


FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.158

US 61



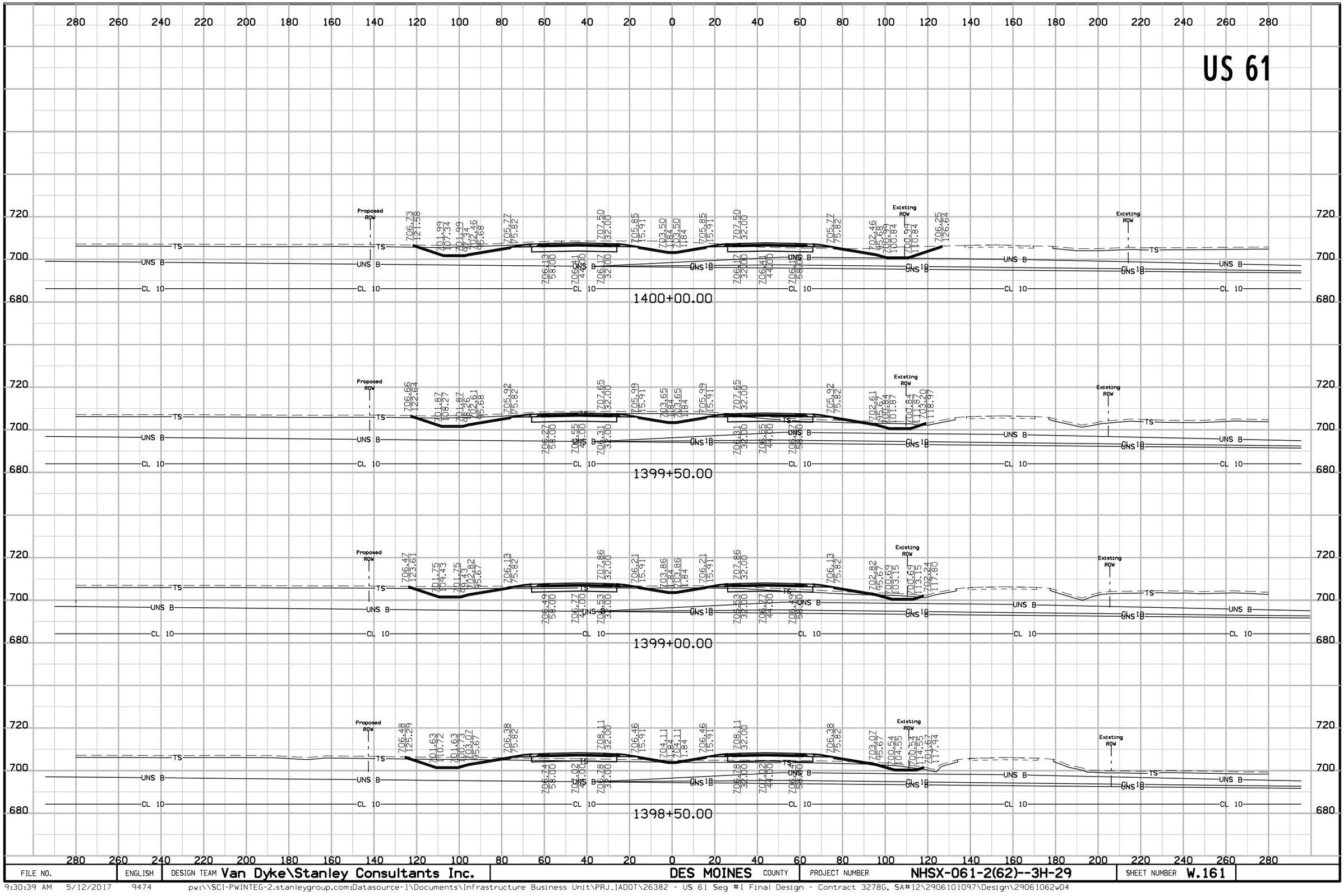
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.159



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.160

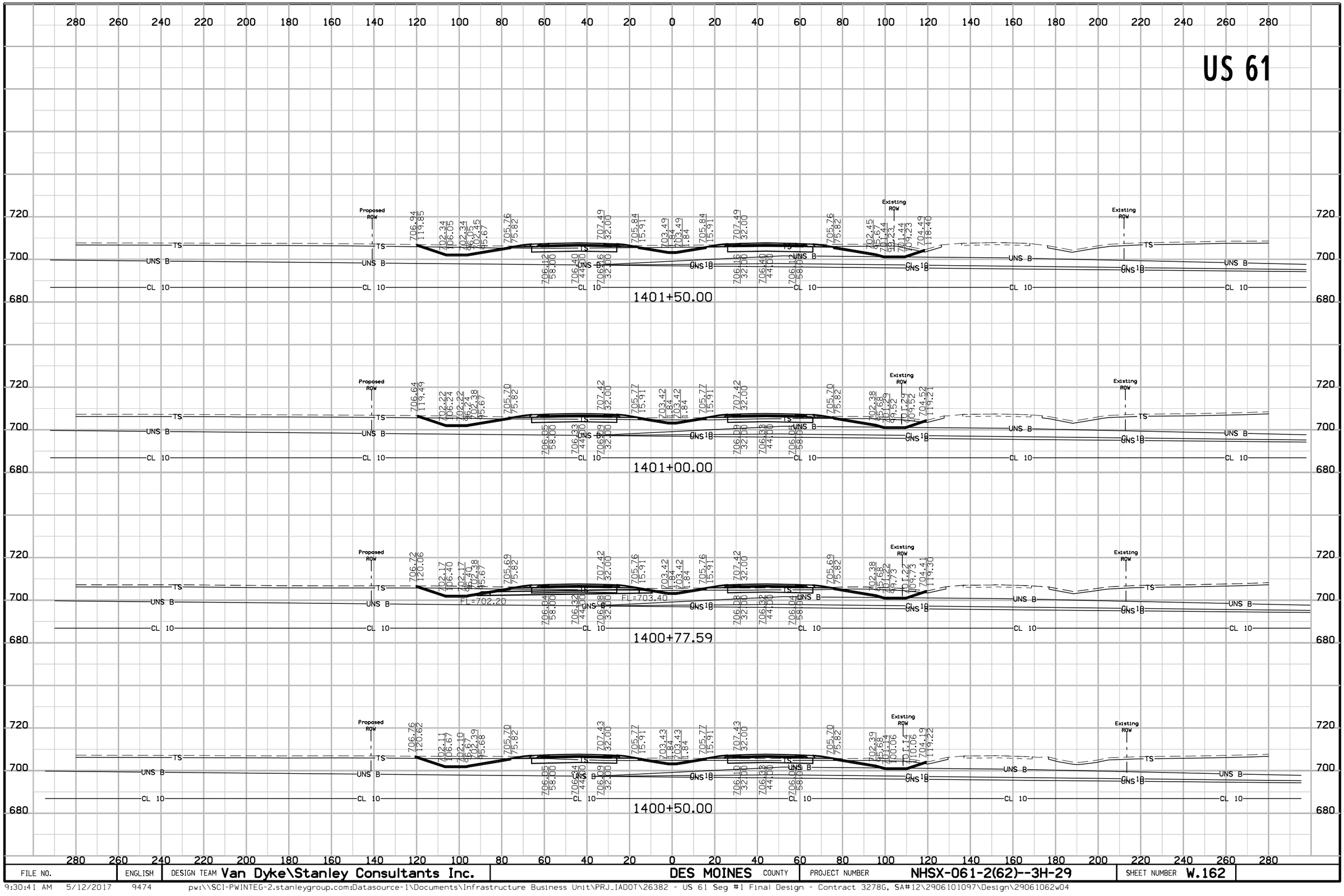
9:30:37 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



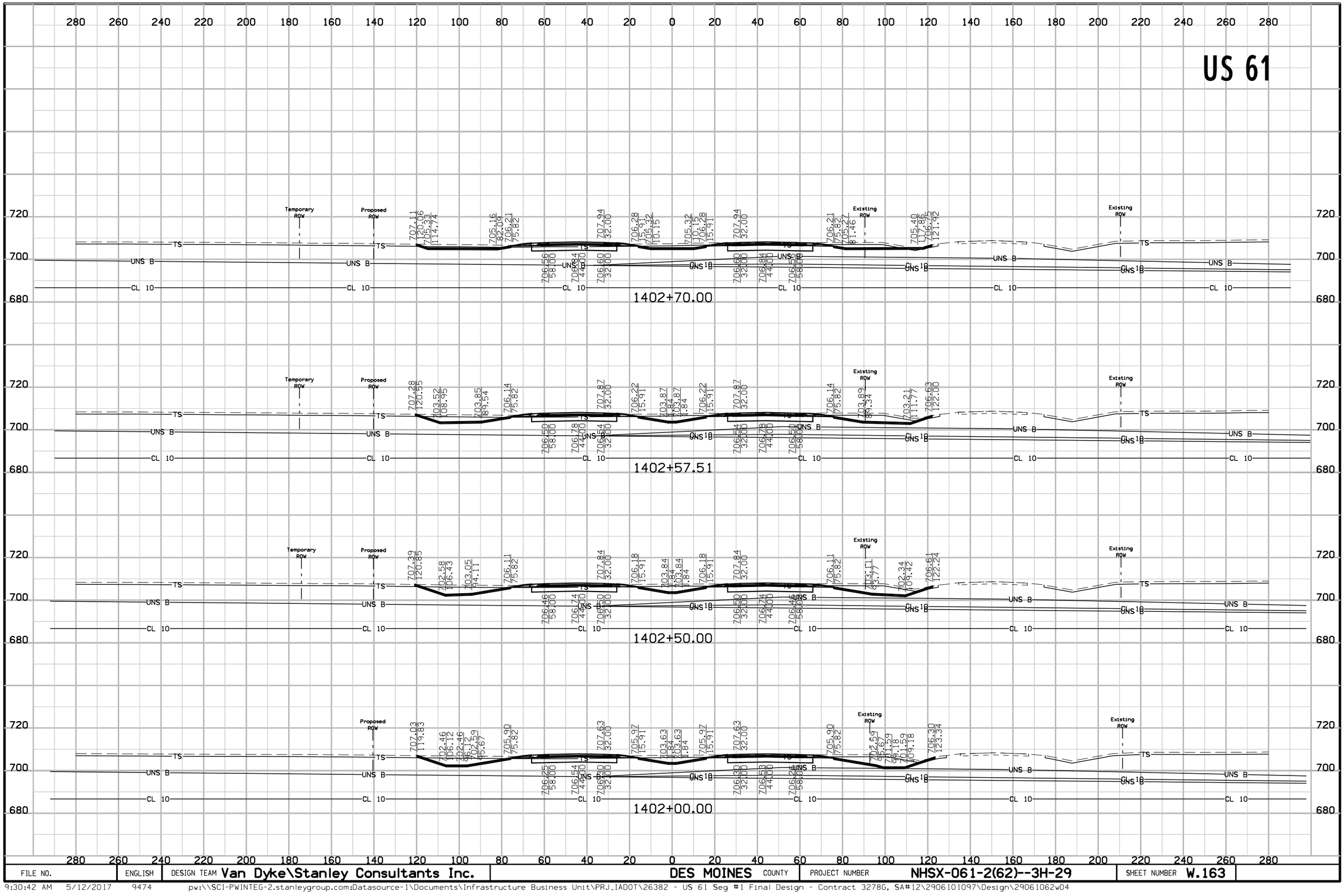
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.161

US 61



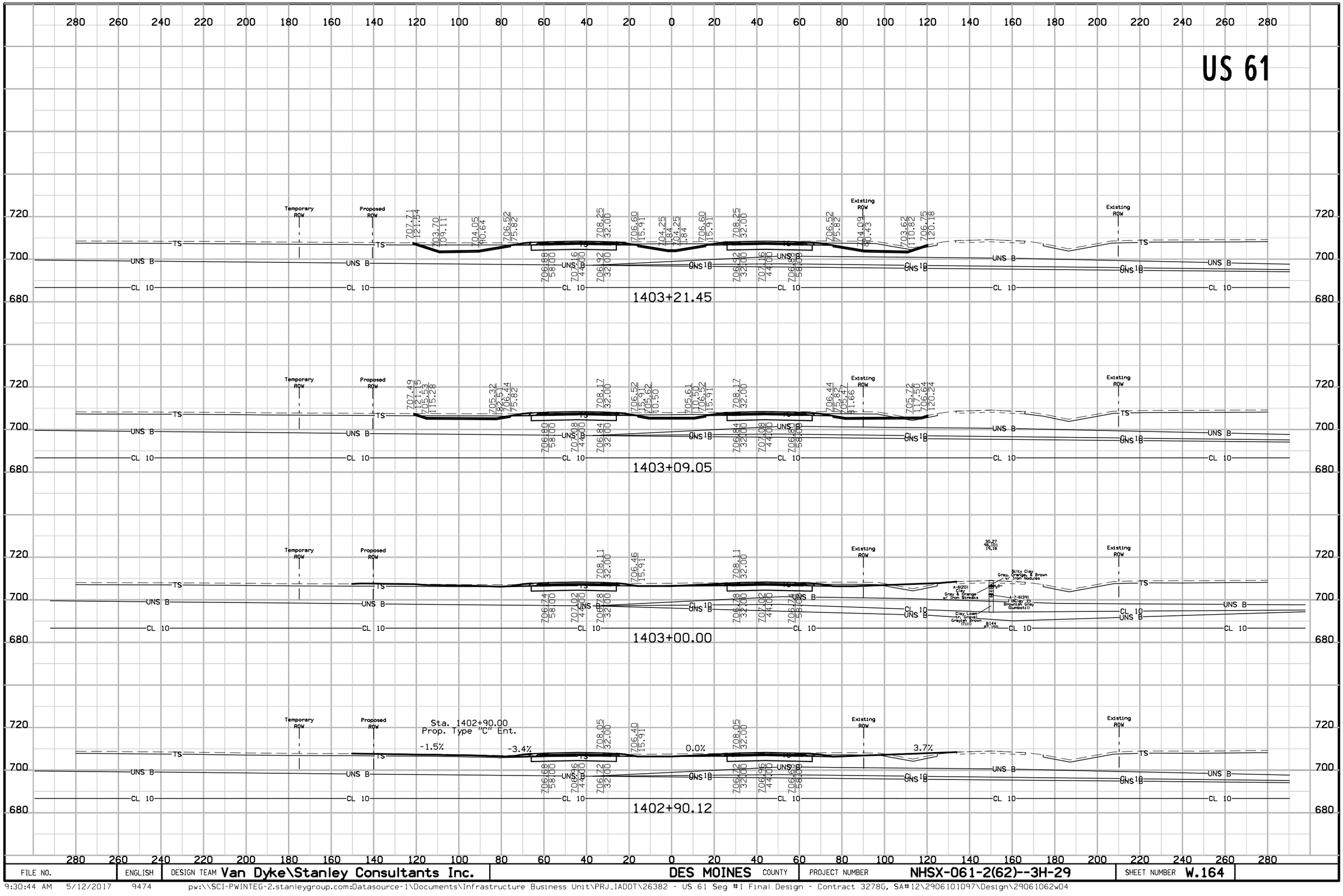
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.162

US 61



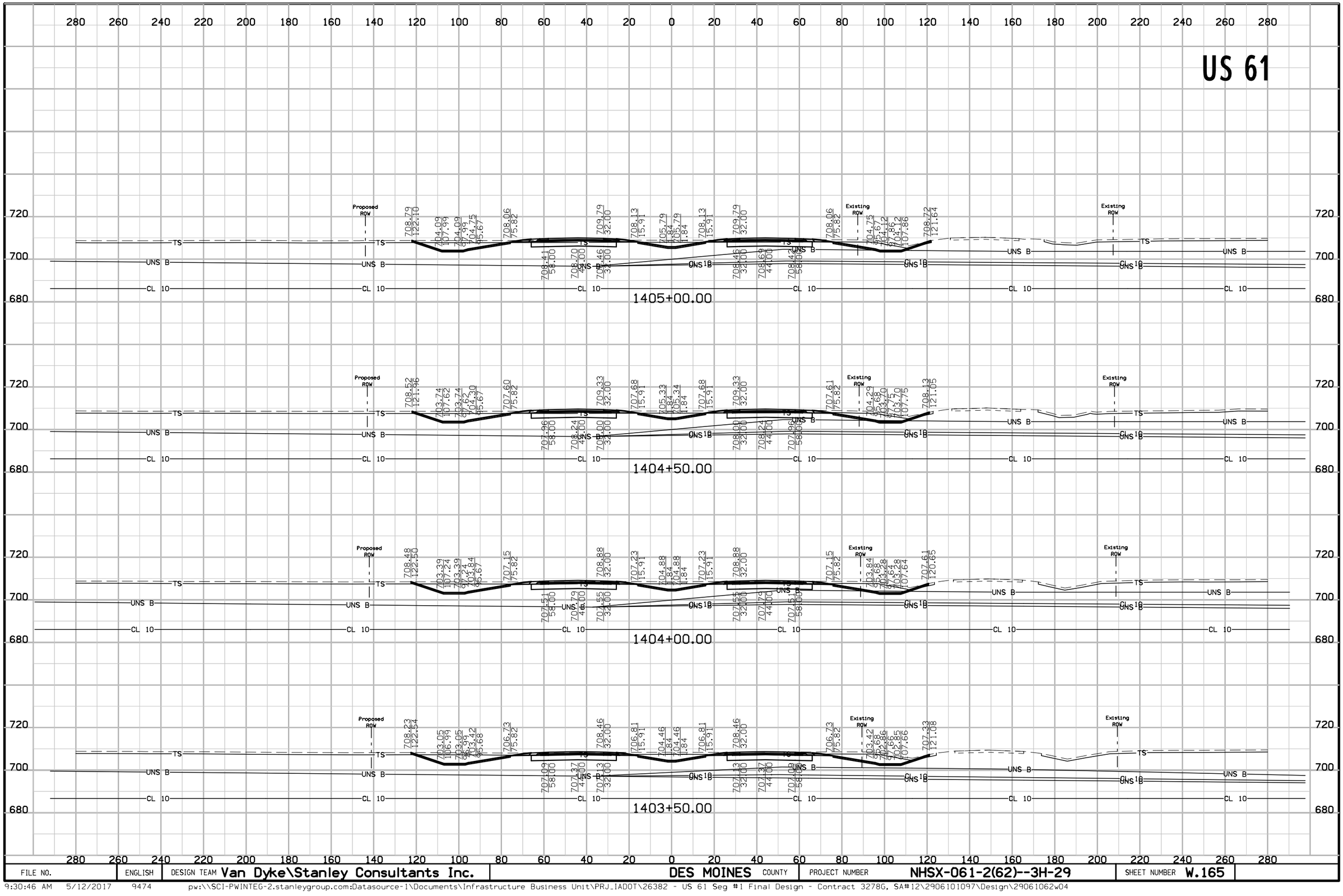
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.163

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.164

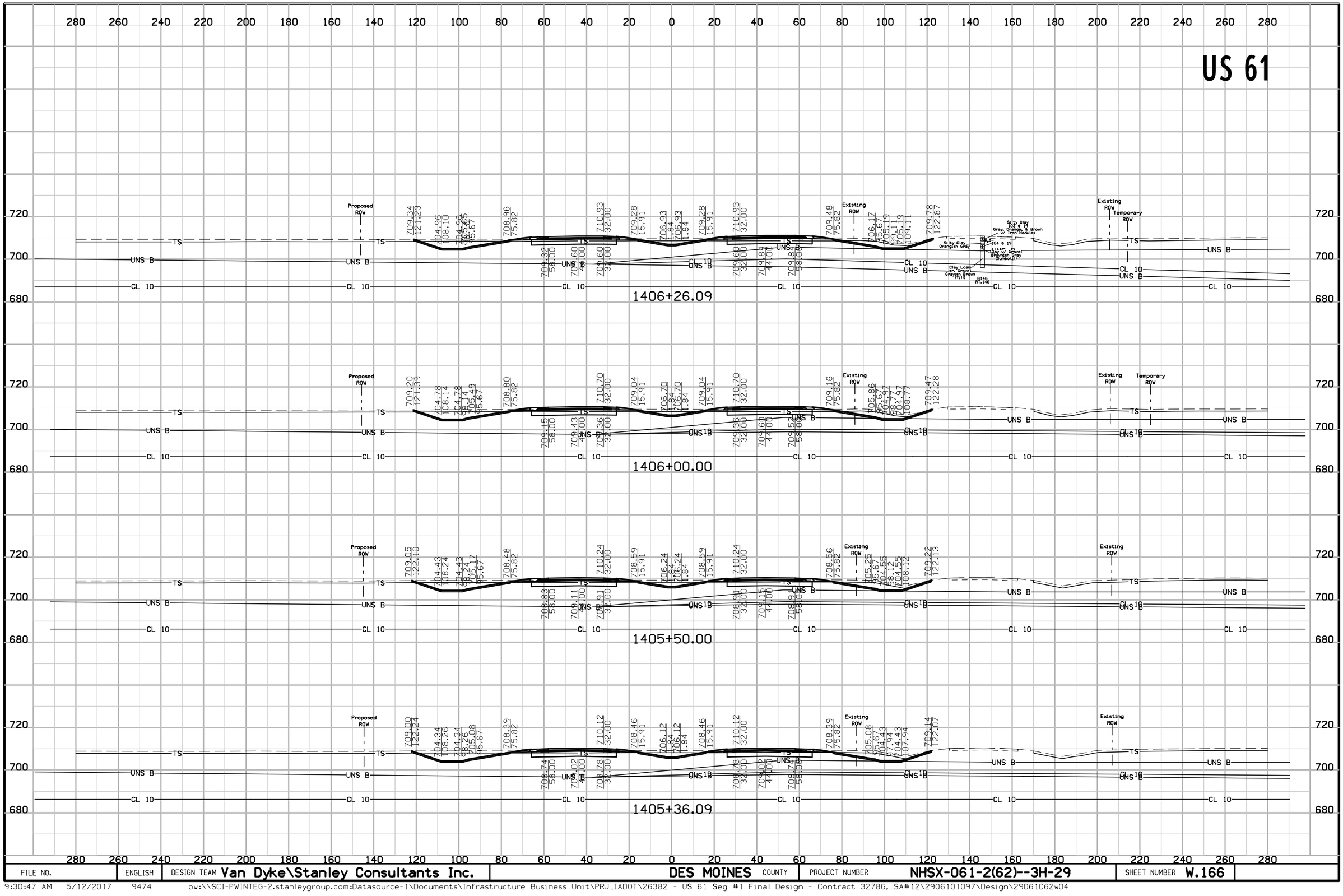
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.165

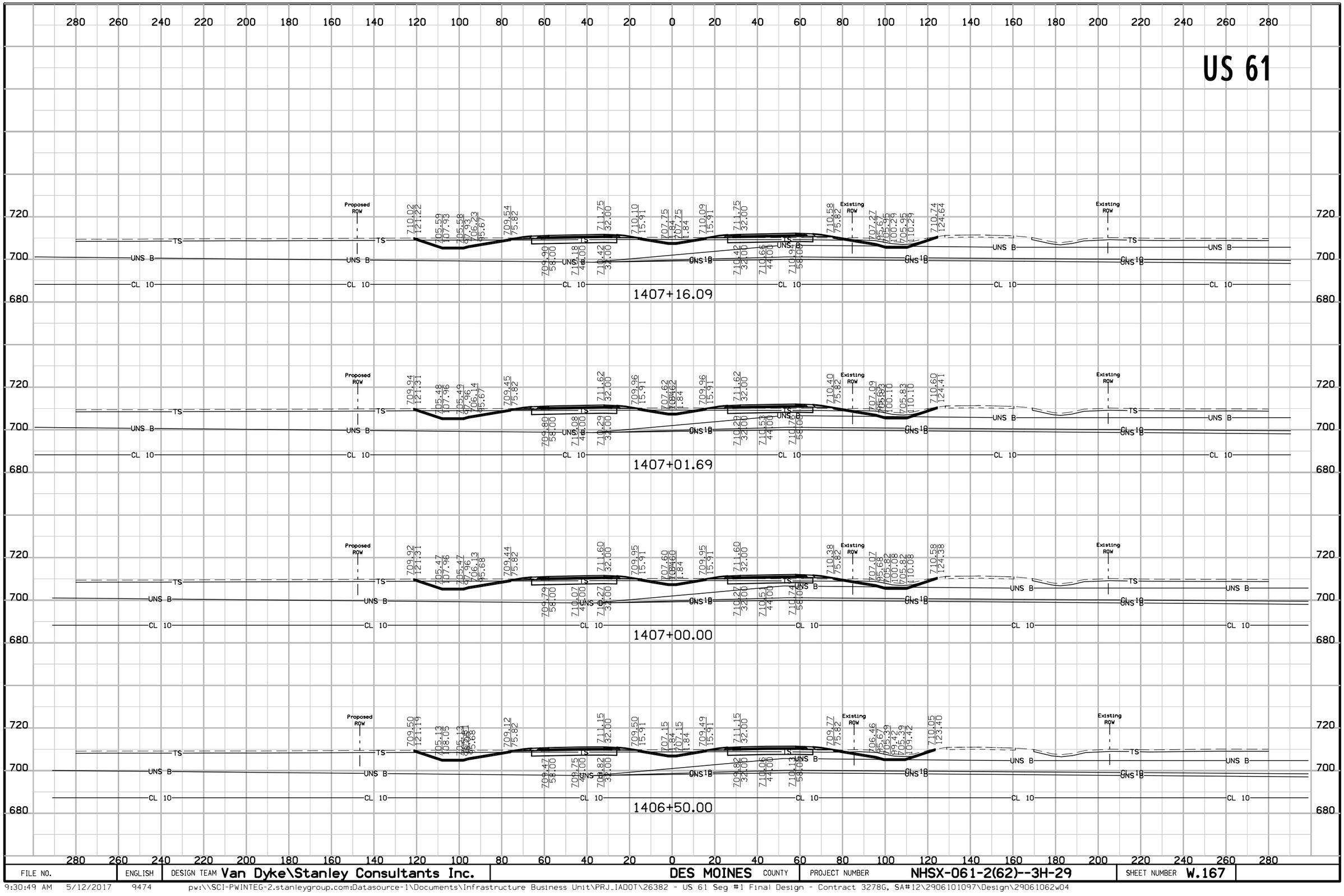
9:30:46 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



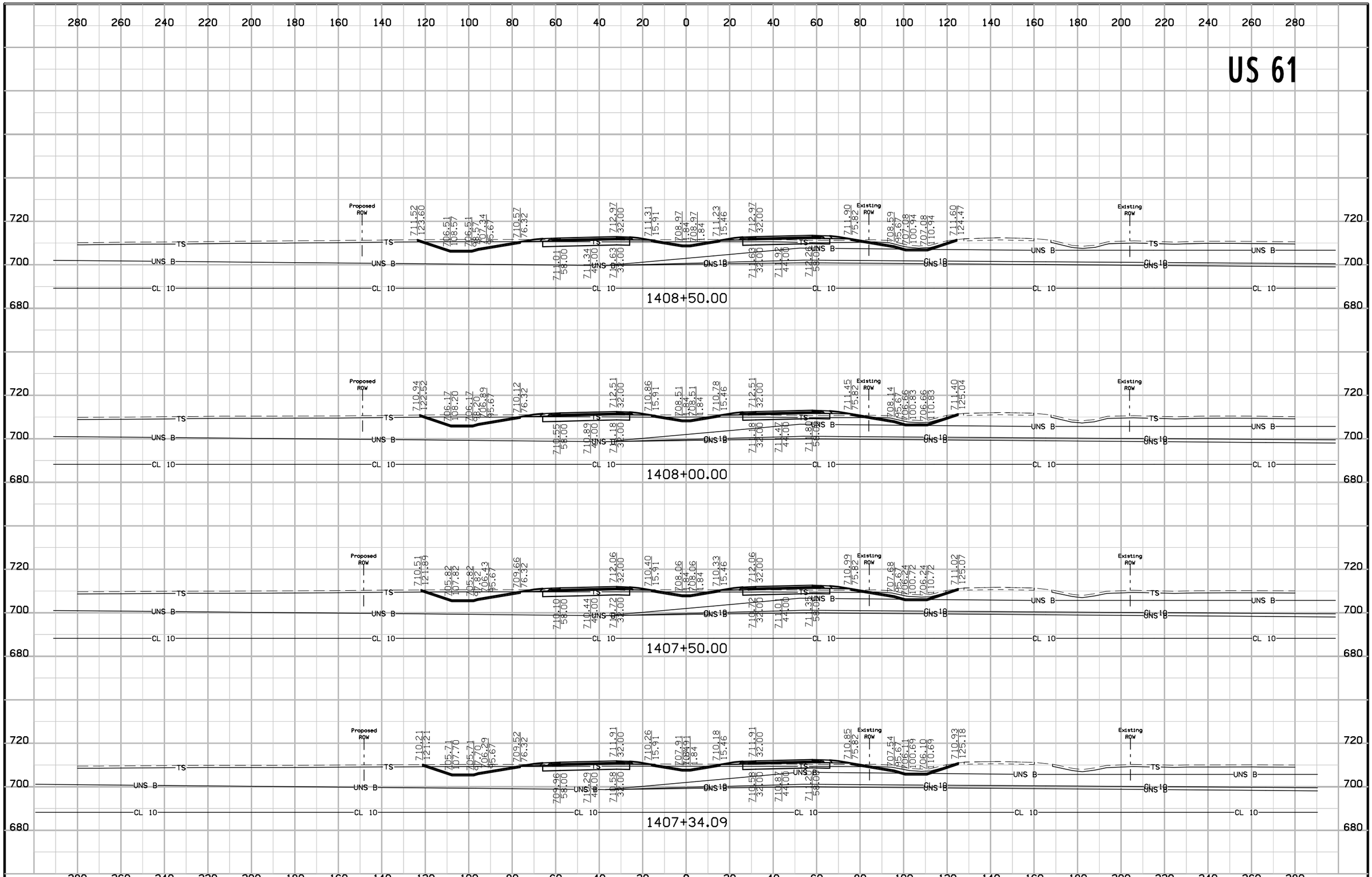
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.166

US 61



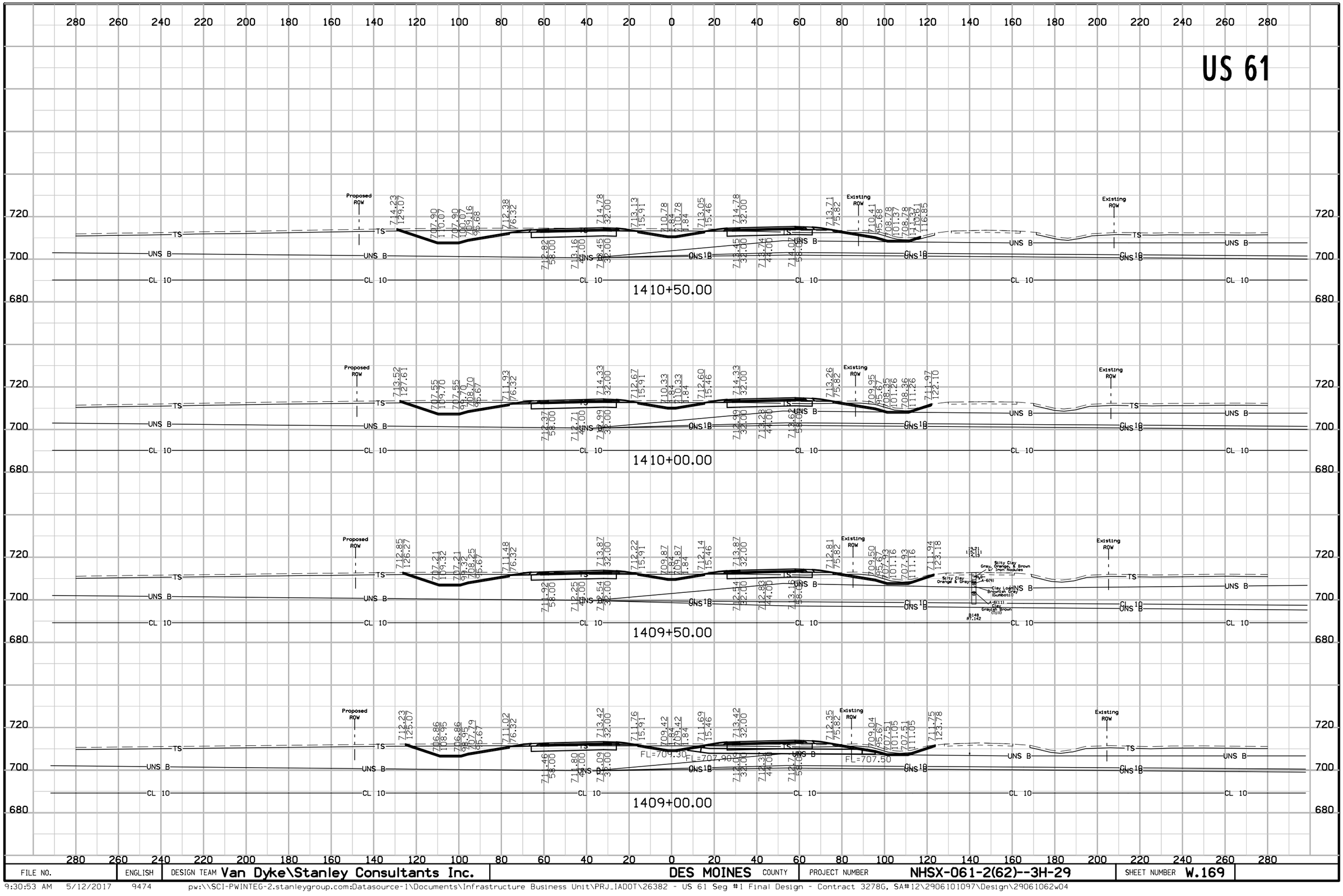
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.167

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.168

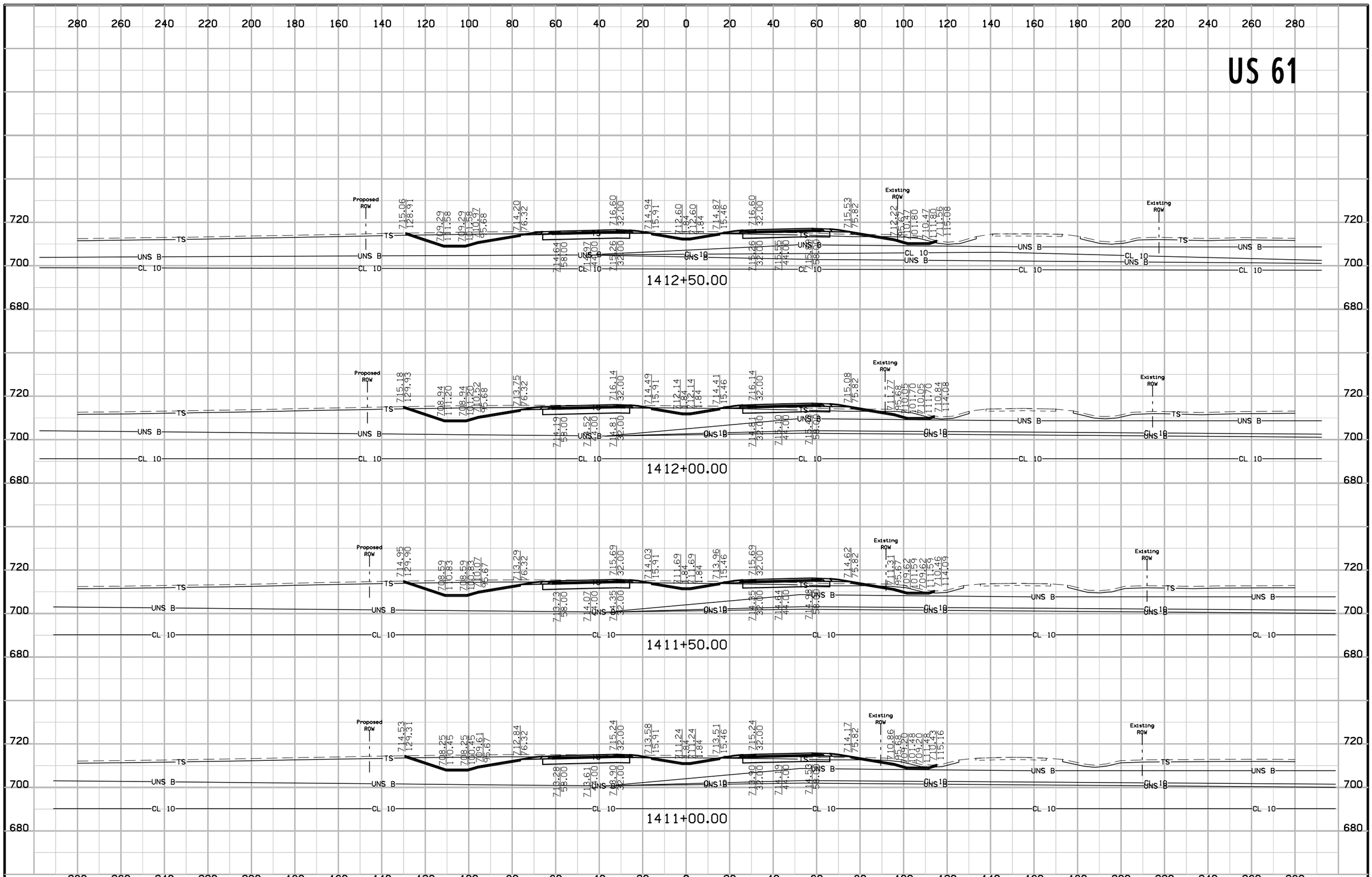
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.169

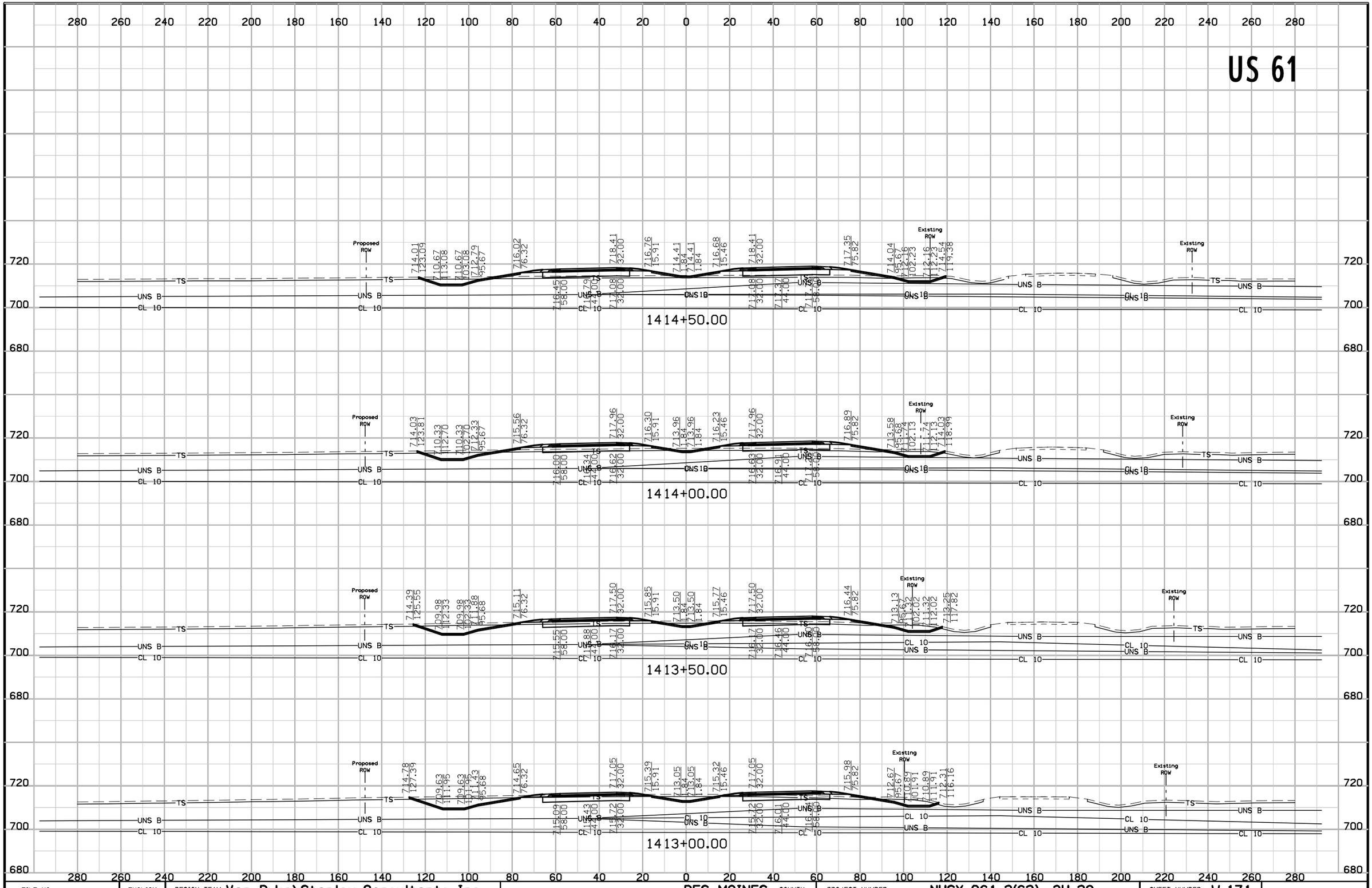
9:30:53 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



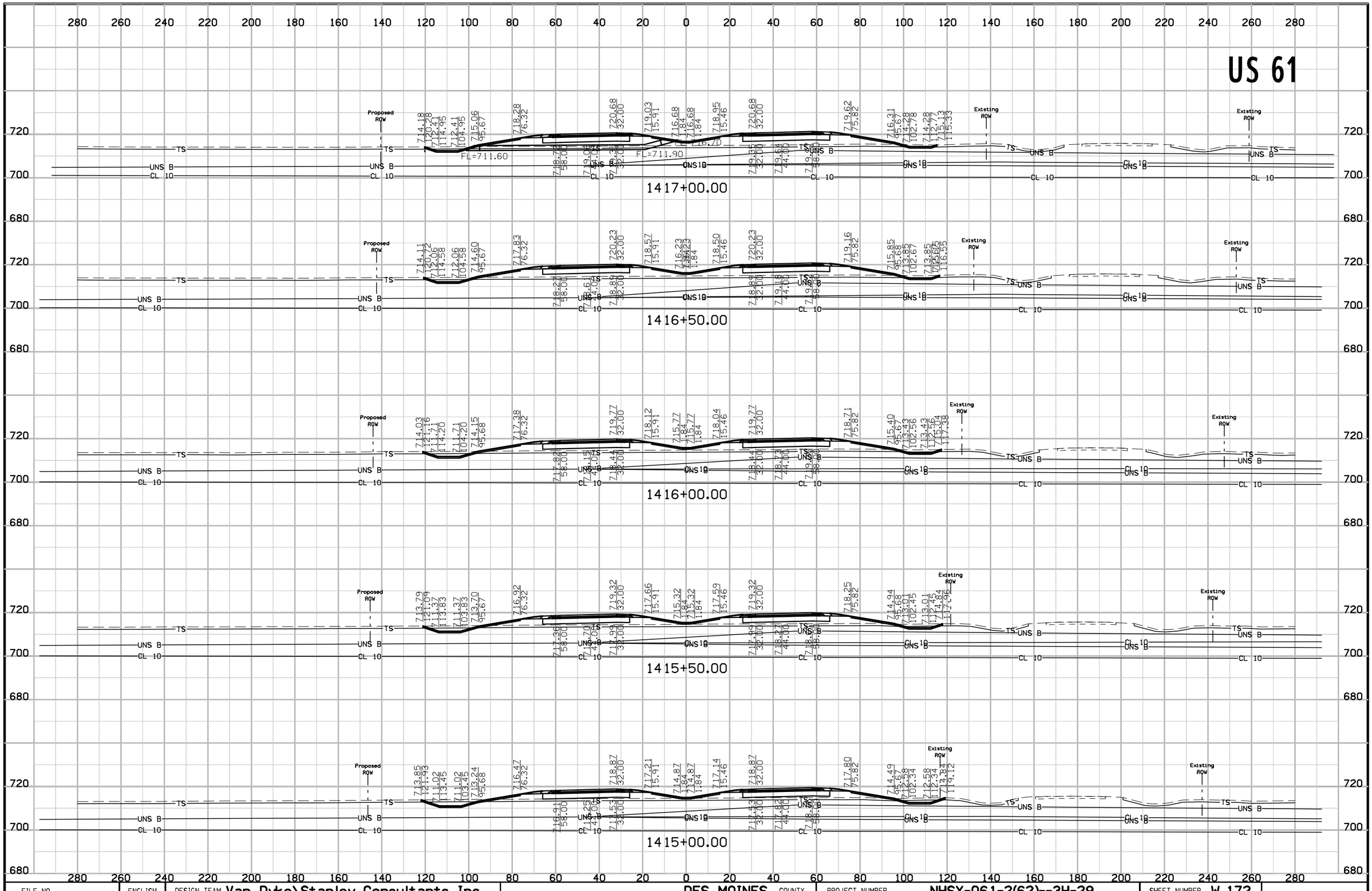
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.170

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.171

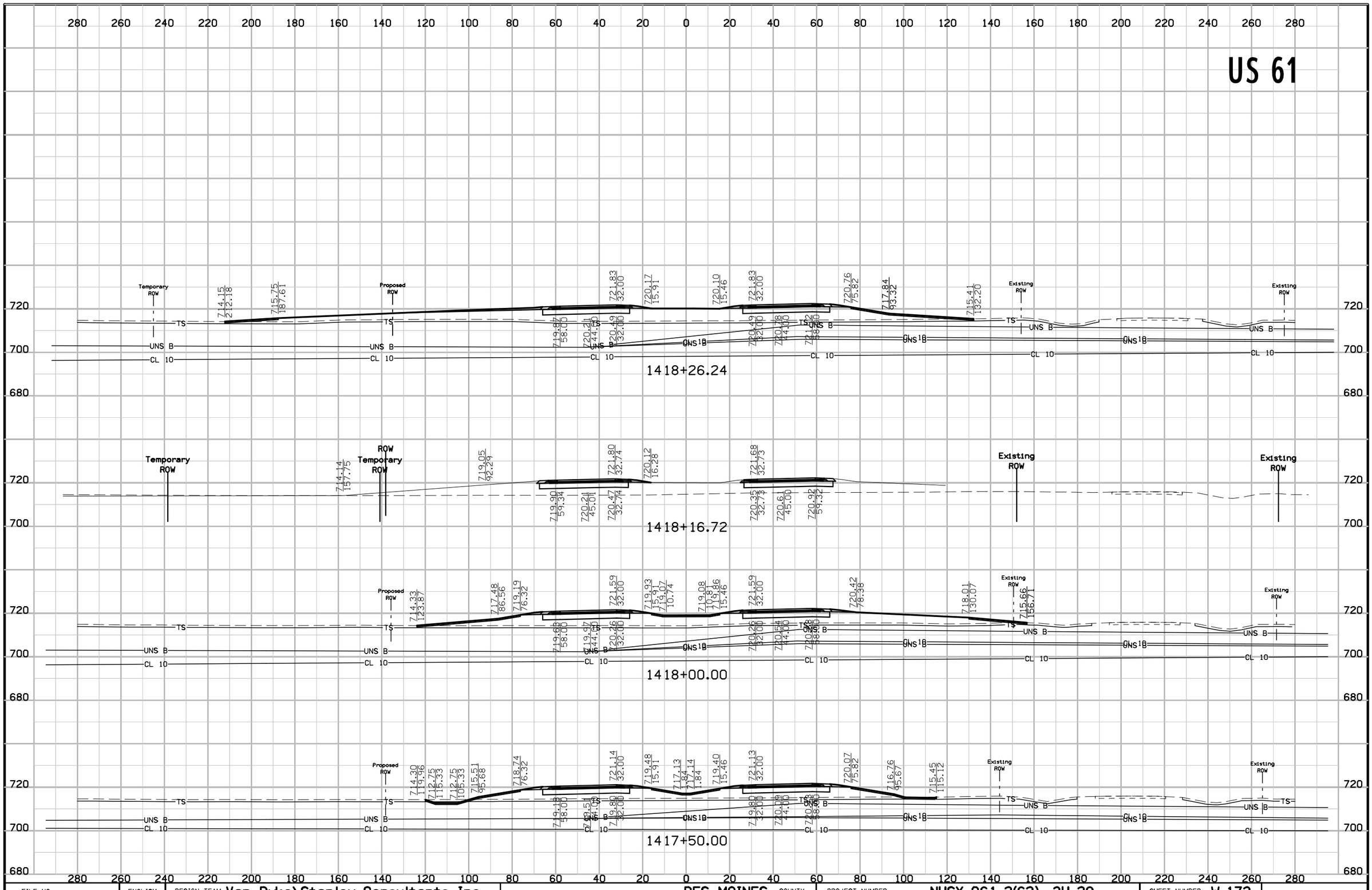
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.172

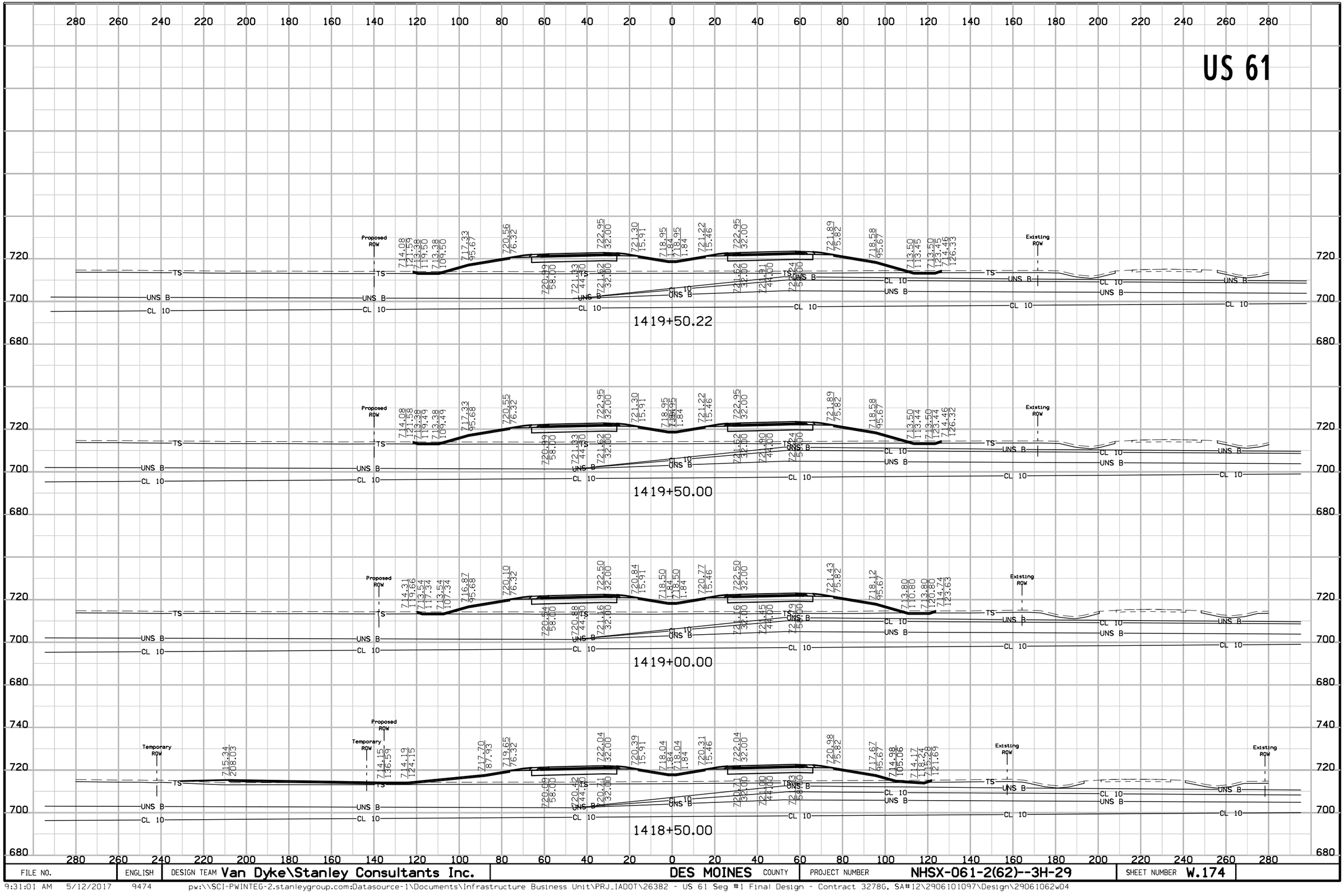
9:30:58 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61

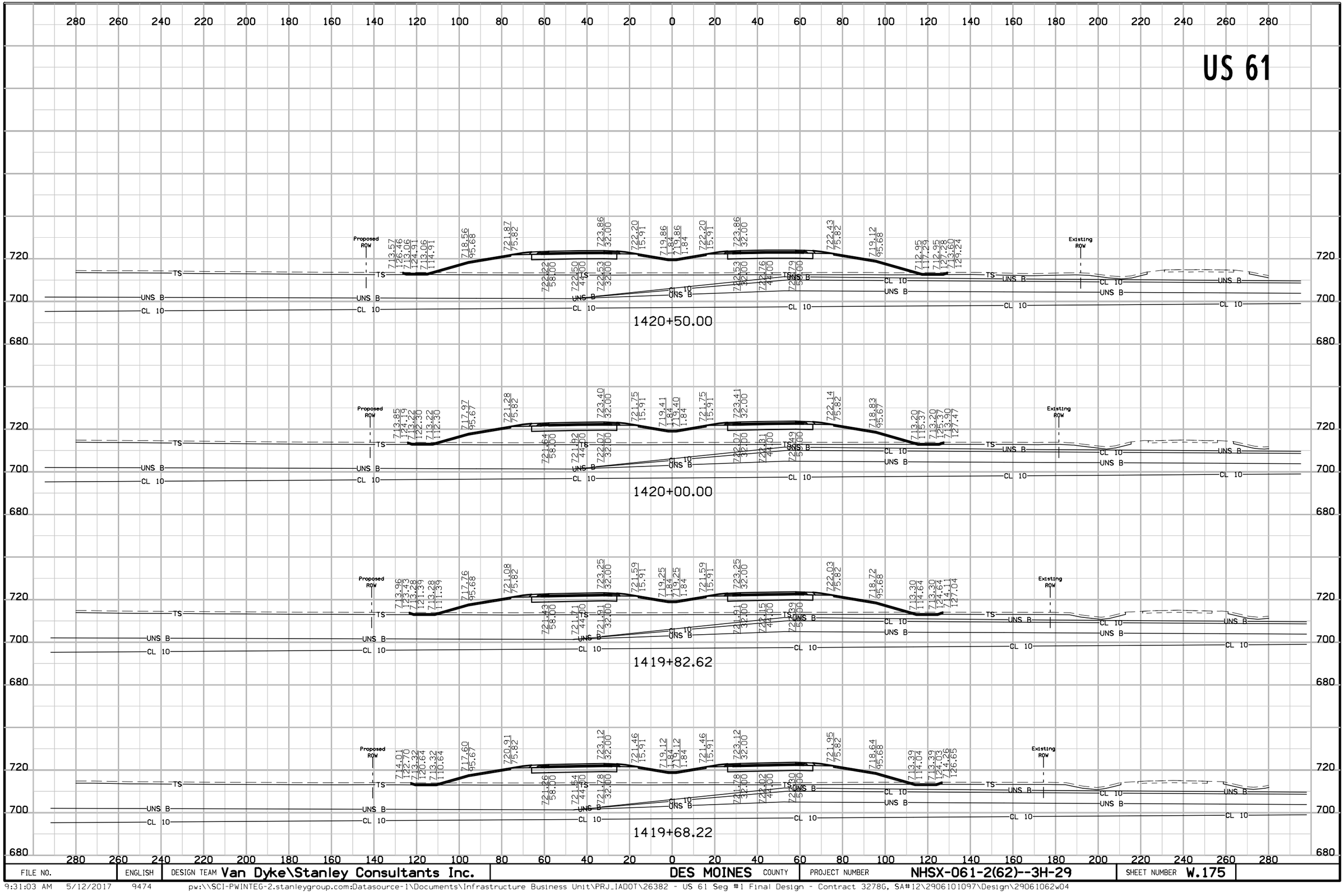


FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.173

US 61

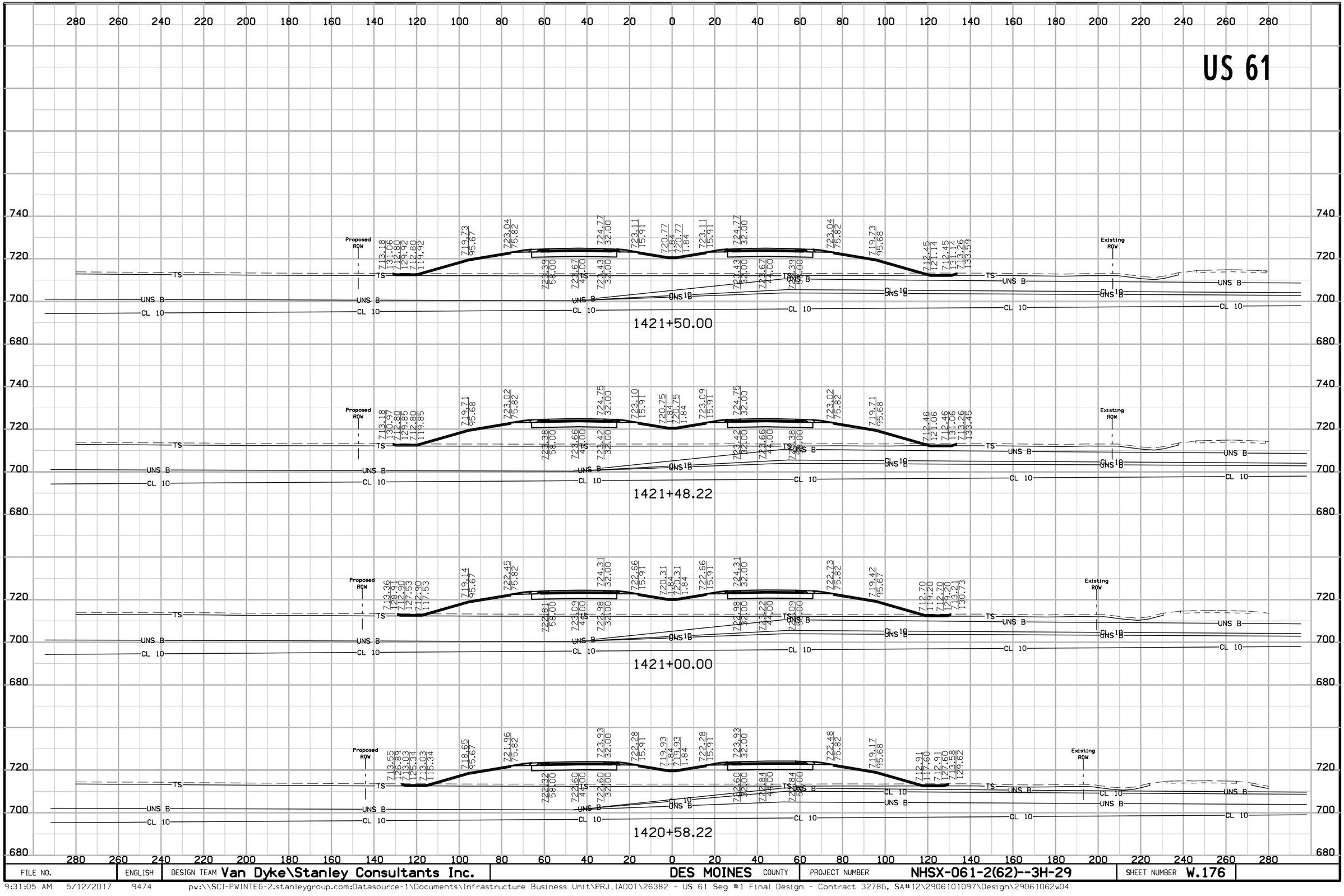

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280
720
700
680
740
Proposed ROW
Existing ROW
Temporary ROW
TS
UNS B
CL 10
714.08 121.59 713.38 119.50 713.38 109.50 717.33 95.67 720.56 76.32 722.95 32.00 721.30 15.91 718.95 1.84 718.95 1.84 721.22 15.46 722.95 32.00 721.89 75.82 718.58 95.67 713.50 113.45 713.50 123.45 714.46 126.33
720.99 58.00 721.83 44.00 721.62 32.00 721.62 32.00 721.91 44.00 722.24 55.00
1419+50.22
714.08 121.58 713.38 119.49 713.38 109.49 717.33 95.68 720.55 76.32 722.95 32.00 721.30 15.91 718.95 1.84 718.95 1.84 721.22 15.46 722.95 32.00 721.89 75.82 718.58 95.67 713.50 113.44 713.50 123.44 714.46 126.32
720.99 58.00 721.83 44.00 721.62 32.00 721.62 32.00 721.90 44.00 722.24 55.00
1419+50.00
714.31 119.66 713.54 117.34 713.54 107.34 716.87 95.68 720.10 76.32 722.50 32.00 720.84 15.91 718.50 1.84 718.50 1.84 720.77 15.46 722.50 32.00 721.43 75.82 718.12 95.67 713.80 110.80 713.80 120.80 714.74 123.63
720.94 58.00 720.88 44.00 721.16 32.00 721.16 32.00 721.45 44.00 722.09 55.00
1419+00.00
715.34 208.03 714.15 136.59 714.19 124.15 717.70 87.93 719.65 76.32 722.04 32.00 720.39 15.91 718.04 1.84 718.04 1.84 720.31 15.46 722.04 32.00 720.98 75.22 717.67 95.67 714.98 105.06 714.17 118.24 715.28 121.69
720.99 58.00 720.42 44.00 720.71 32.00 720.71 32.00 721.00 44.00 722.03 58.00
1418+50.00
FILE NO. | ENGLISH | DESIGN TEAM Van Dyke\Stanley Consultants Inc. | DES MOINES COUNTY | PROJECT NUMBER NHSX-061-2(62)--3H-29 | SHEET NUMBER W.174
9:31:01 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



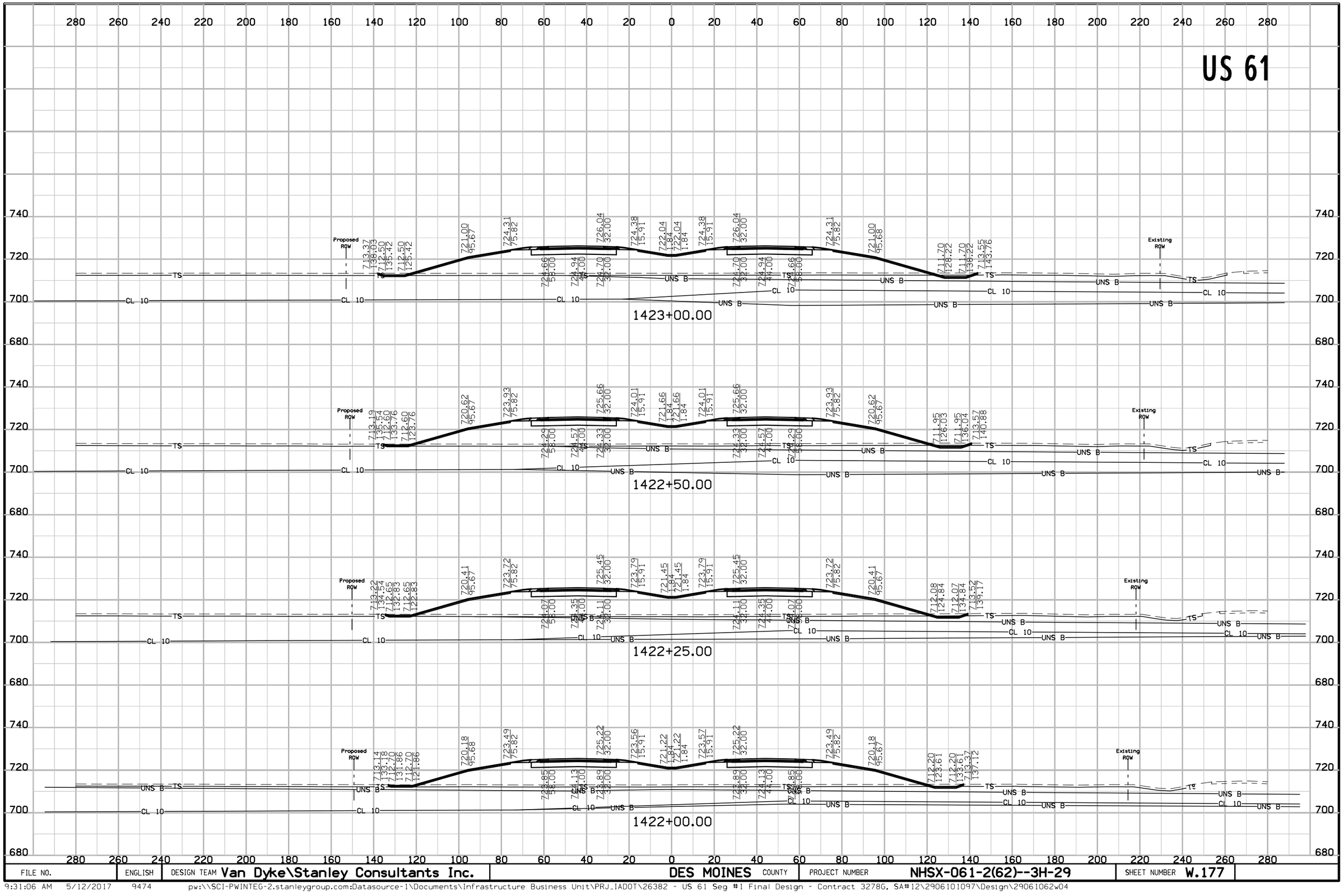
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.175

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.176

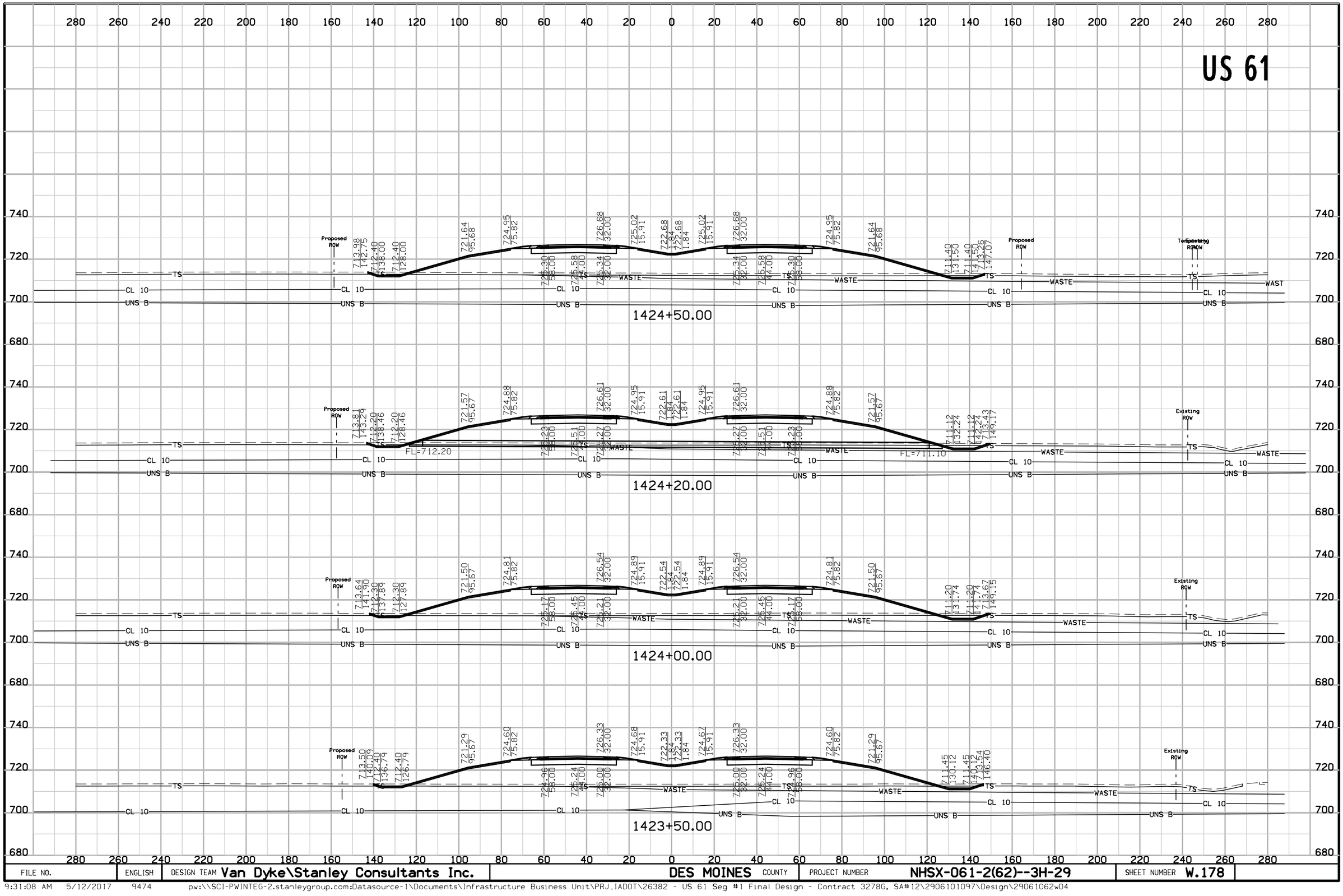
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.177

9:31:06 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

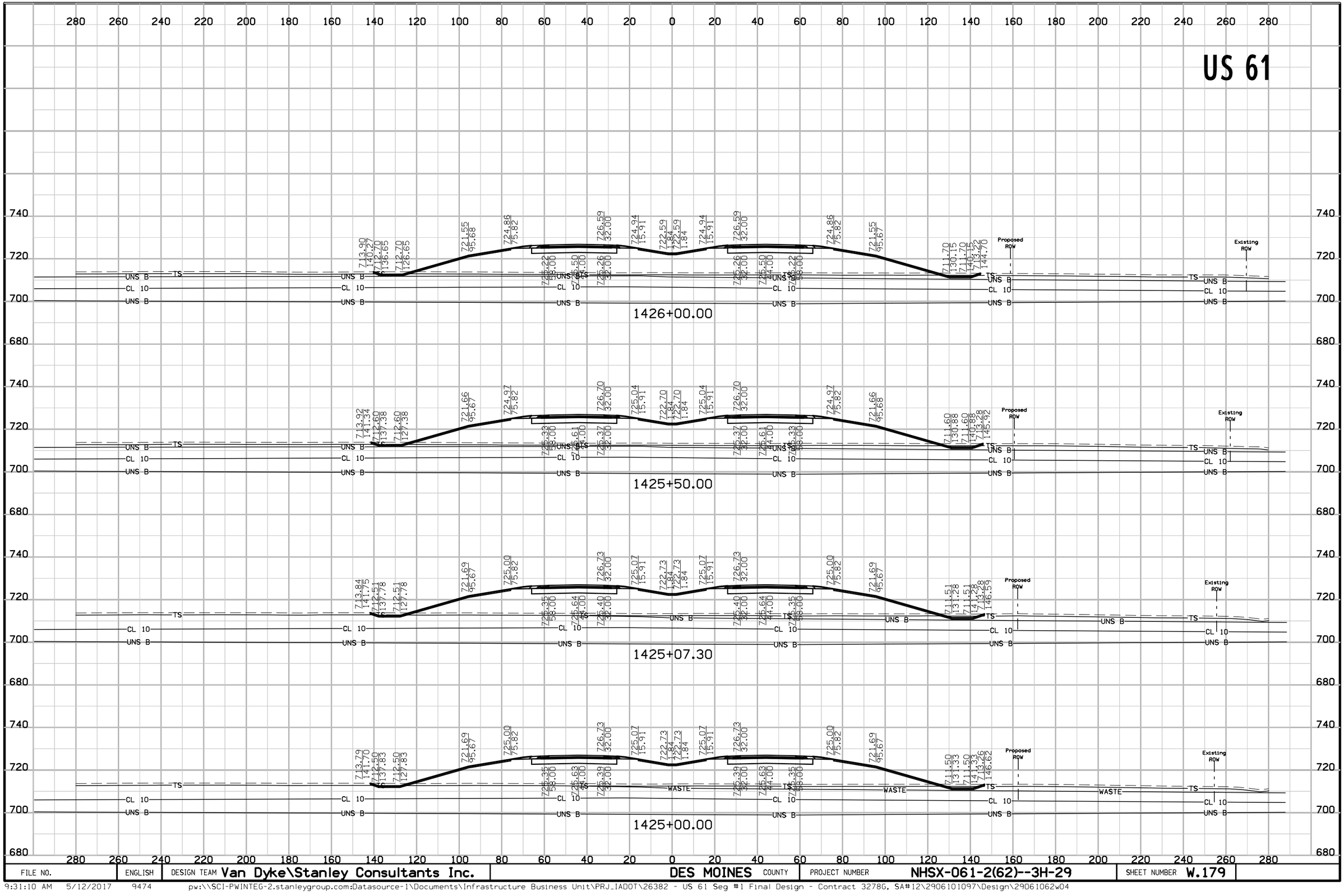
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.178

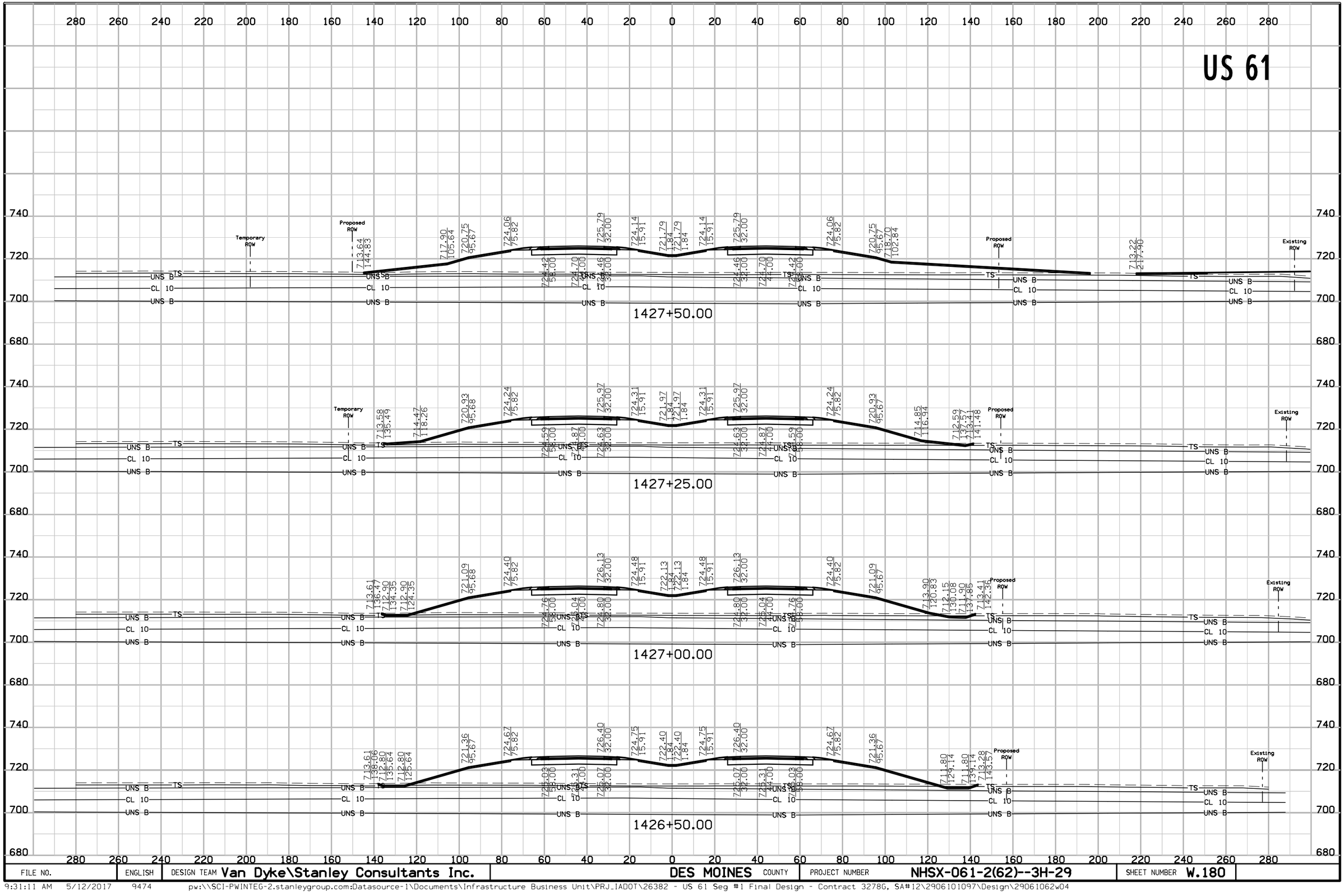
9:31:08 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.179

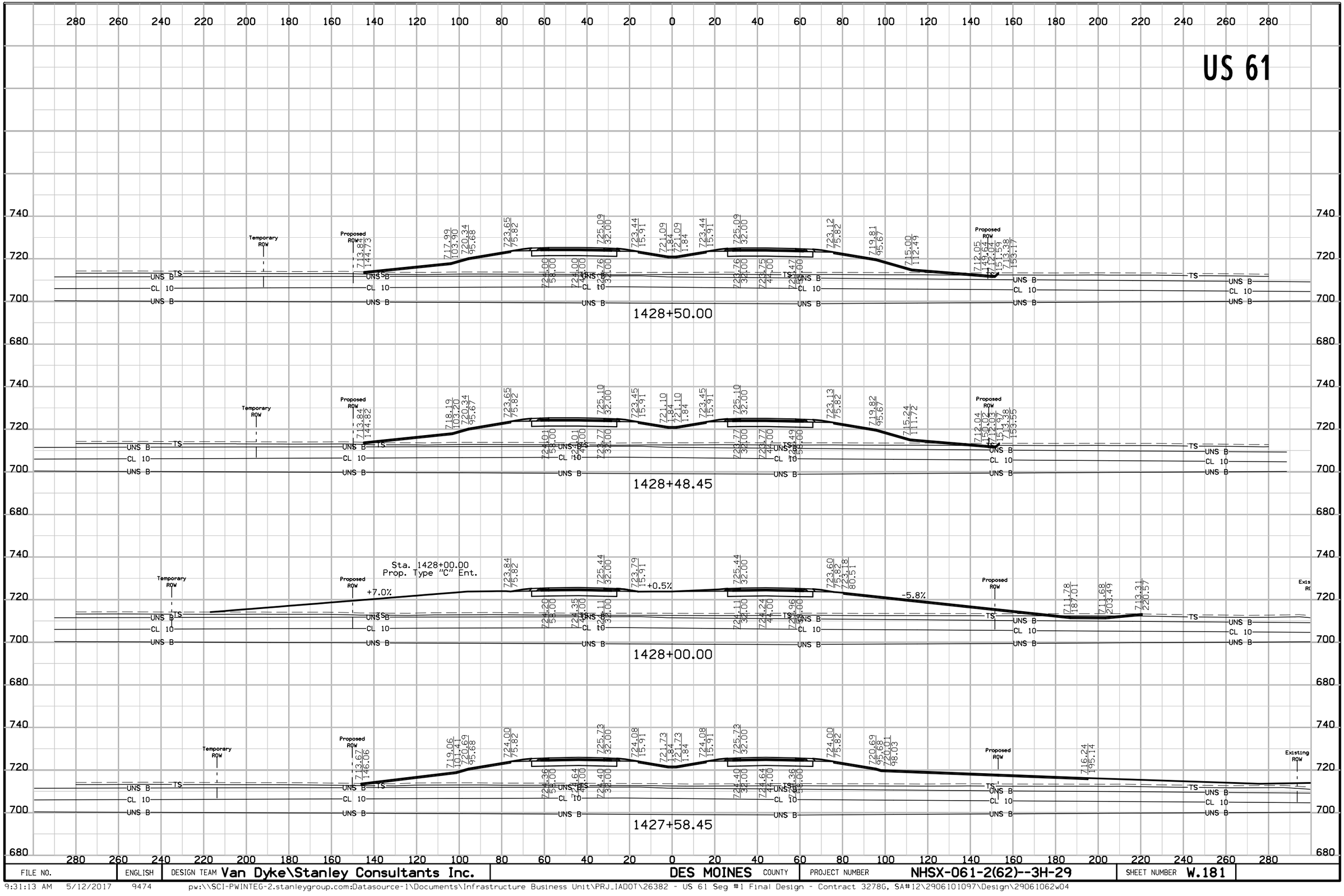
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.180

9:31:11 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

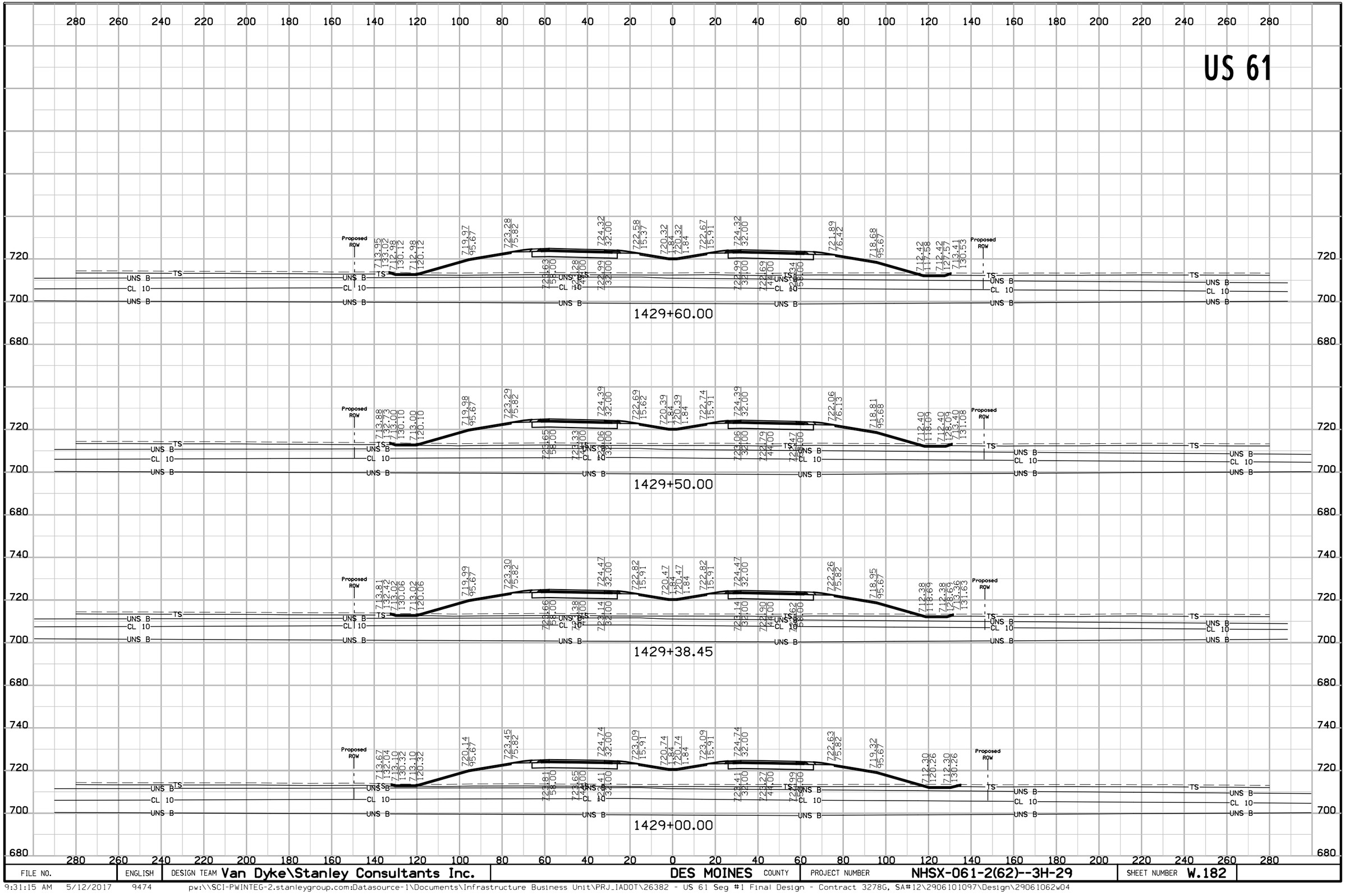
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.181

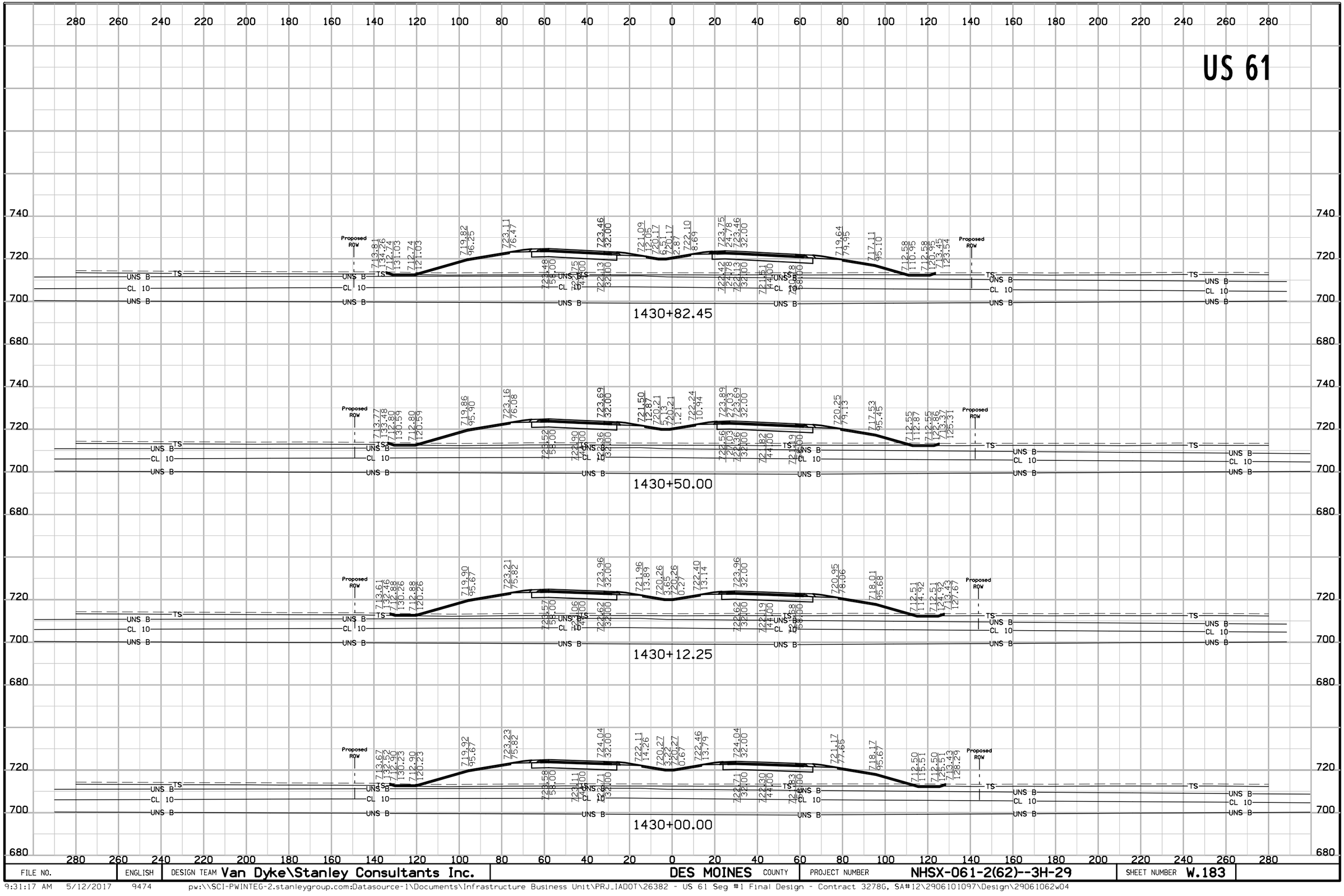
9:31:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.182

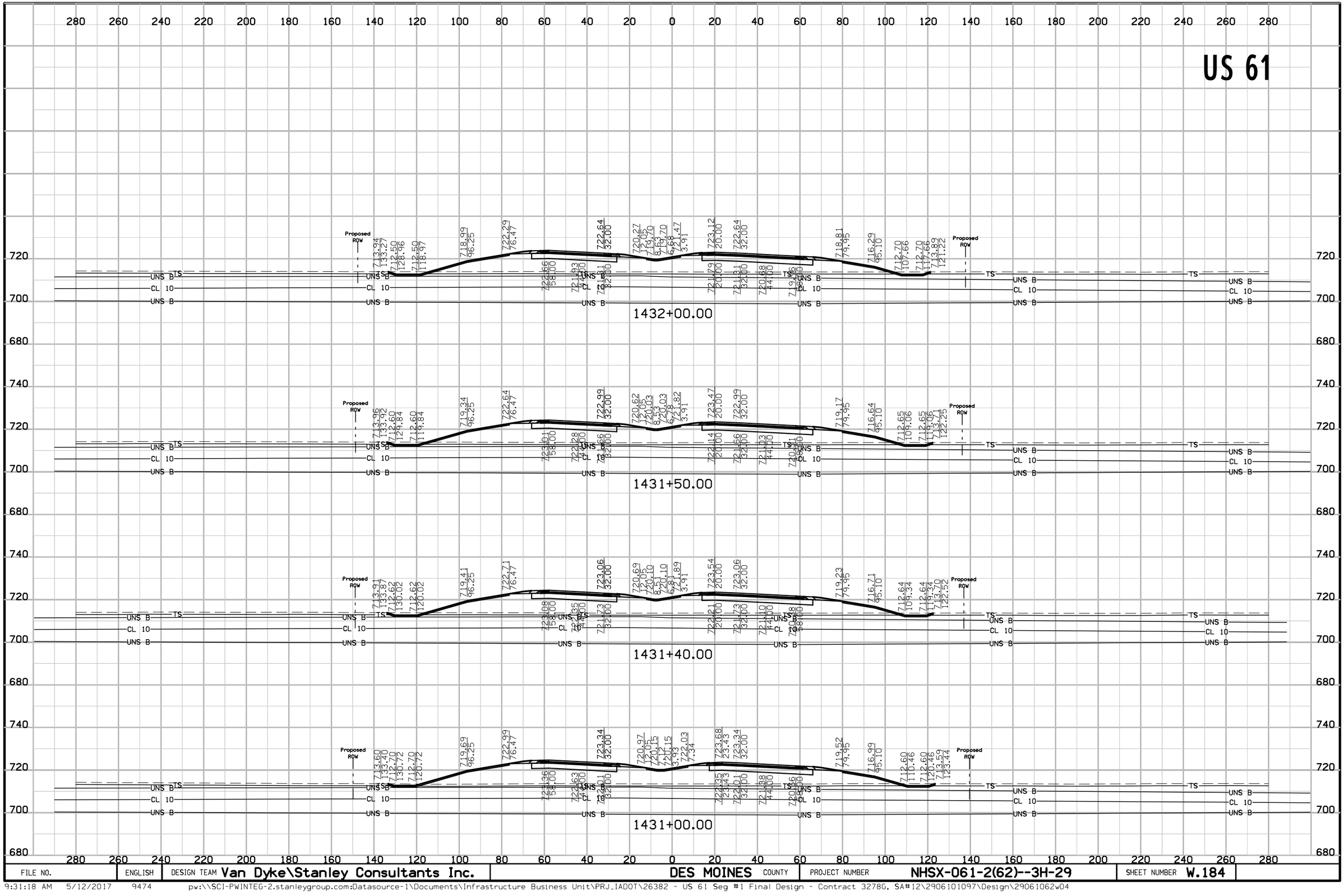
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.183

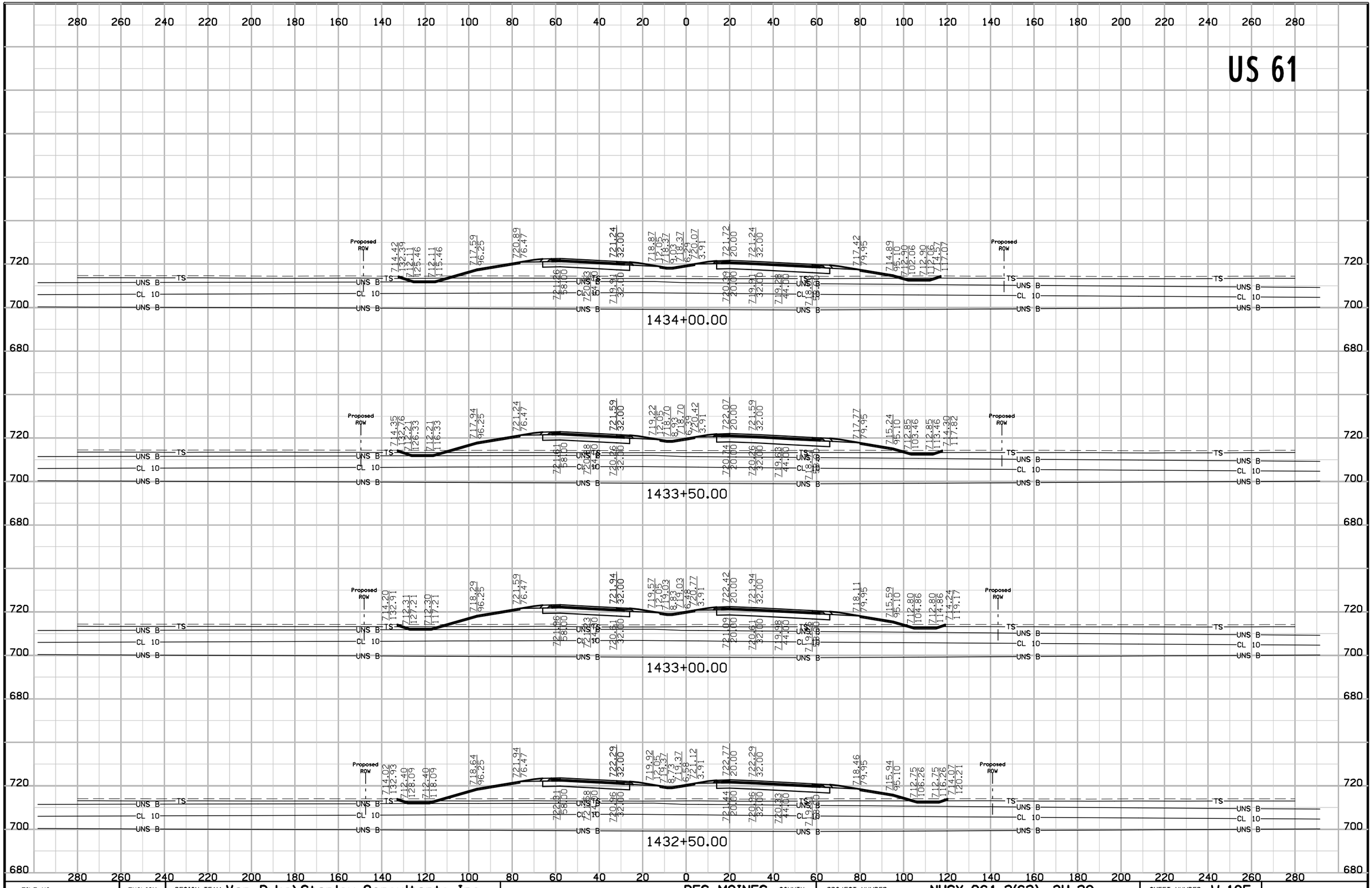
9:31:17 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



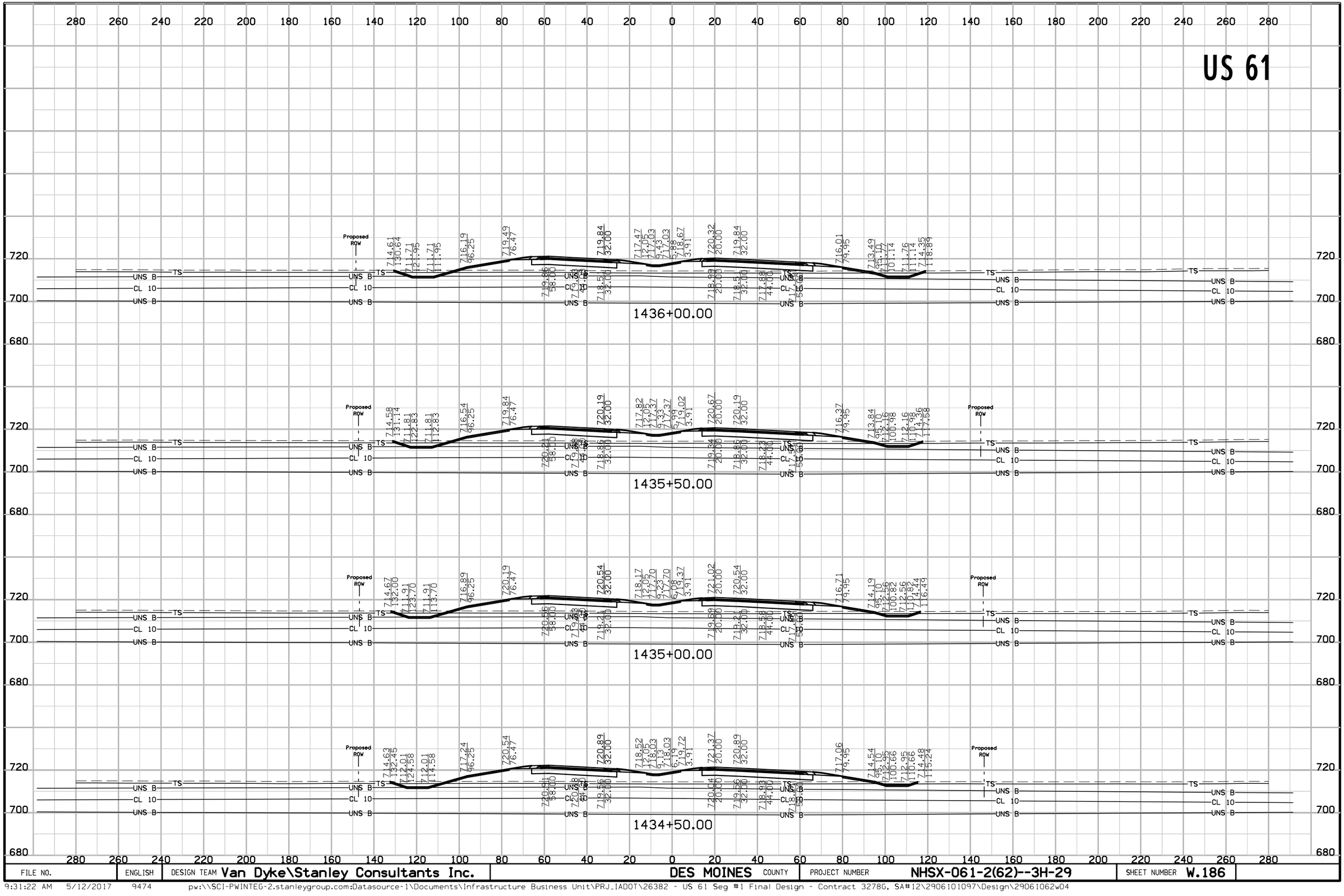
9:31:18 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



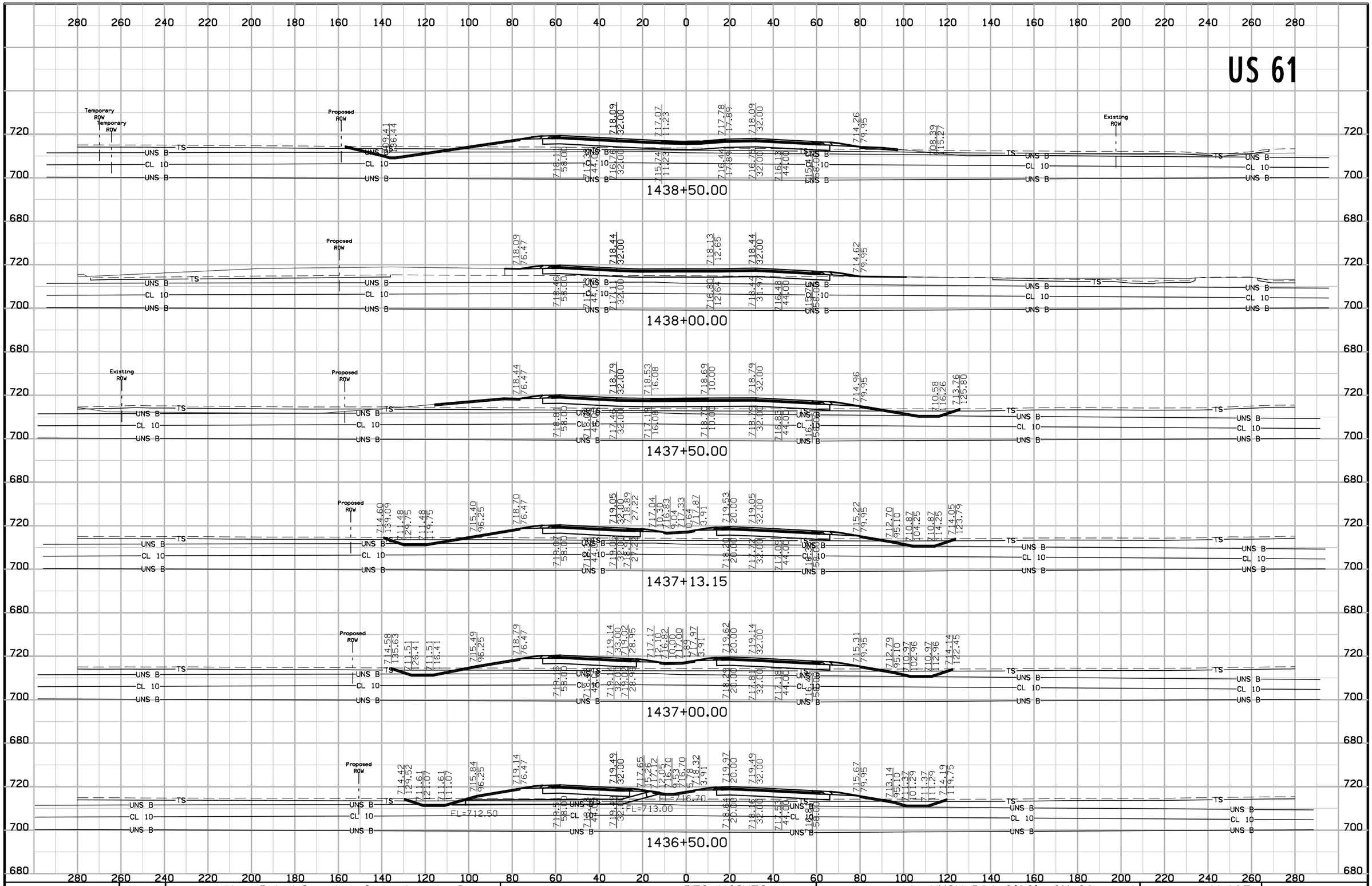
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.185

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.186

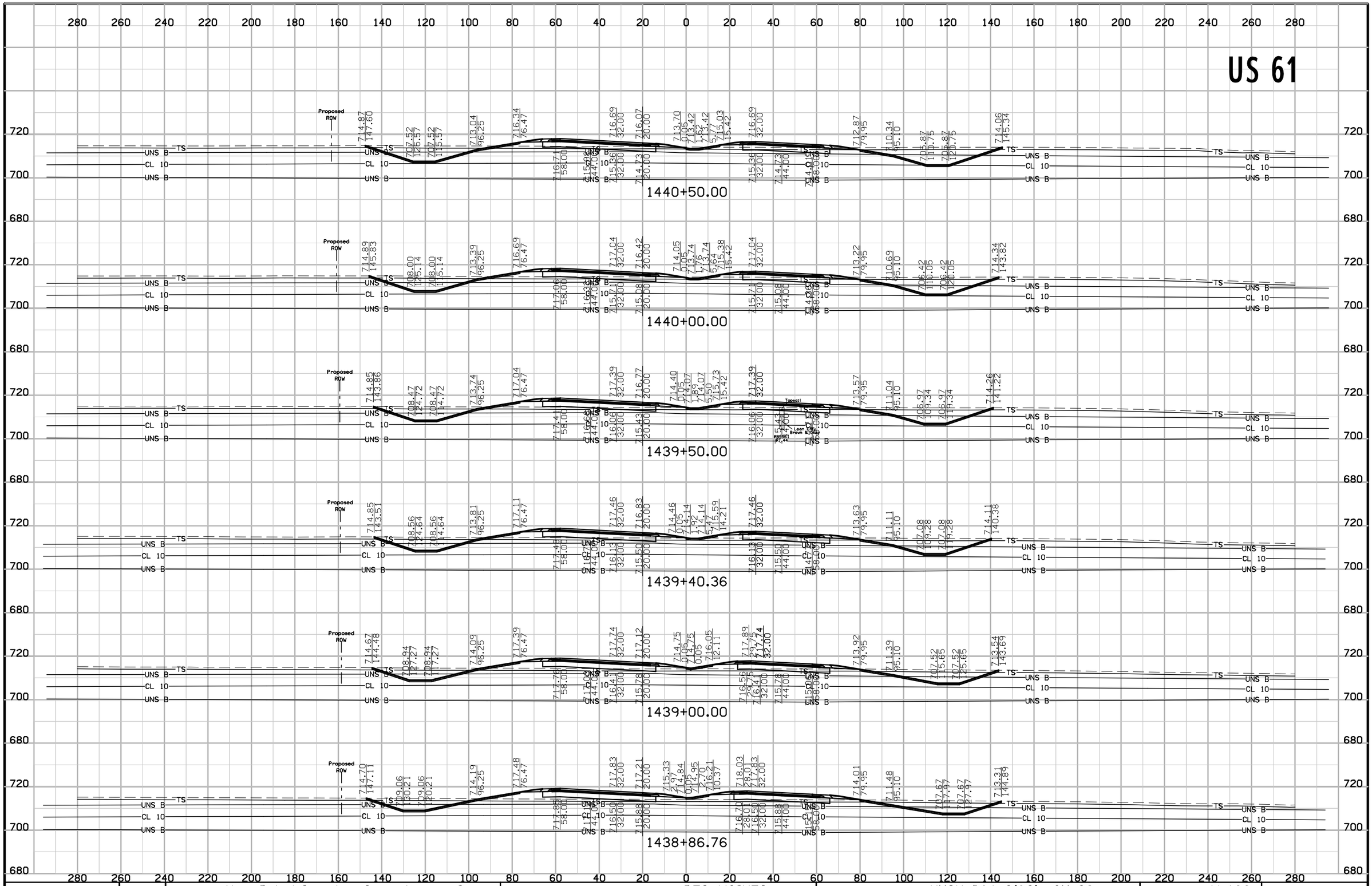
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.187

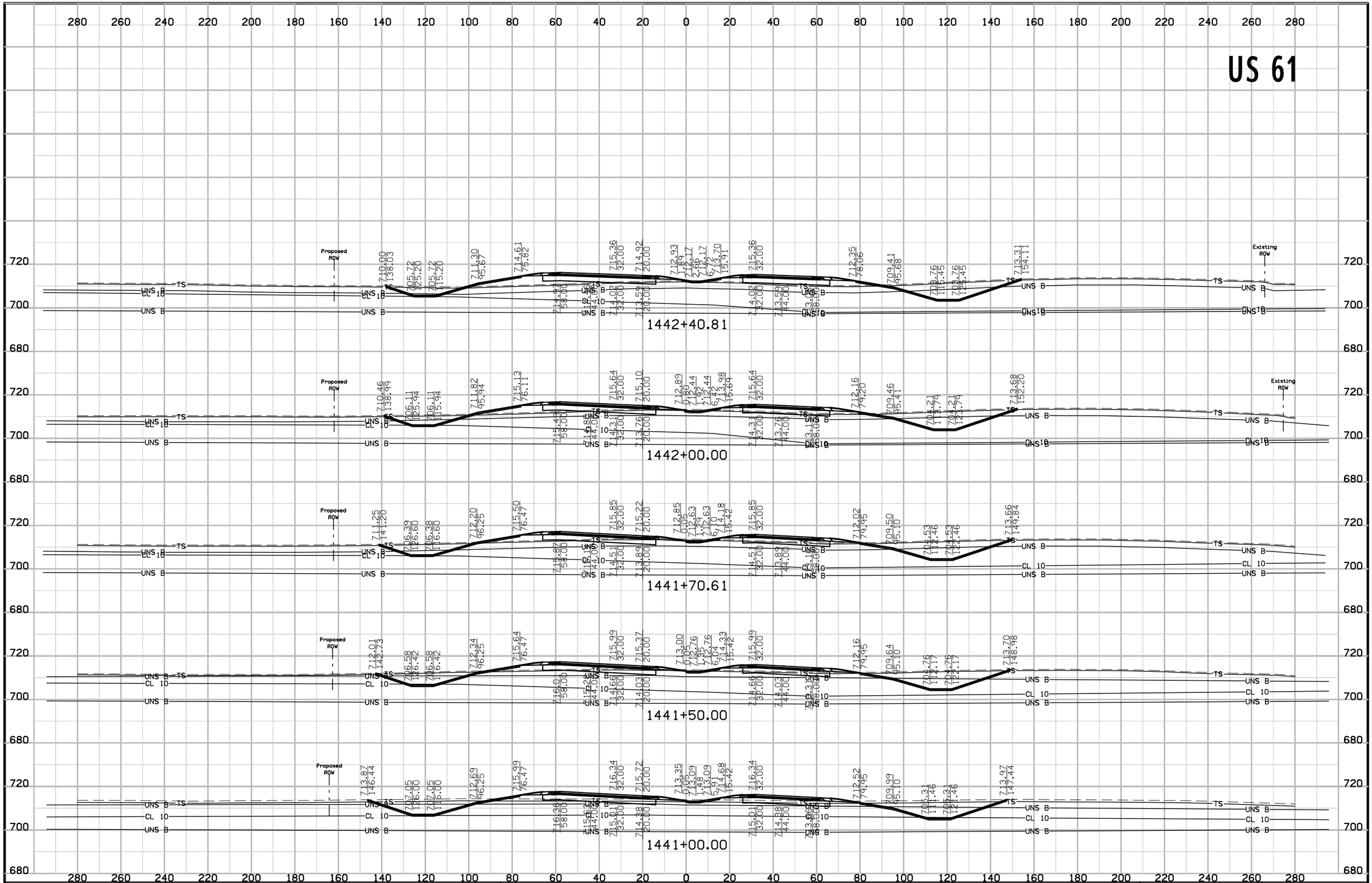
9:31:23 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



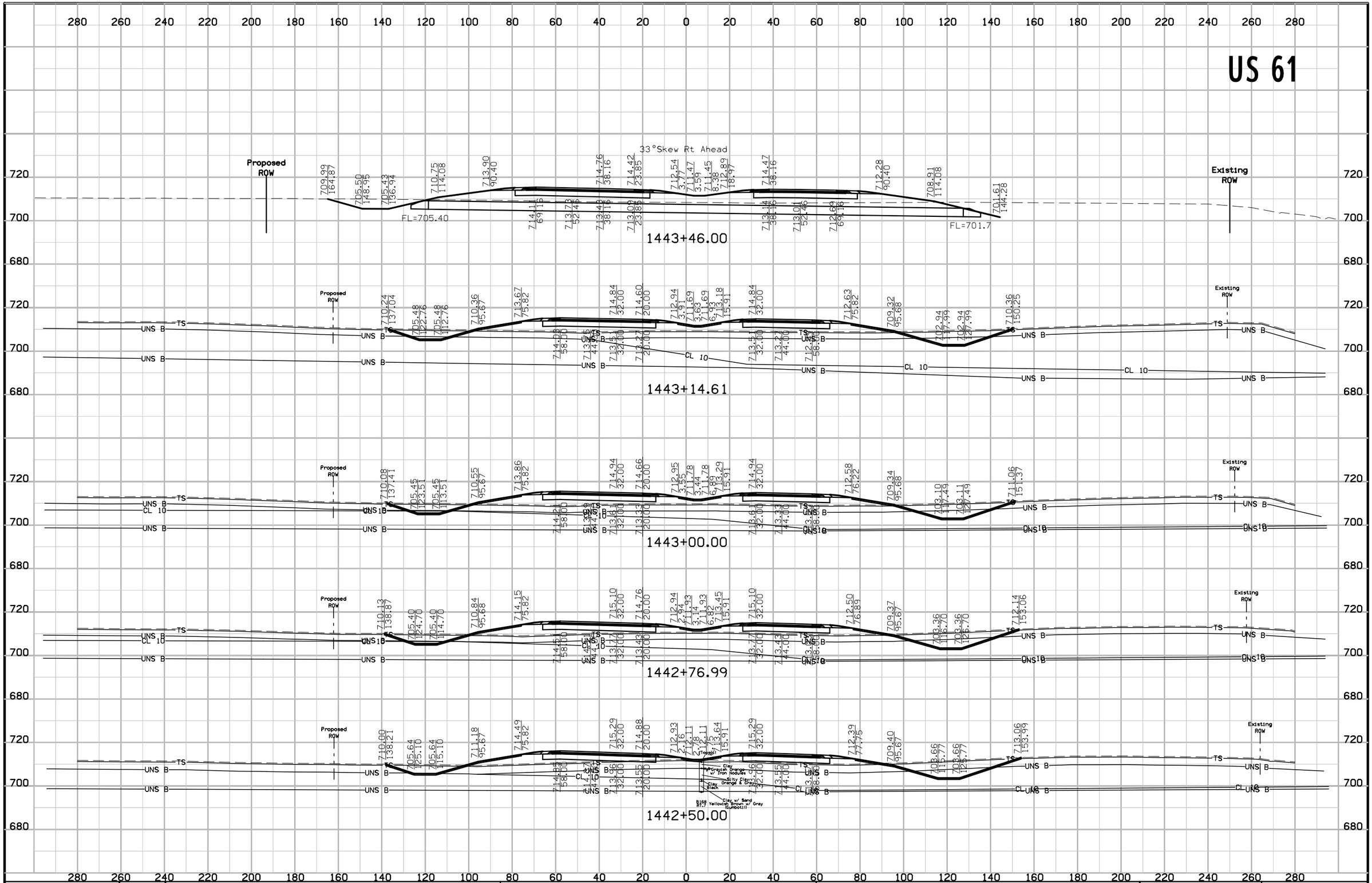
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.188

US 61



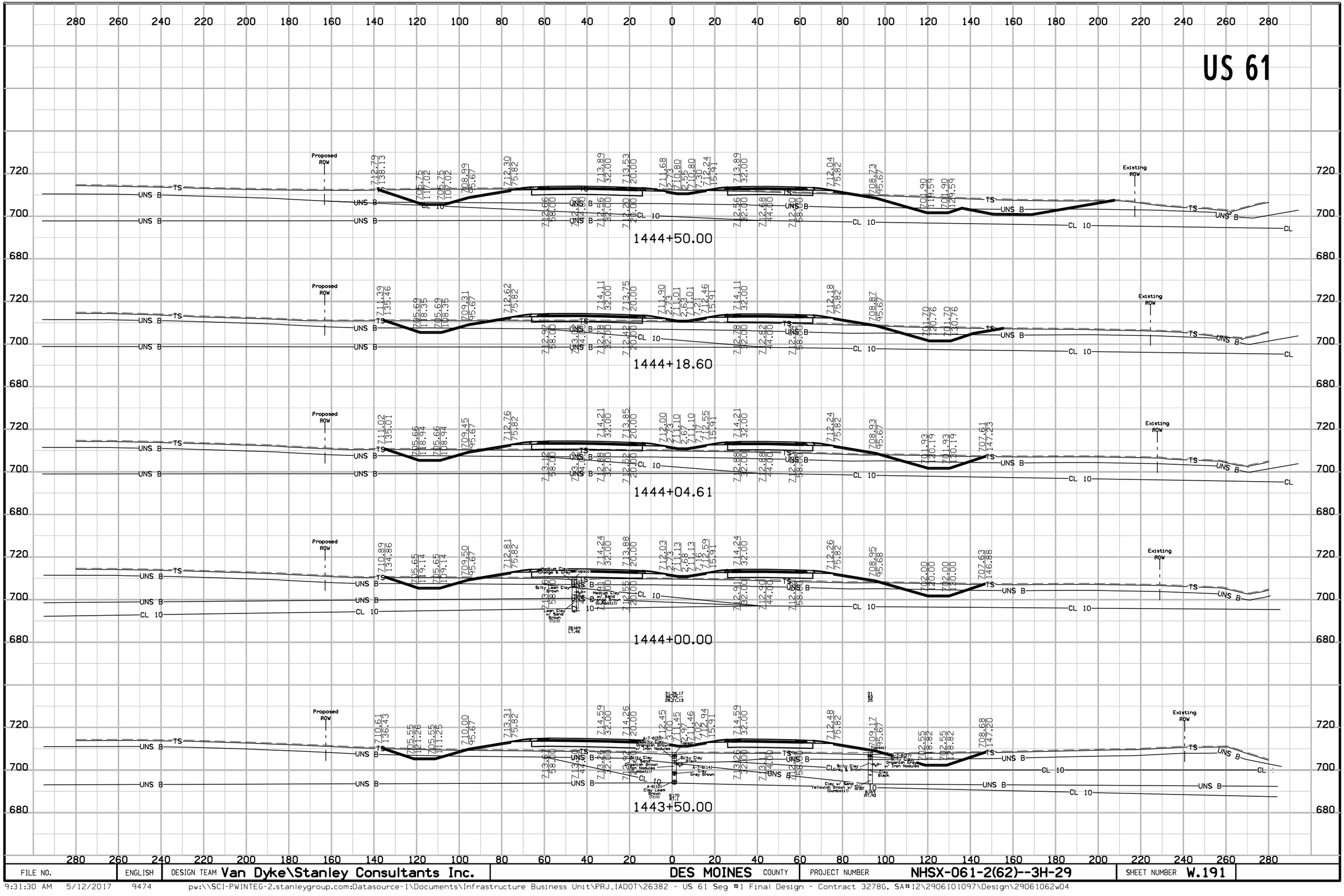
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.189

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.190

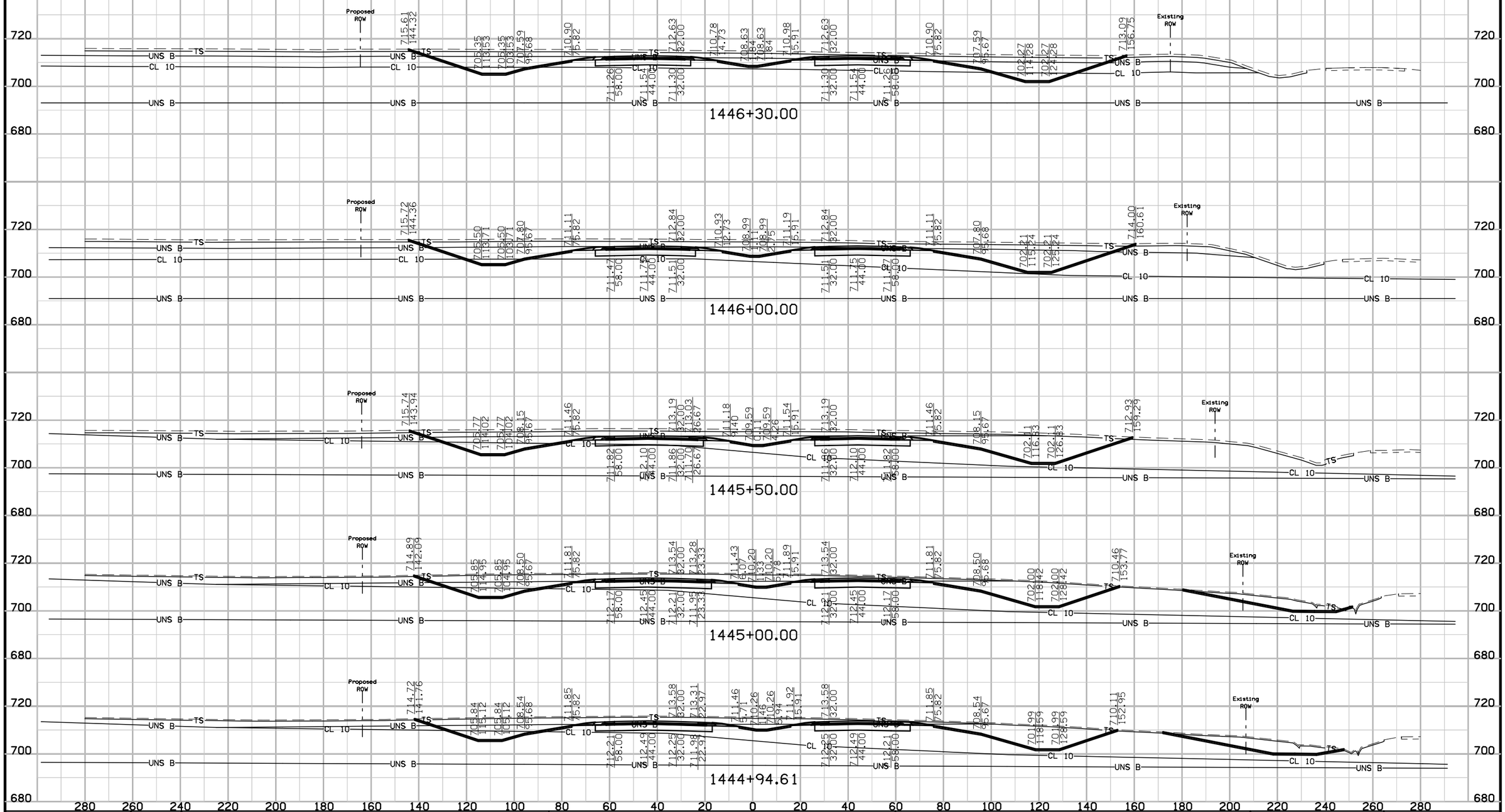
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.191

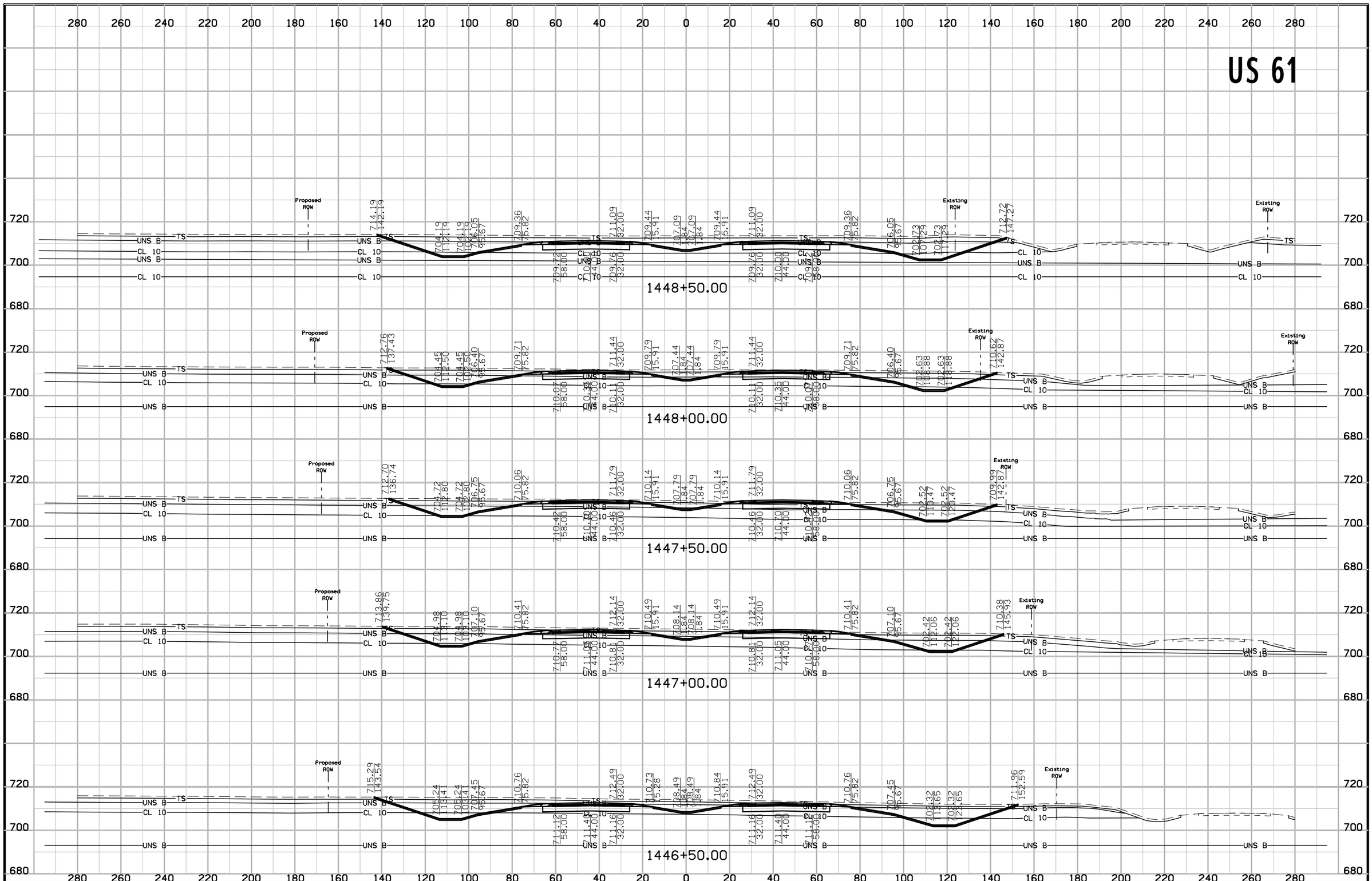
9:31:30 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



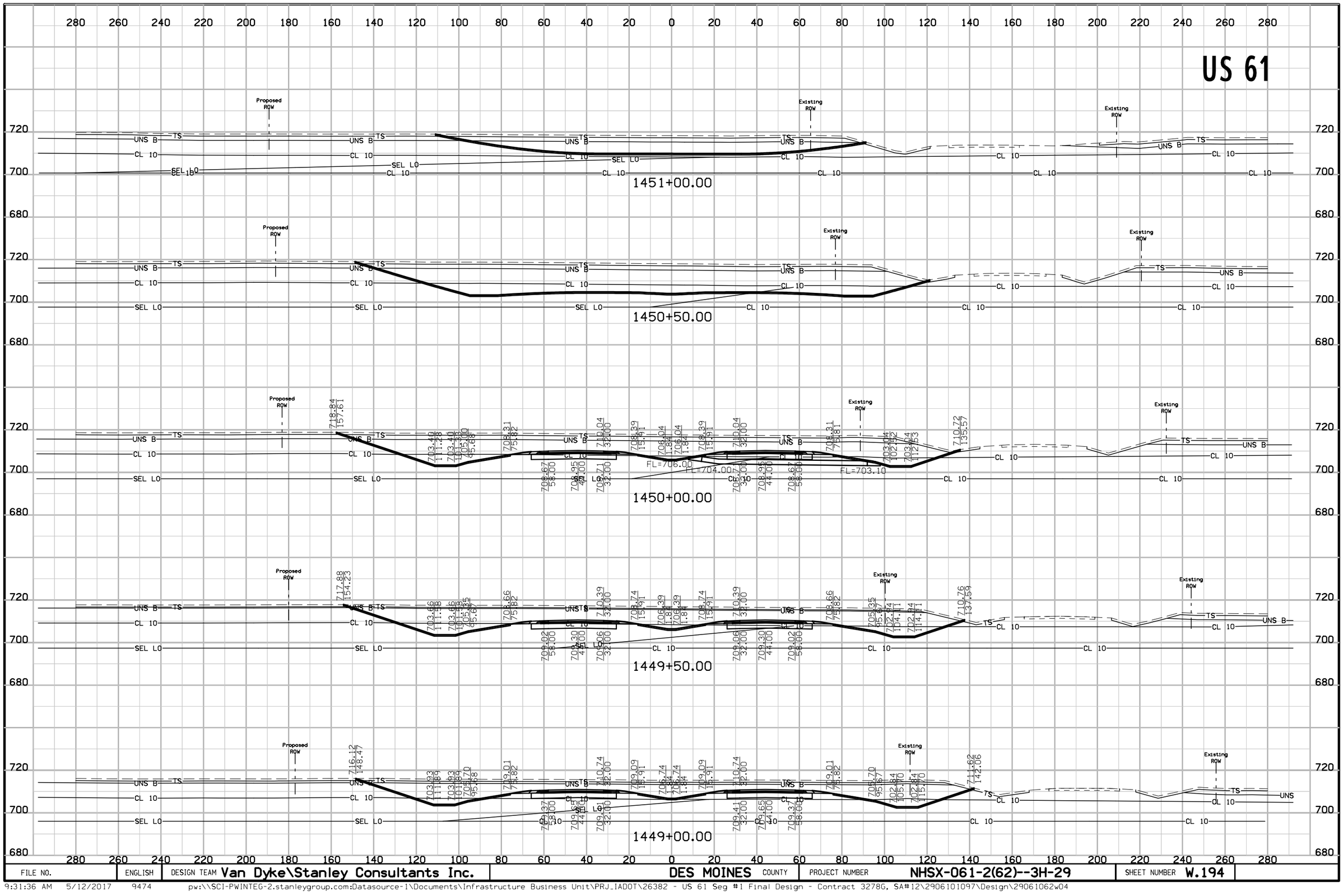
9:31:32 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.193

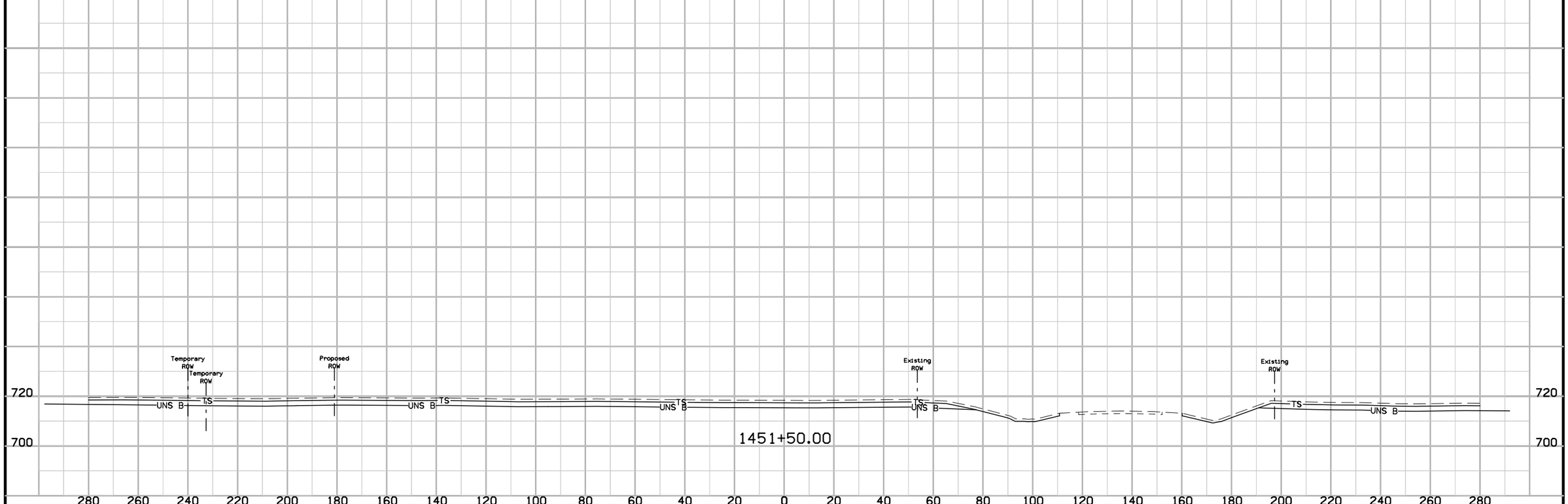
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.194

9:31:36 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

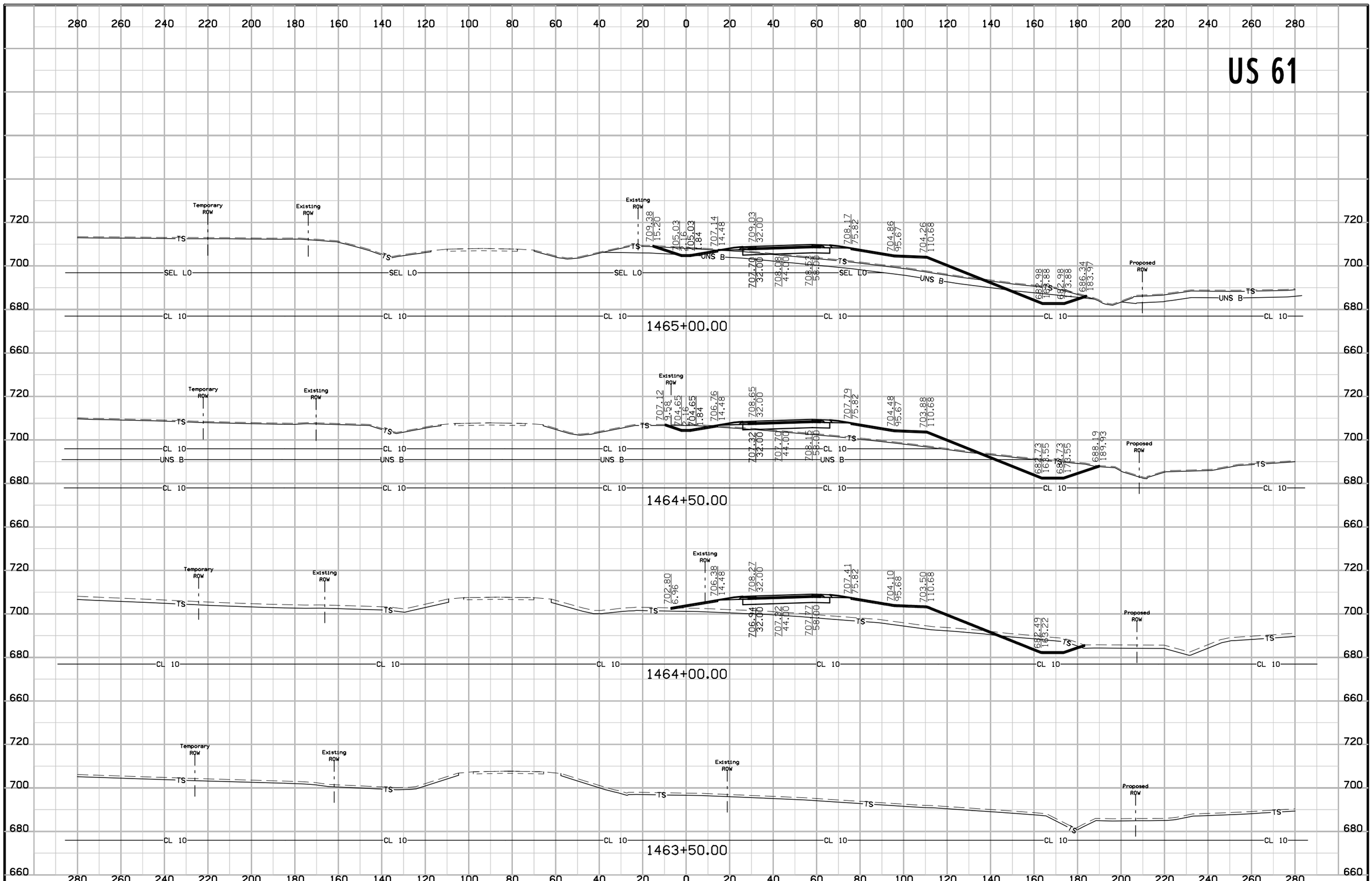
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.195

9:31:37 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w04

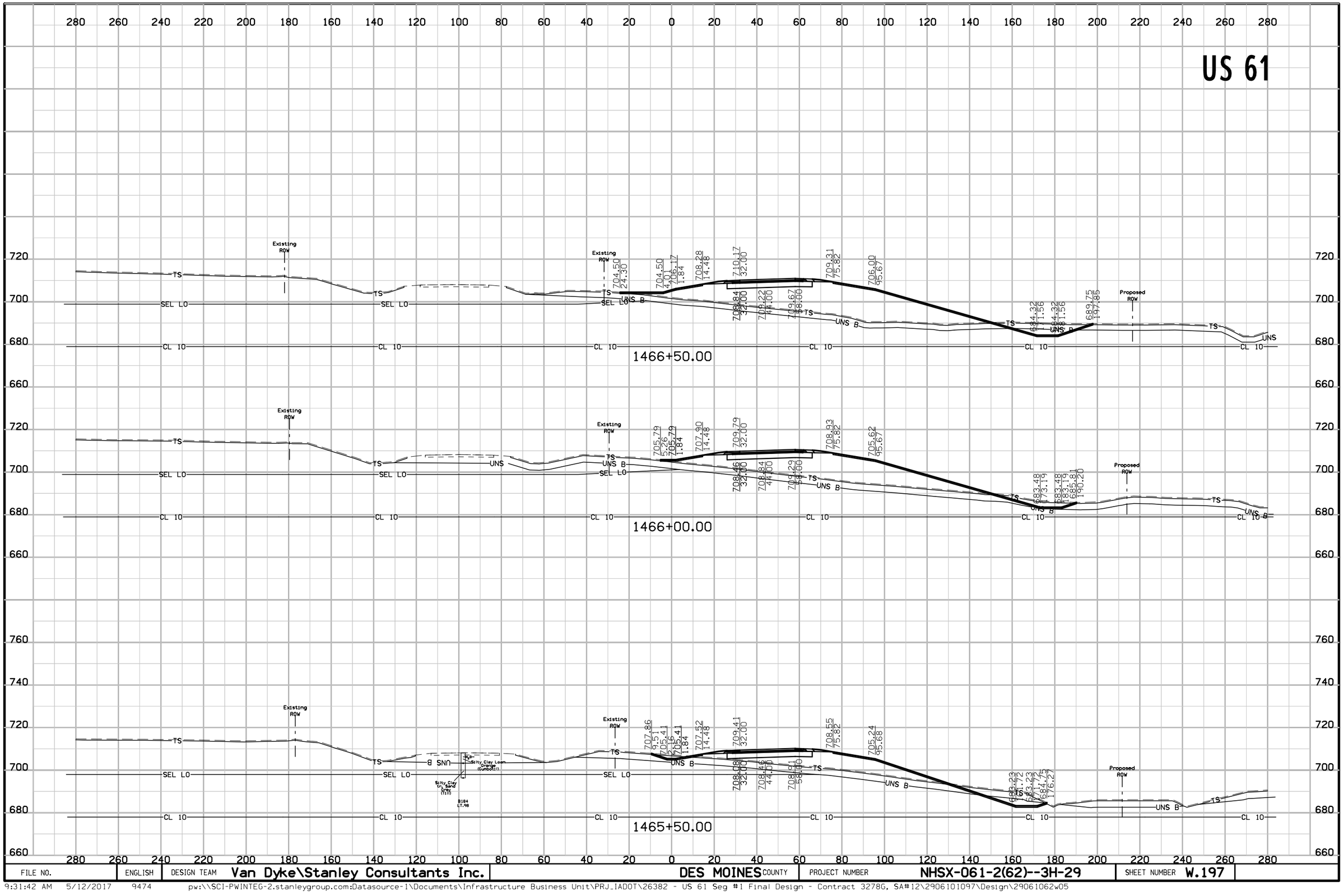
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.196

9:31:41 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.197

US 61

34° Skew Lt Ahead

FL=701.80
FL=699.20
FL=698.00
FL=695.90
FL=686.00
FL=684.5

1467+62.00

1467+50.00

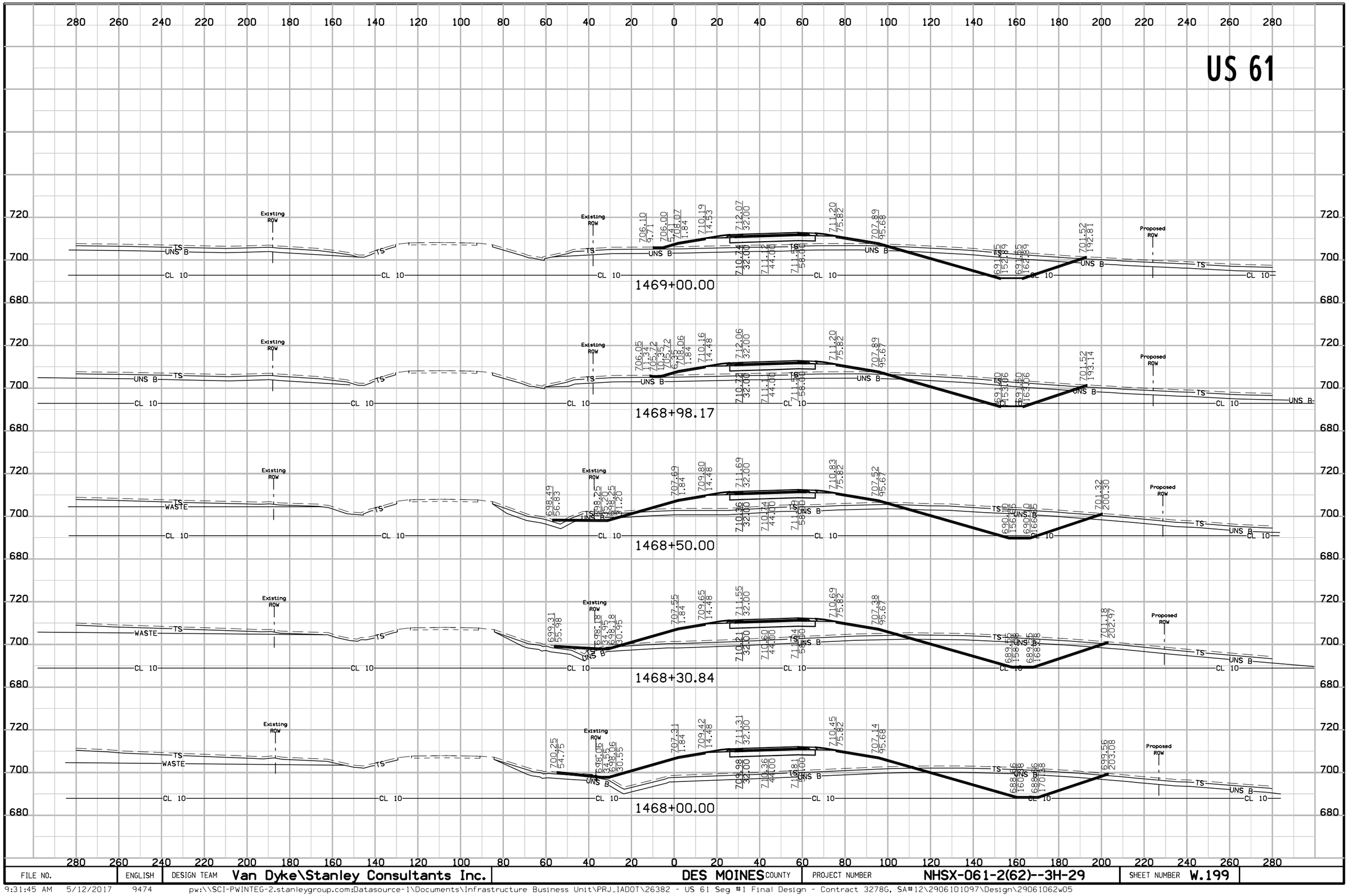
1467+00.00

1466+63.02

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.198

9:31:44 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

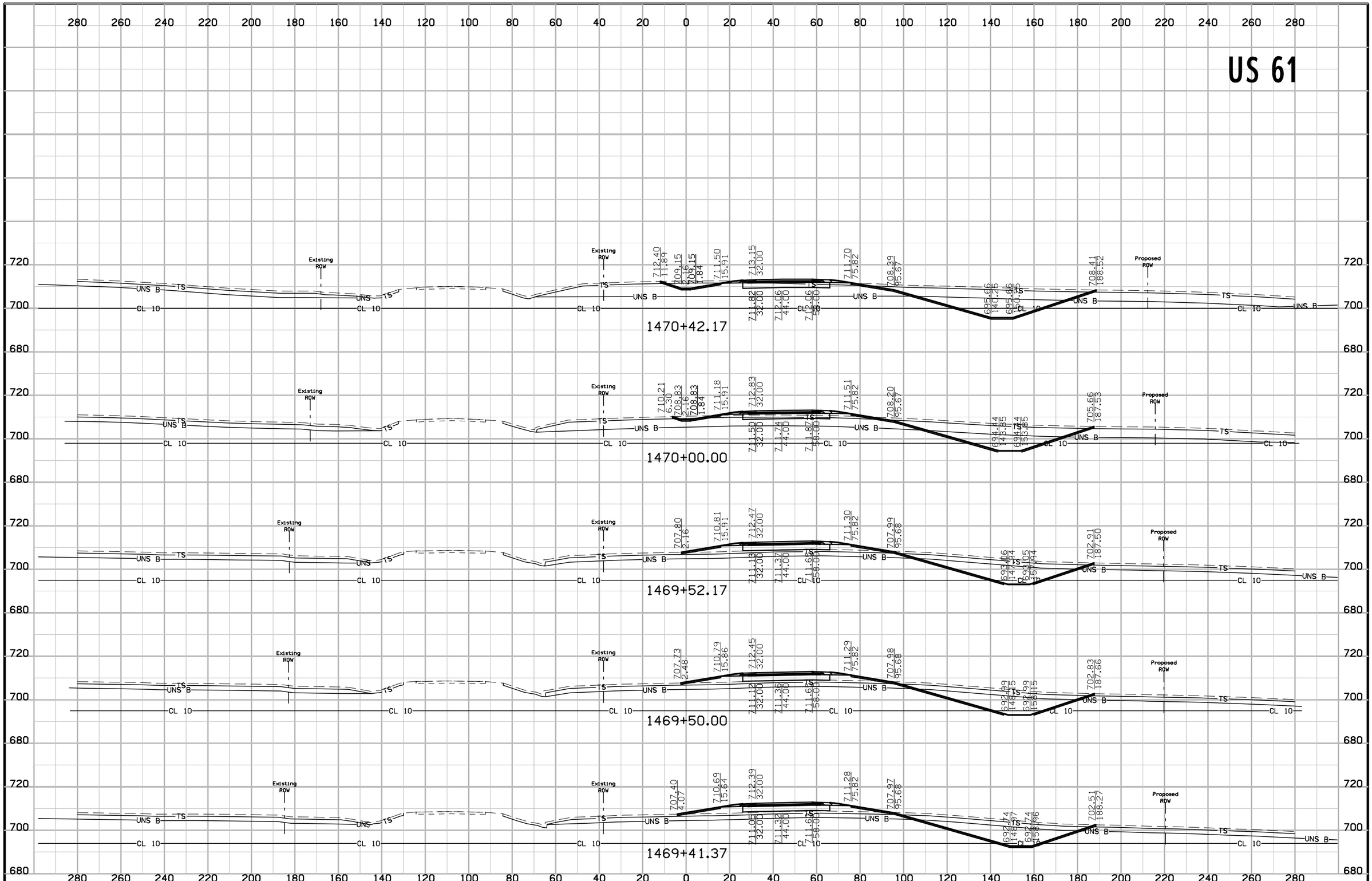
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.199

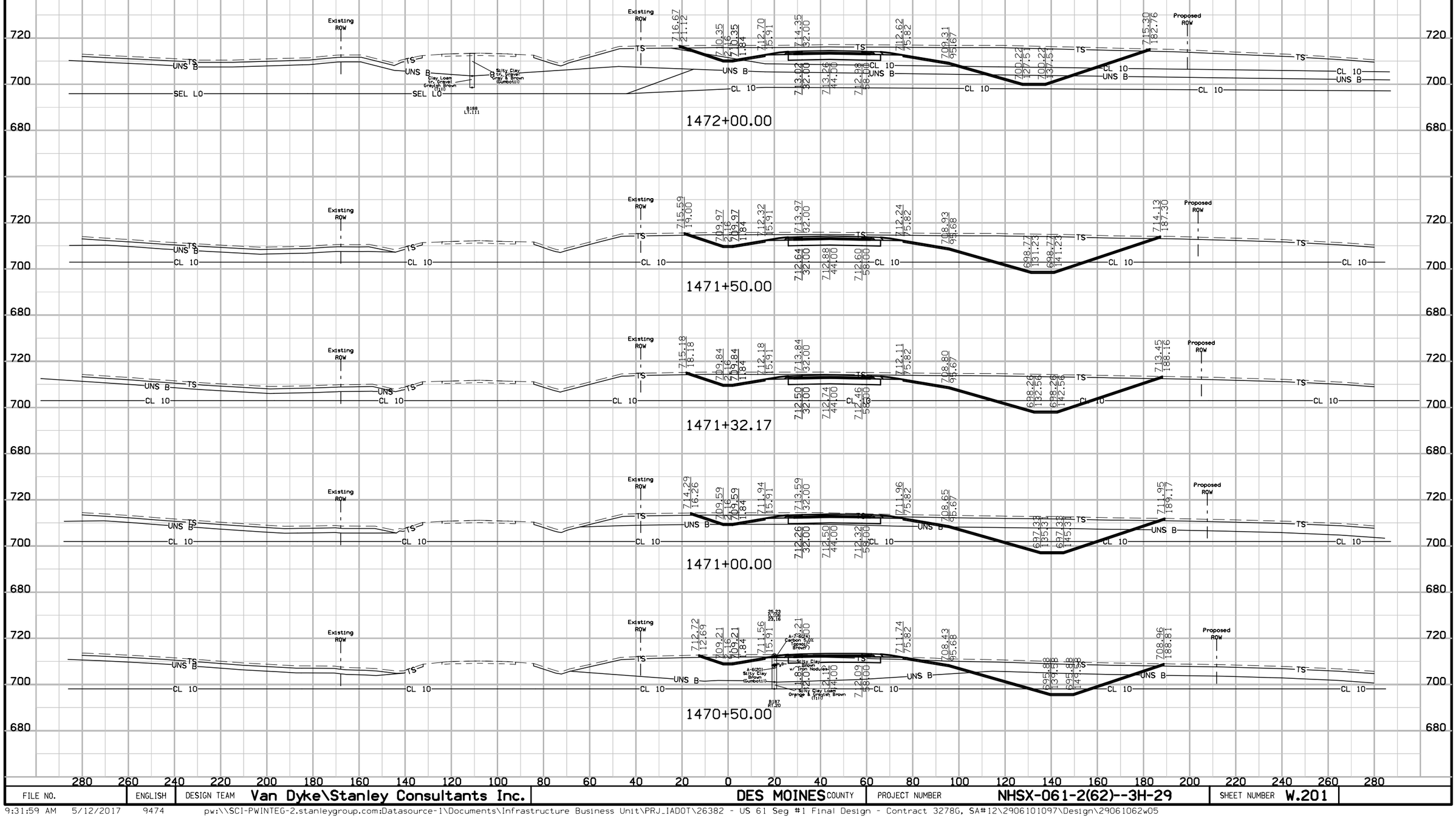
9:31:45 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



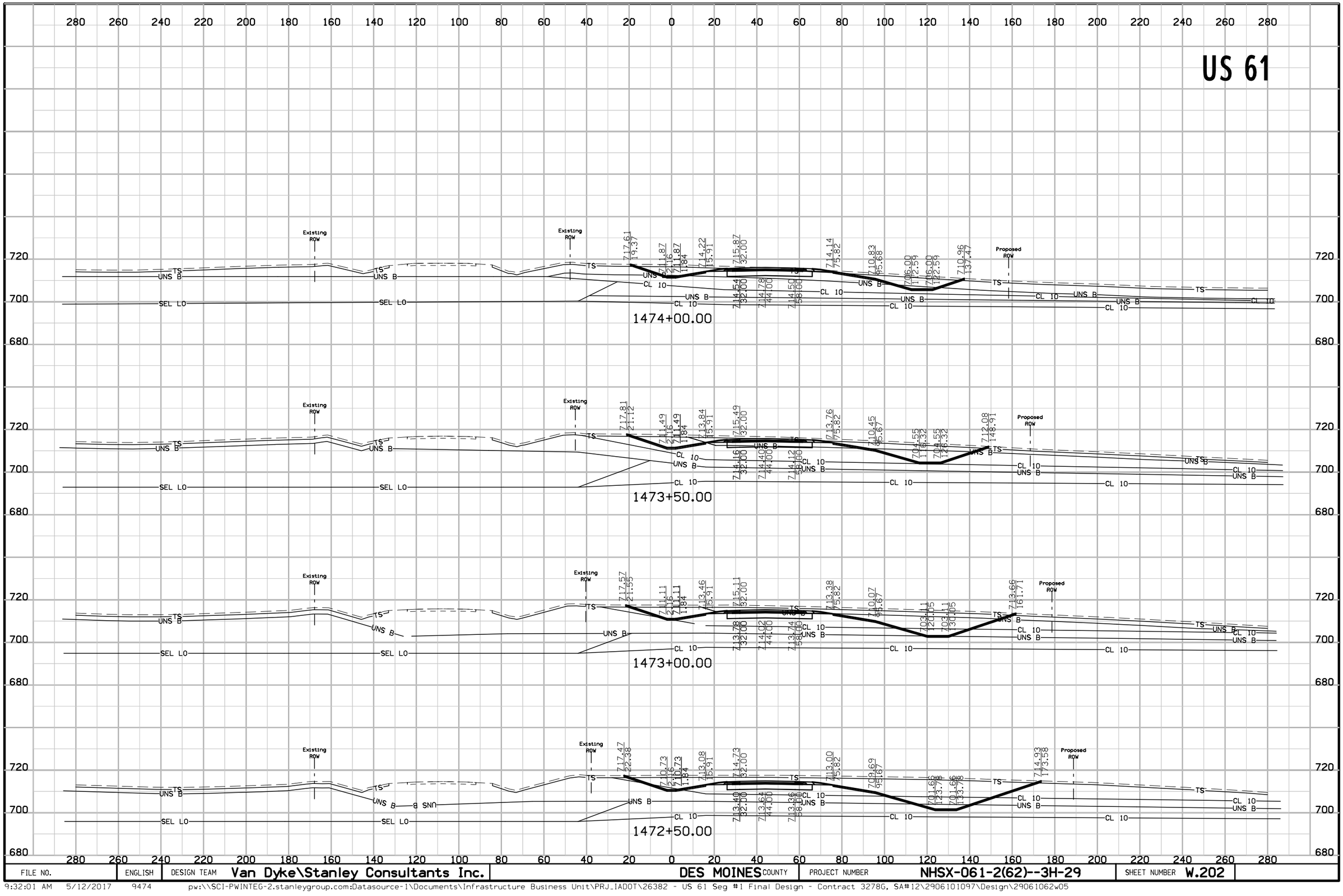
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.200

US 61



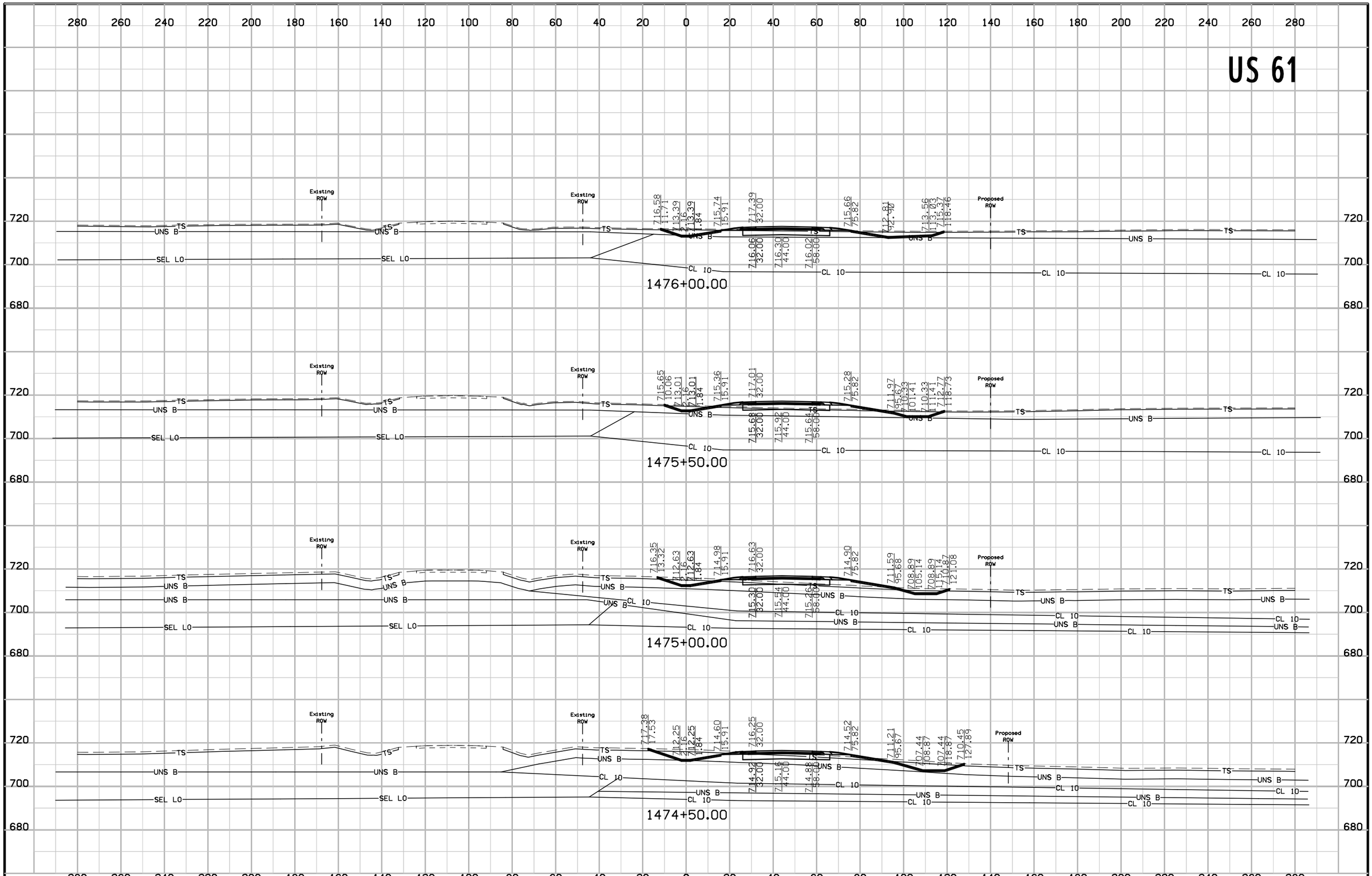
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.201

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.202

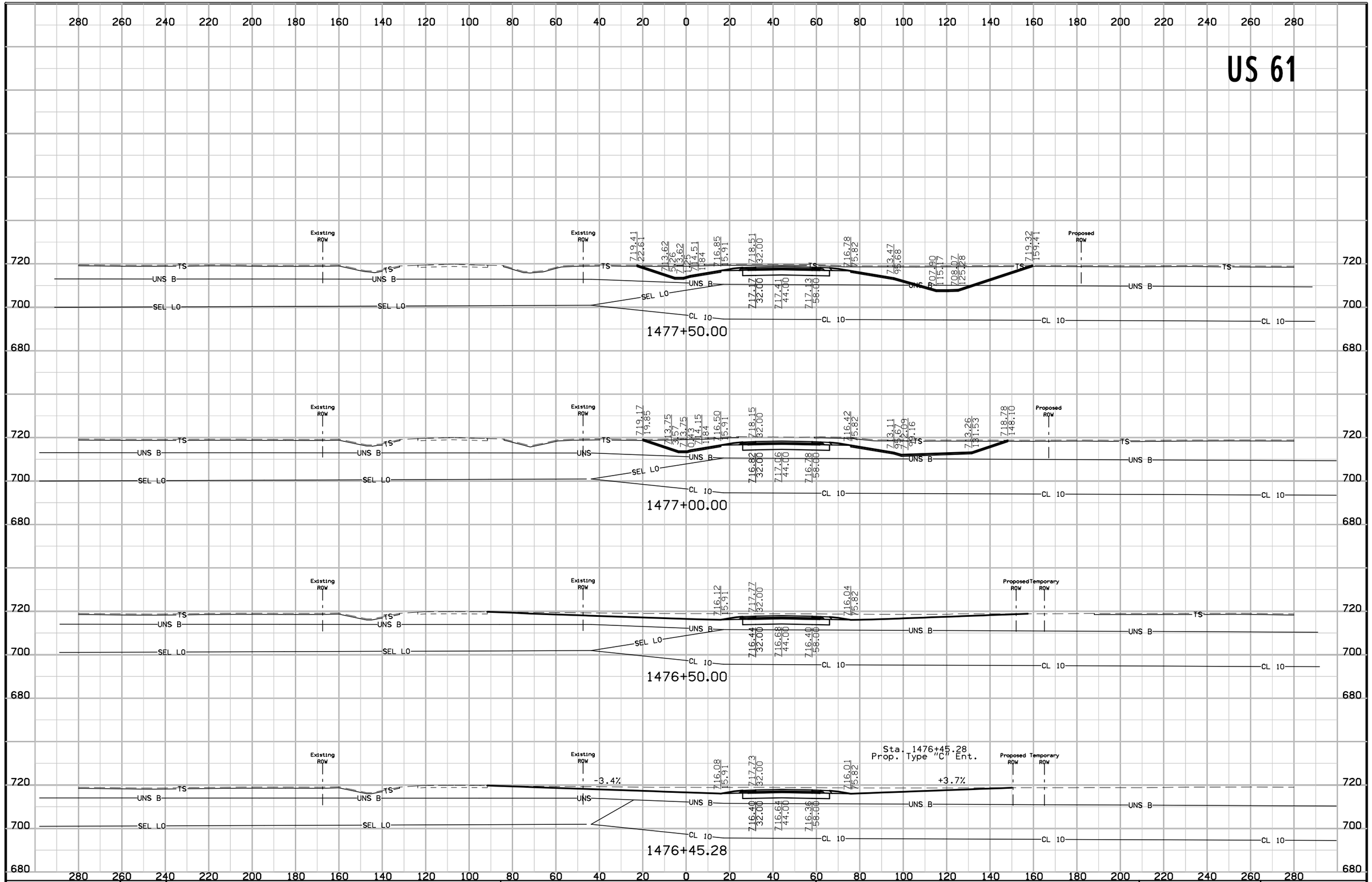
9:32:01 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.203

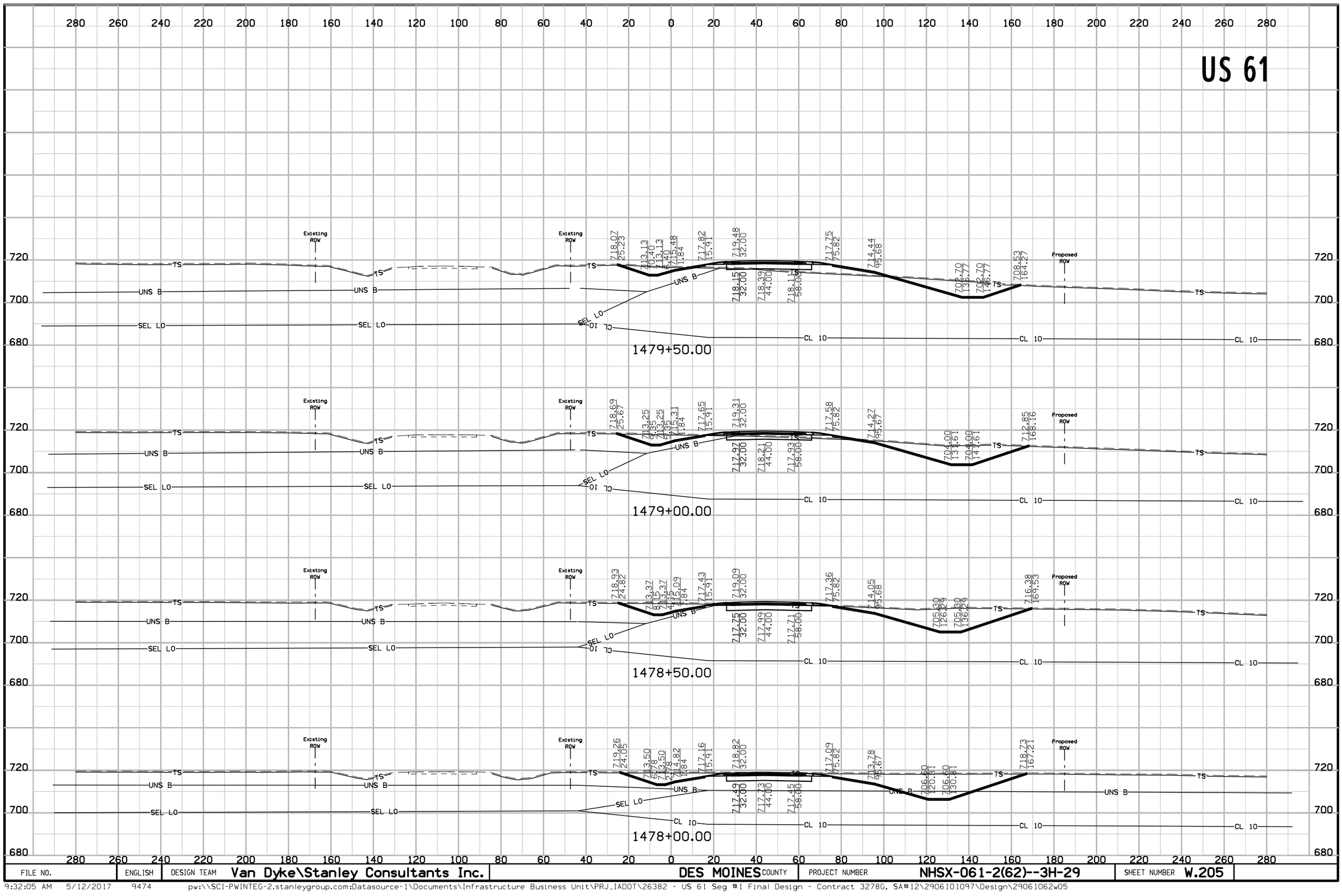
9:32:02 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.204

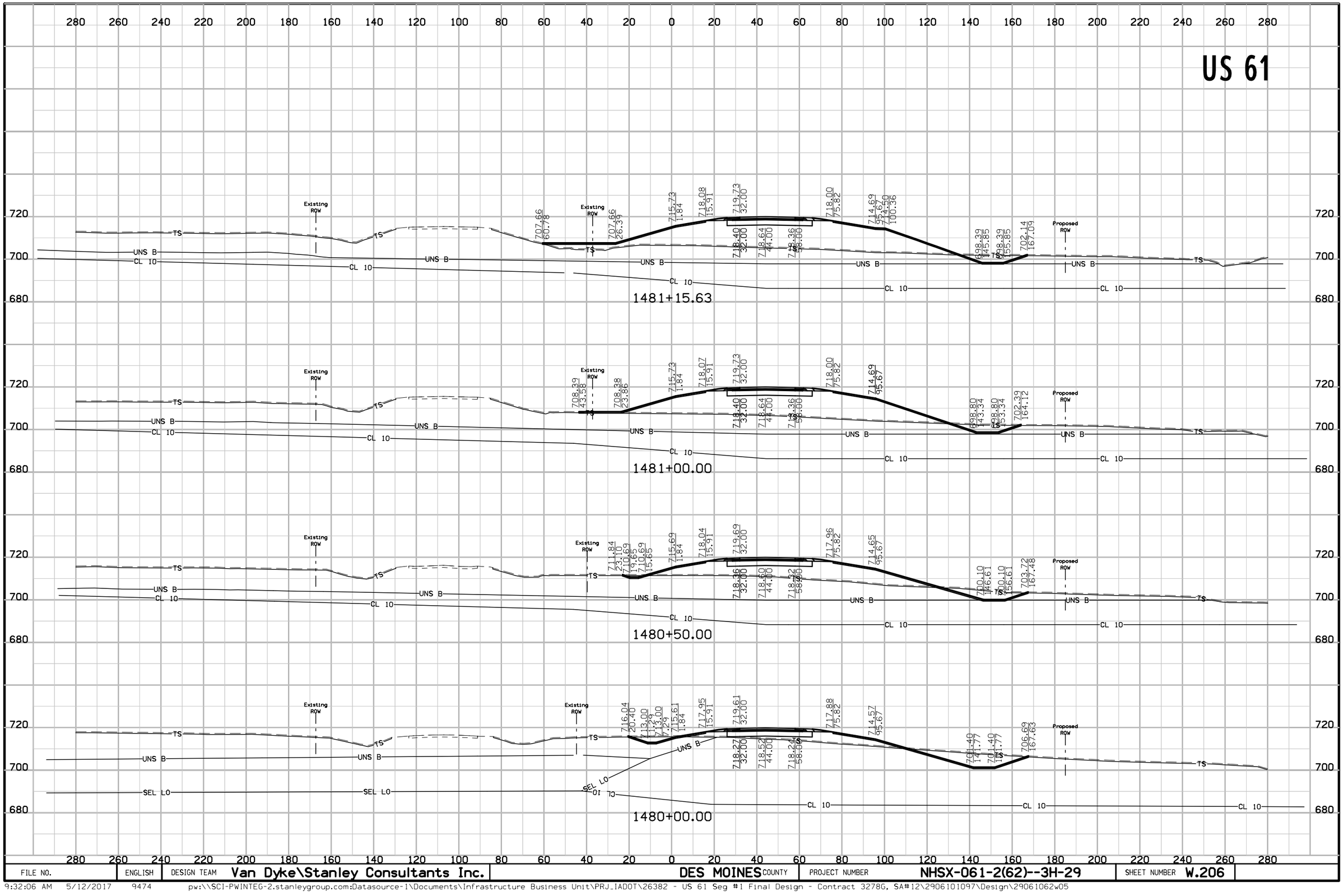
US 61



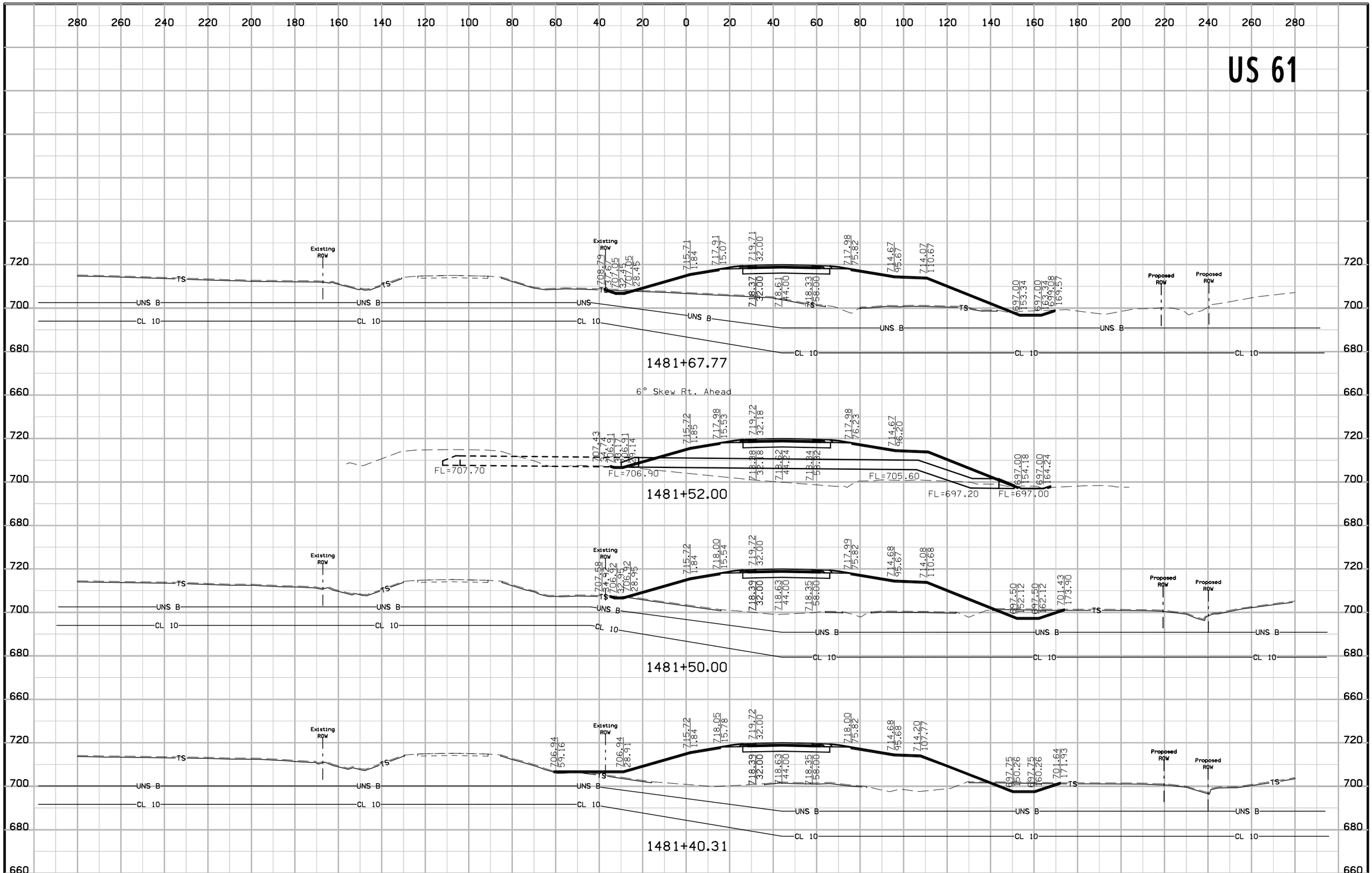
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.205

9:32:05 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



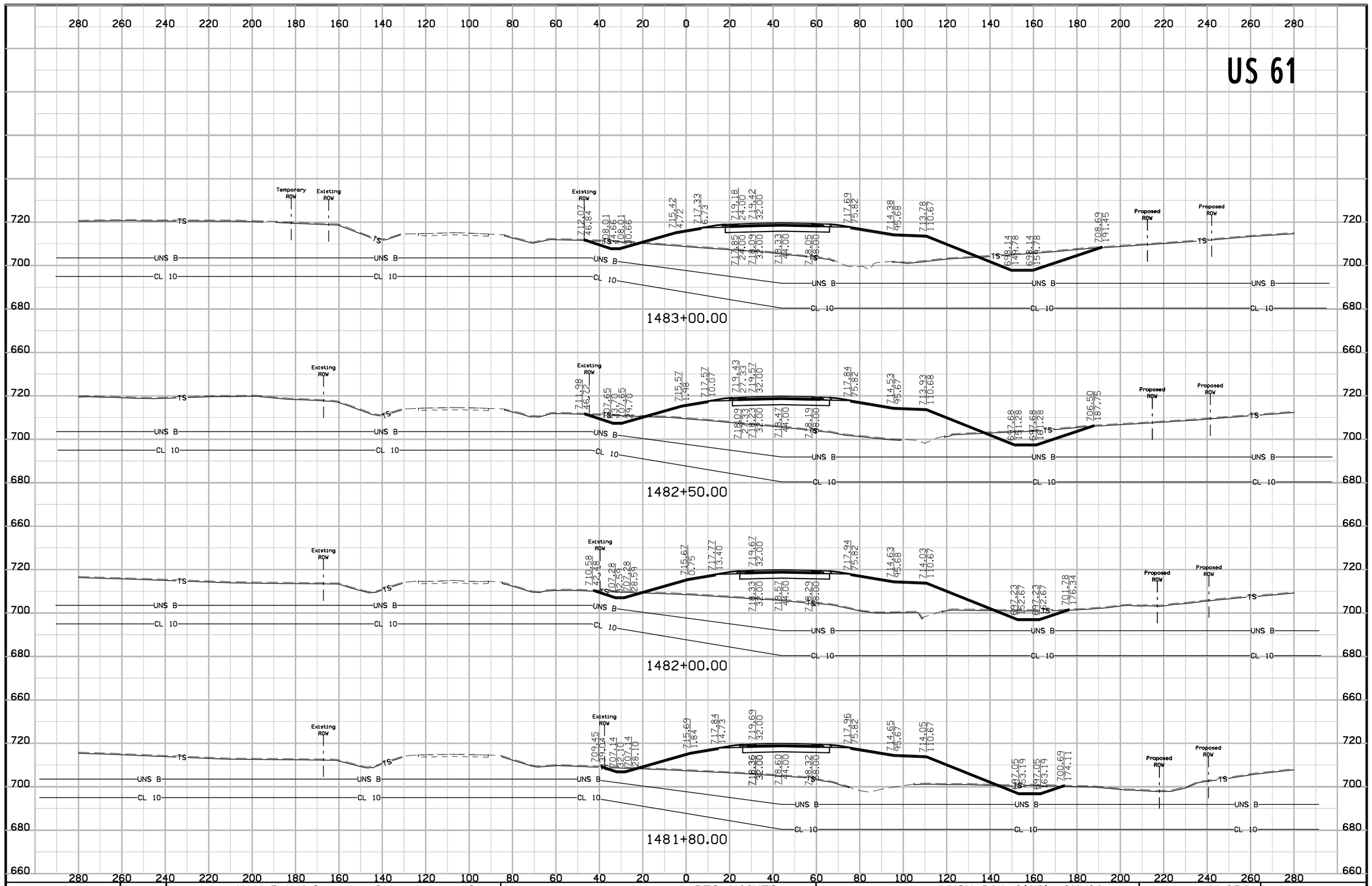
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.206



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.207

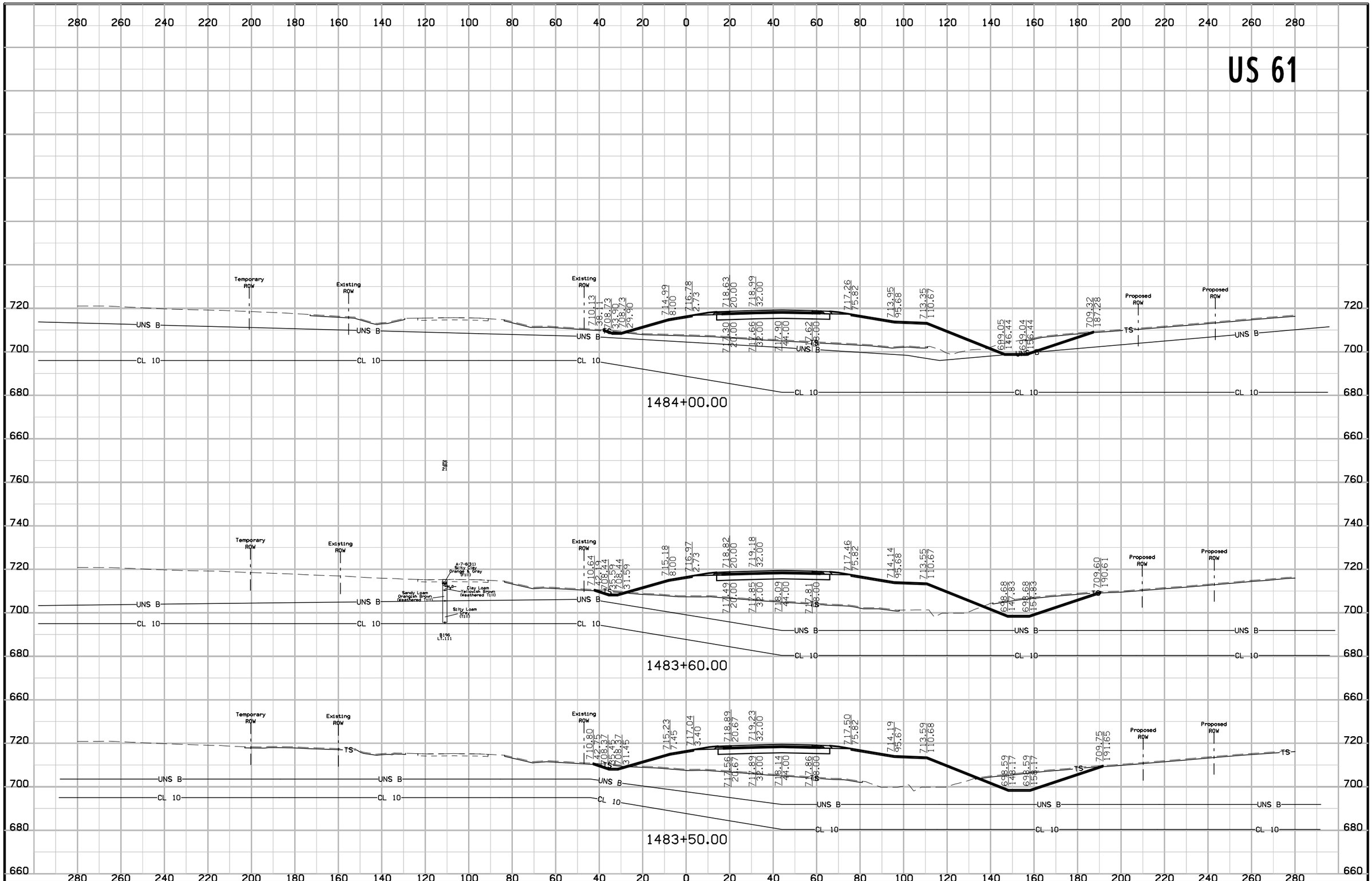
9:32:08 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



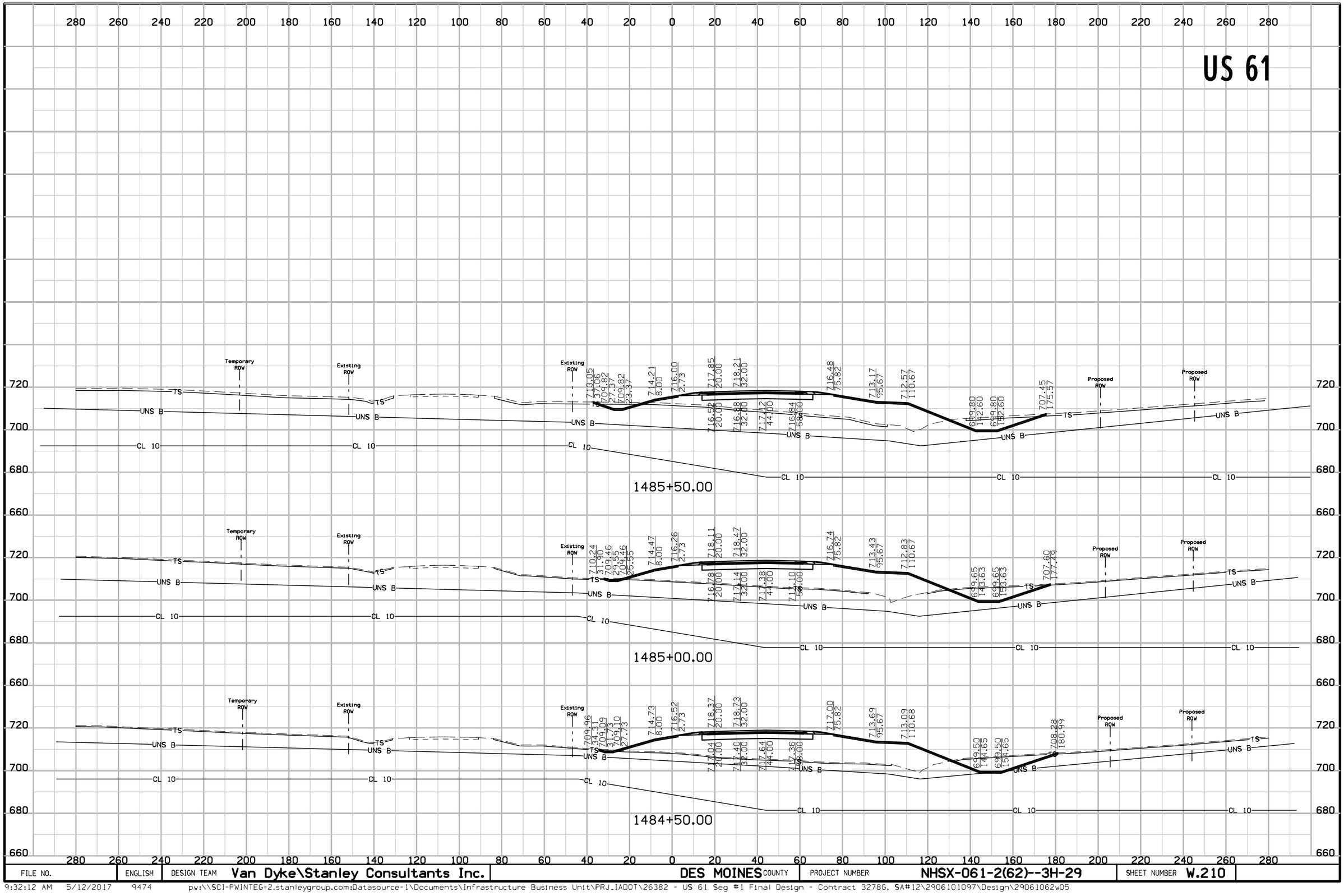
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.208

US 61



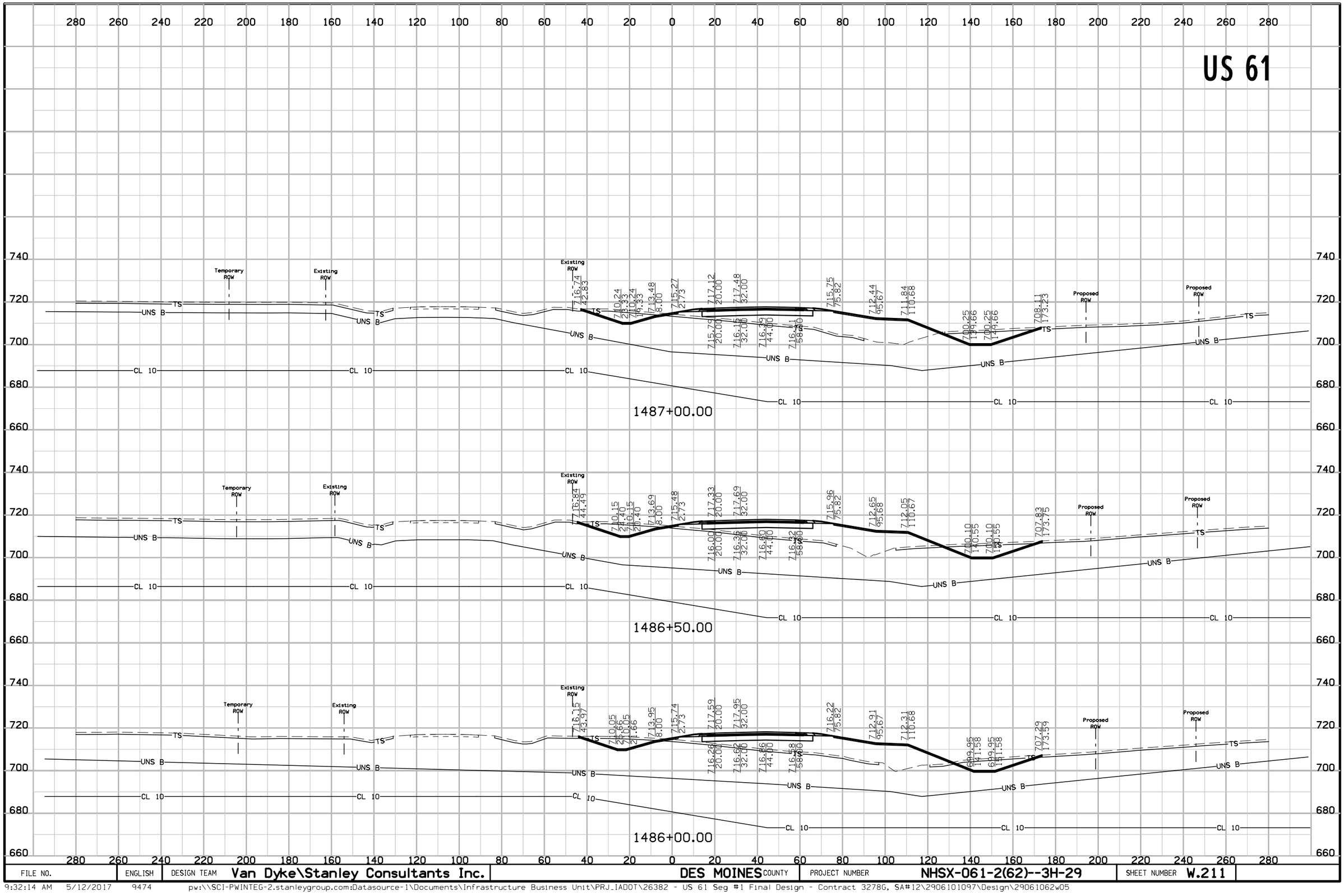
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.209

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.210

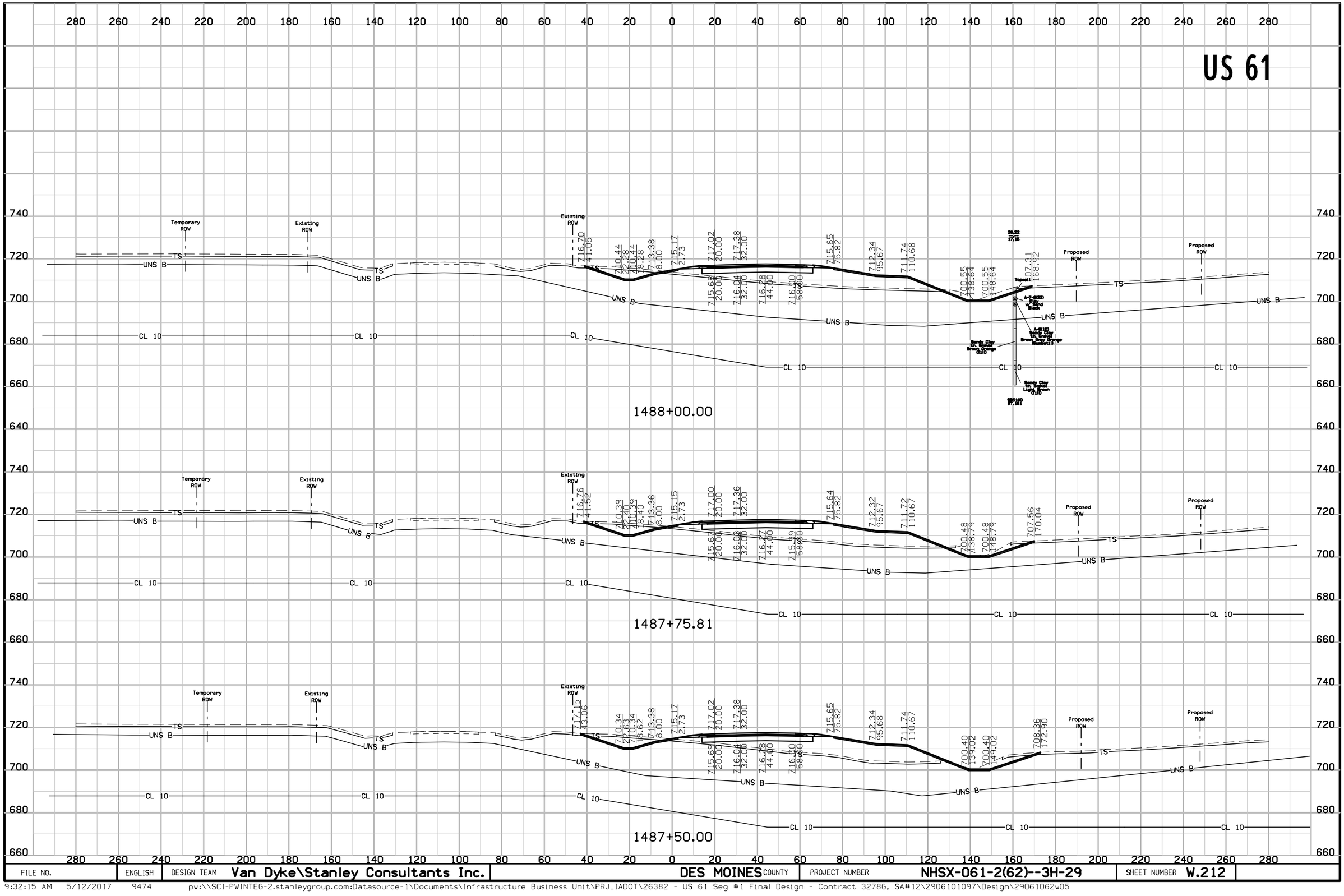
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.211

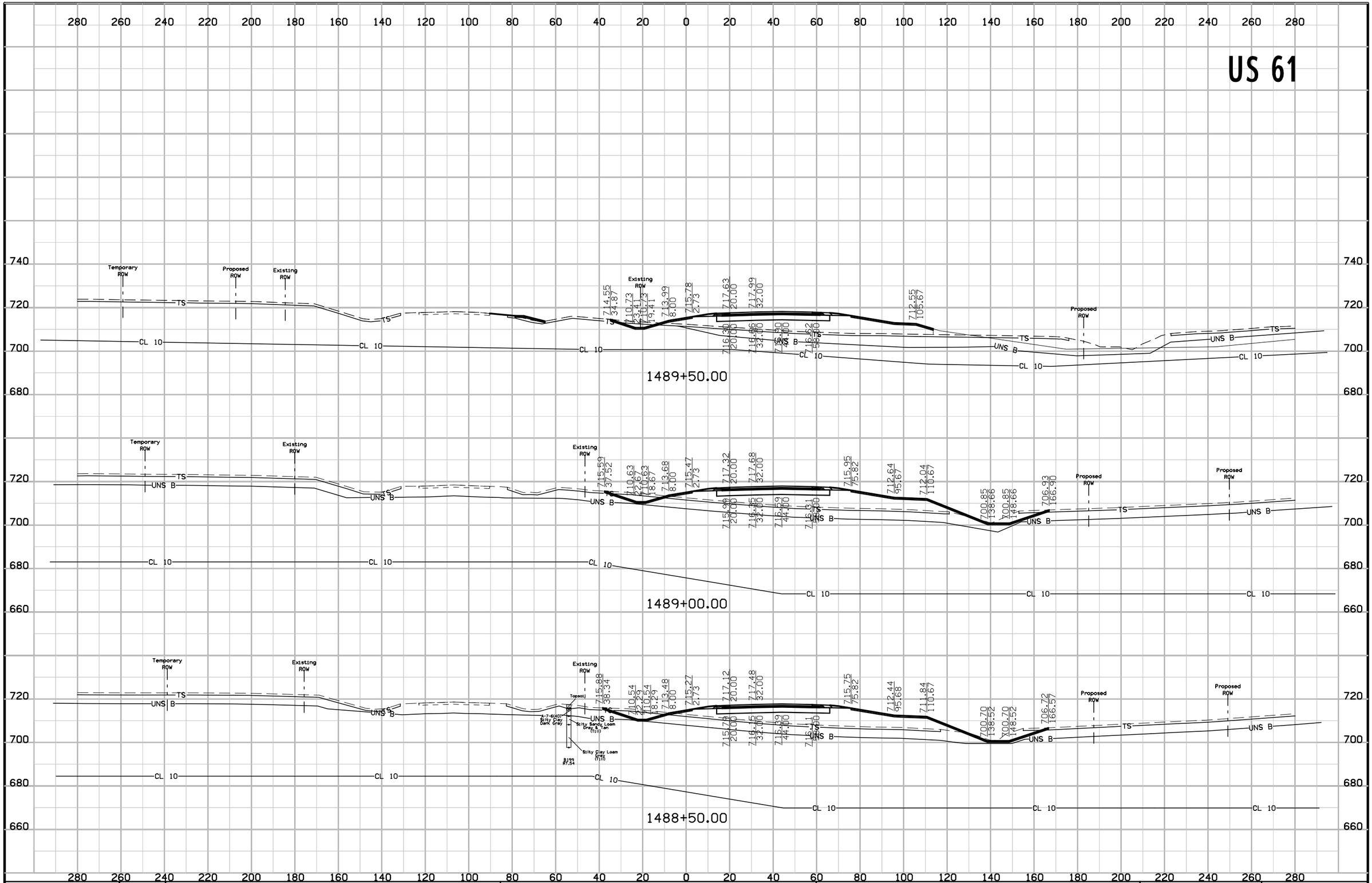
9:32:14 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



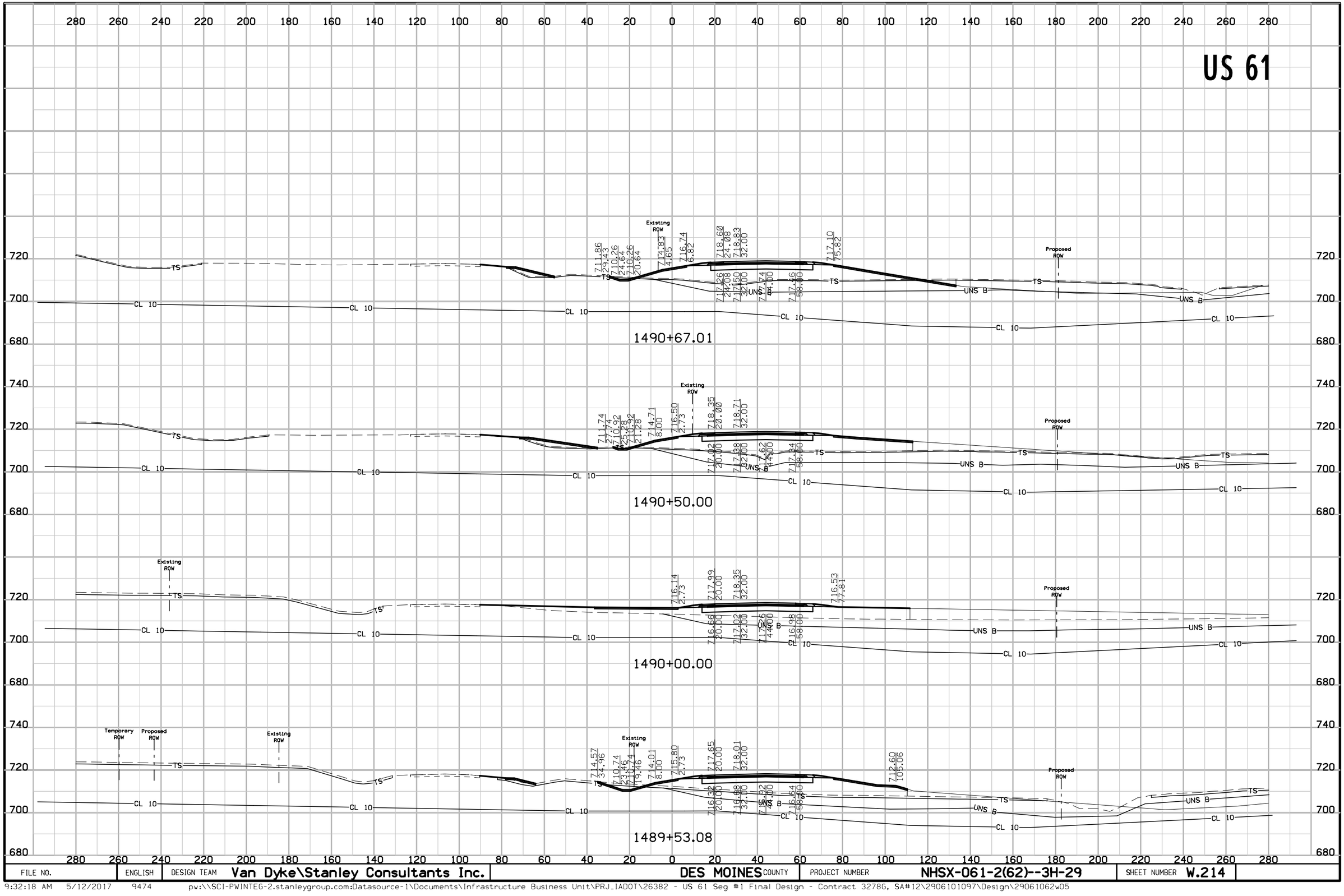
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.212

US 61



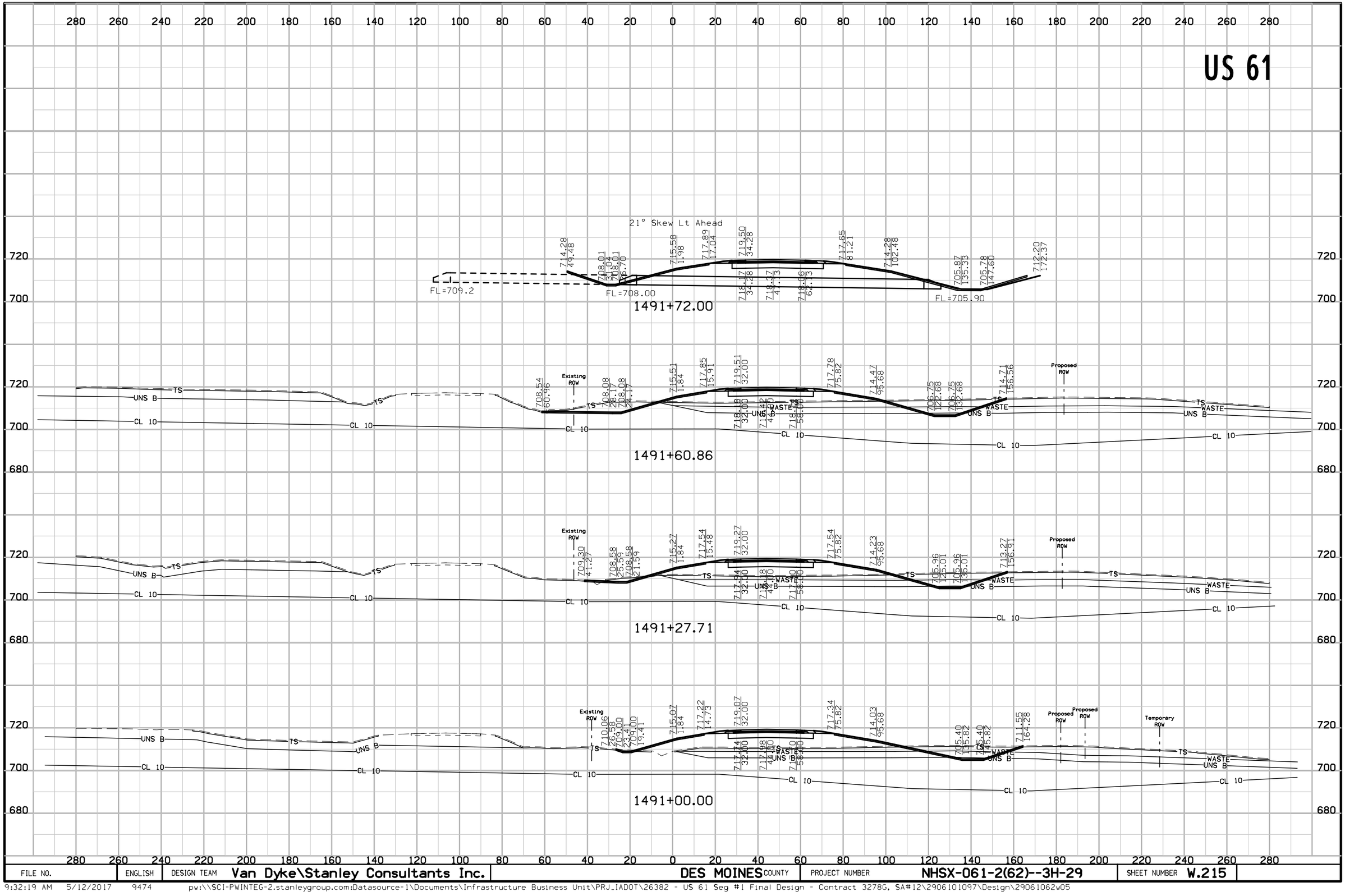
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.213

US 61



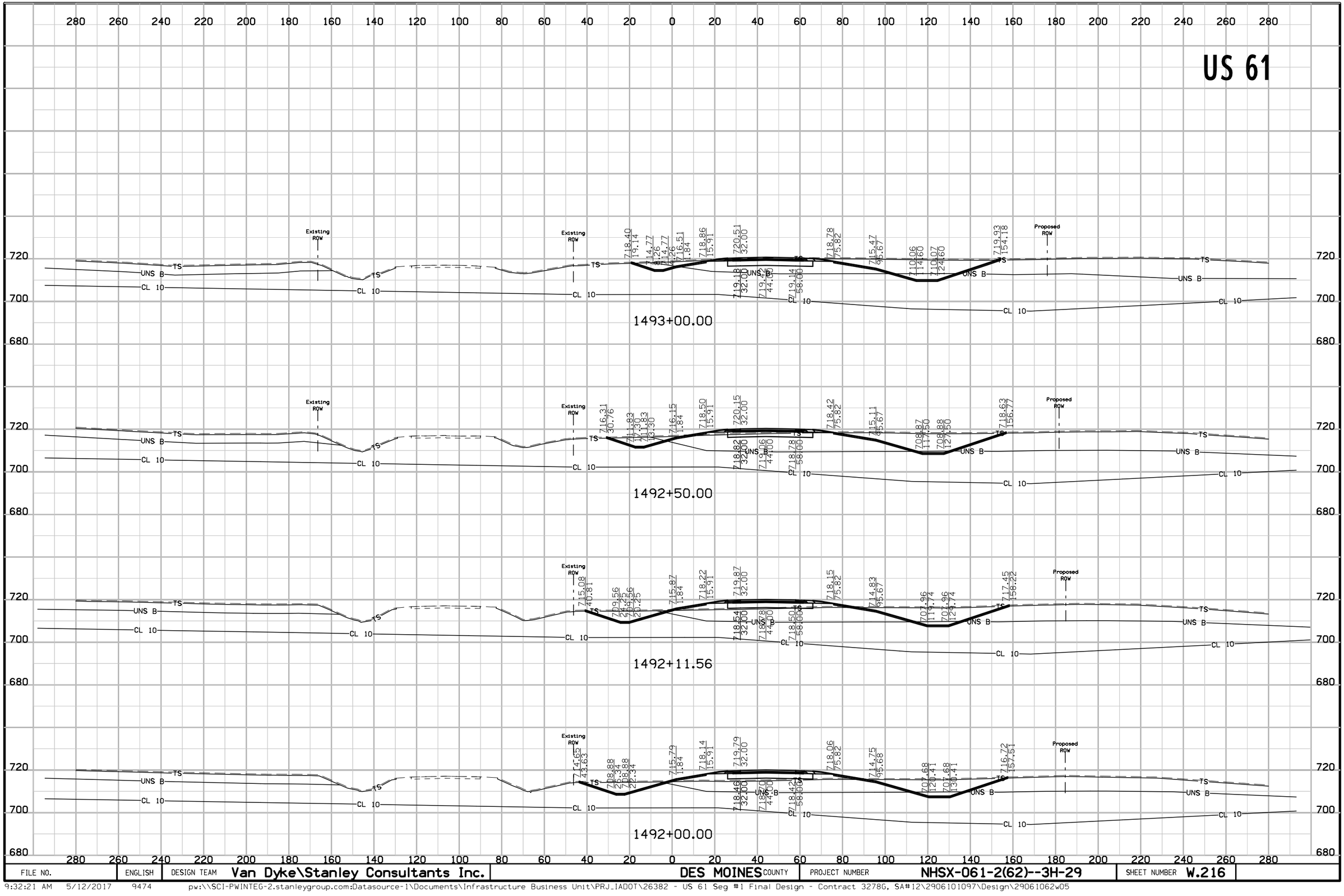
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.214

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.215

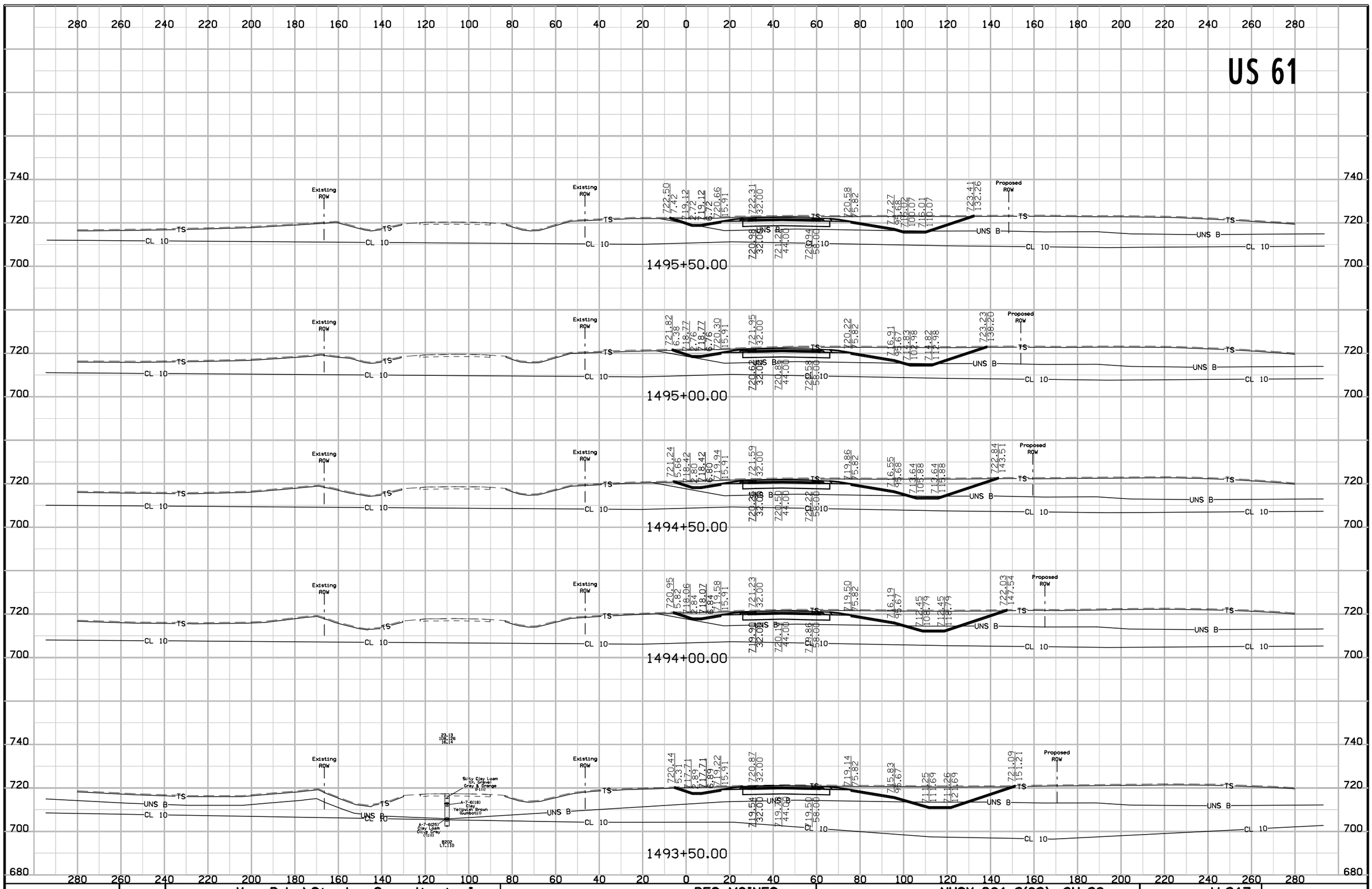
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.216

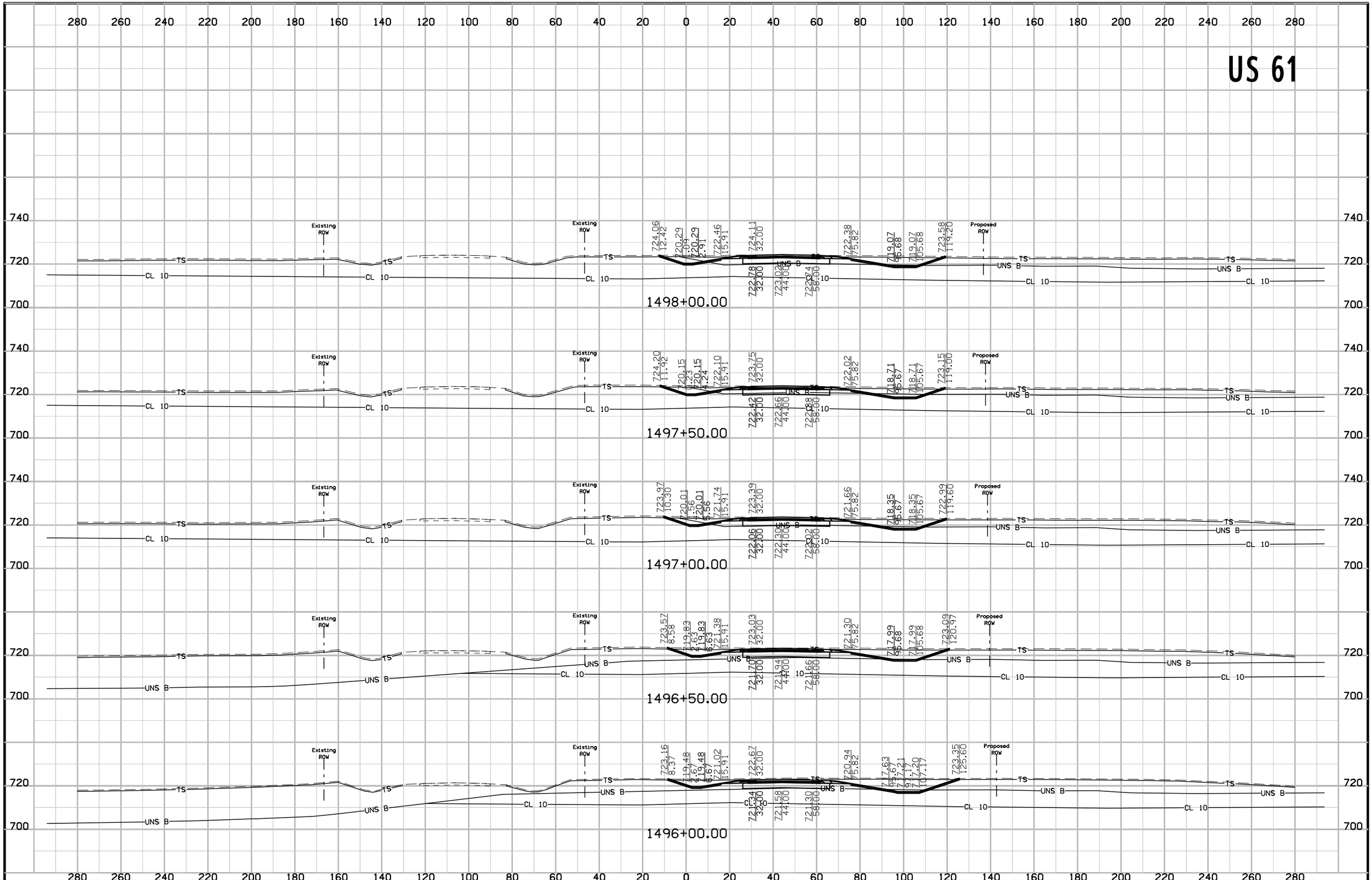
9:32:21 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



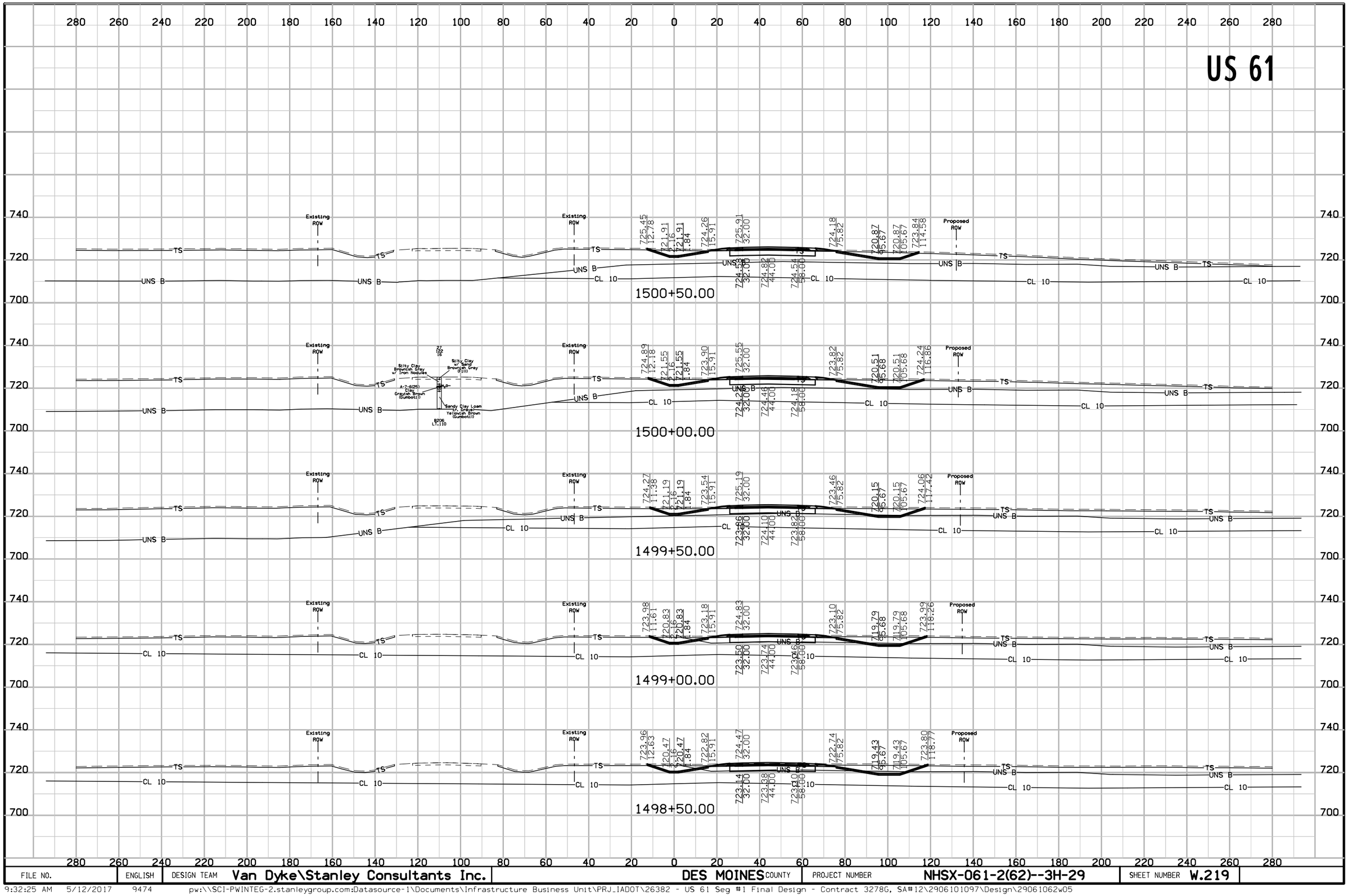
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.217

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.218

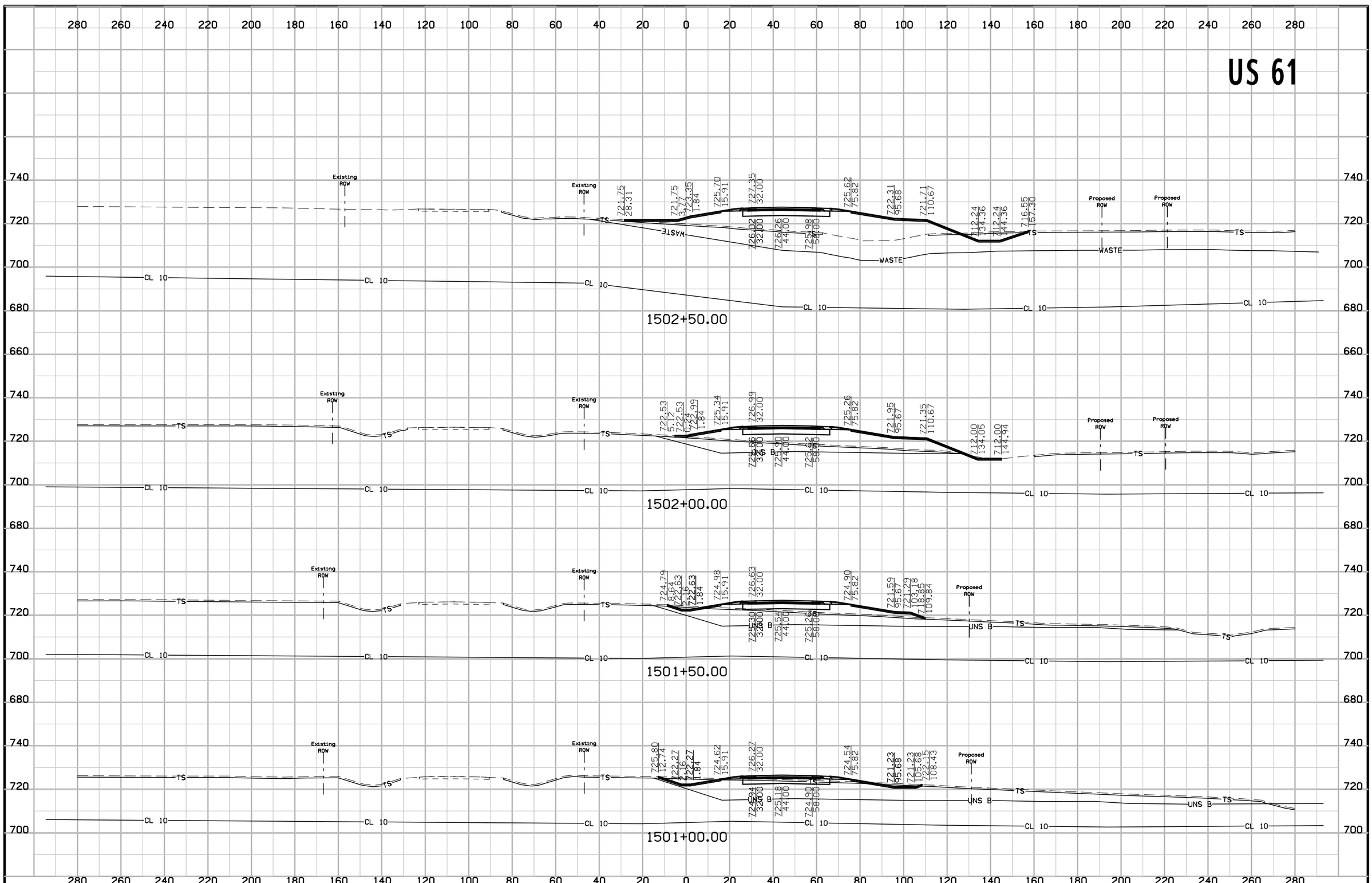
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.219

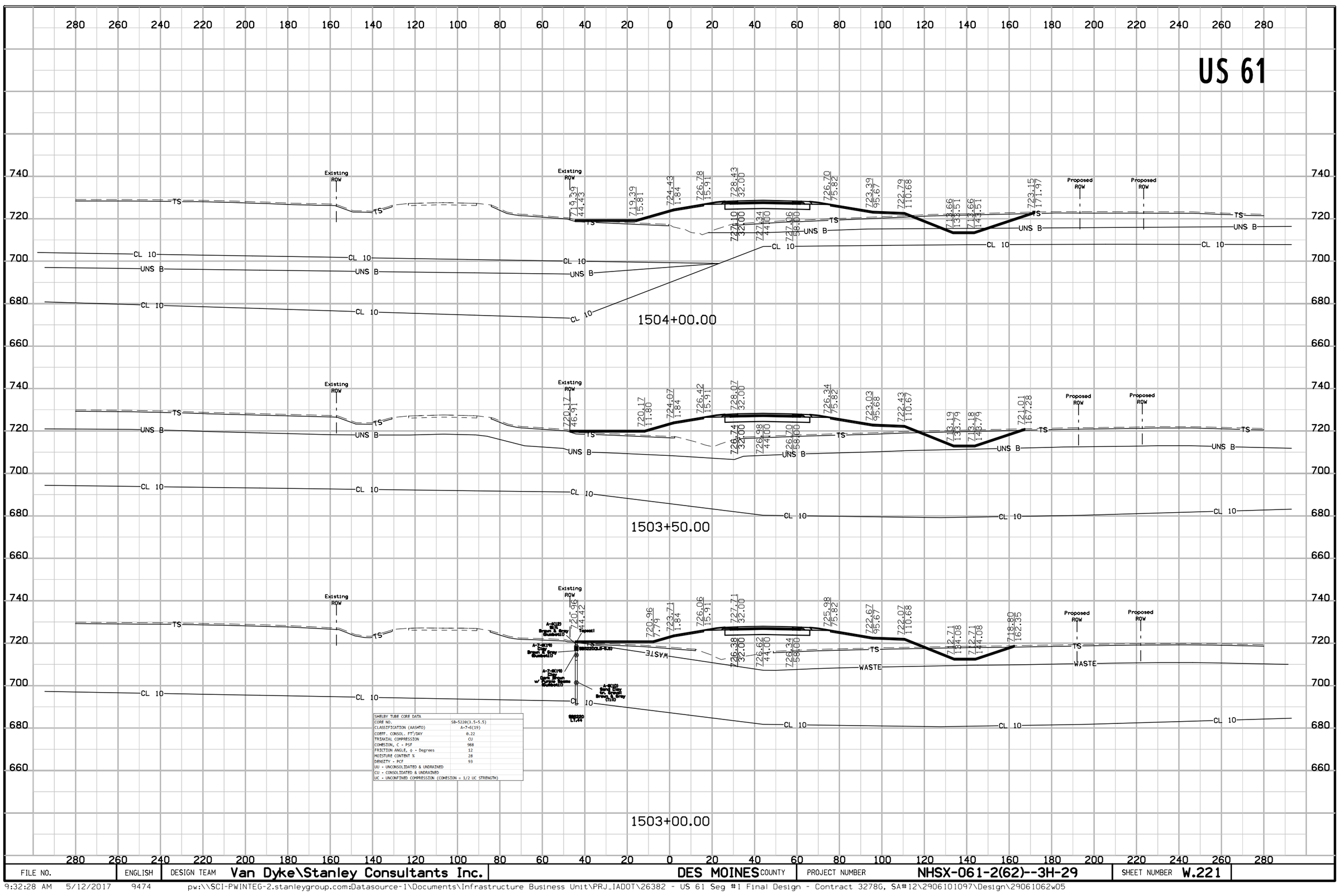
9:32:25 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



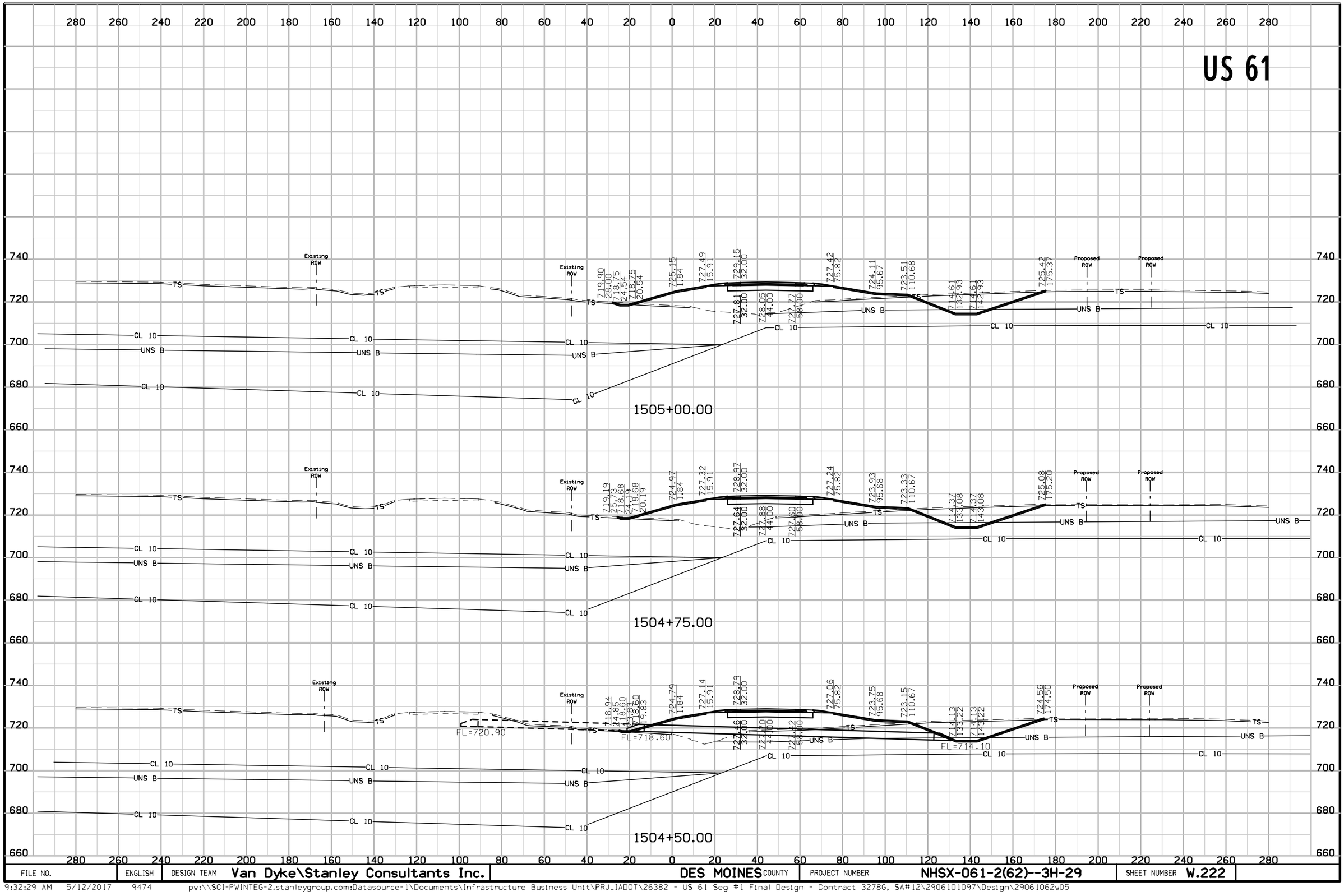
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.220

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.221

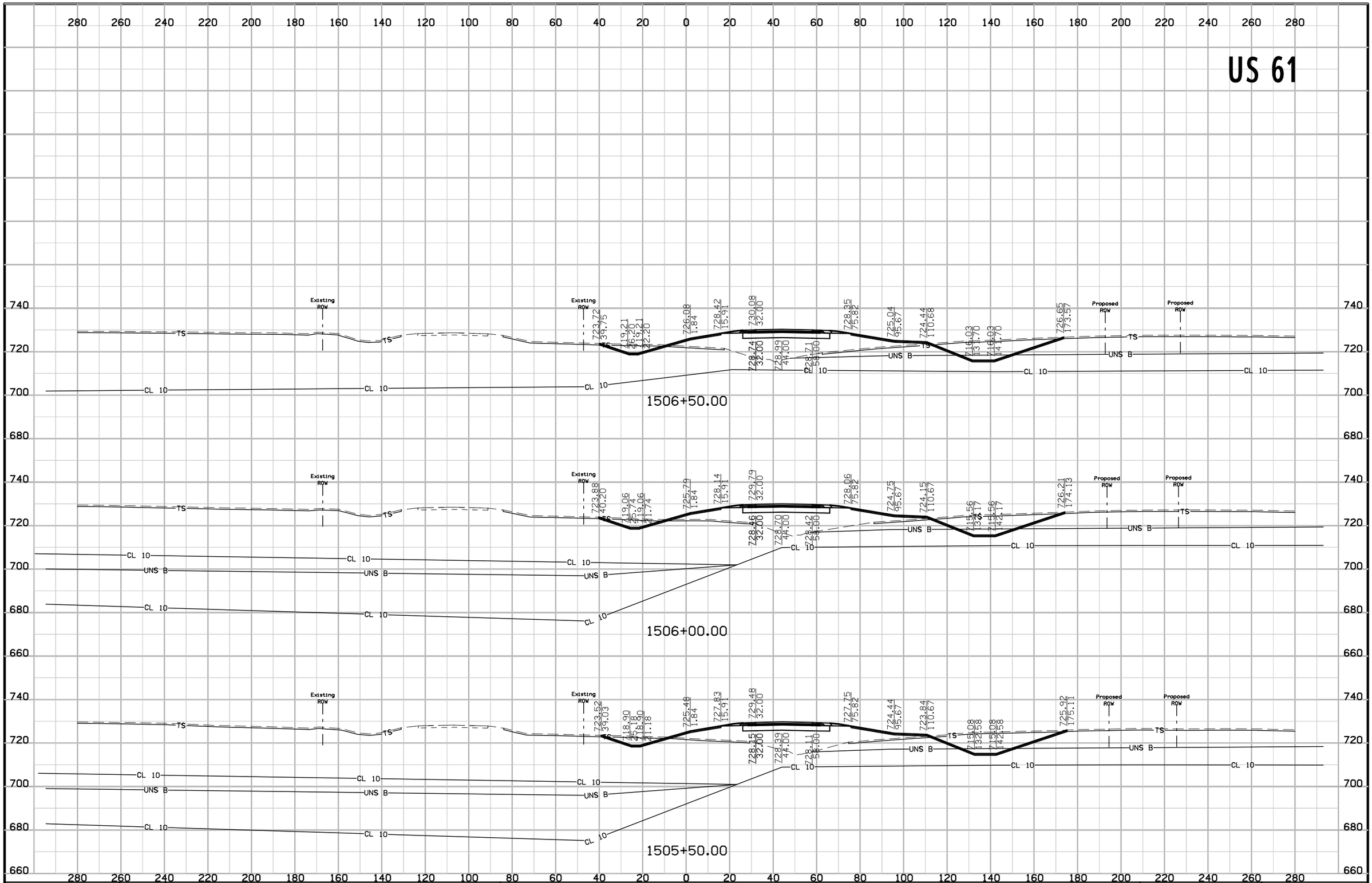
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.222

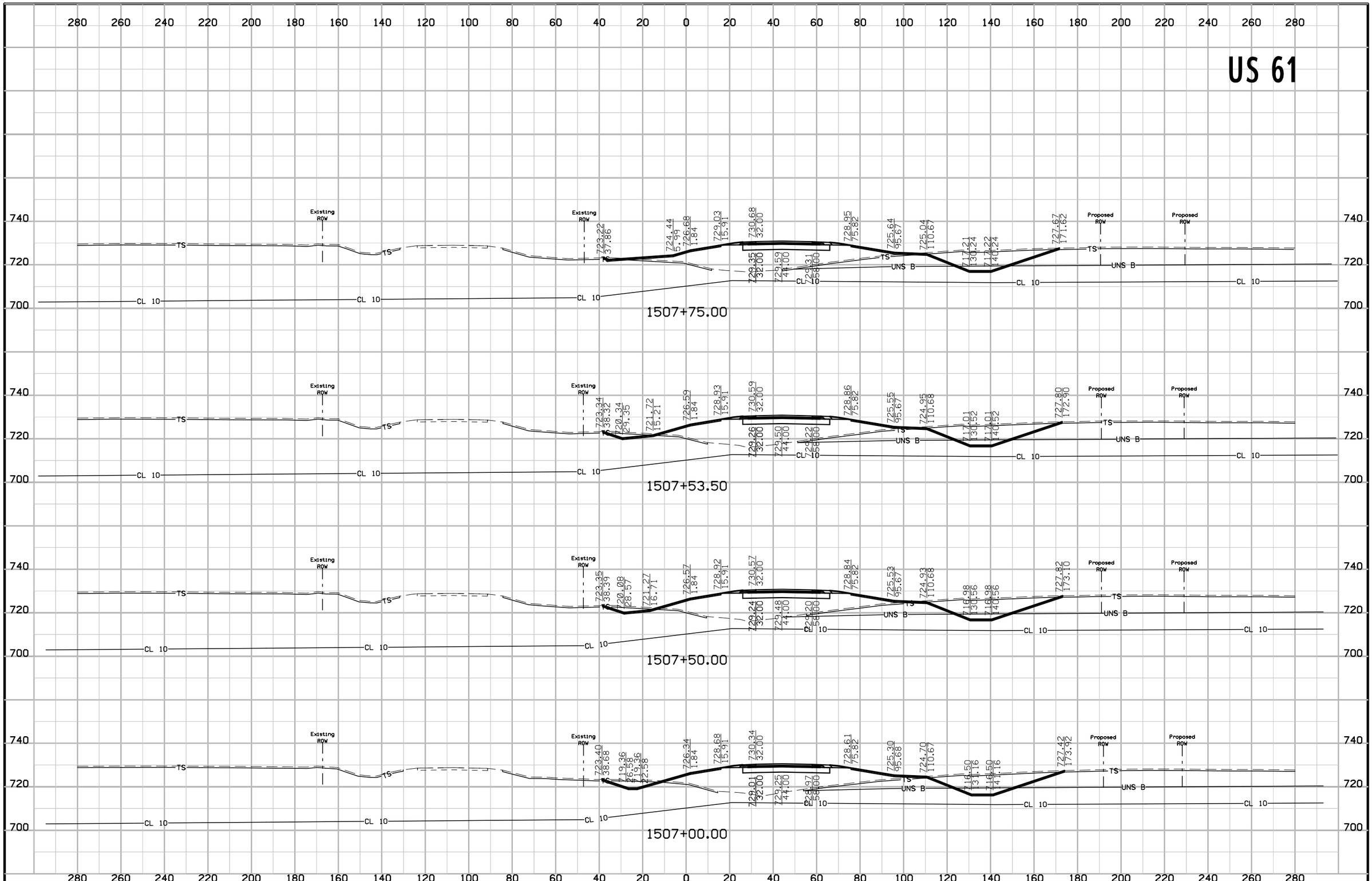
9:32:29 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



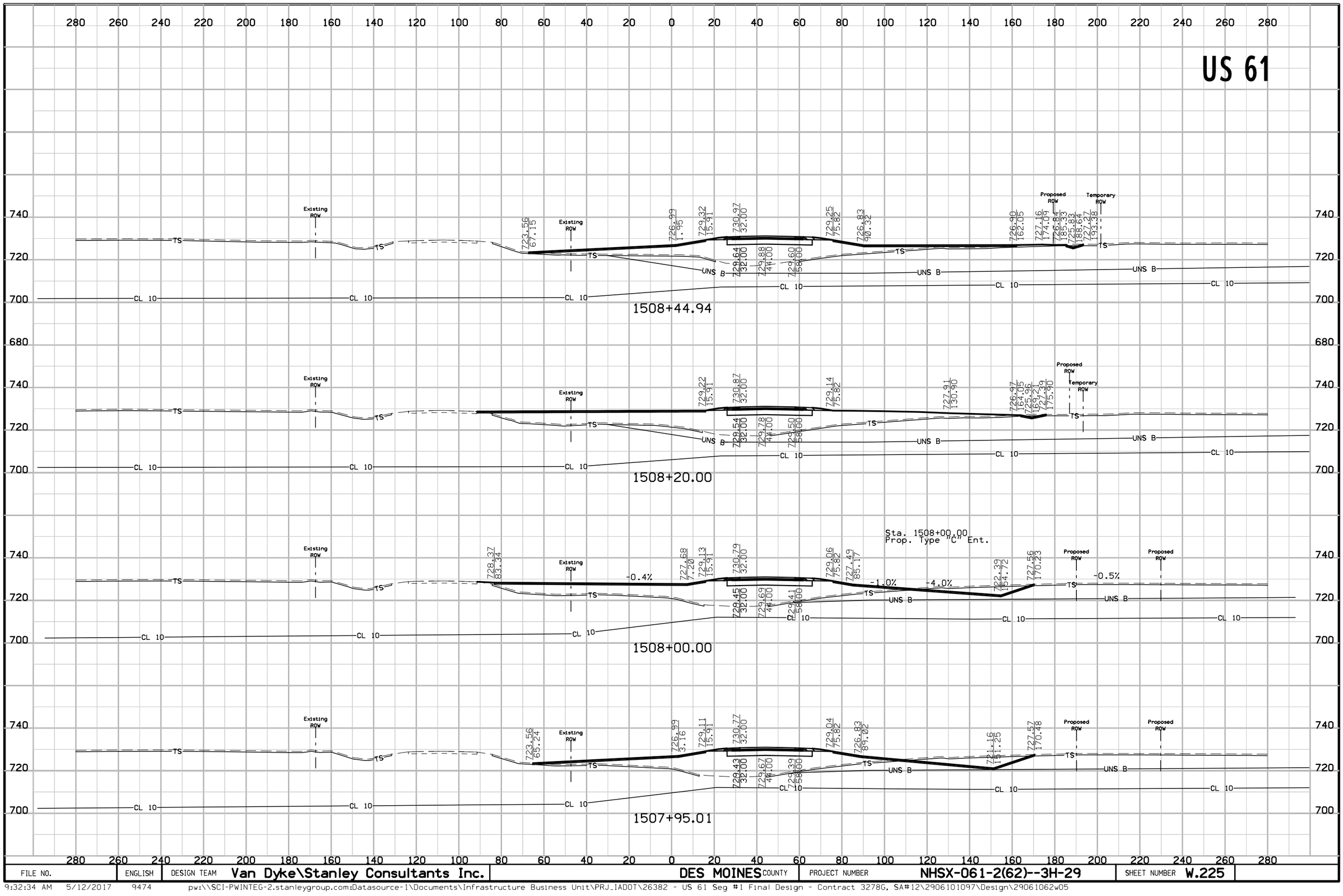
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.223

US 61



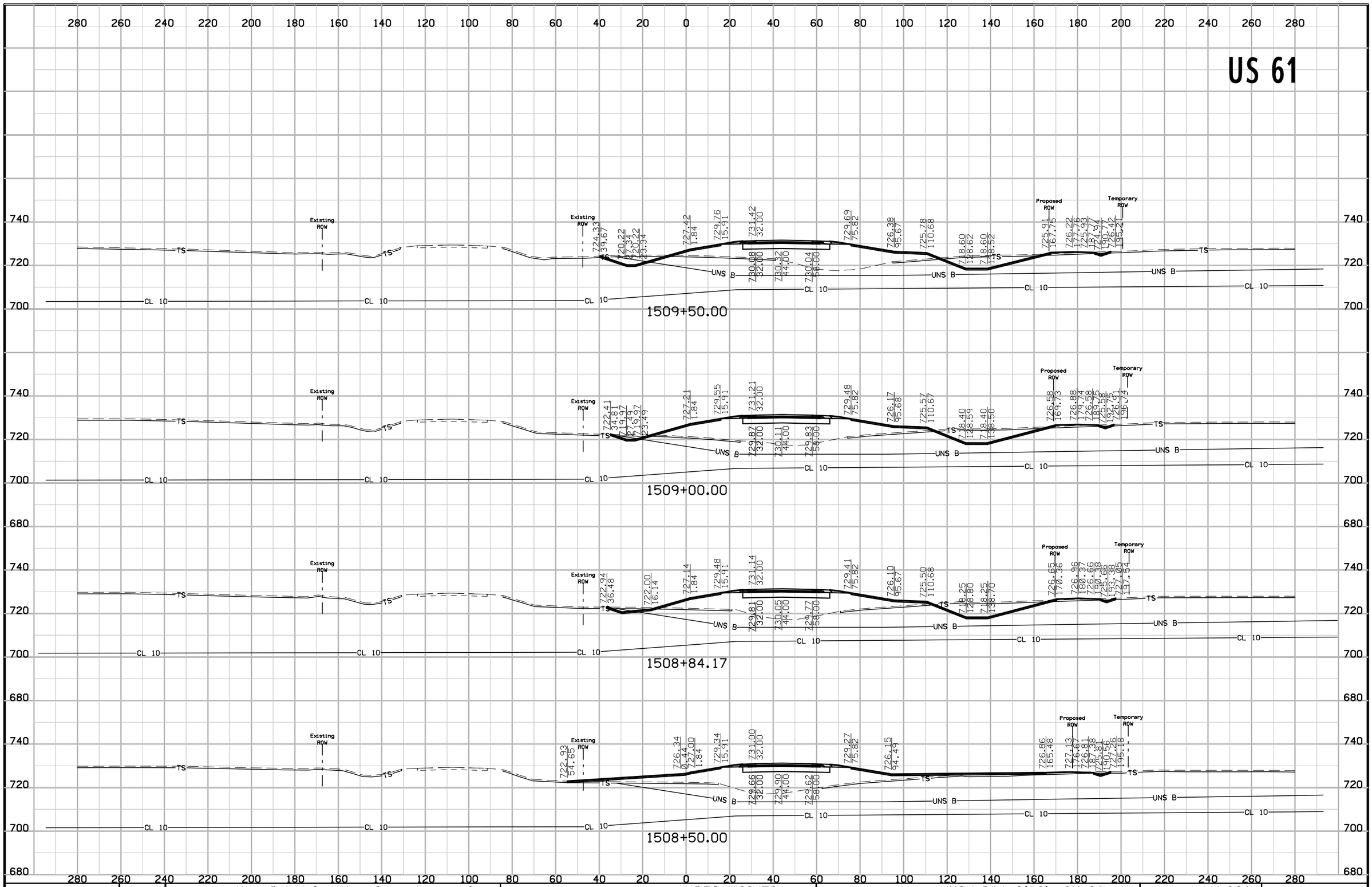
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.224

US 61



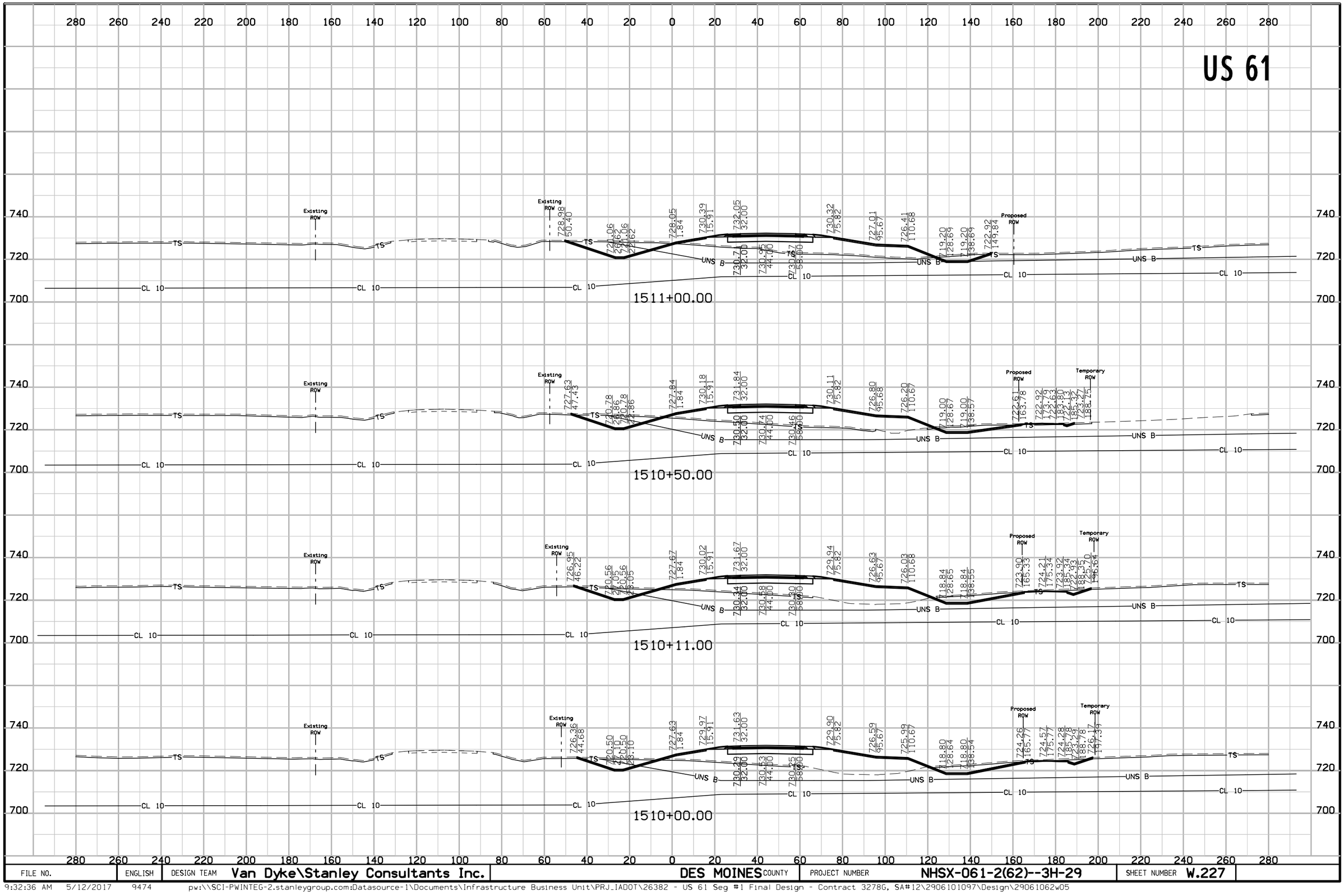
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.225

US 61



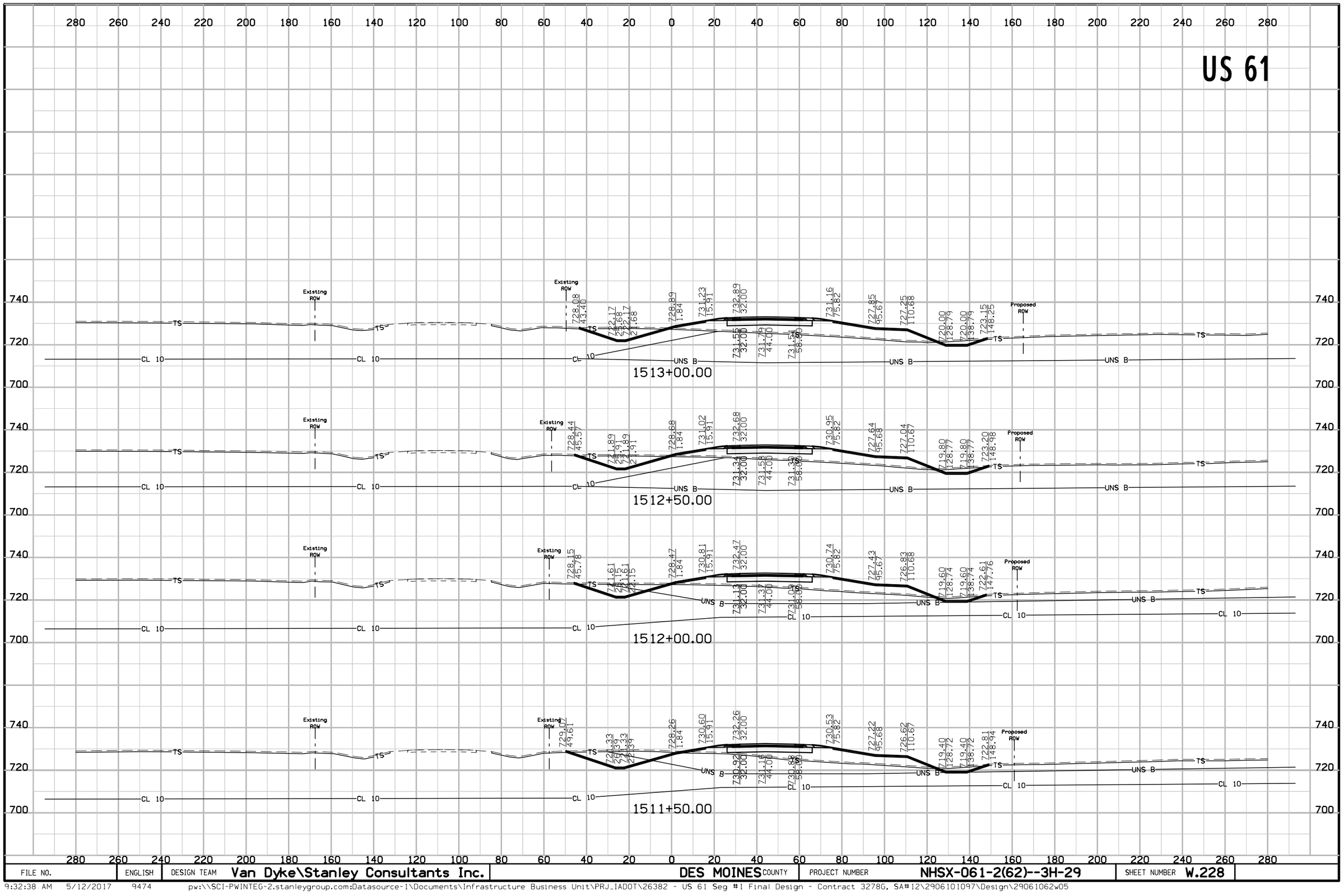
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.226

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.227

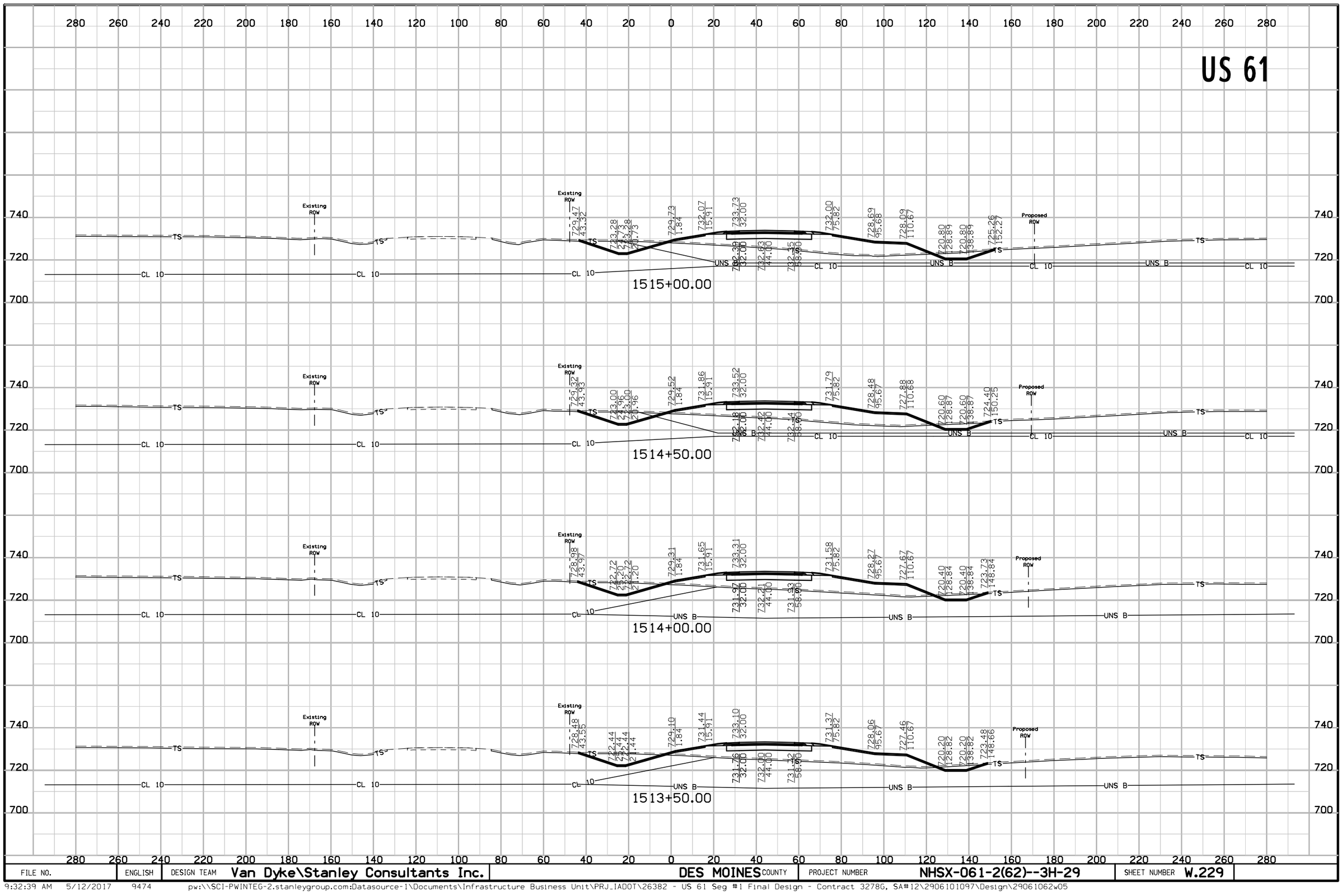
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.228

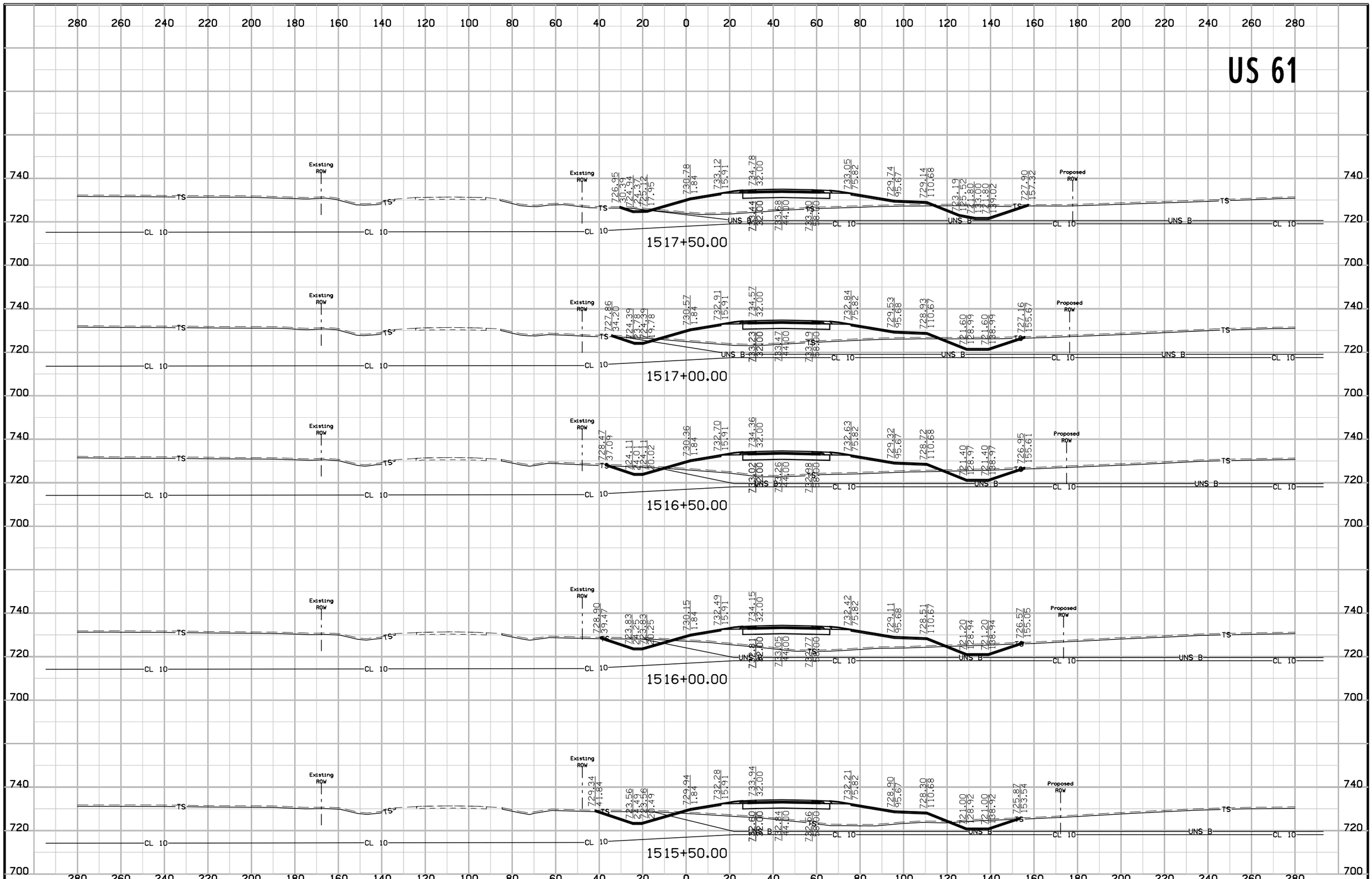
9:32:38 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.229

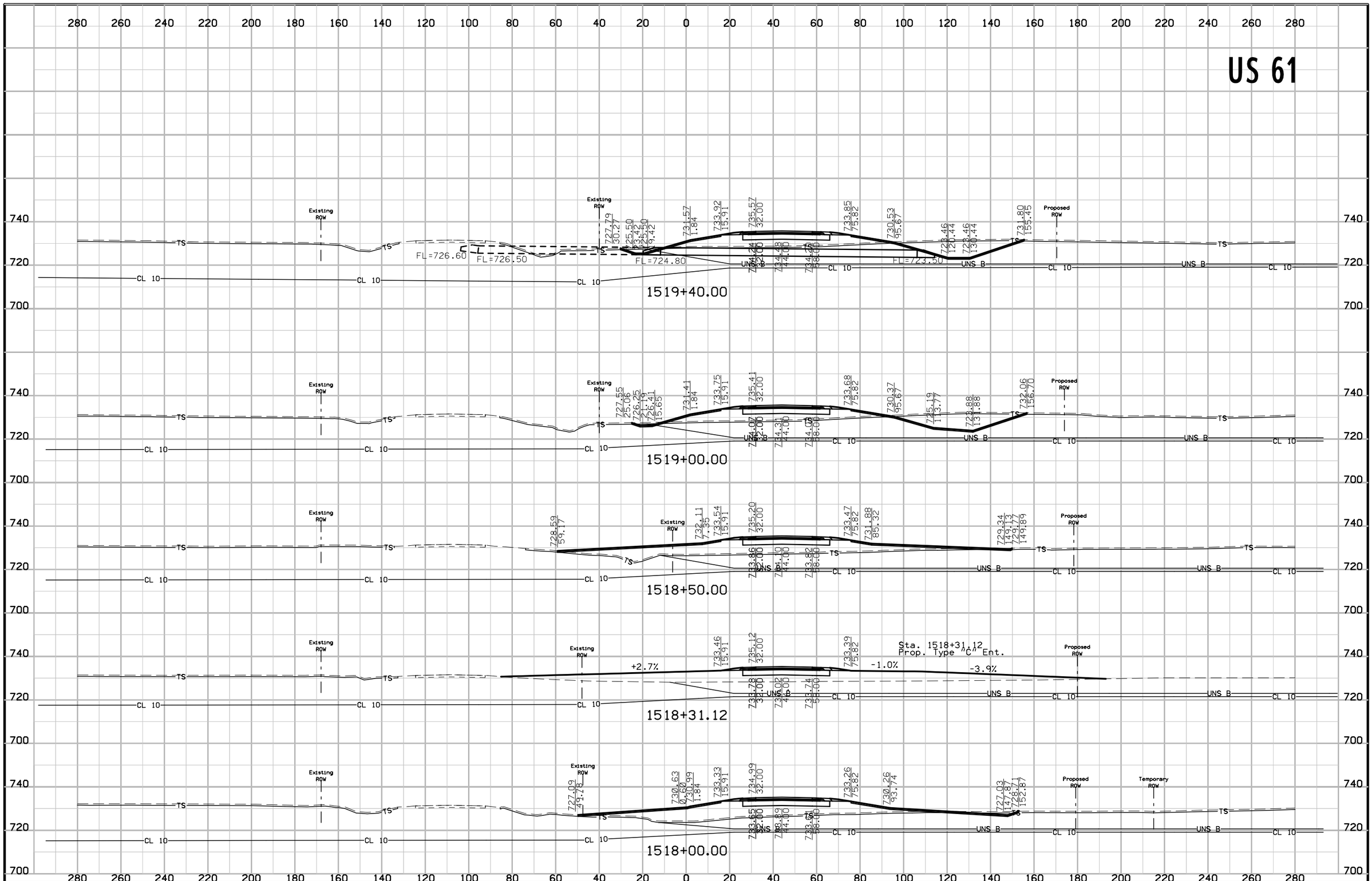
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.230

9:32:40 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

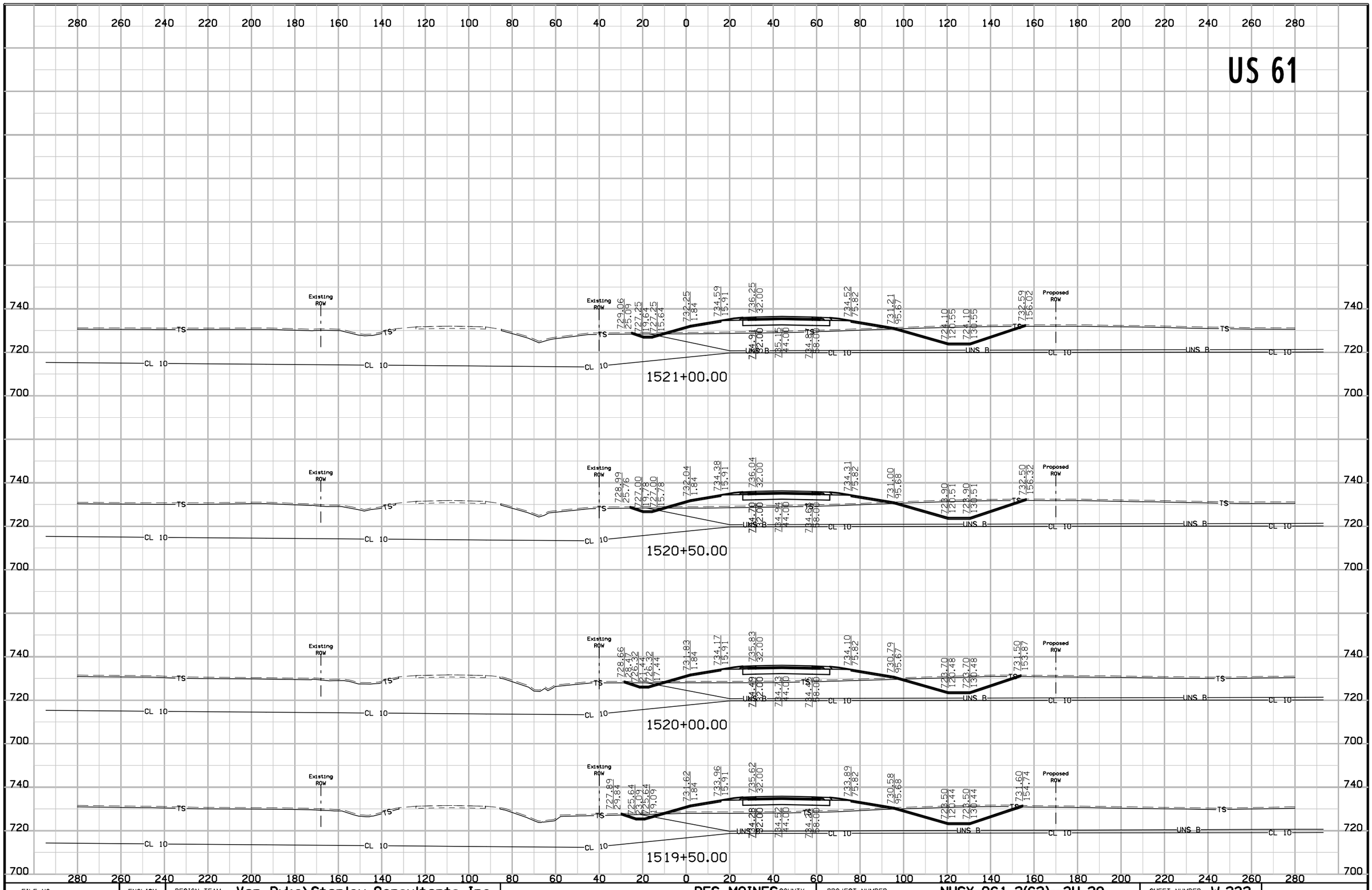
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.231

9:32:42 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

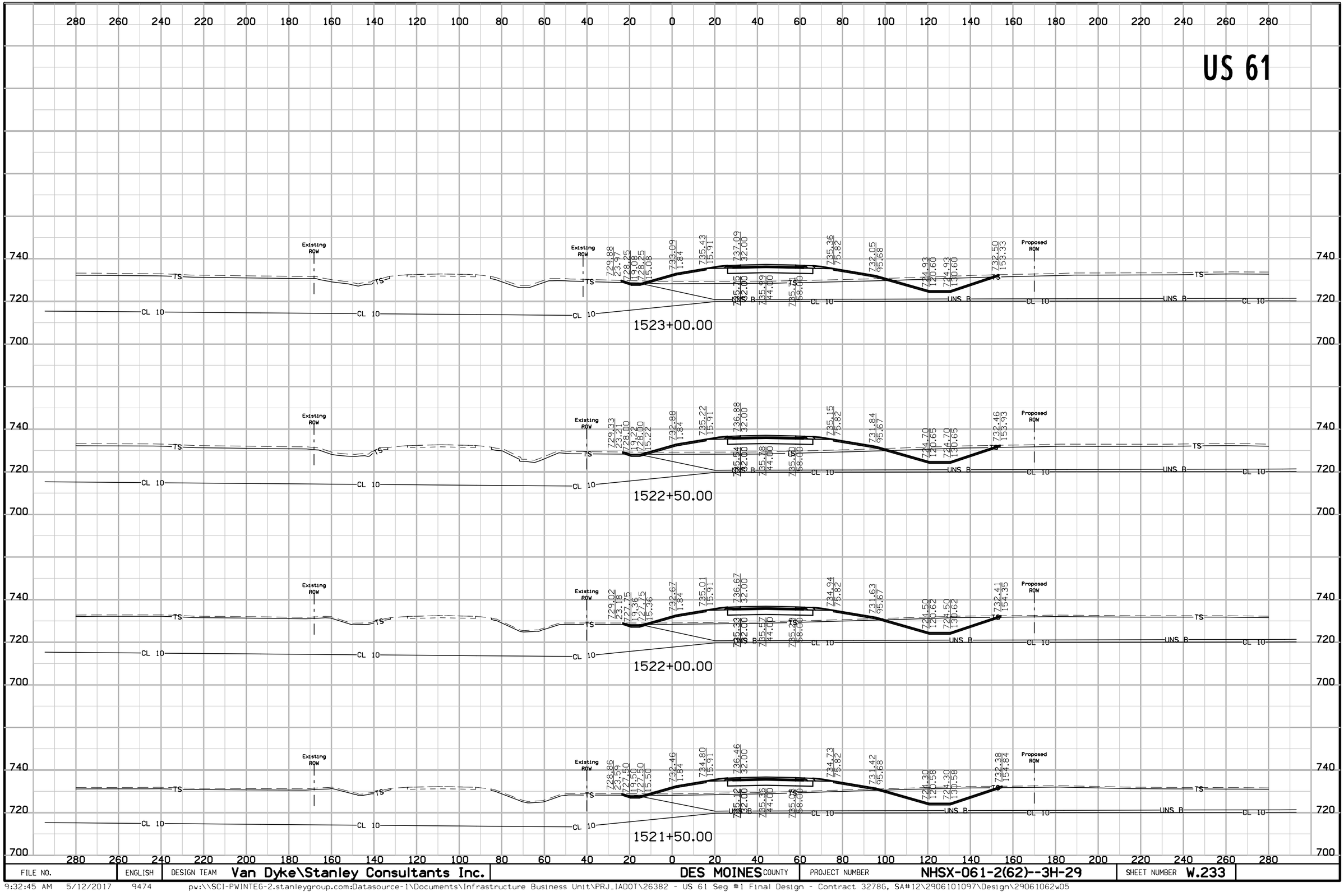
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.232

9:32:43 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

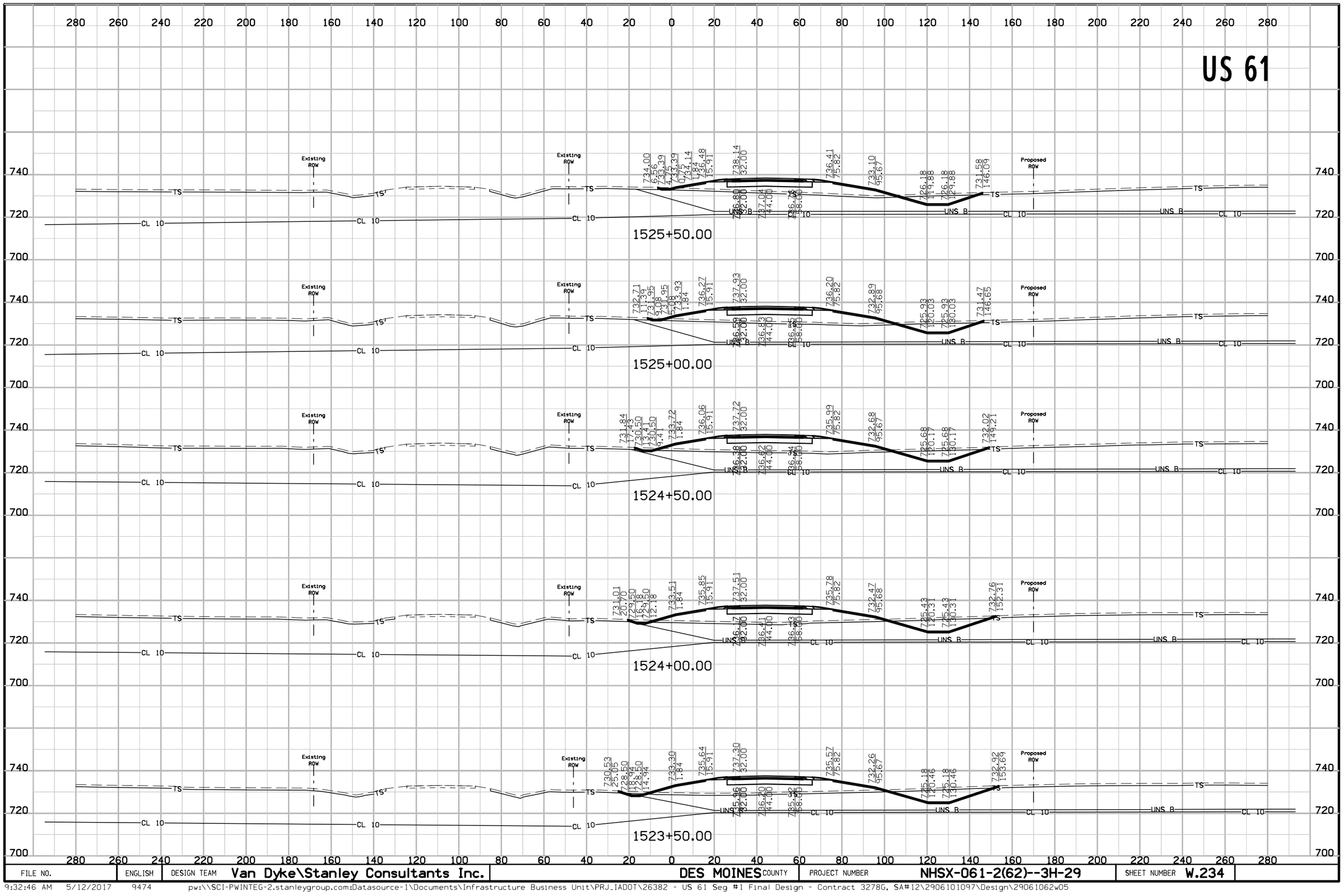
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.233

9:32:45 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

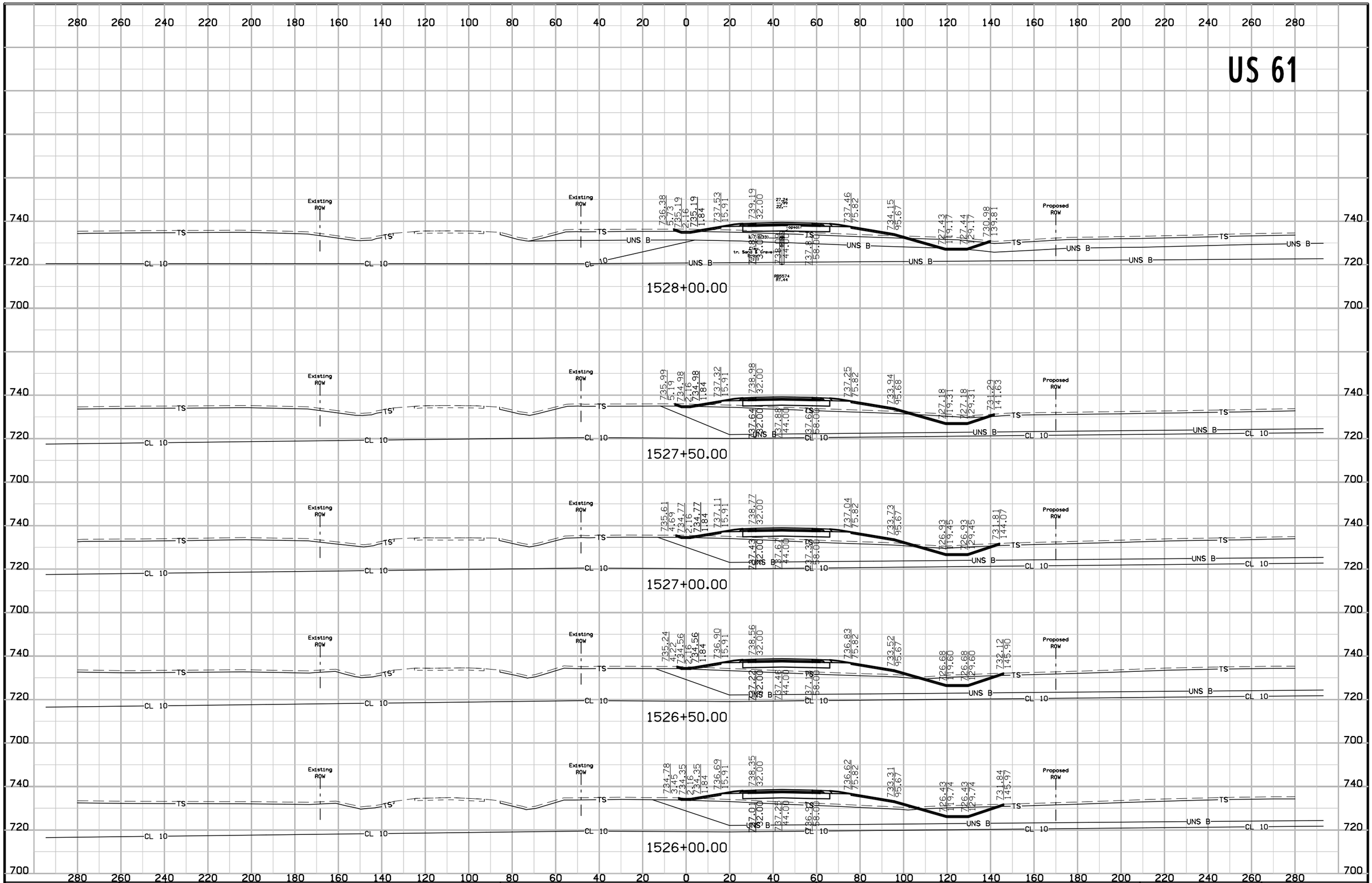
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.234

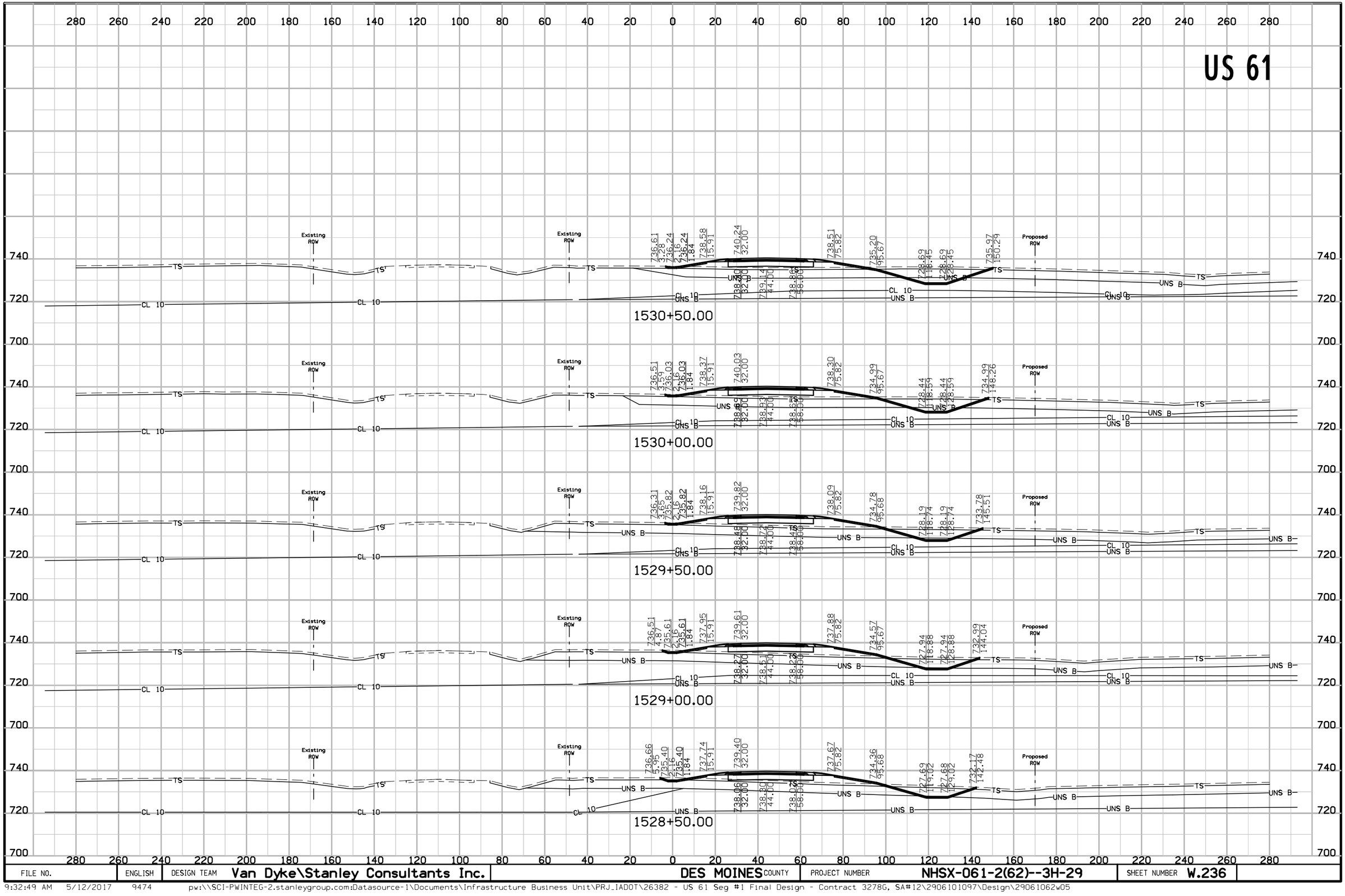
9:32:46 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



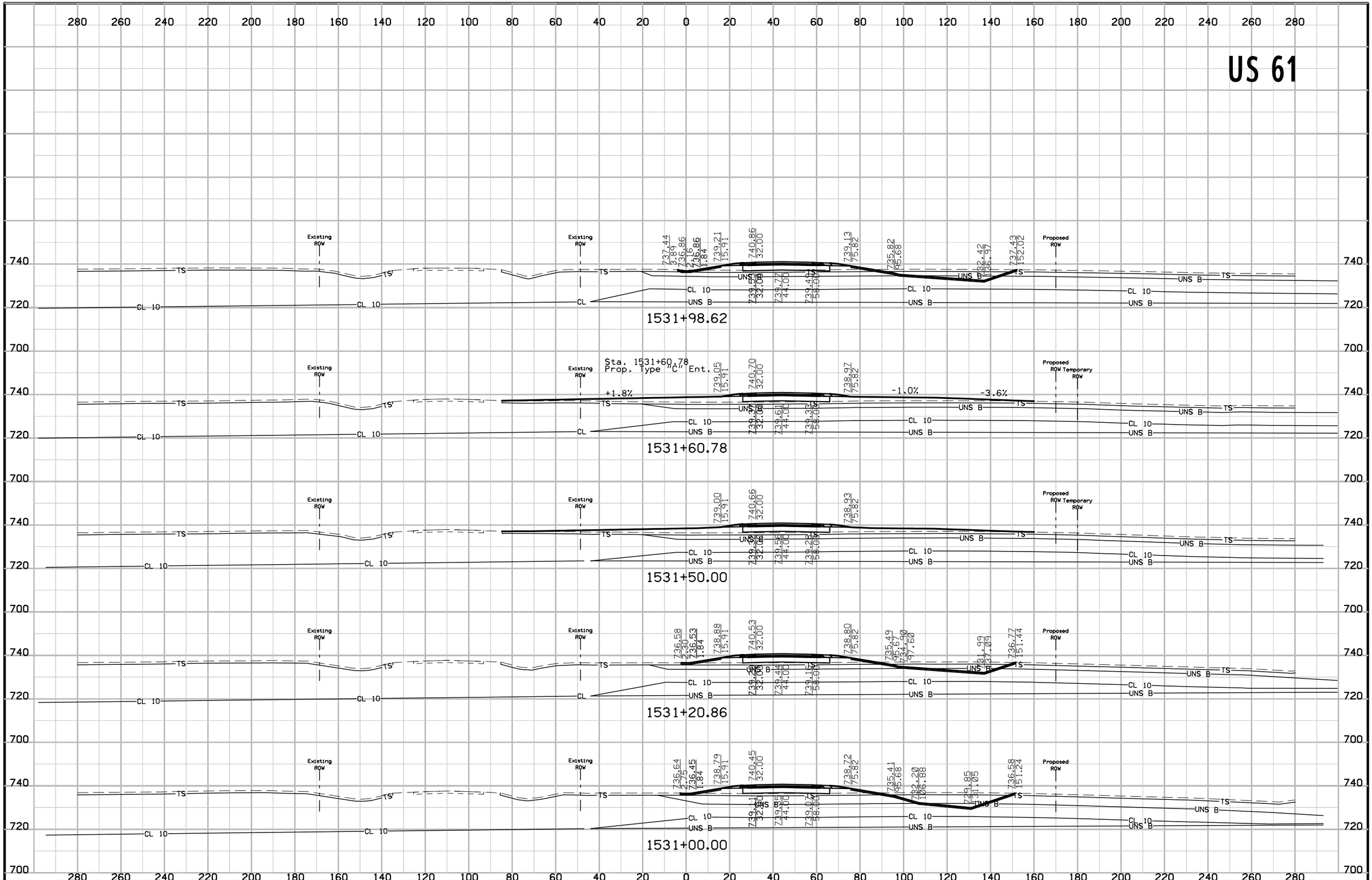
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.235

US 61



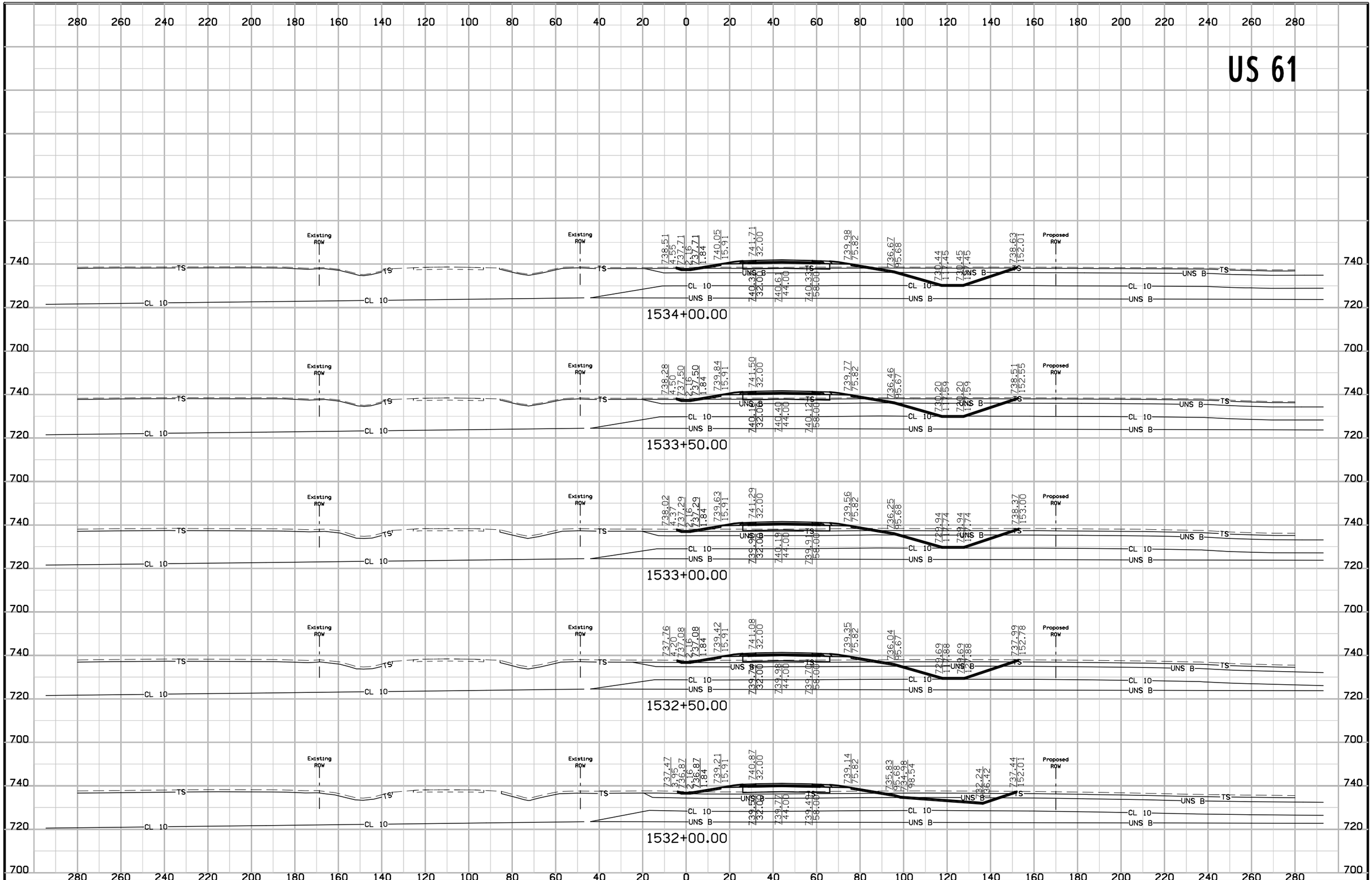
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.236

US 61



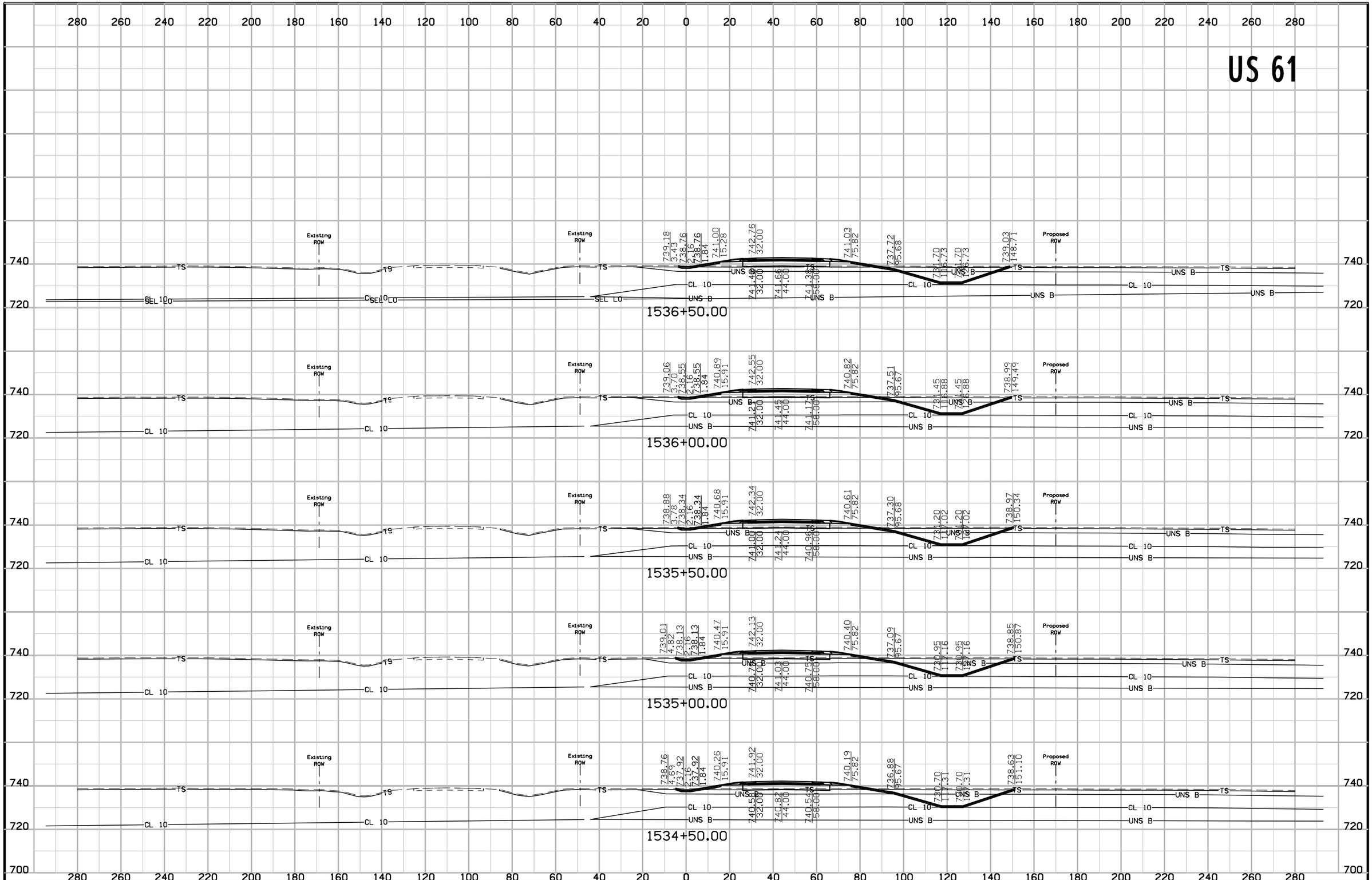
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.237

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.238

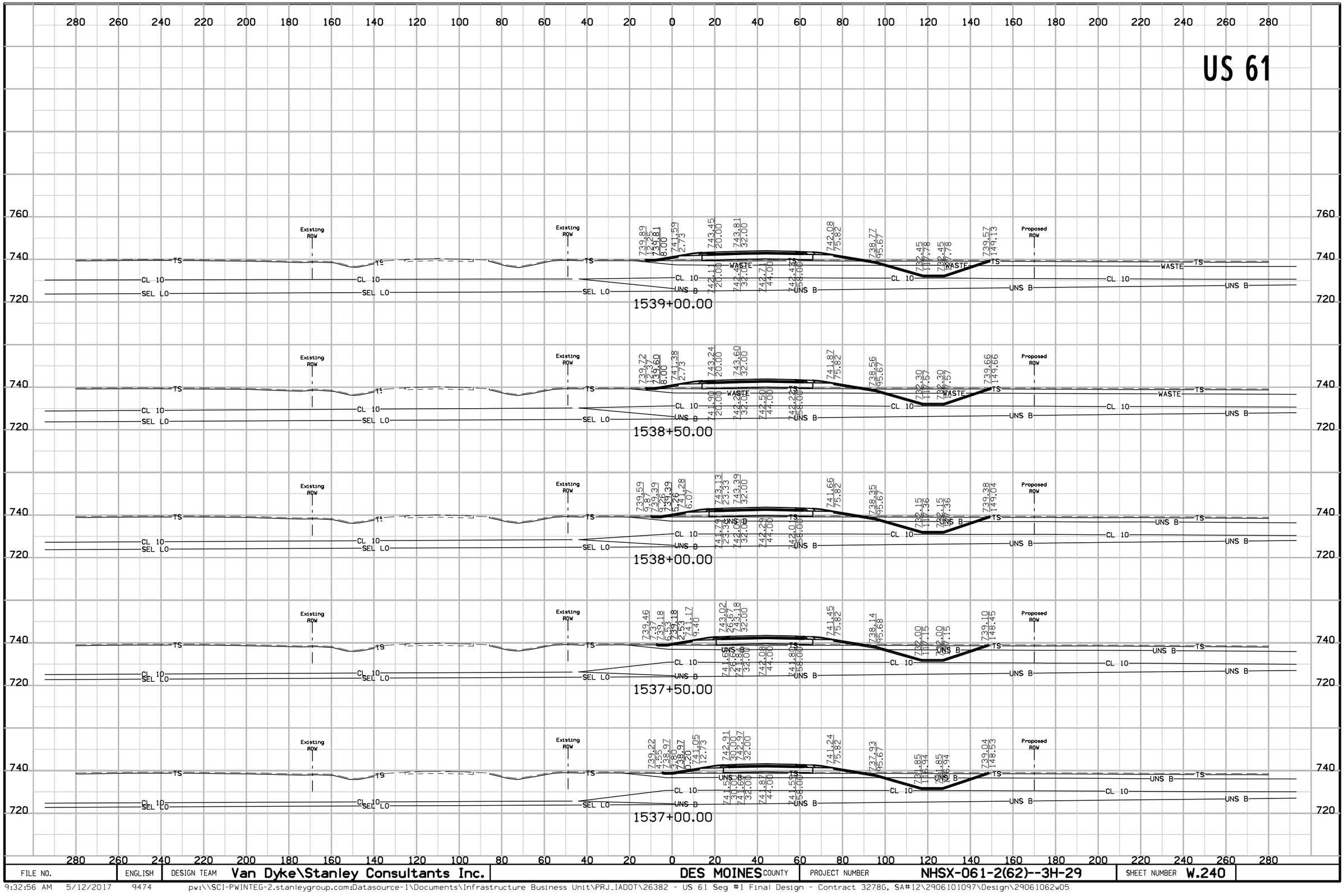
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.239

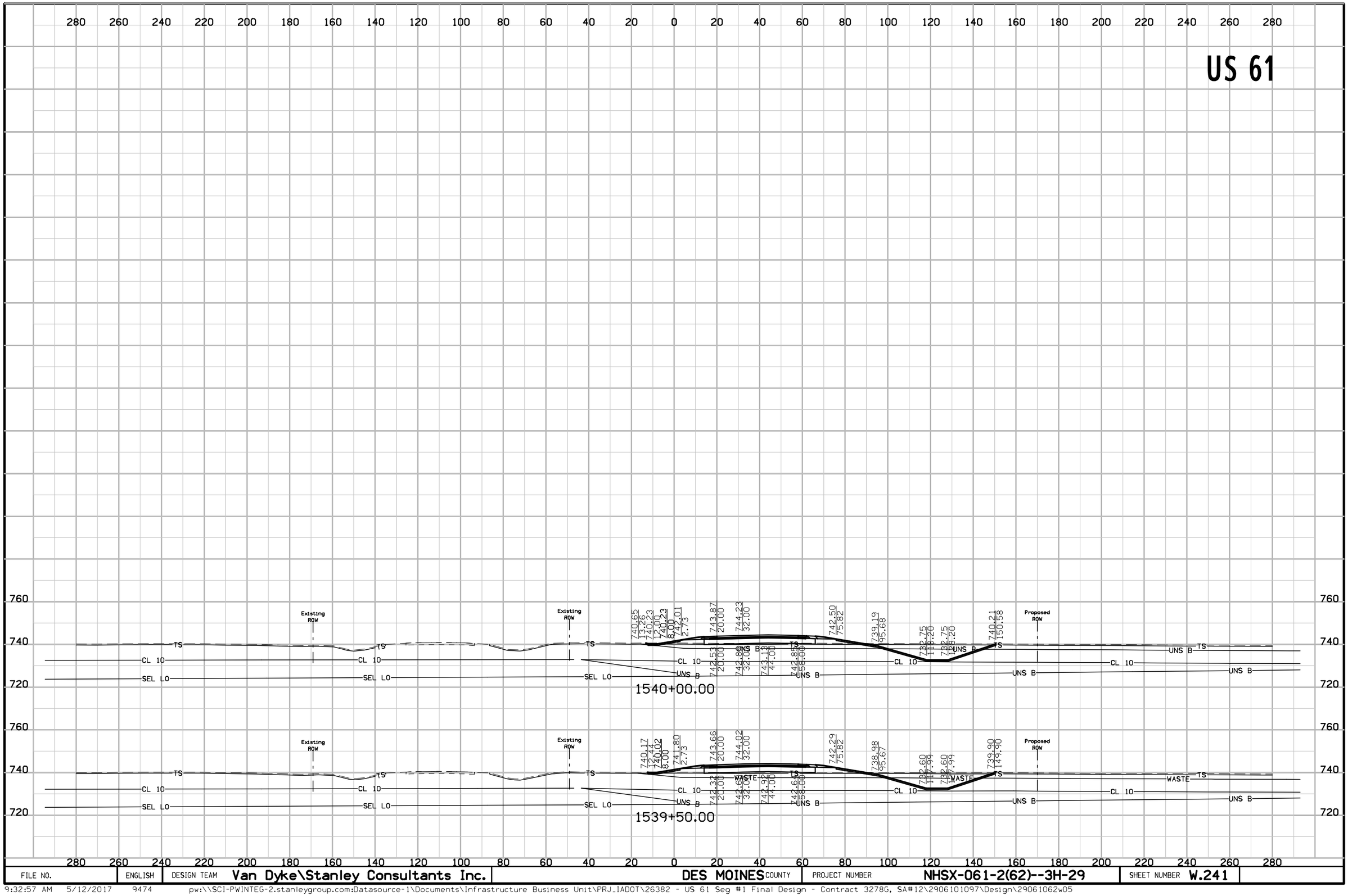
9:32:54 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w05

US 61



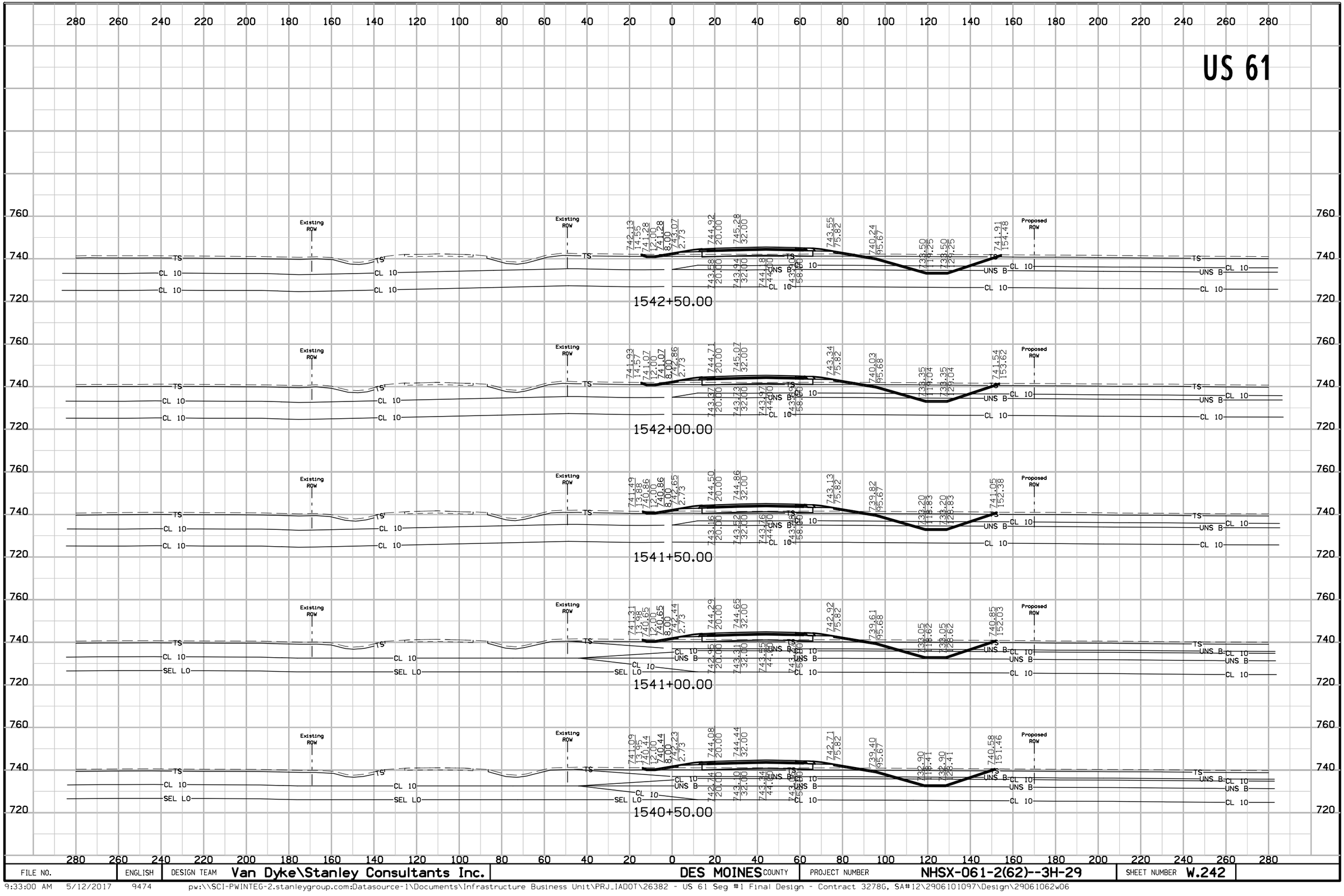
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.240

US 61



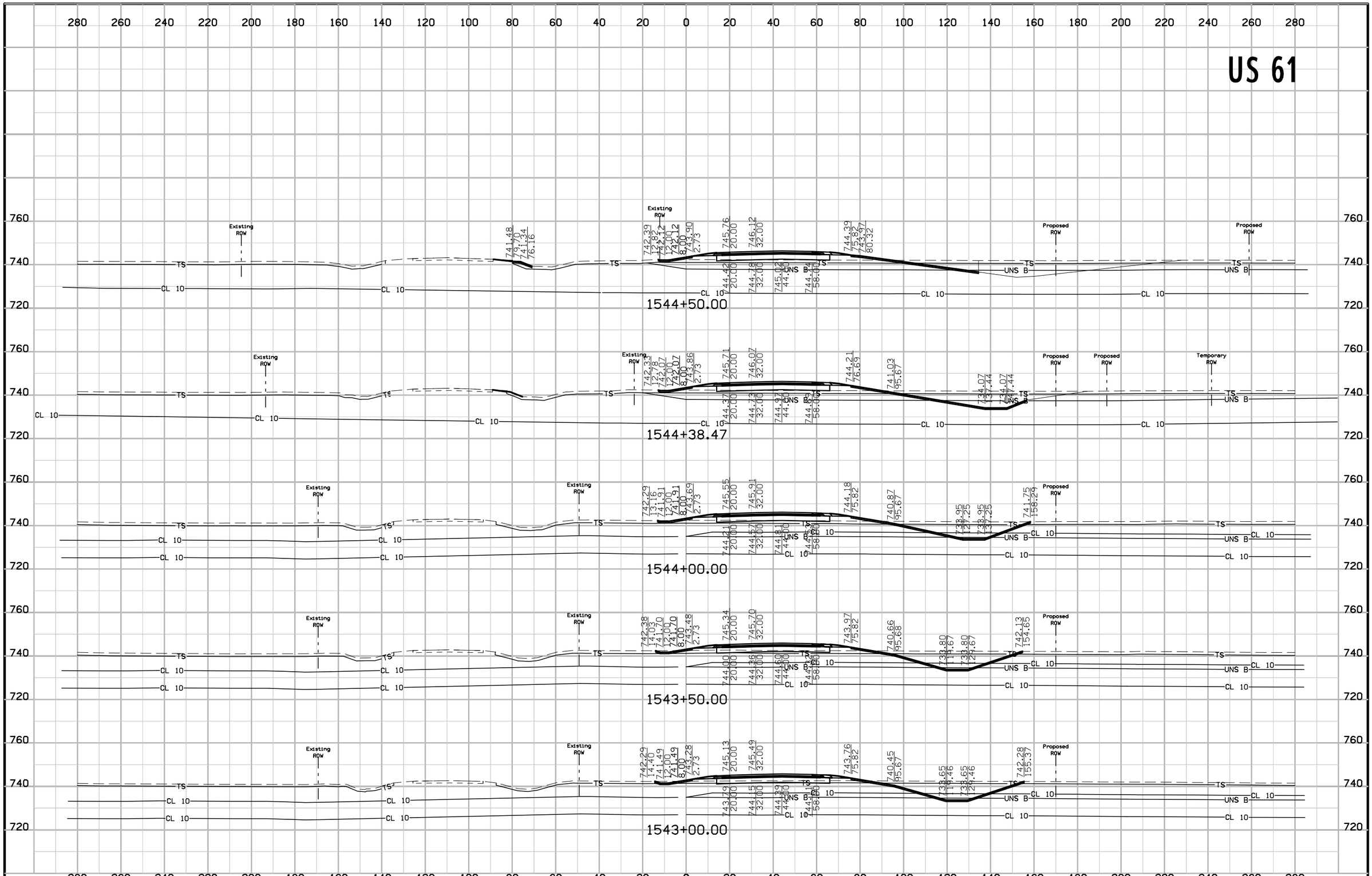
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.241

US 61



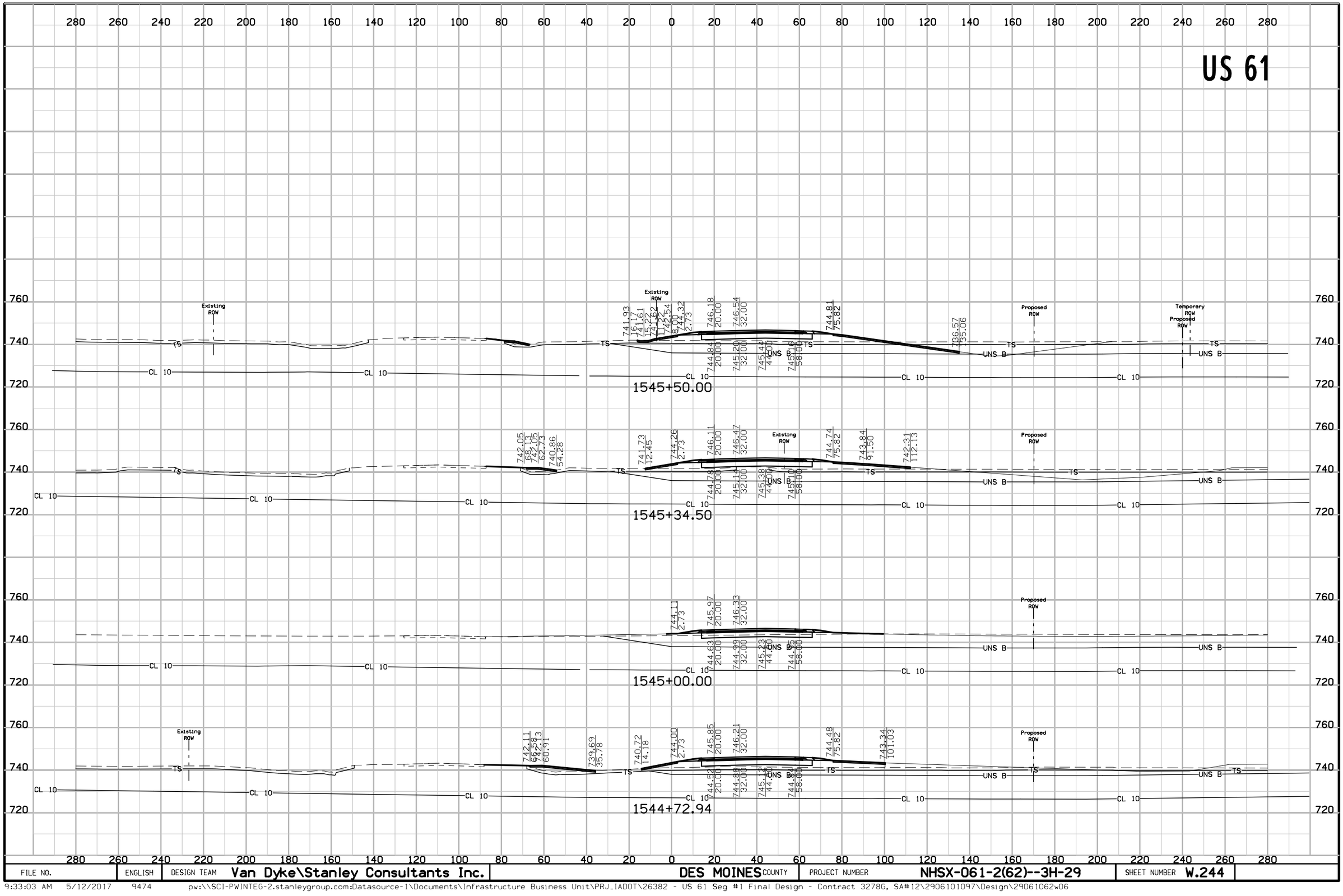
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.242

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.243

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.244

9:33:03 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\29061012097\Design\29061062w06

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

760 740 720

Existing ROW | Existing ROW | Proposed ROW

TS | TS | TS | UNS B | TS | UNS B

CL 10 | CL 10 | CL | CL 10 | CL 10 | CL 10

741.95 12.63 740.99 5.76 740.99 5.76 743.17 1.84 745.51 15.91 747.17 32.00 745.44 75.82 742.13 95.67 734.85 121.14 734.85 131.14 741.40 150.79

745.83 32.00 746.07 44.00 745.74 58.00

1547+00.00

741.65 12.05 740.83 9.59 740.83 5.59 742.96 1.84 745.30 15.91 746.96 32.00 745.23 75.82 741.92 95.68 734.70 120.93 734.70 130.93 741.37 150.95

745.62 32.00 745.86 44.00 745.53 58.00

1546+50.00

740.80 5.56 740.91 1.84 745.24 15.79 746.91 32.00 745.19 75.82 741.87 95.68 734.67 120.89 734.67 130.89 741.35 150.93

745.58 32.00 745.82 44.00 745.49 58.00

1546+40.00

741.51 10.05 740.96 8.41 740.96 4.41 742.75 1.84 744.90 14.73 746.75 32.00 745.02 75.82 741.71 95.67 734.55 129.07 734.55 139.07 741.30 157.15

745.41 32.00 745.65 44.00 745.32 58.00

1546+00.00

742.02 15.78 741.48 10.10 742.57 6.27 744.42 4.84 746.28 22.10 746.57 32.00 744.84 75.82 734.43 118.31 734.43 128.31 736.94 154.61

744.94 22.10 745.24 32.00 745.48 44.00 745.20 58.00

1545+58.76

Existing ROW | Existing ROW | Proposed ROW | Proposed ROW | Temporary ROW

TS | TS | TS | UNS B | TS | UNS B

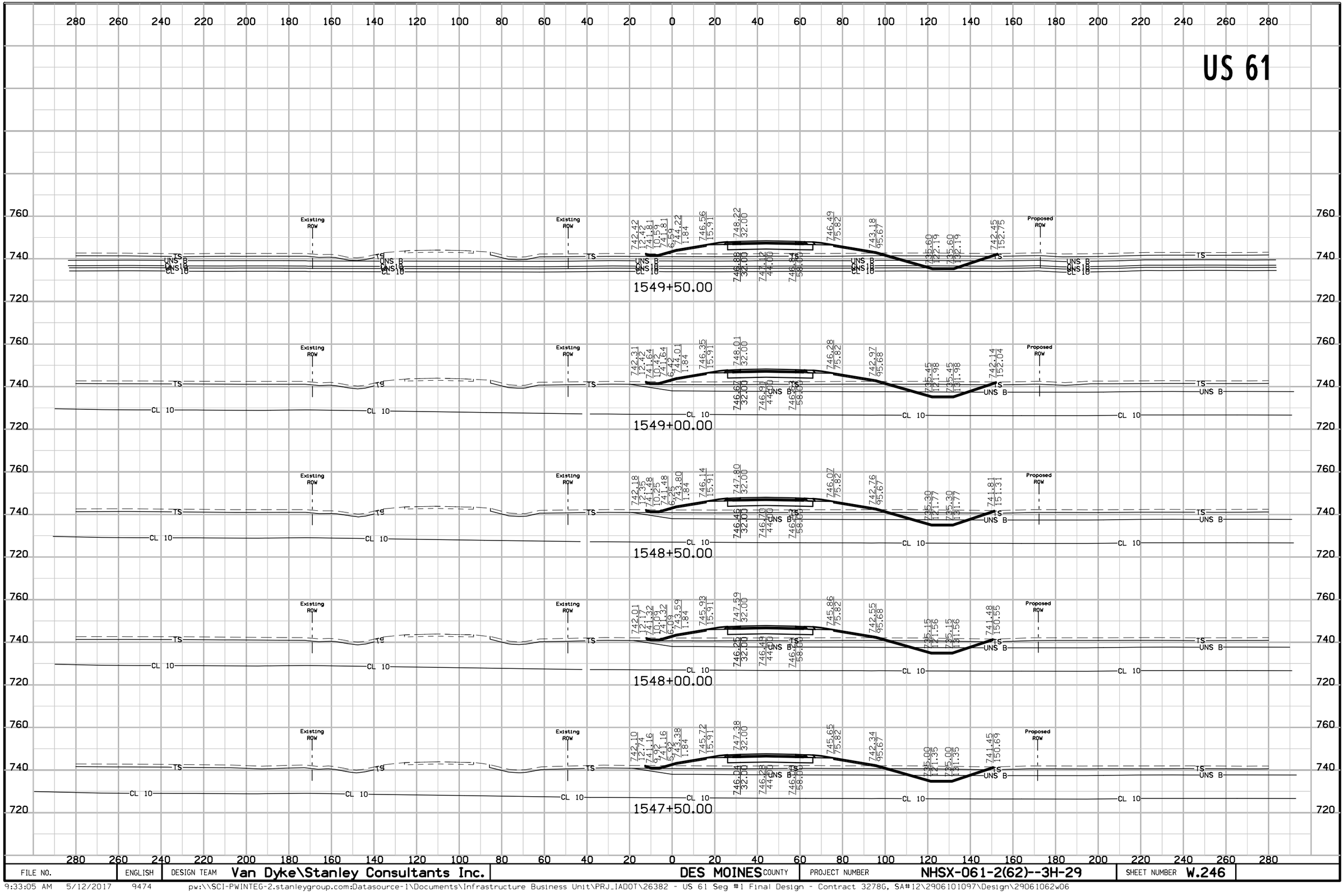
CL 10 | CL 10 | CL 10 | CL 10 | CL 10 | CL 10

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.245

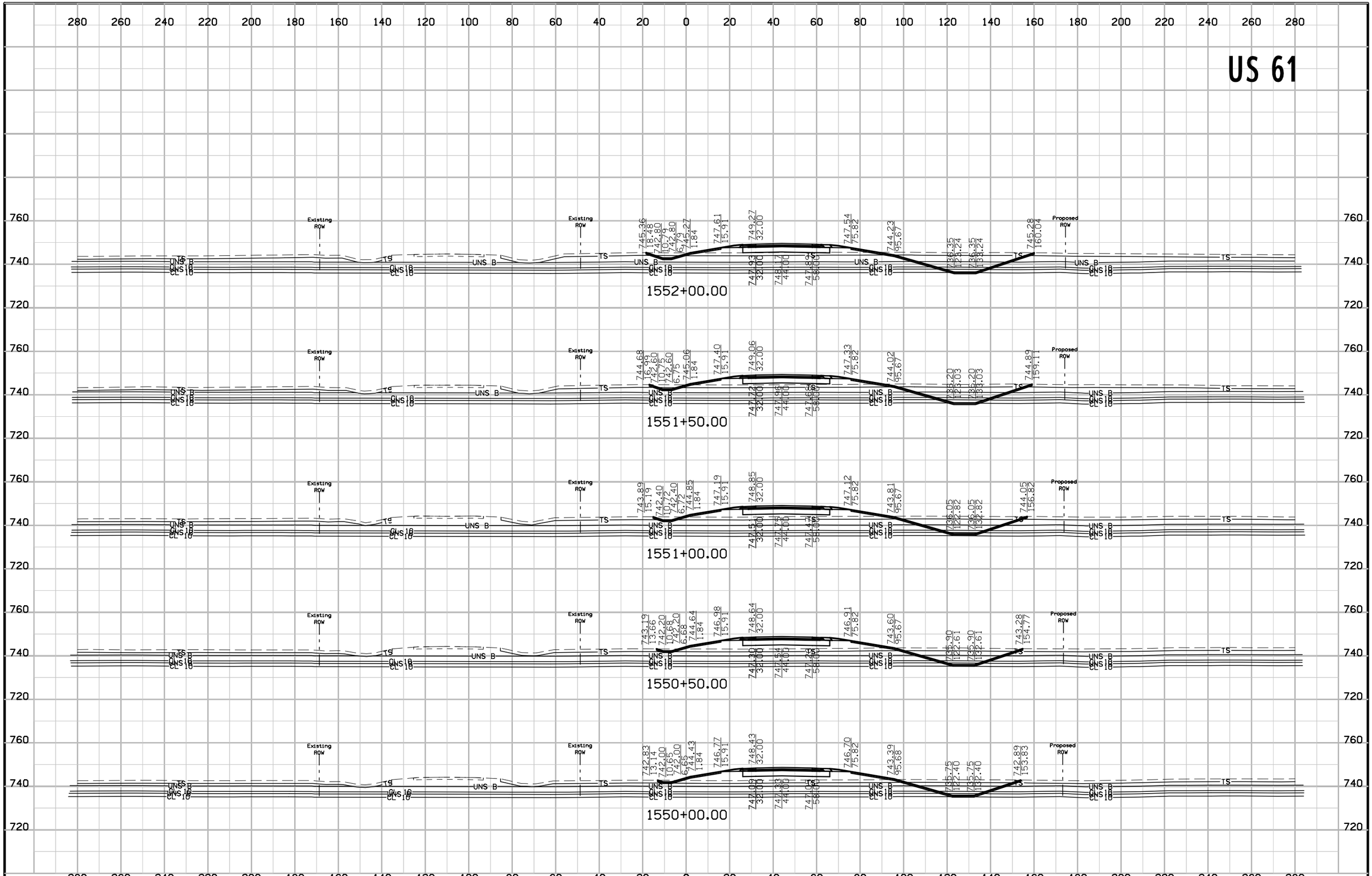
9:33:04 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.246

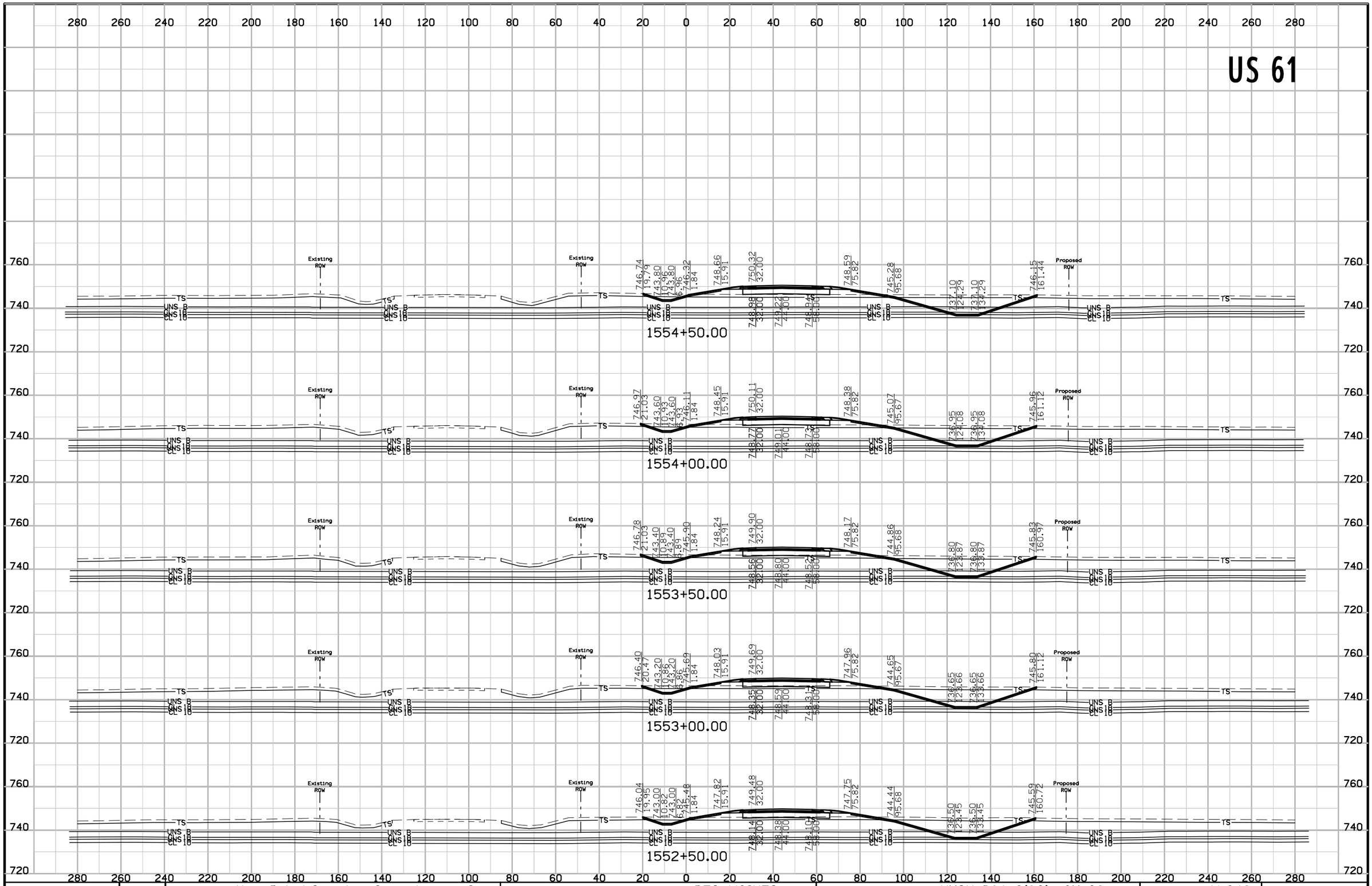
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.247

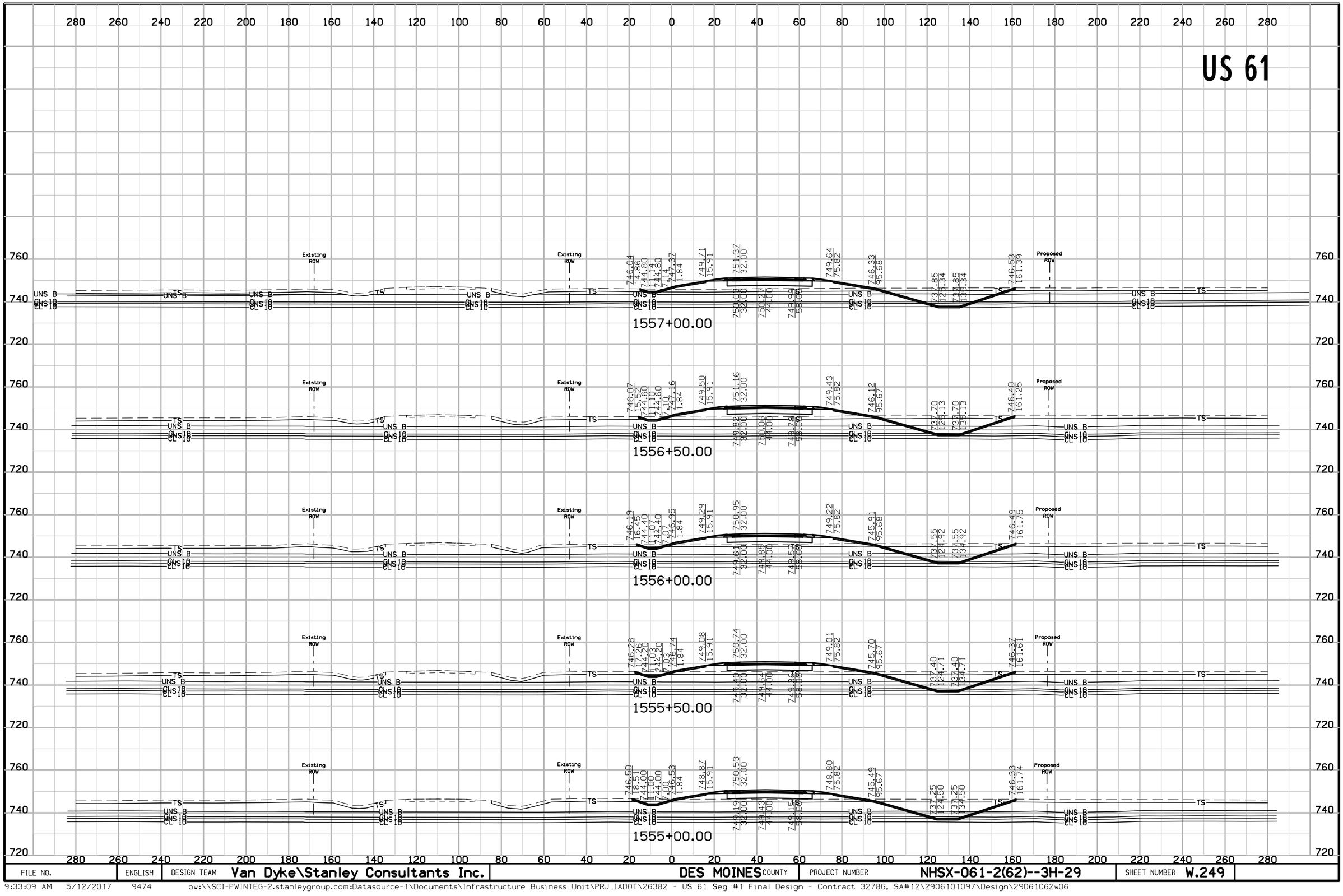
9:33:07 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.248

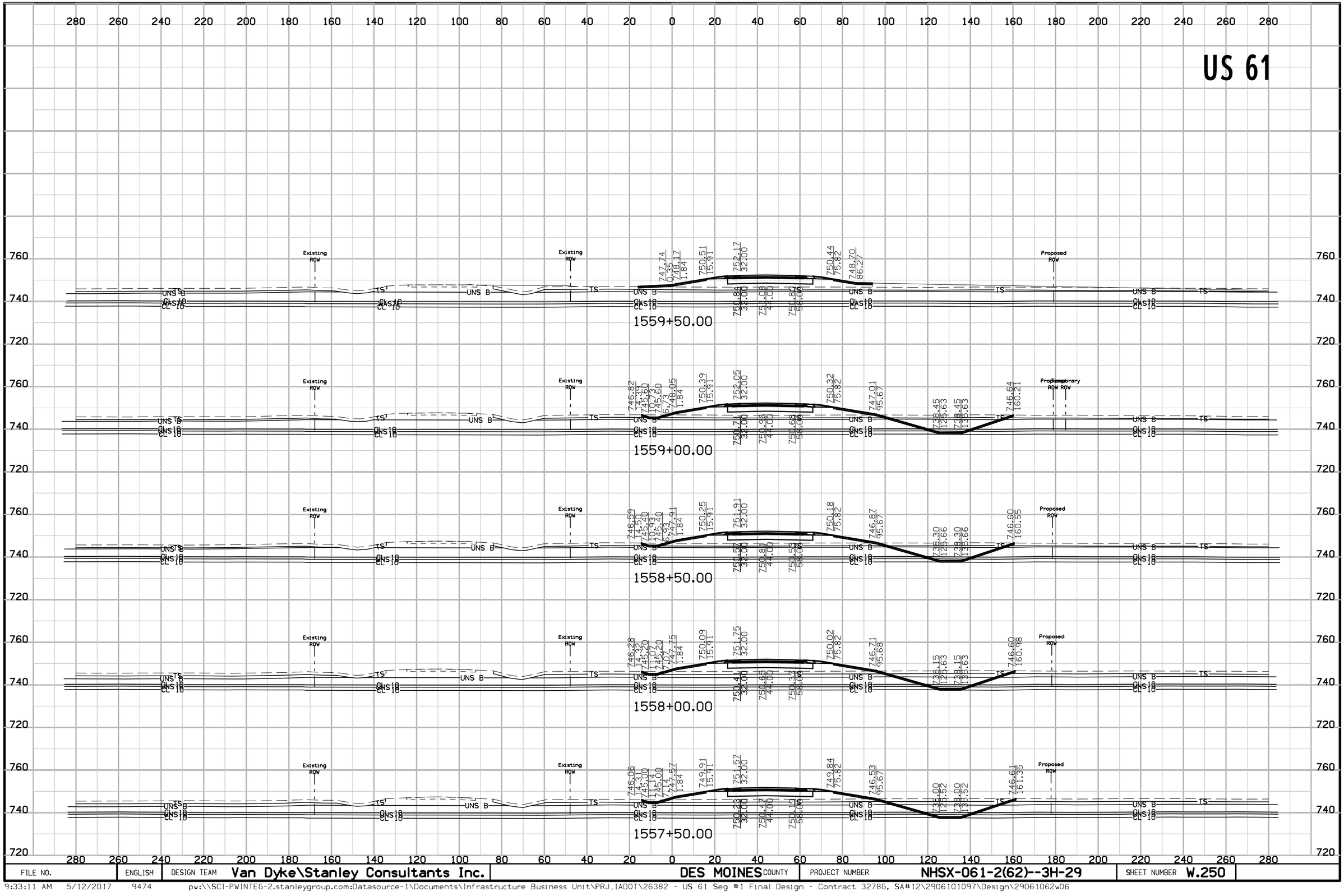
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.249

9:33:09 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

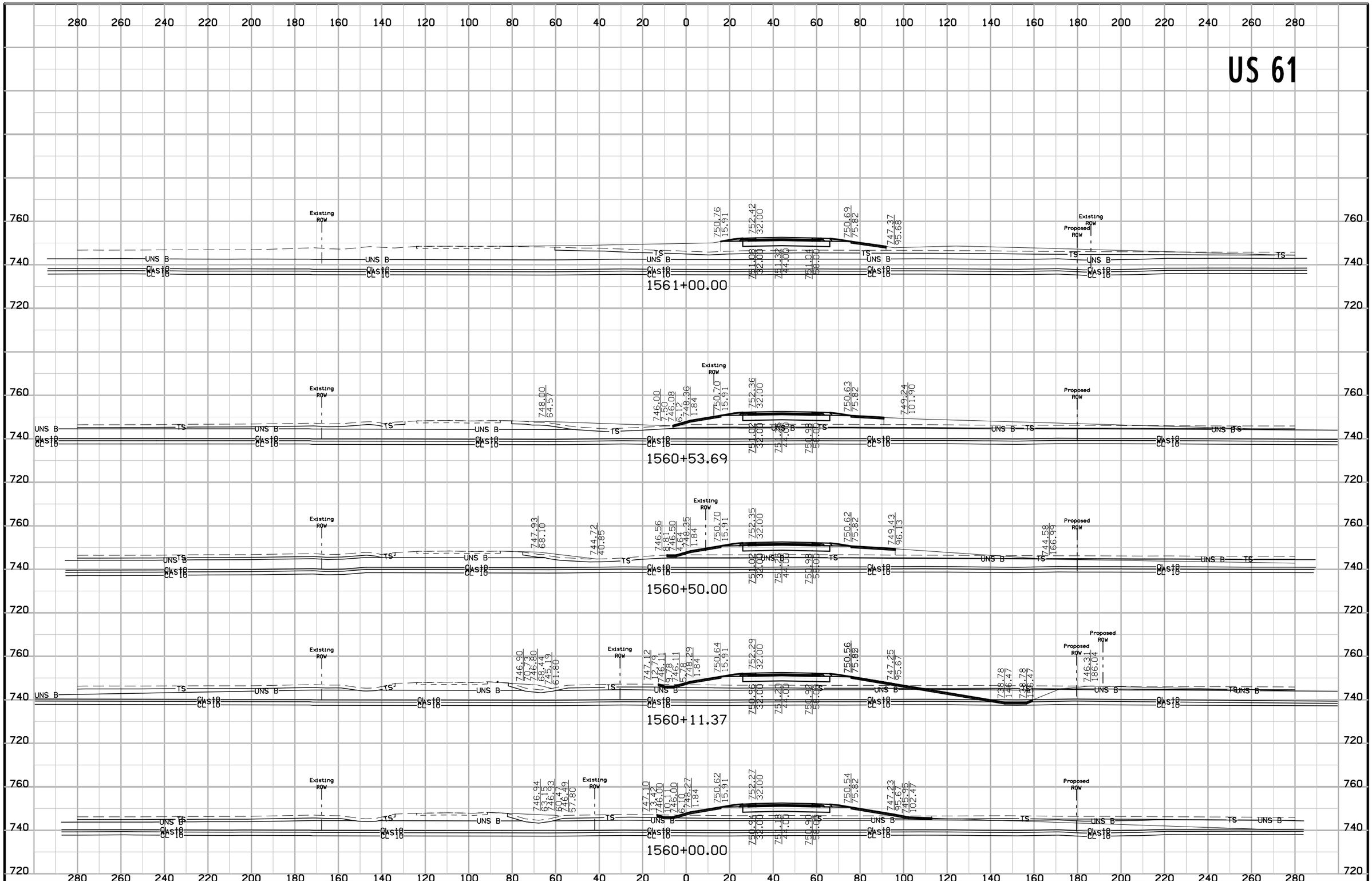
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.250

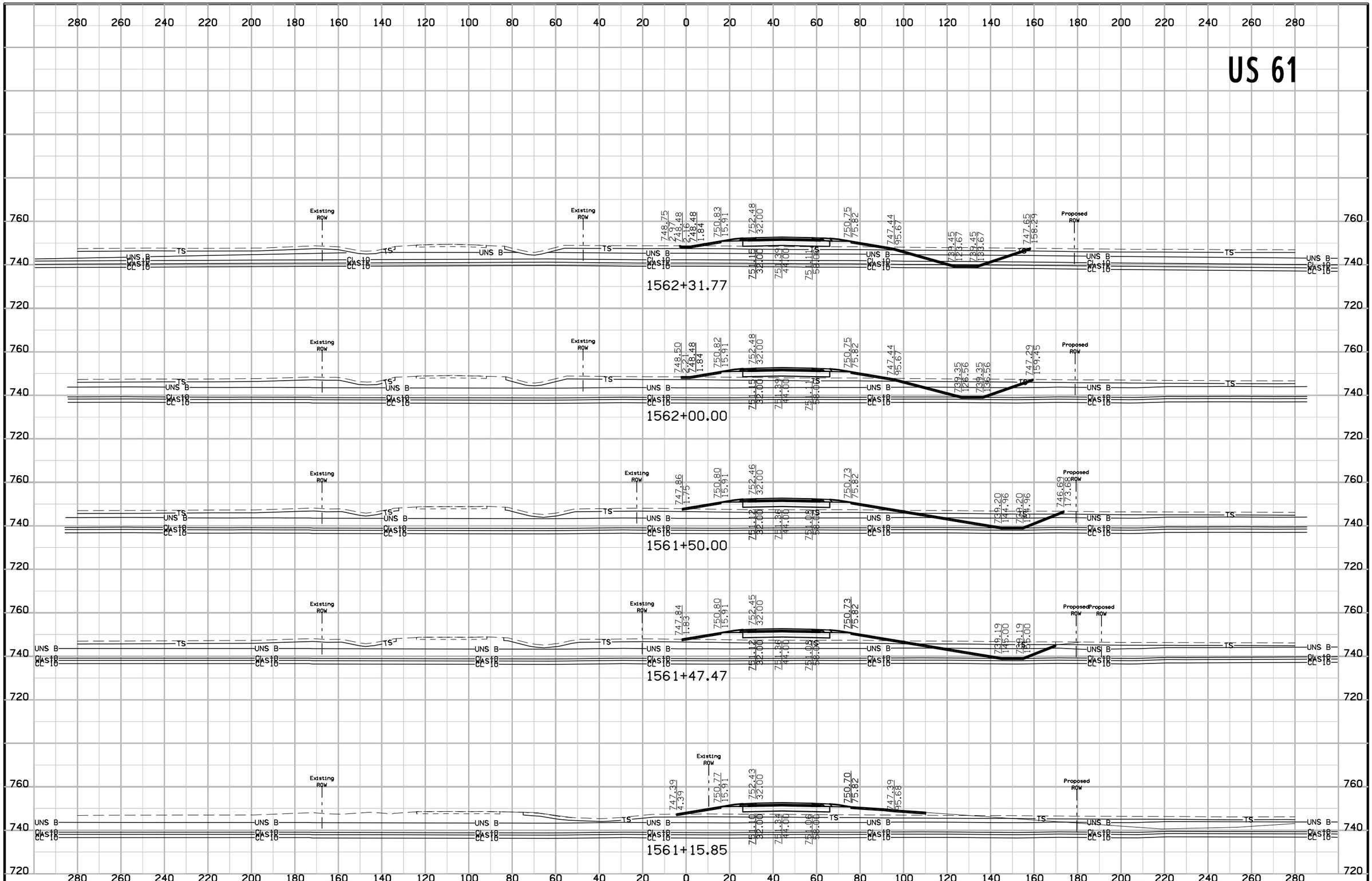
9:33:11 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.251

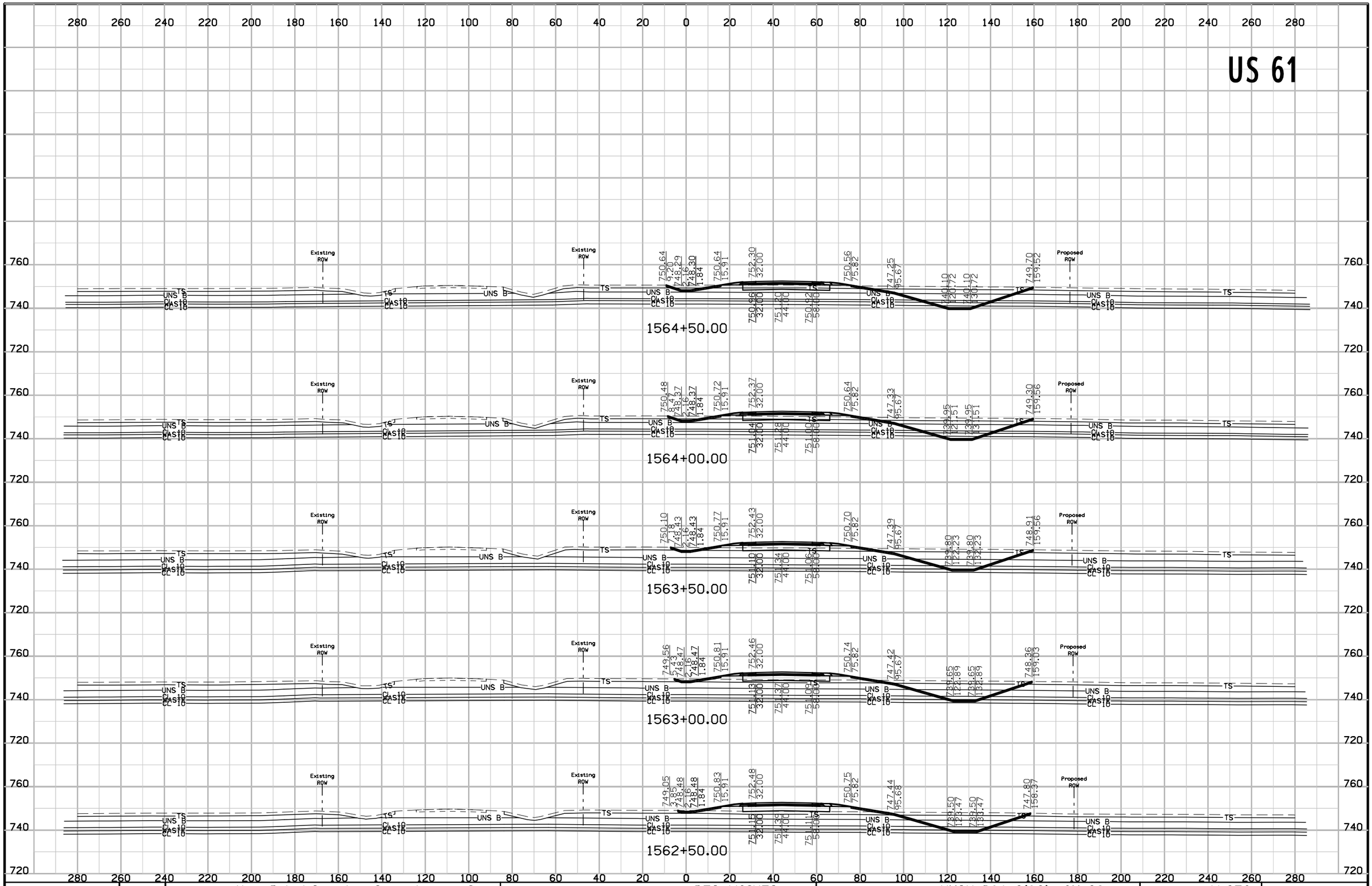
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.252

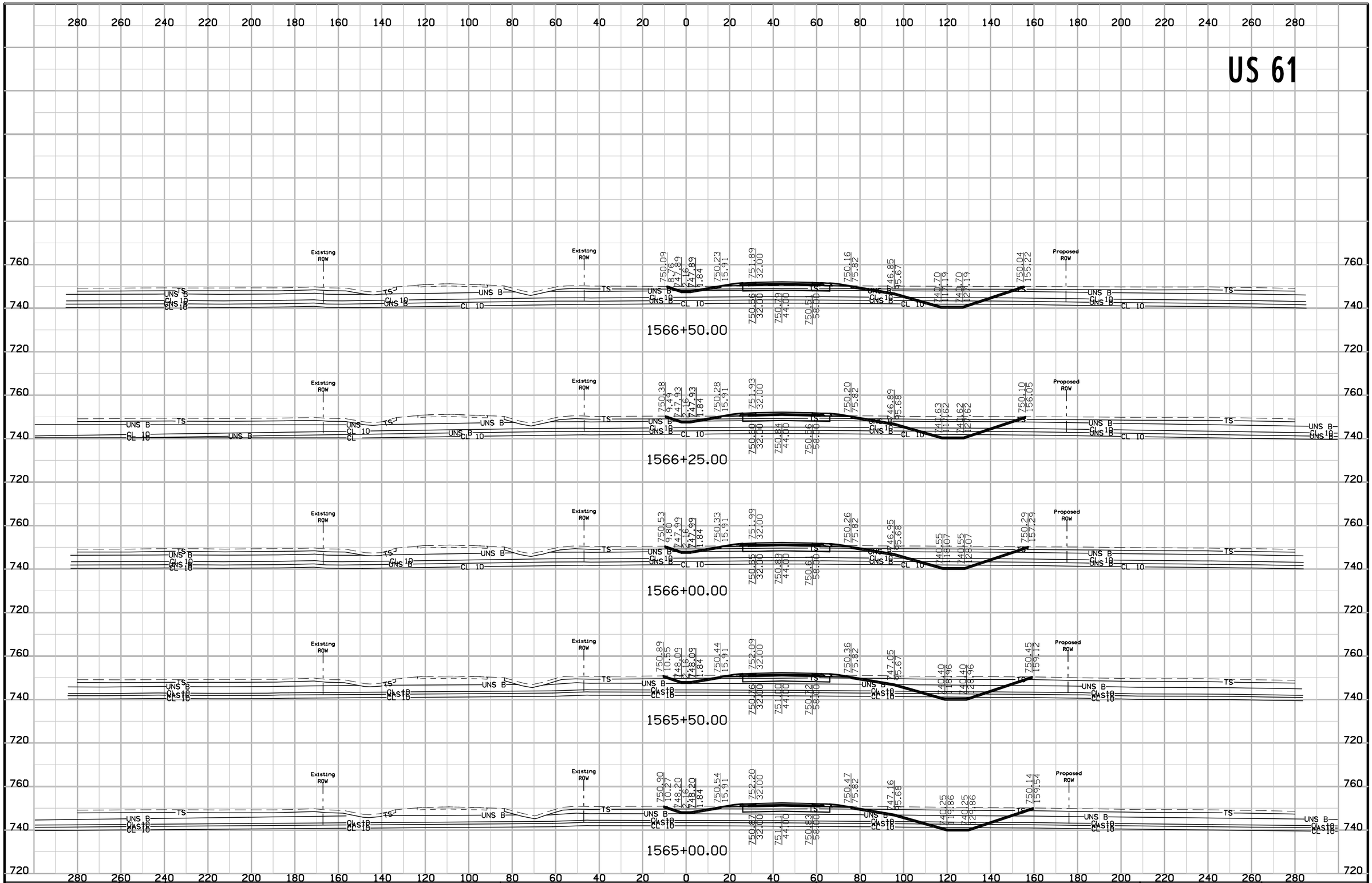
9:33:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

US 61



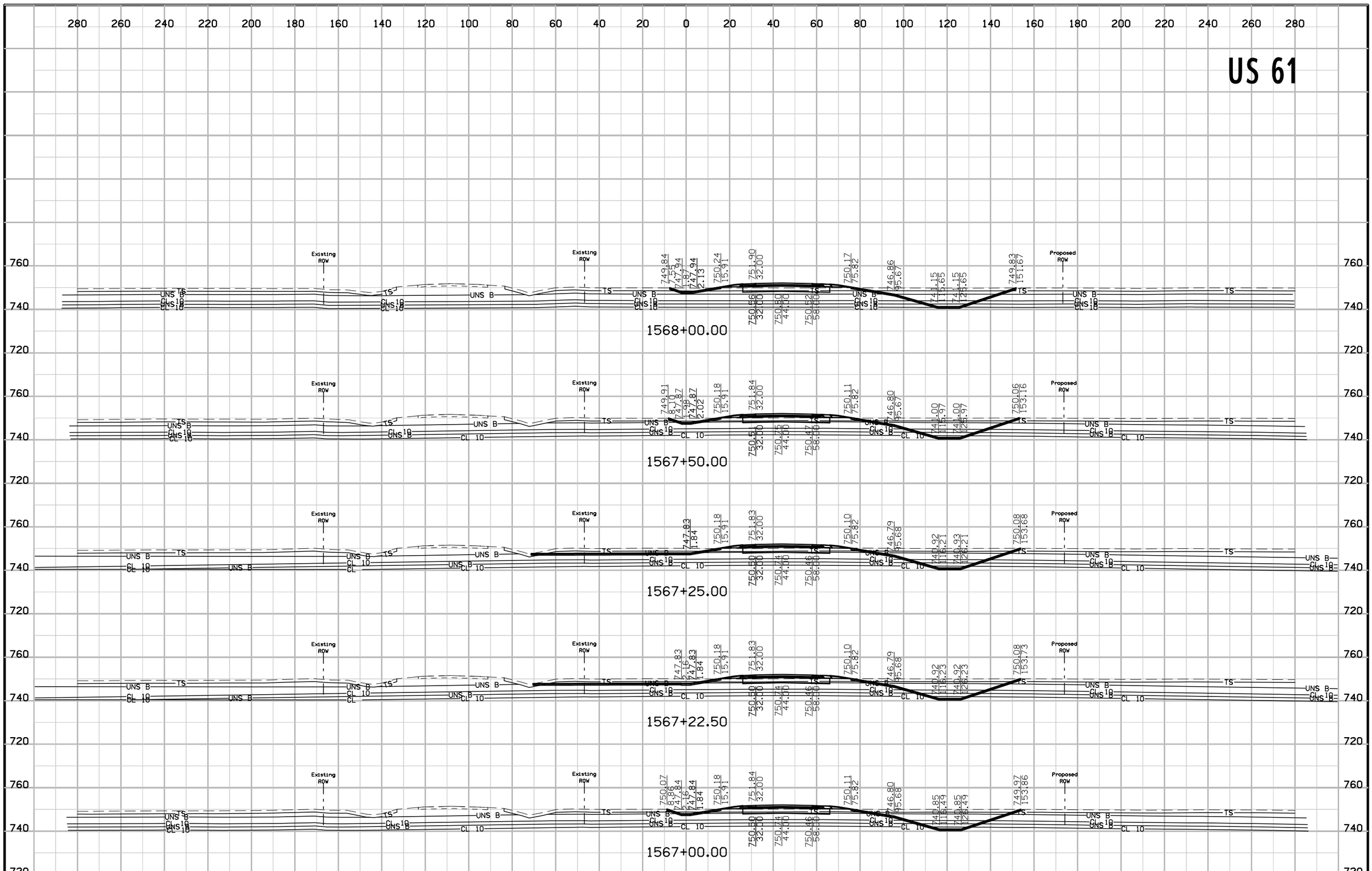
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.253

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.254

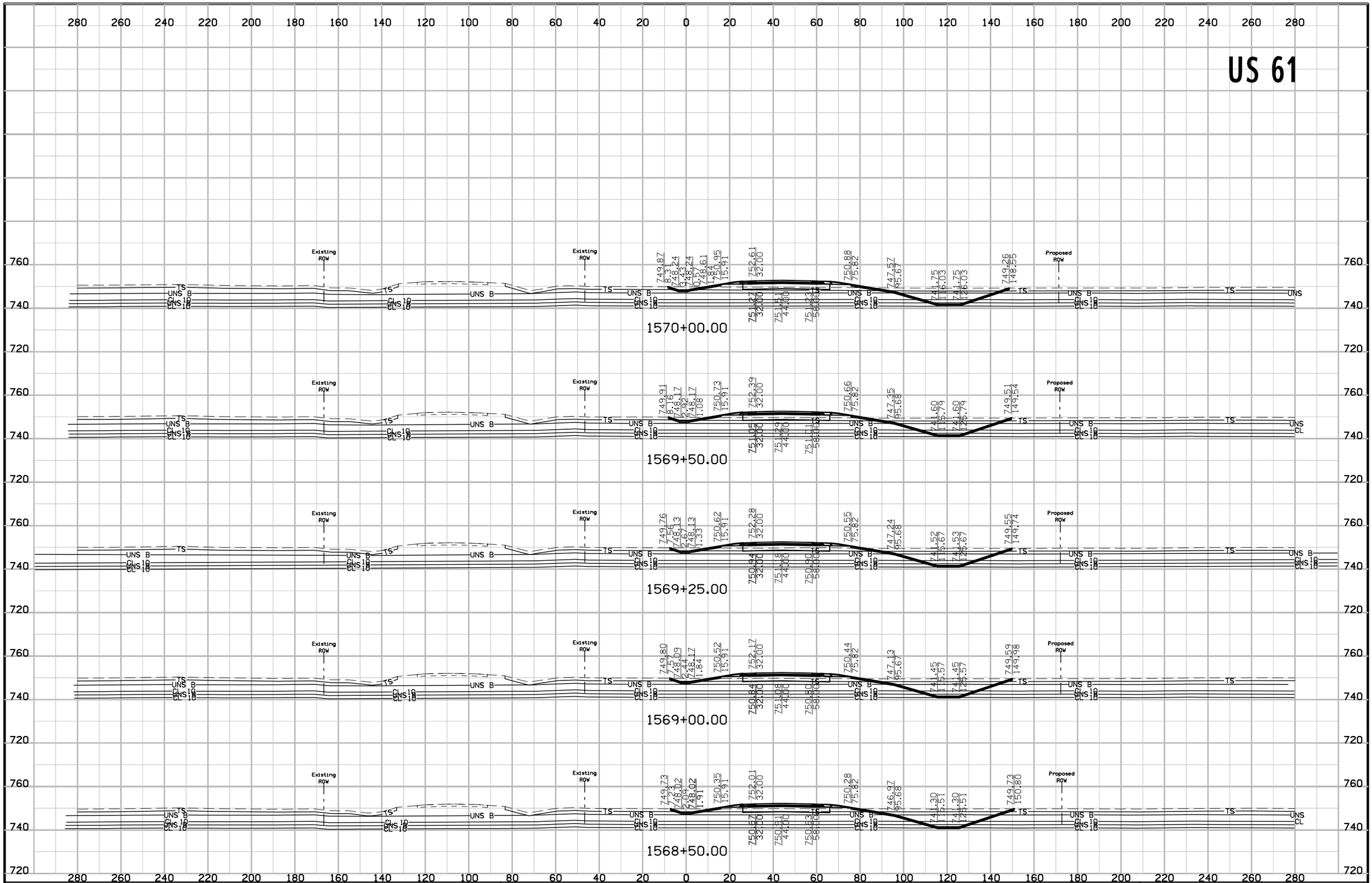
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.255

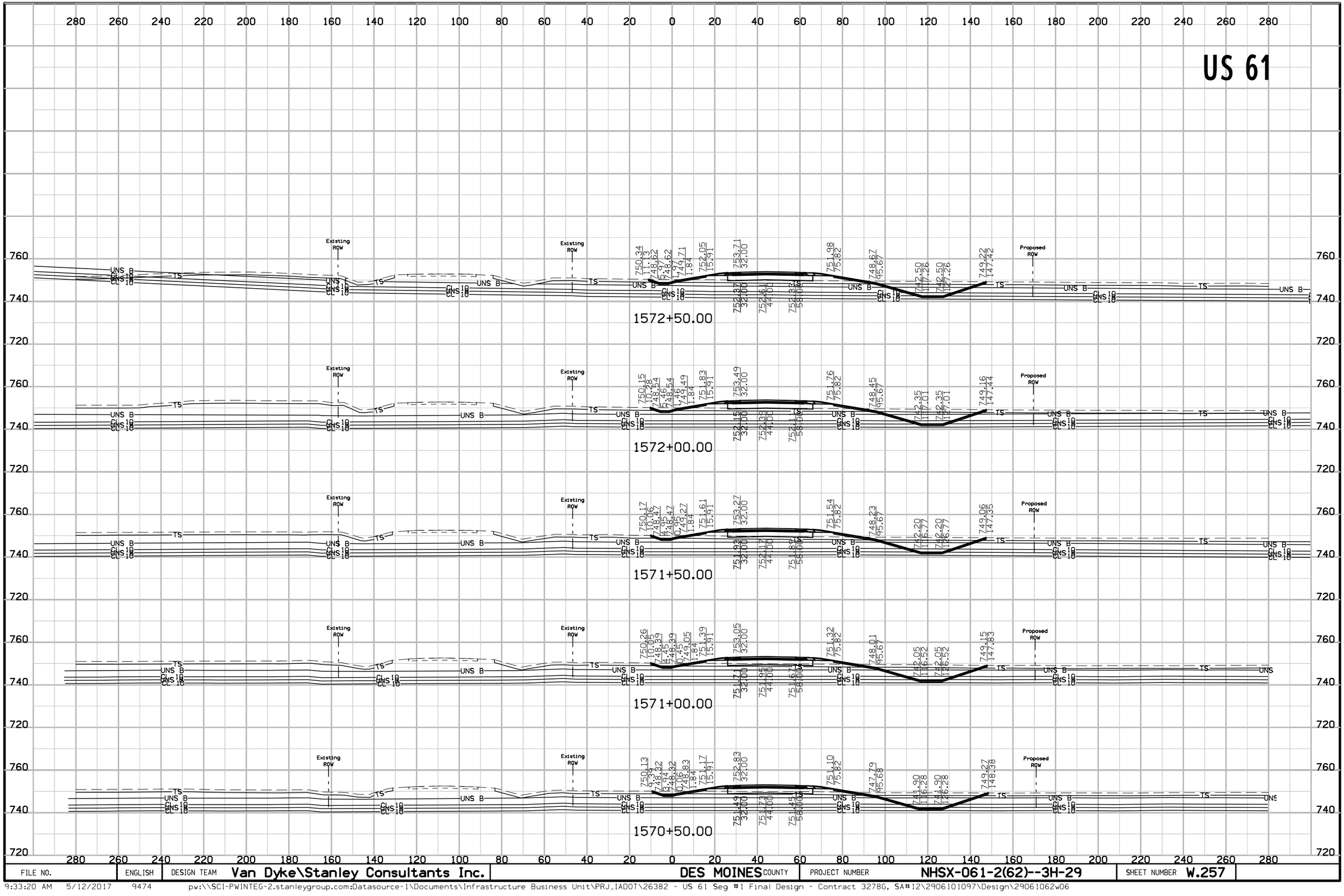
9:33:17 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER	W.256

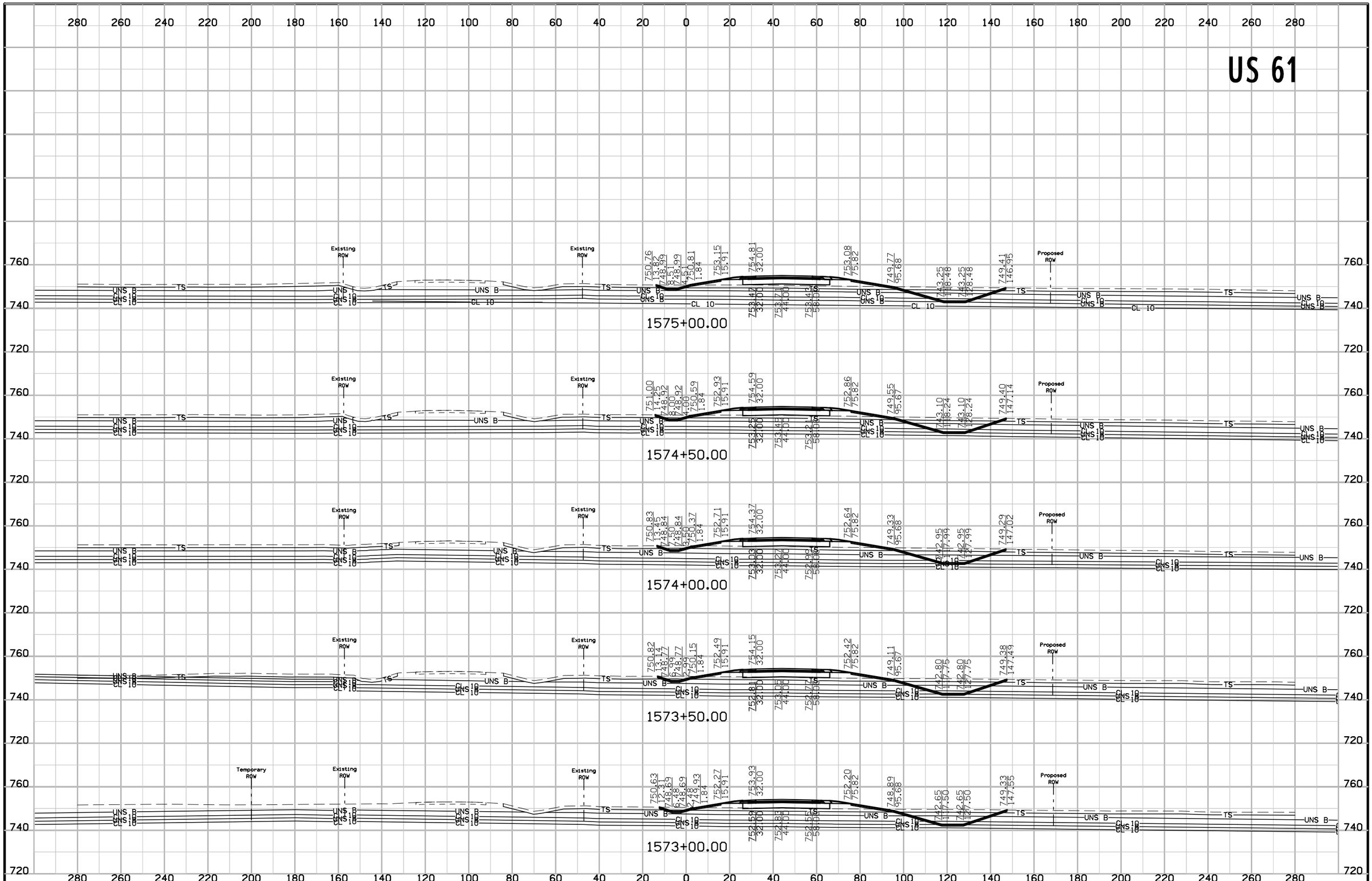
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.257

9:33:20 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

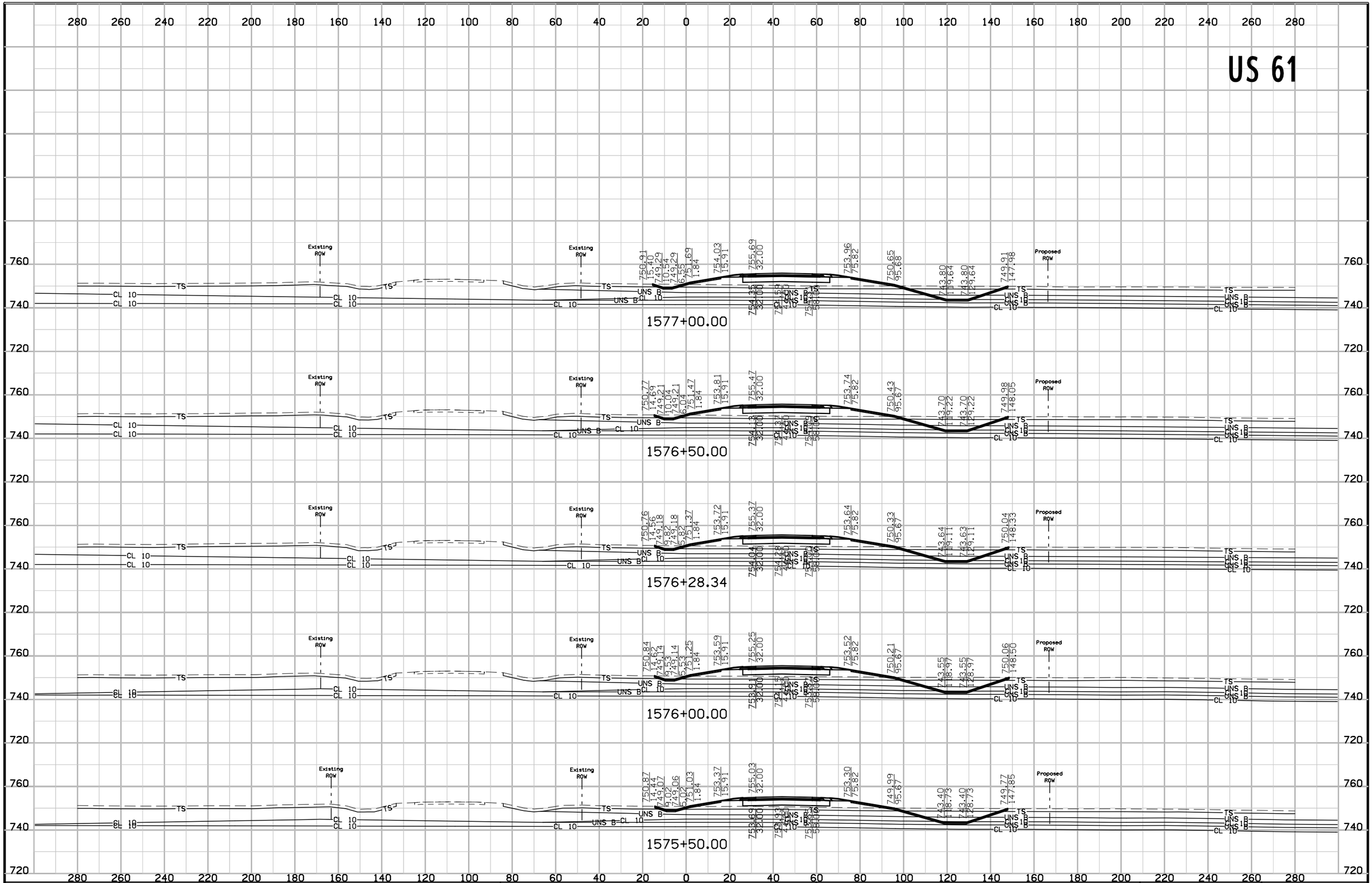
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.258

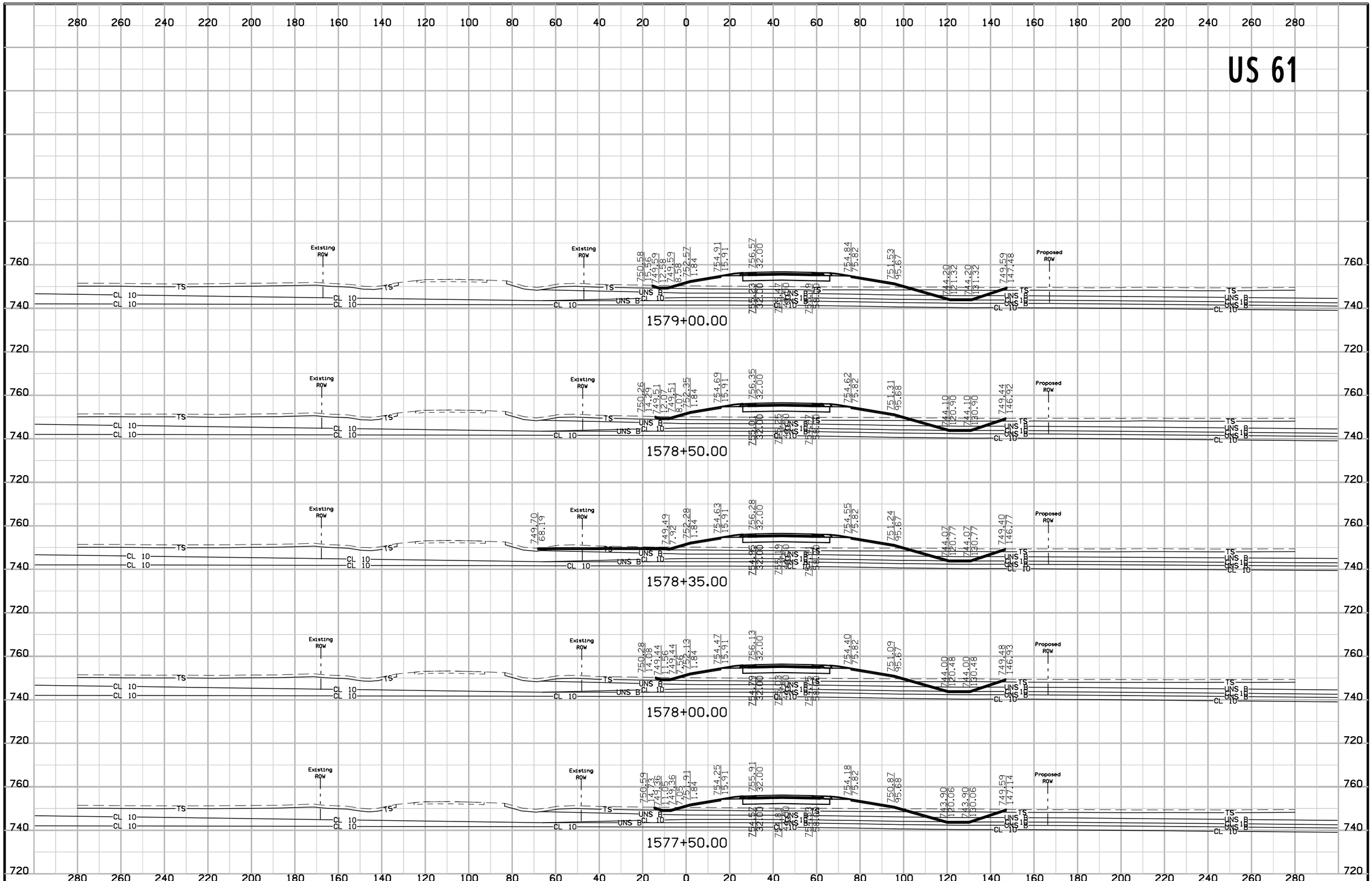
9:33:21 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

US 61



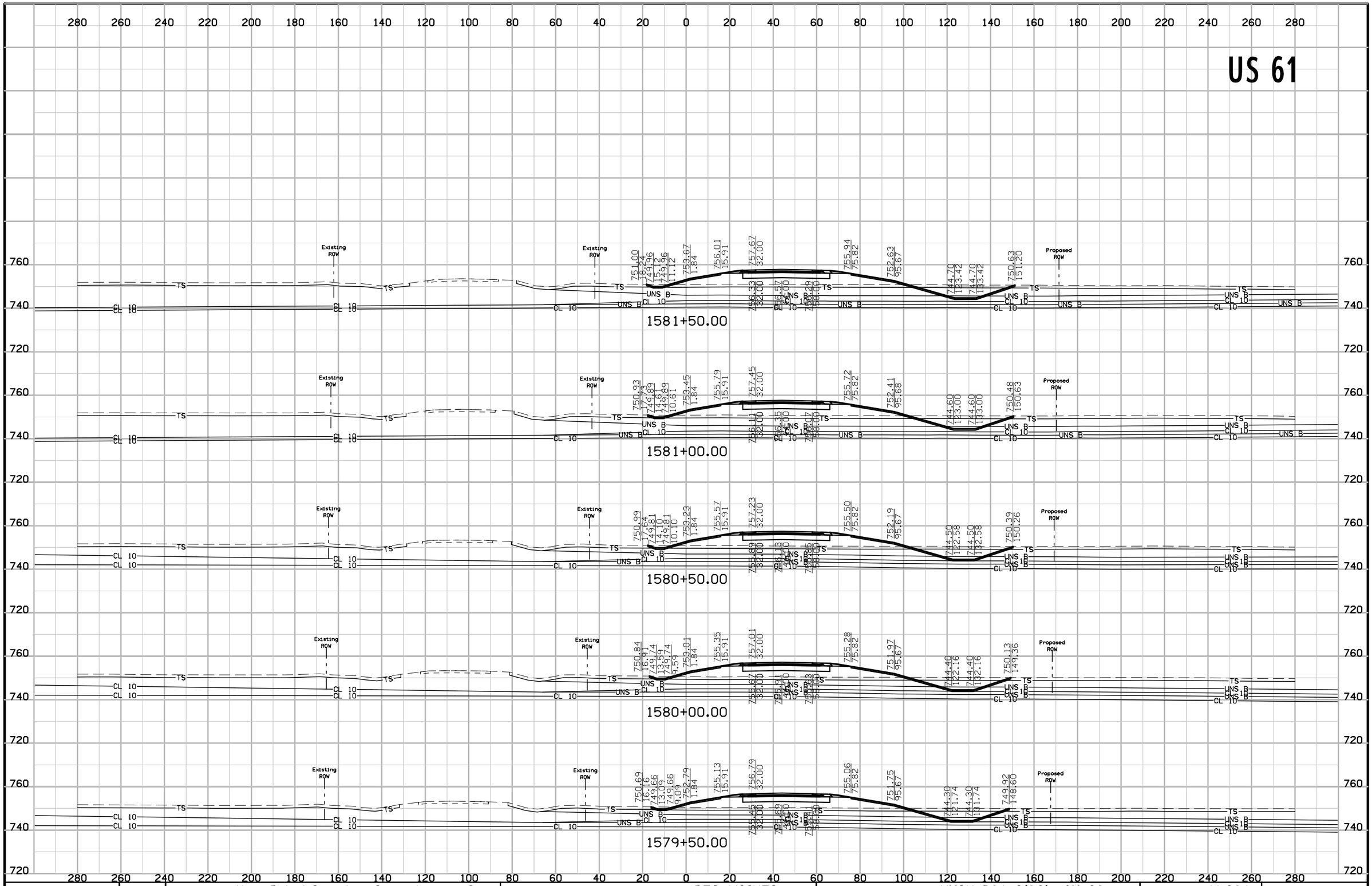
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.259

US 61



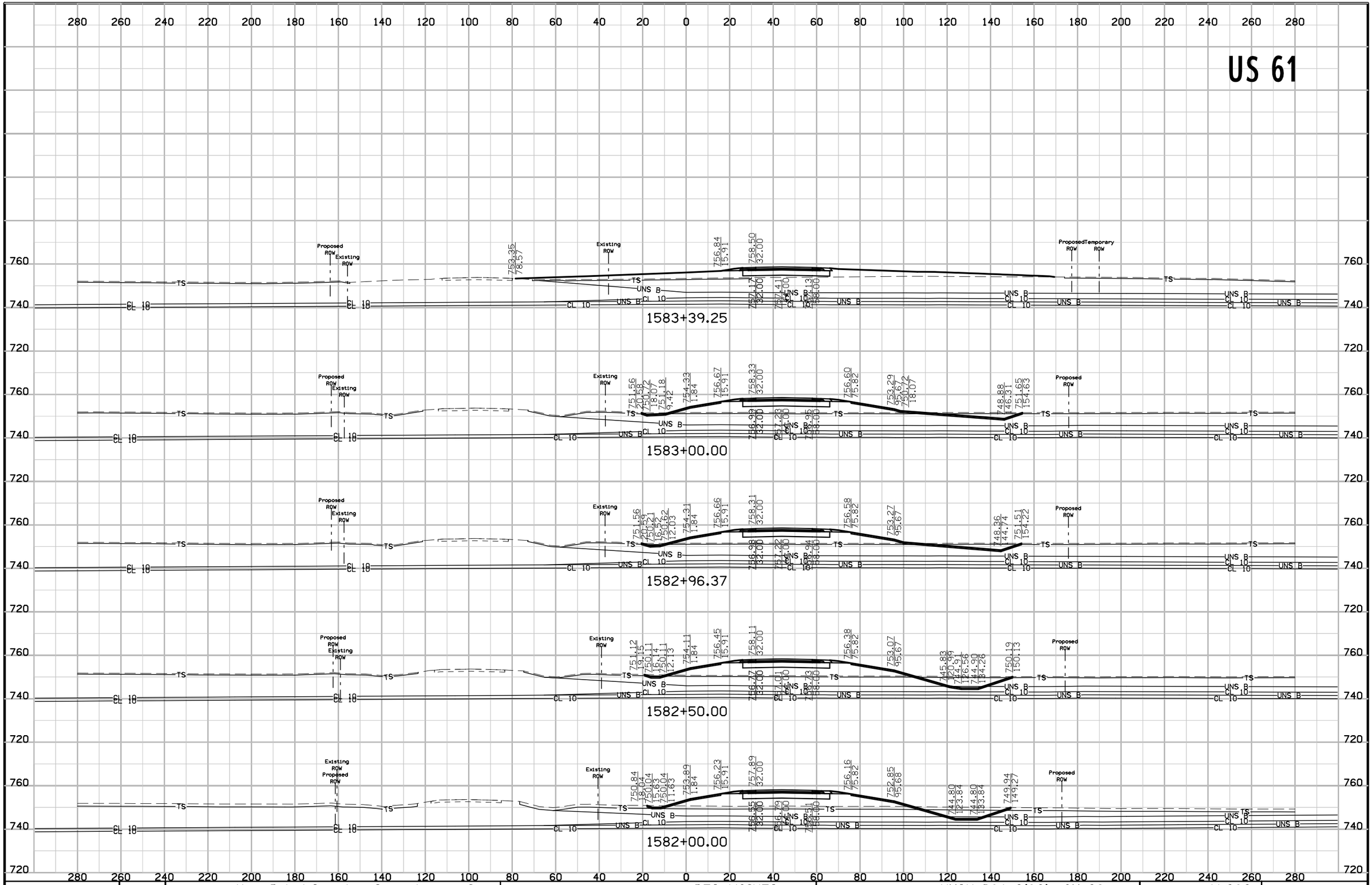
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.260

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.261

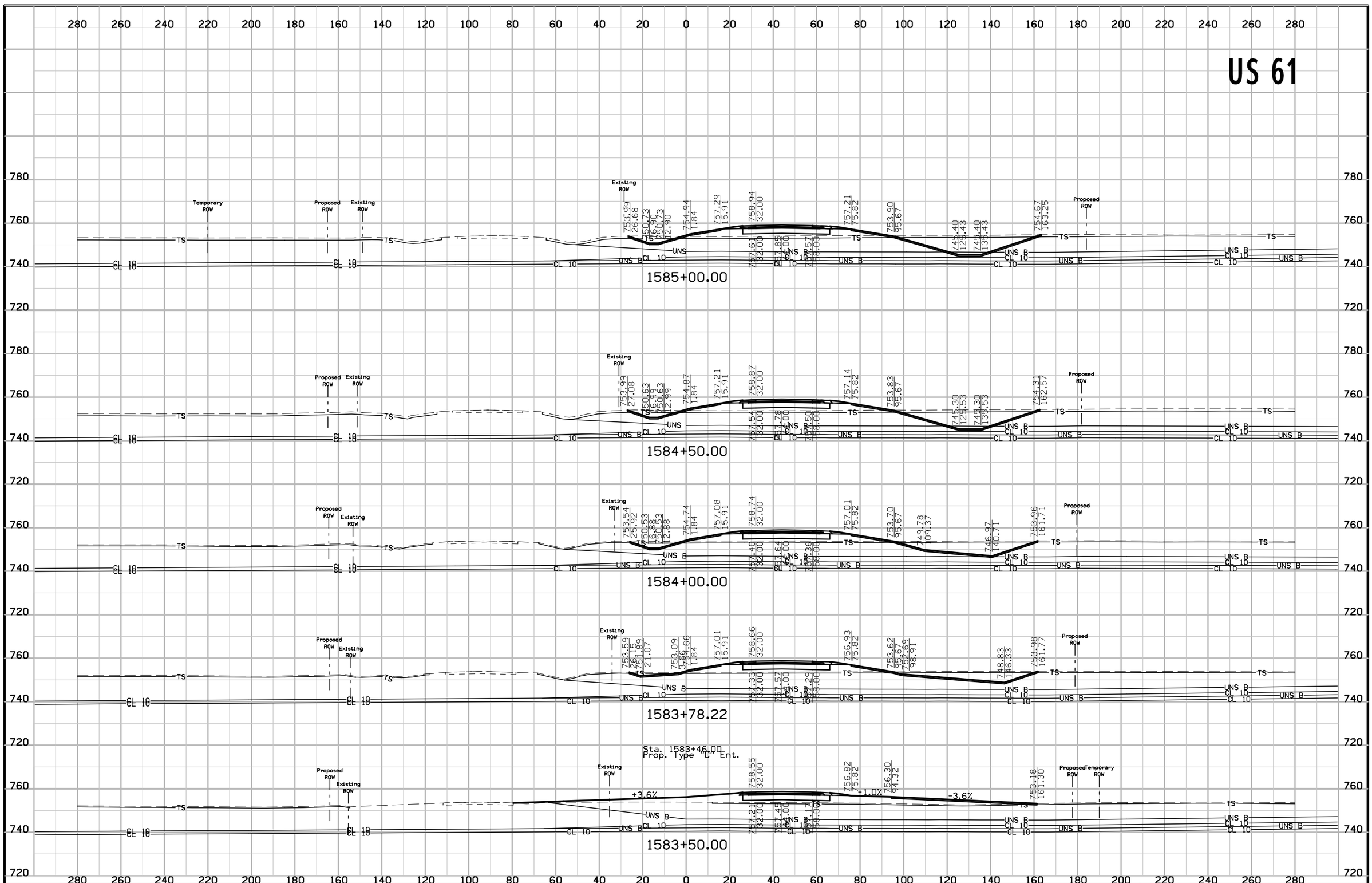
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.262

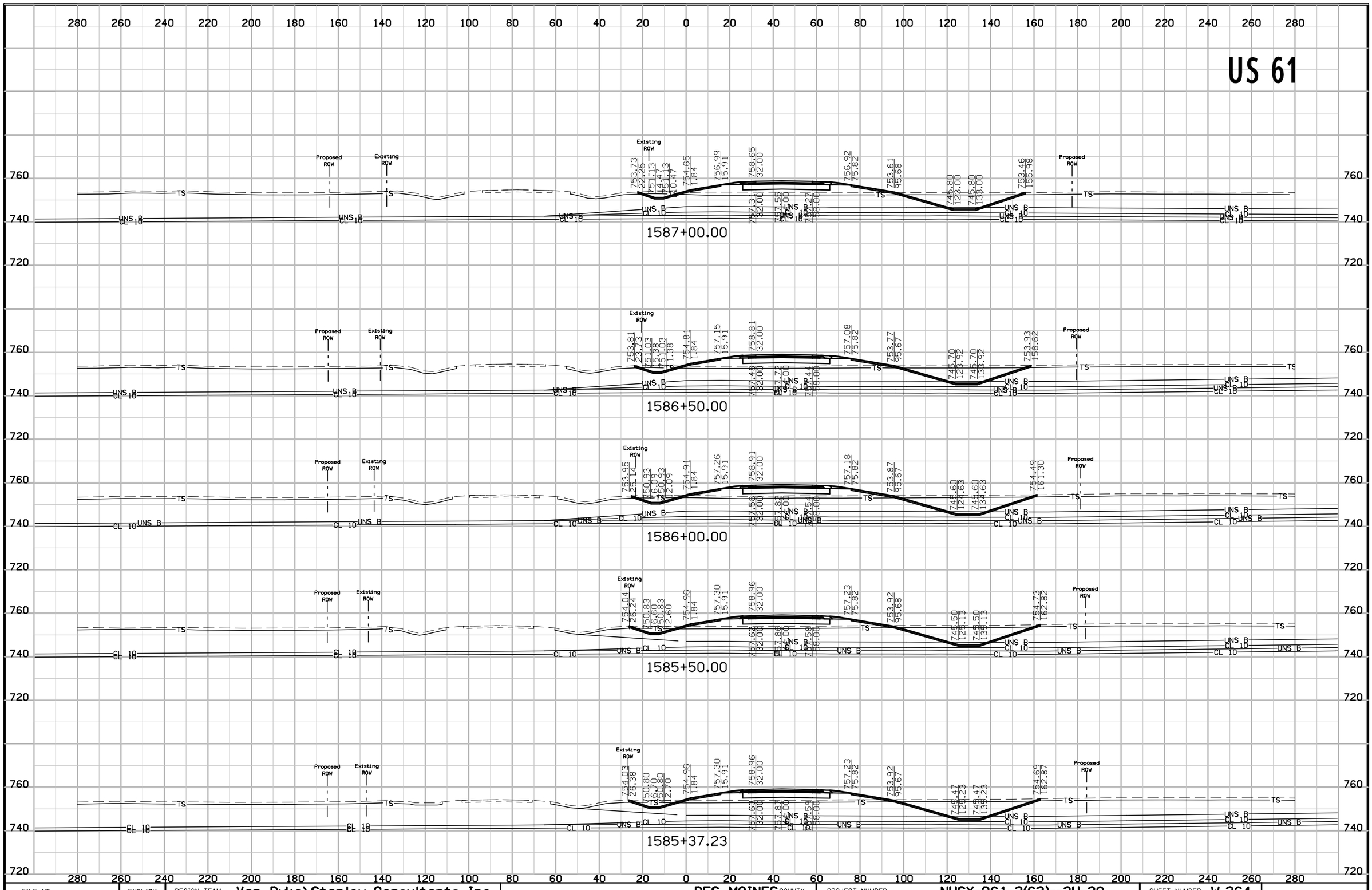
9:33:26 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.263

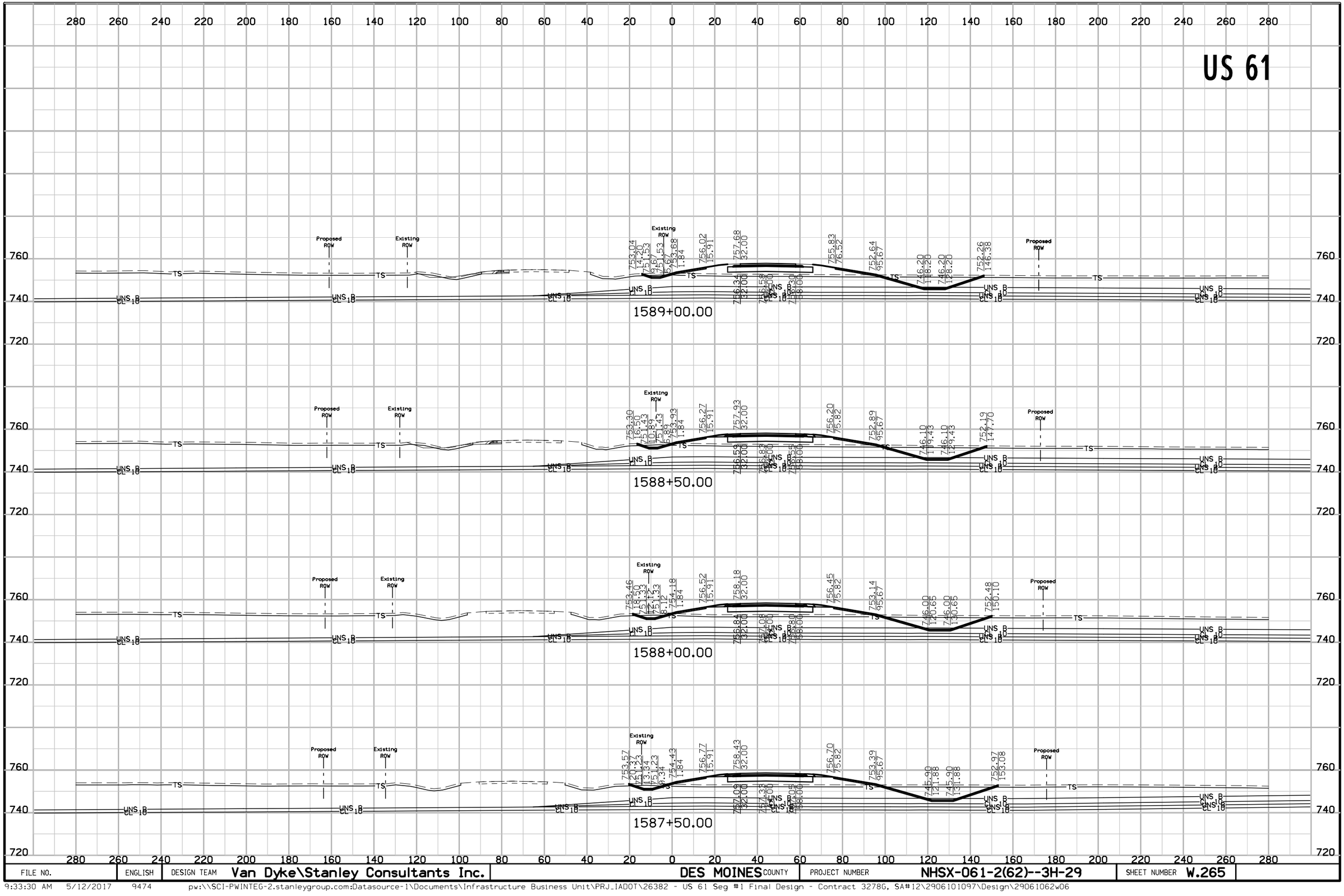
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.264

9:33:28 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

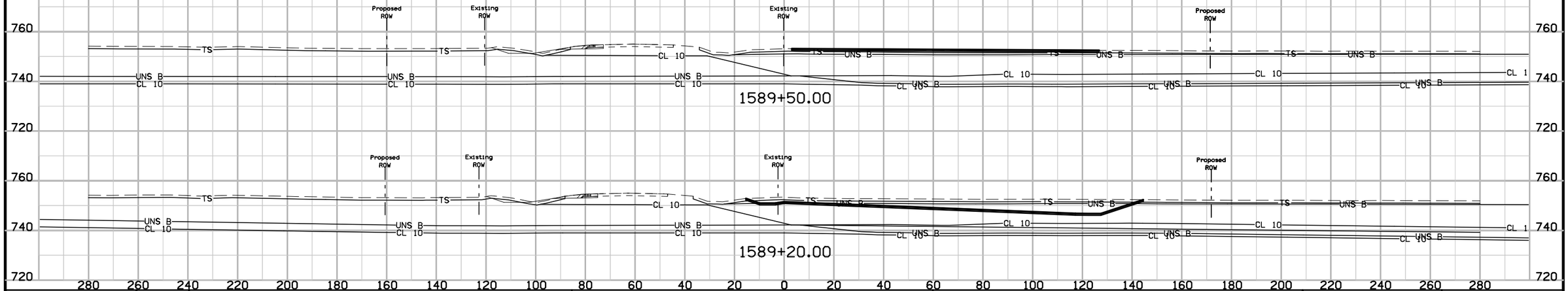
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.265

9:33:30 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

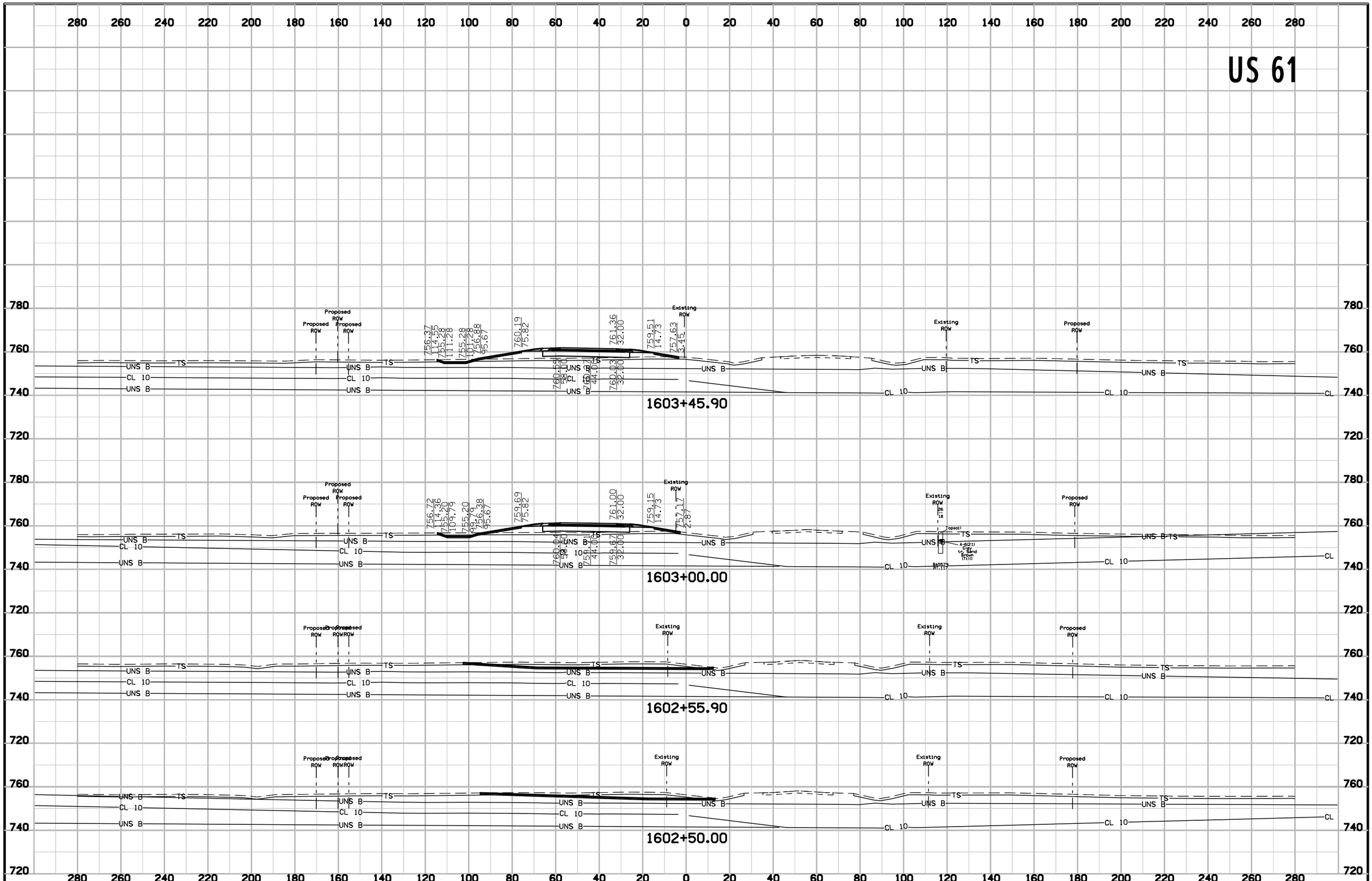
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.266

9:33:31 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w06

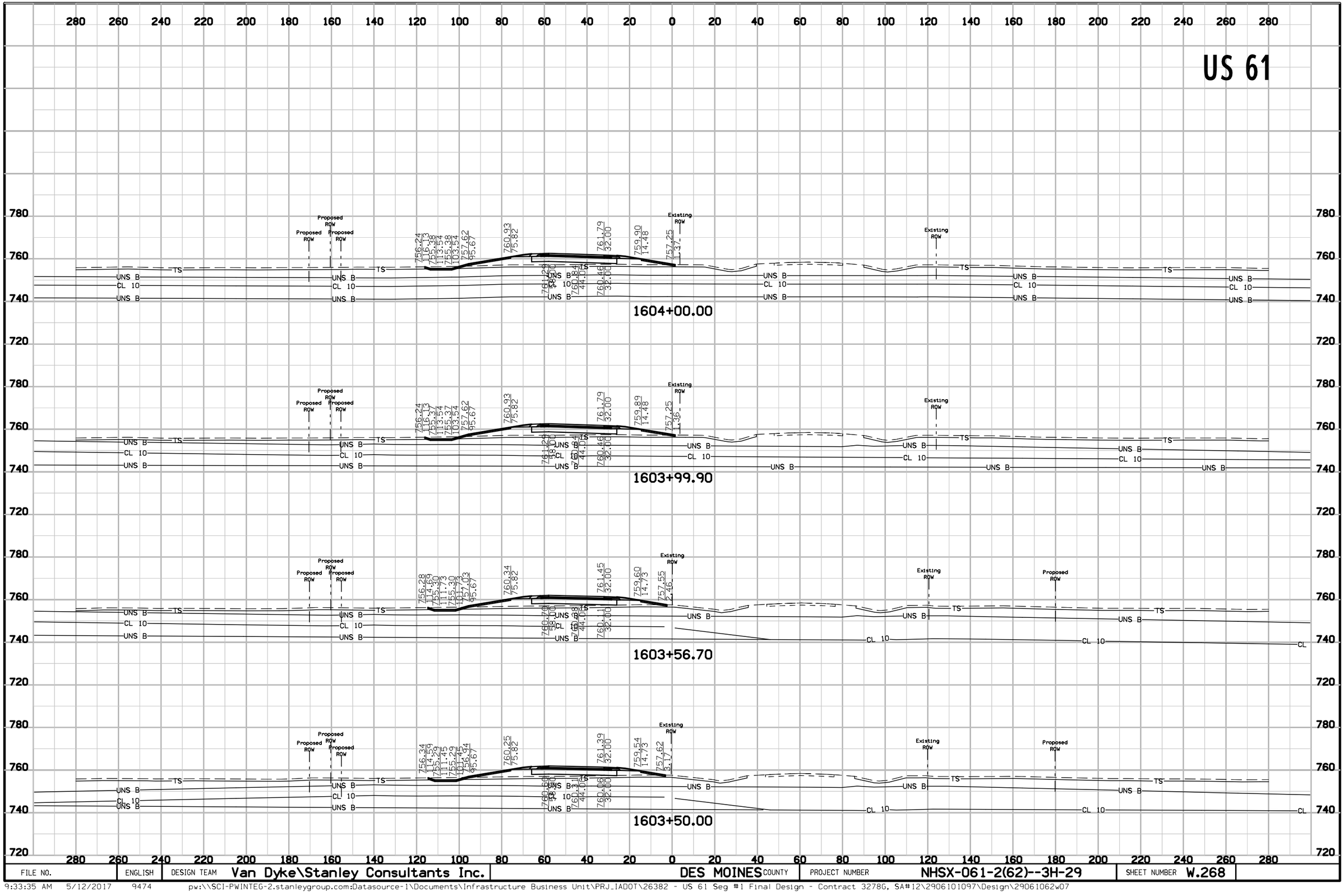
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.267

9:33:34 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w07

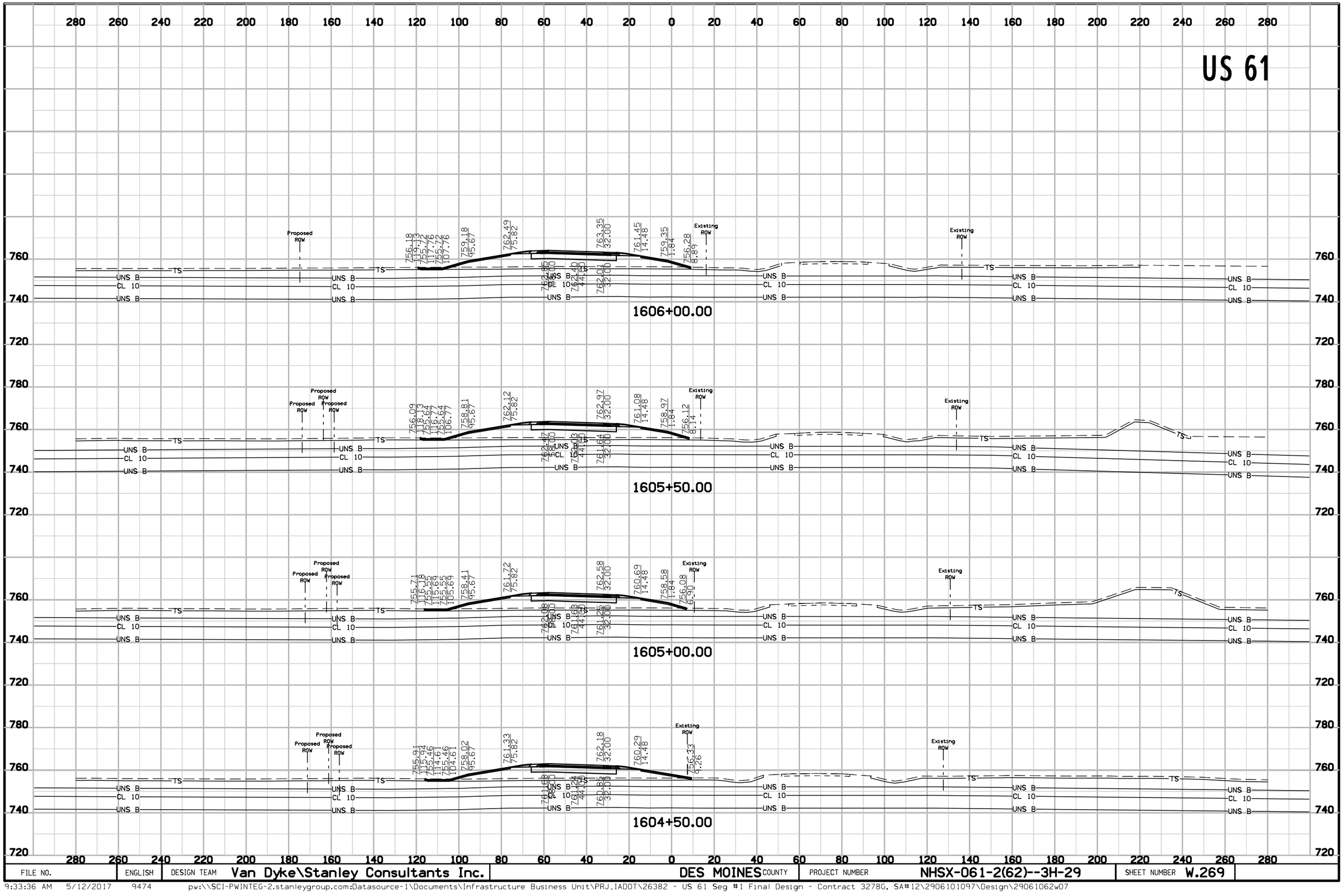
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.268

9:33:35 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w07

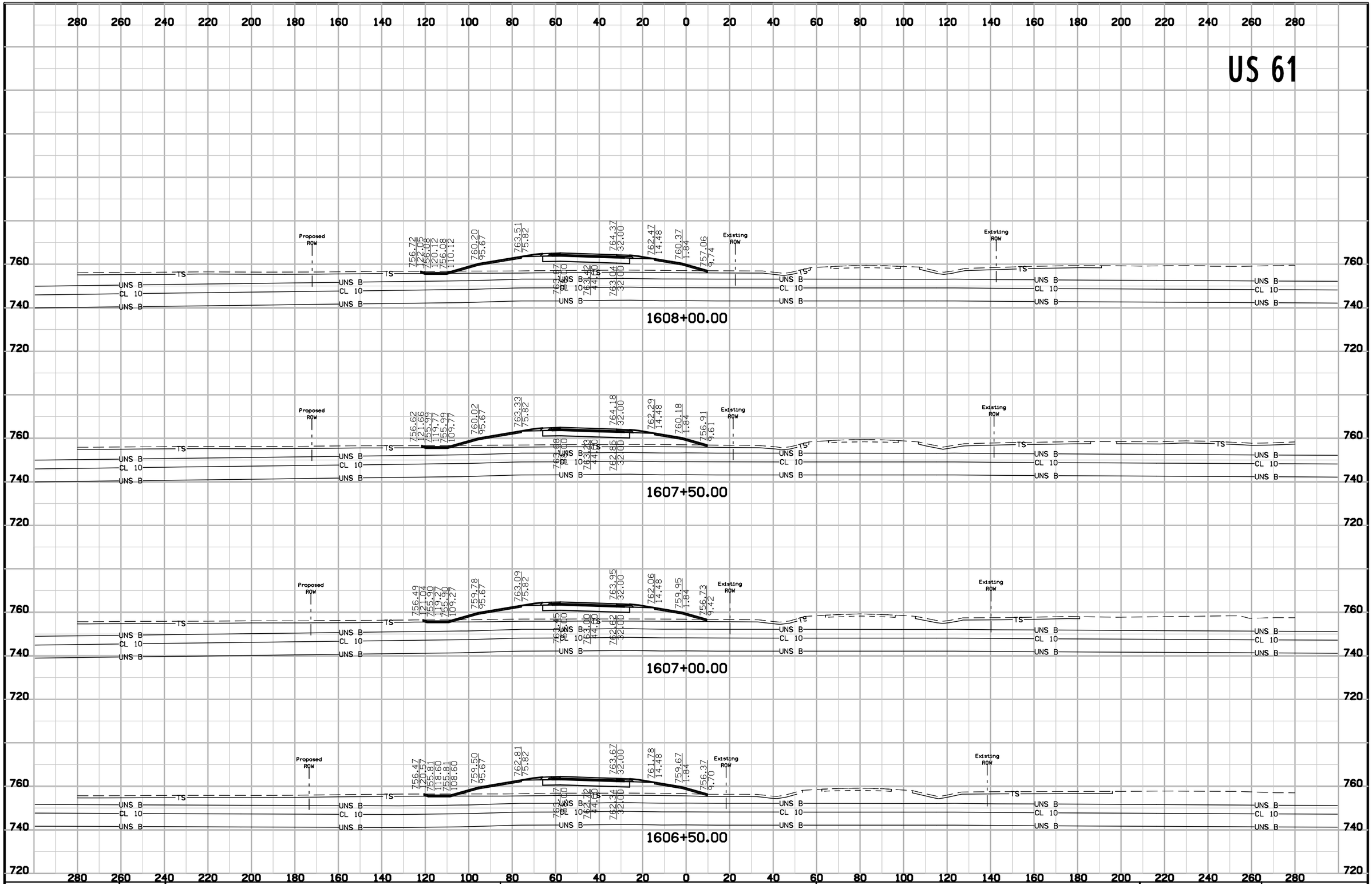
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.269

9:33:36 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w07

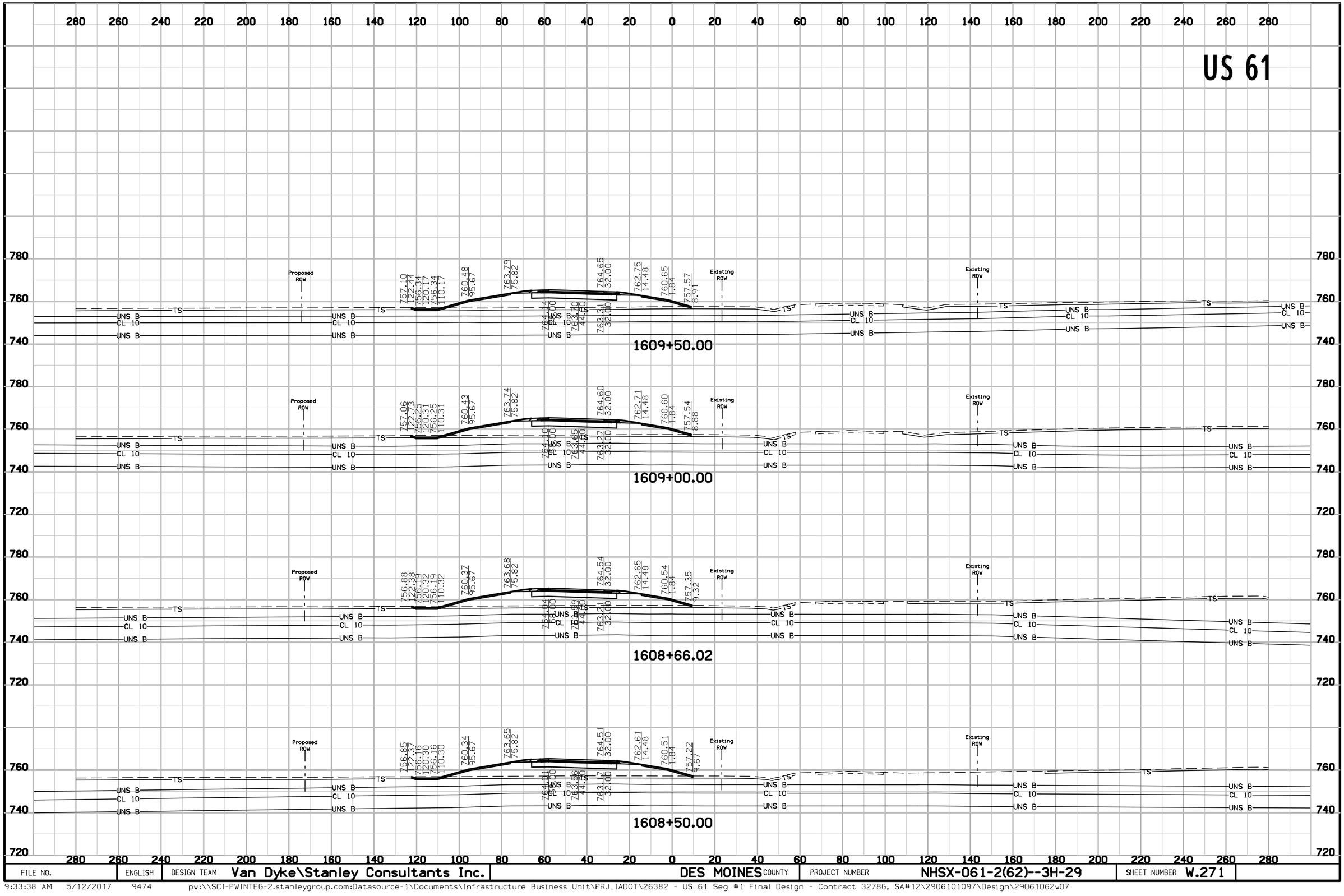
US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.270

9:33:37 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w07

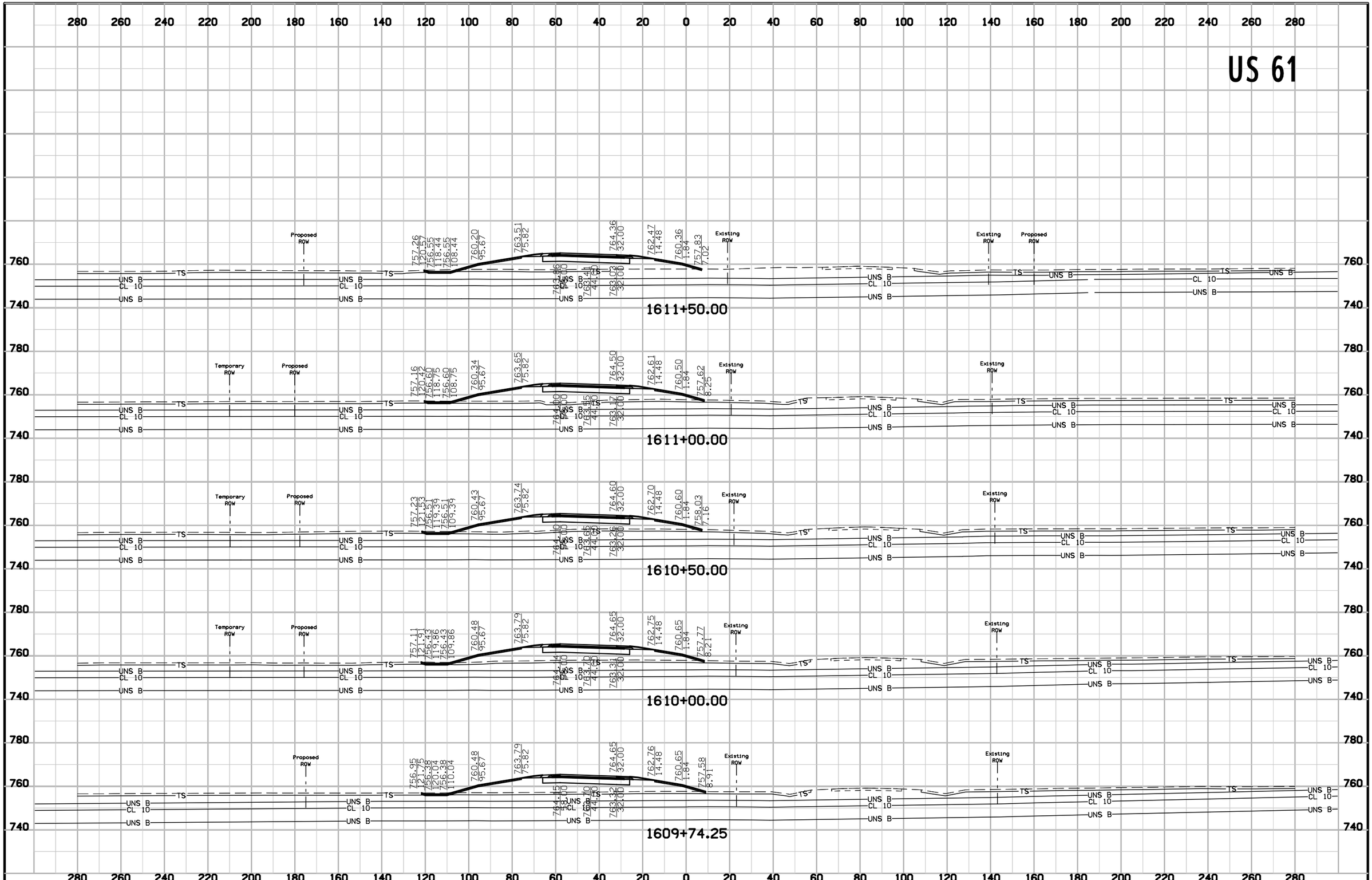
US 61



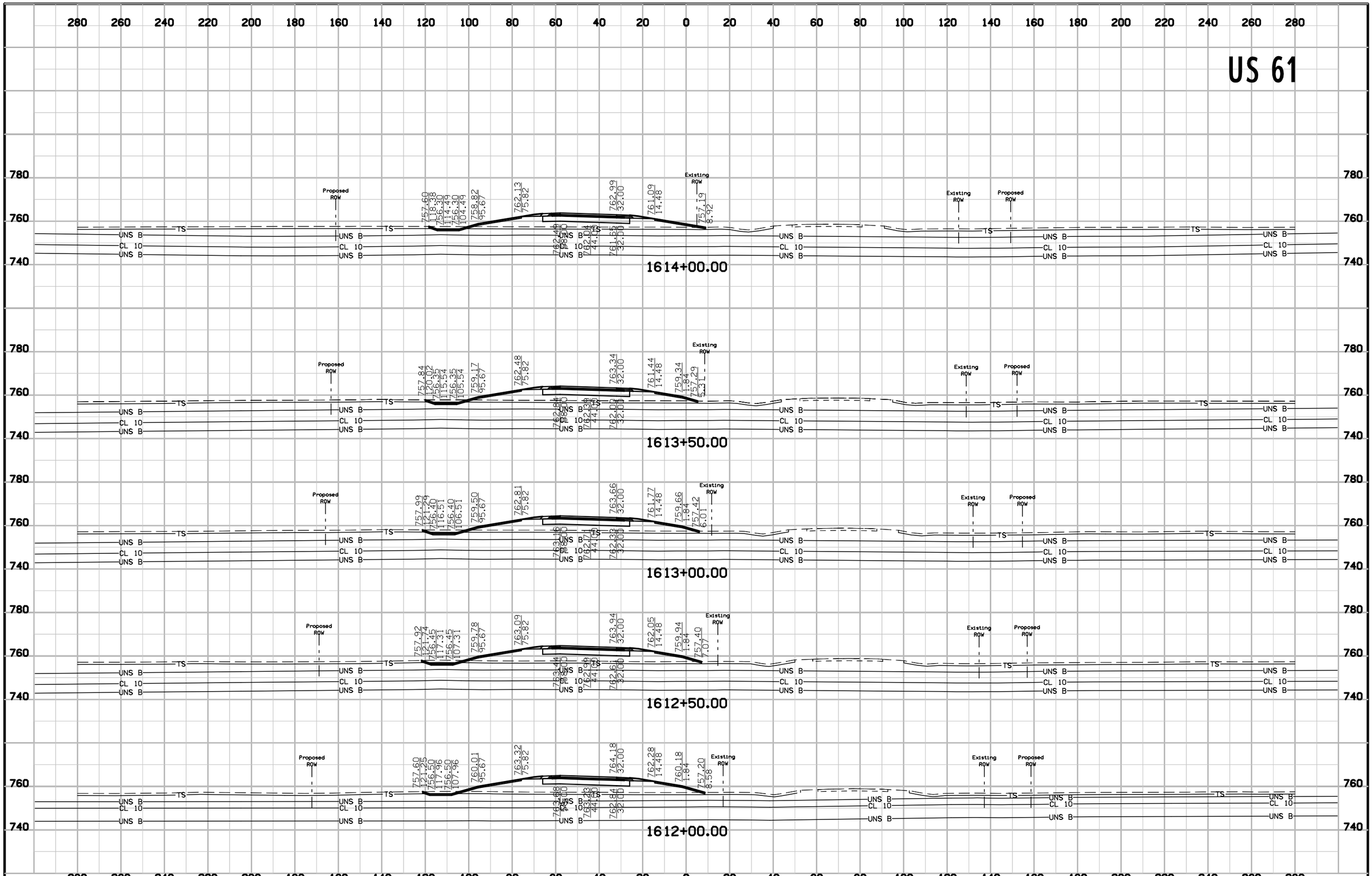
FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.271

9:33:38 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w07

US 61



FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.272



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.273

9:33:41 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w07

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

760
740

Proposed ROW | Existing ROW | Existing ROW | Proposed ROW

TS | UNS B | CL 10 | UNS B

757.36 | 114.75 | 756.20 | 111.26 | 756.20 | 102.79 | 95.67

761.10 | 75.82

762.27 | 32.00

760.62 | 15.91

756.87 | 6.55

761.46 | 58.00 | 761.88 | 44.00

760.94 | 32.00

1615+01.96

757.37 | 114.84 | 756.20 | 111.34 | 756.20 | 102.82 | 95.67

761.13 | 75.82

762.29 | 32.00

760.62 | 15.86

756.88 | 6.61

761.46 | 58.00 | 761.88 | 44.00

760.95 | 32.00

1615+00.00

757.44 | 115.31 | 756.21 | 111.40 | 756.21 | 102.93 | 95.67

761.24 | 75.82

762.35 | 32.00

760.65 | 15.64

756.89 | 6.89

761.60 | 58.00 | 761.88 | 44.00

761.01 | 32.00

1614+91.16

780
760
740

757.67 | 117.66 | 756.25 | 113.40 | 756.25 | 103.40 | 95.67

761.77 | 75.82

762.64 | 32.00

760.75 | 14.54

757.02 | 7.86

762.18 | 58.00 | 761.88 | 44.00

761.80 | 32.00

1614+50.00

757.66 | 117.70 | 756.25 | 113.48 | 756.25 | 103.48 | 95.67

761.79 | 75.82

762.65 | 32.00

760.76 | 14.48

757.03 | 7.88

762.18 | 58.00 | 761.88 | 44.00

761.82 | 32.00

1614+47.96

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.274

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

760
740
720

Proposed ROW
Existing ROW
Existing ROW
Proposed ROW

TS TS TS TS TS TS
UNS B UNS B UNS B UNS B UNS B UNS B
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10
UNS B UNS B UNS B UNS B UNS B UNS B

1616+50.00

Proposed ROW
Existing ROW
Existing ROW
Proposed ROW

757.16
111.53
756.11
108.39
756.11
98.39
756.88
95.67
757.16
111.32
756.10
108.13
756.01
7.60

TS TS TS TS TS TS
UNS B UNS B UNS B UNS B UNS B UNS B
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10
UNS B UNS B UNS B UNS B UNS B UNS B

1616+00.00

Proposed ROW
Existing ROW
Existing ROW
Proposed ROW

757.16
111.53
756.11
108.39
756.11
98.39
756.88
95.67
760.19
75.82
761.64
32.00
759.99
15.91
756.42
5.47
760.55
15.00
760.31
44.00
760.31
32.00

TS TS TS TS TS TS
UNS B UNS B UNS B UNS B UNS B UNS B
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10
UNS B UNS B UNS B UNS B UNS B UNS B

1615+91.96

Proposed ROW
Existing ROW
Existing ROW
Proposed ROW

757.13
112.66
756.15
109.72
756.15
99.72
757.31
95.67
760.62
75.82
761.94
32.00
760.28
15.91
756.71
5.50
760.97
15.00
760.60
44.00
760.60
32.00

TS TS TS TS TS TS
UNS B UNS B UNS B UNS B UNS B UNS B
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10
UNS B UNS B UNS B UNS B UNS B UNS B

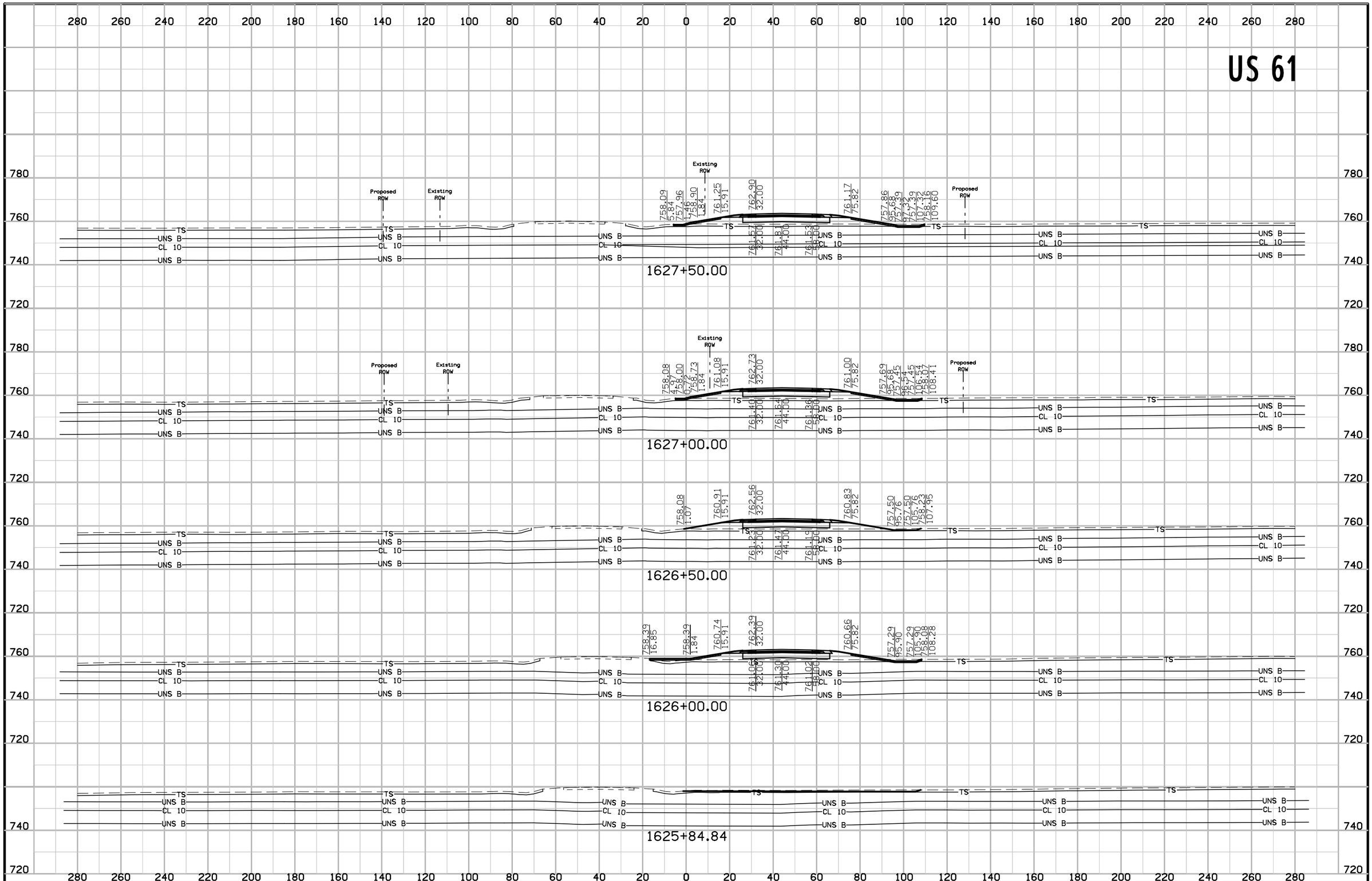
1615+50.00

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

FILE NO.	ENGLISH	DESIGN TEAM	Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.275

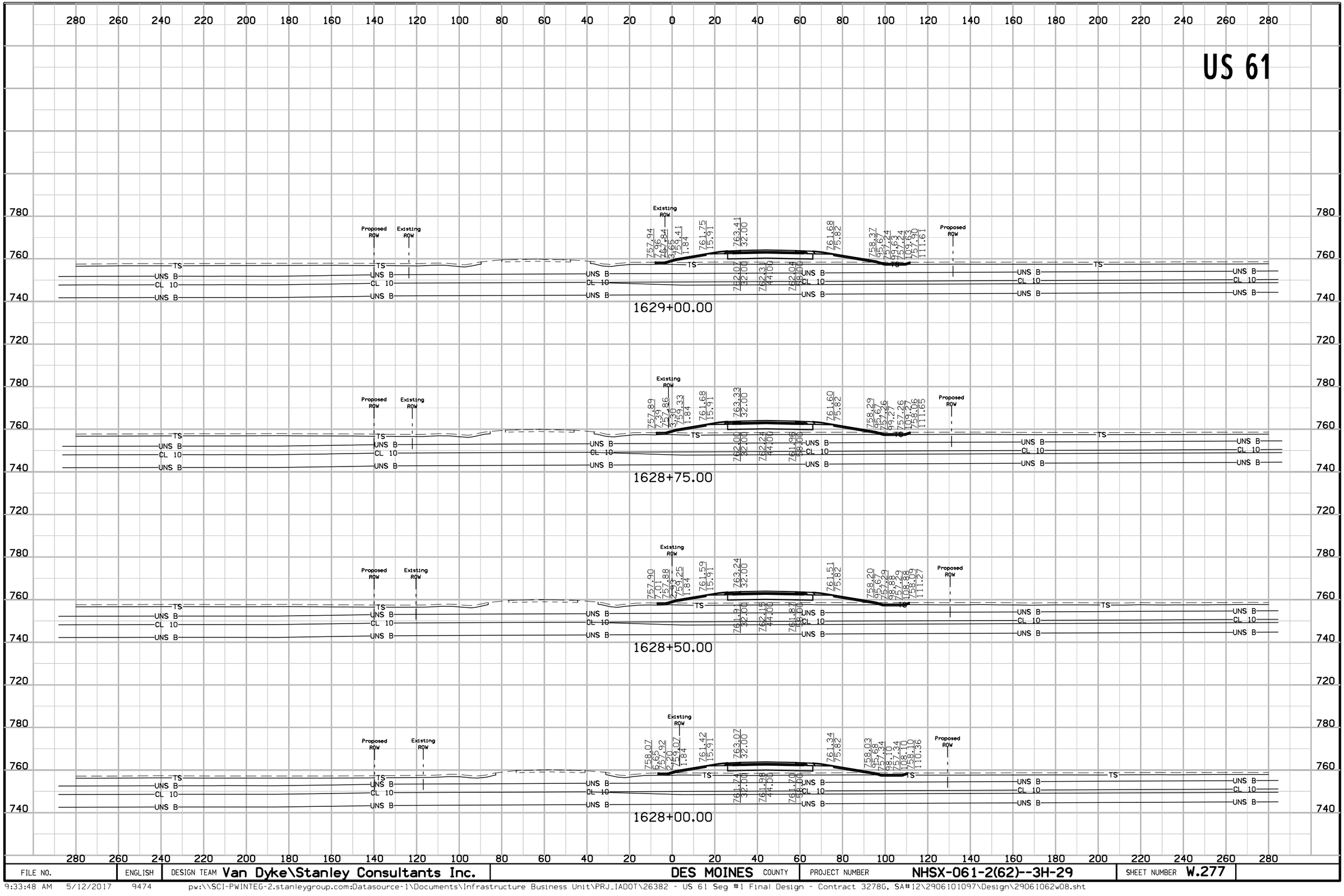
9:33:43 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w07

US 61



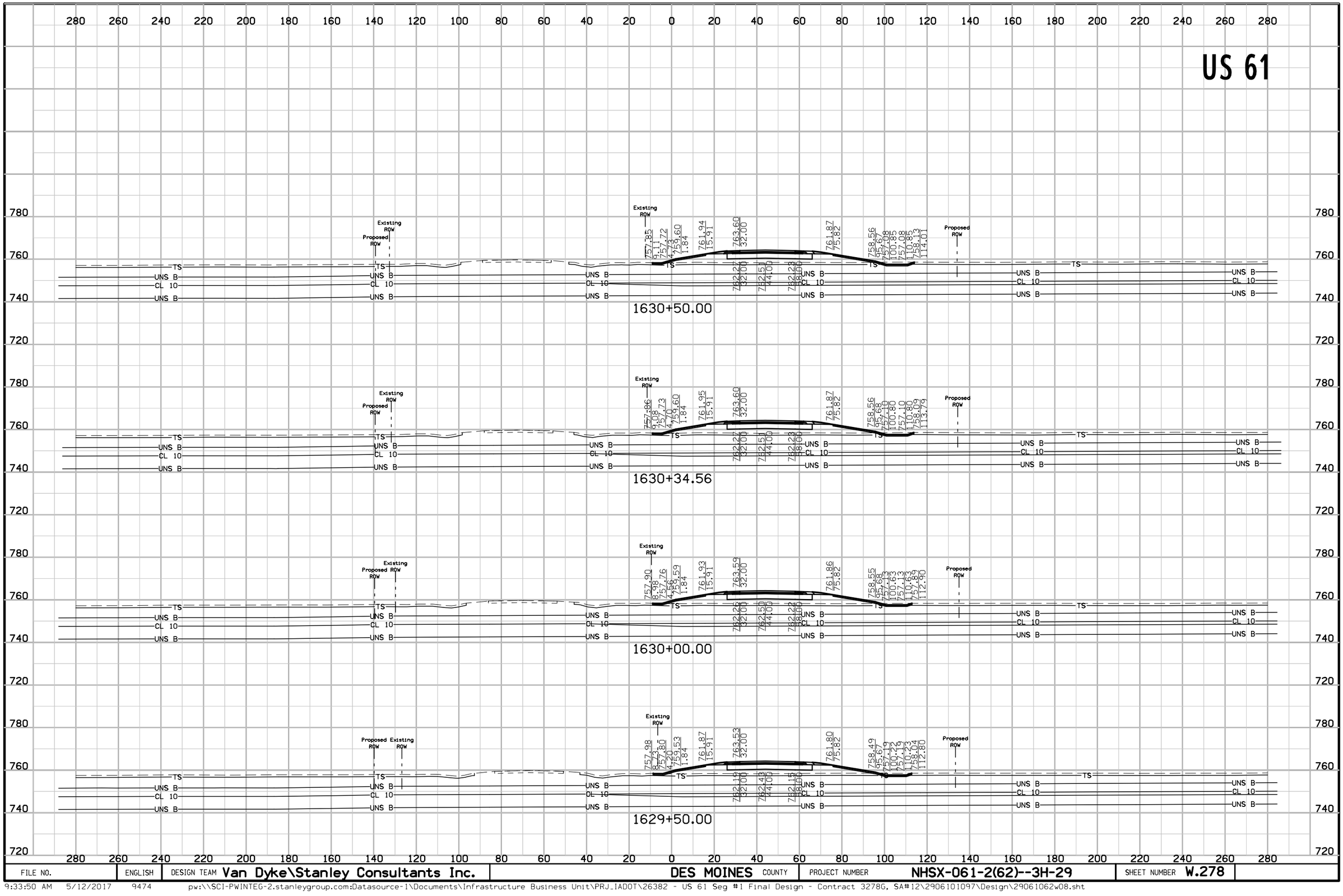
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.276

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.277

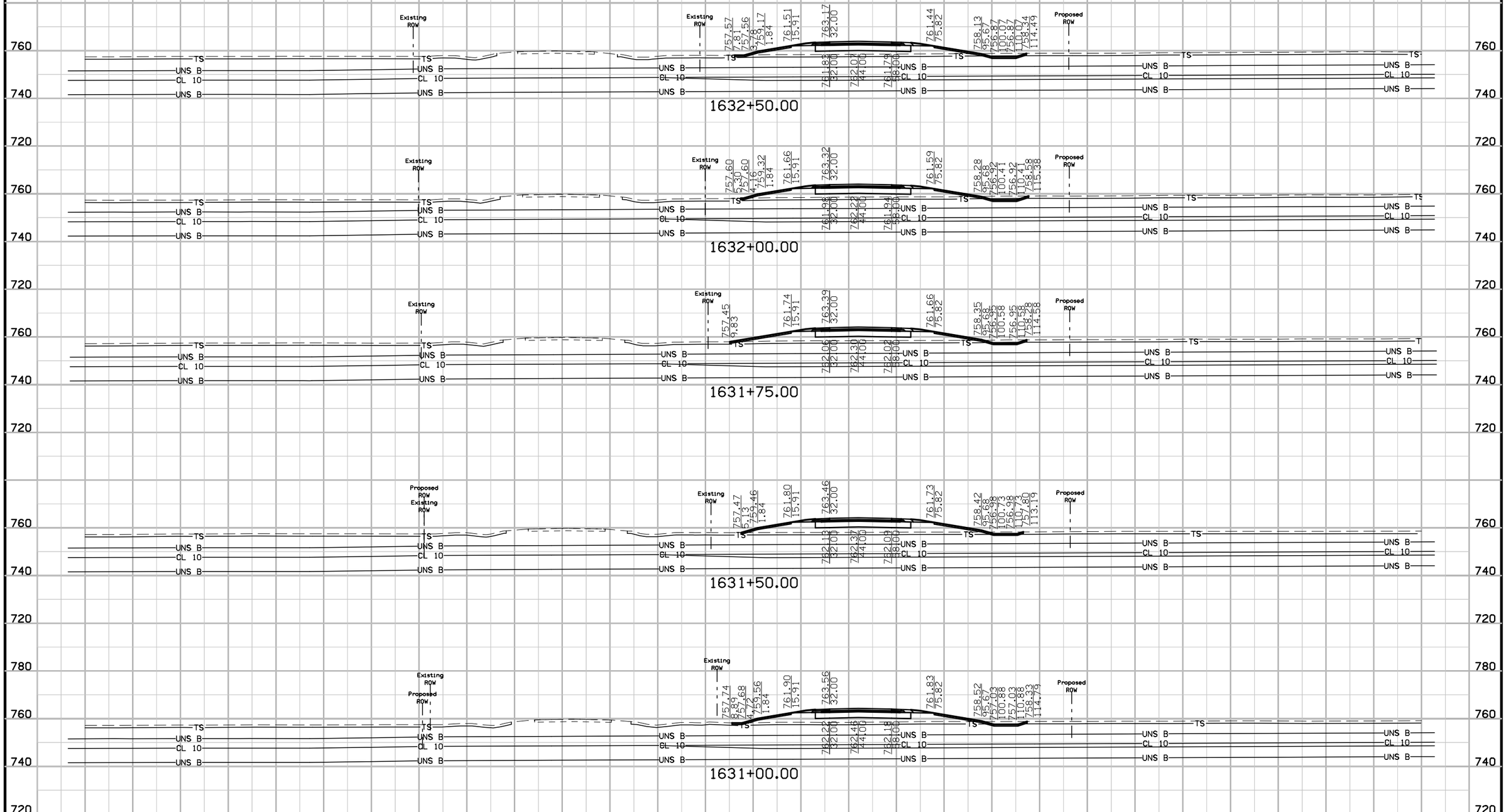
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.278

9:33:50 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

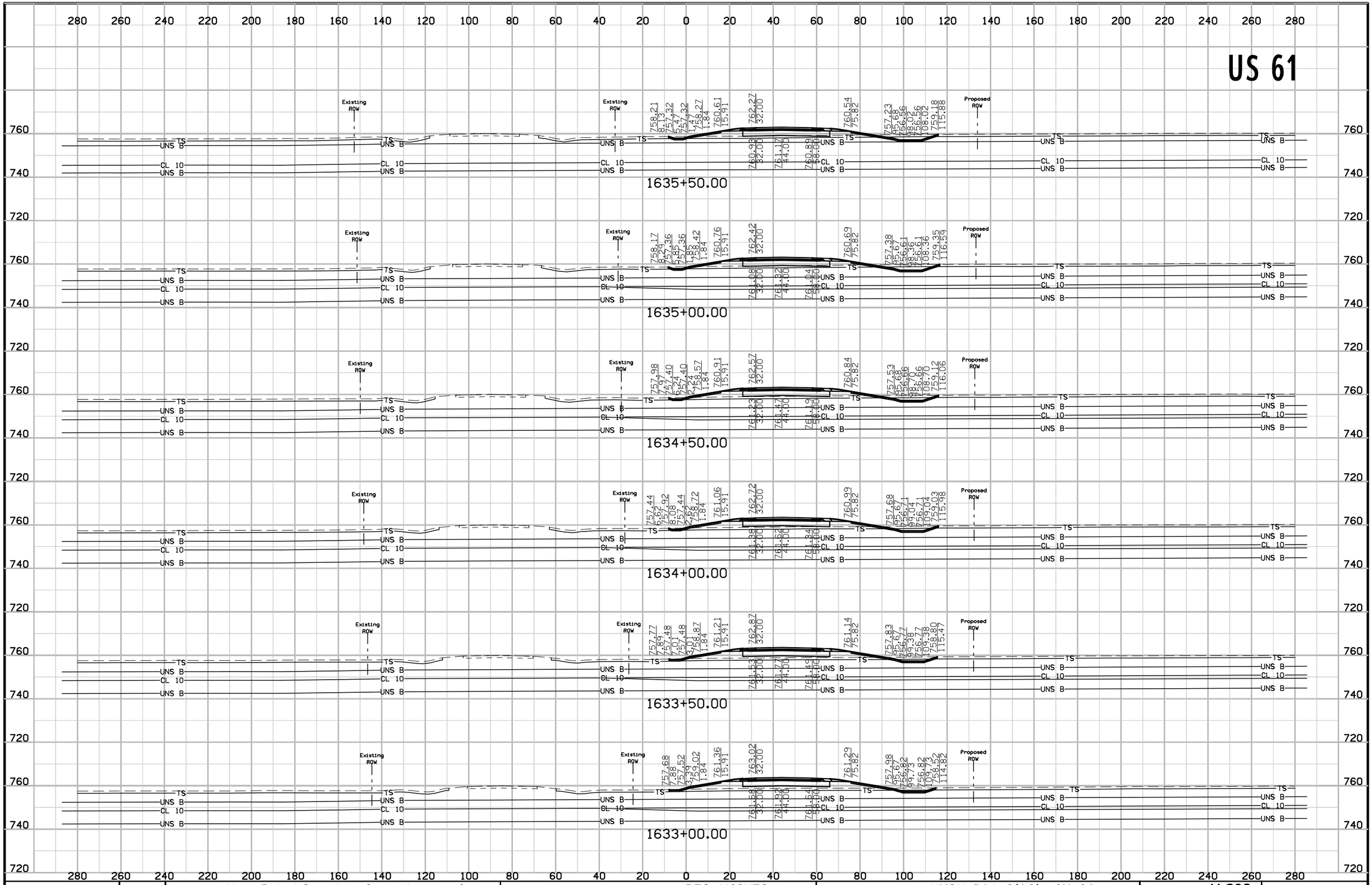
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.279

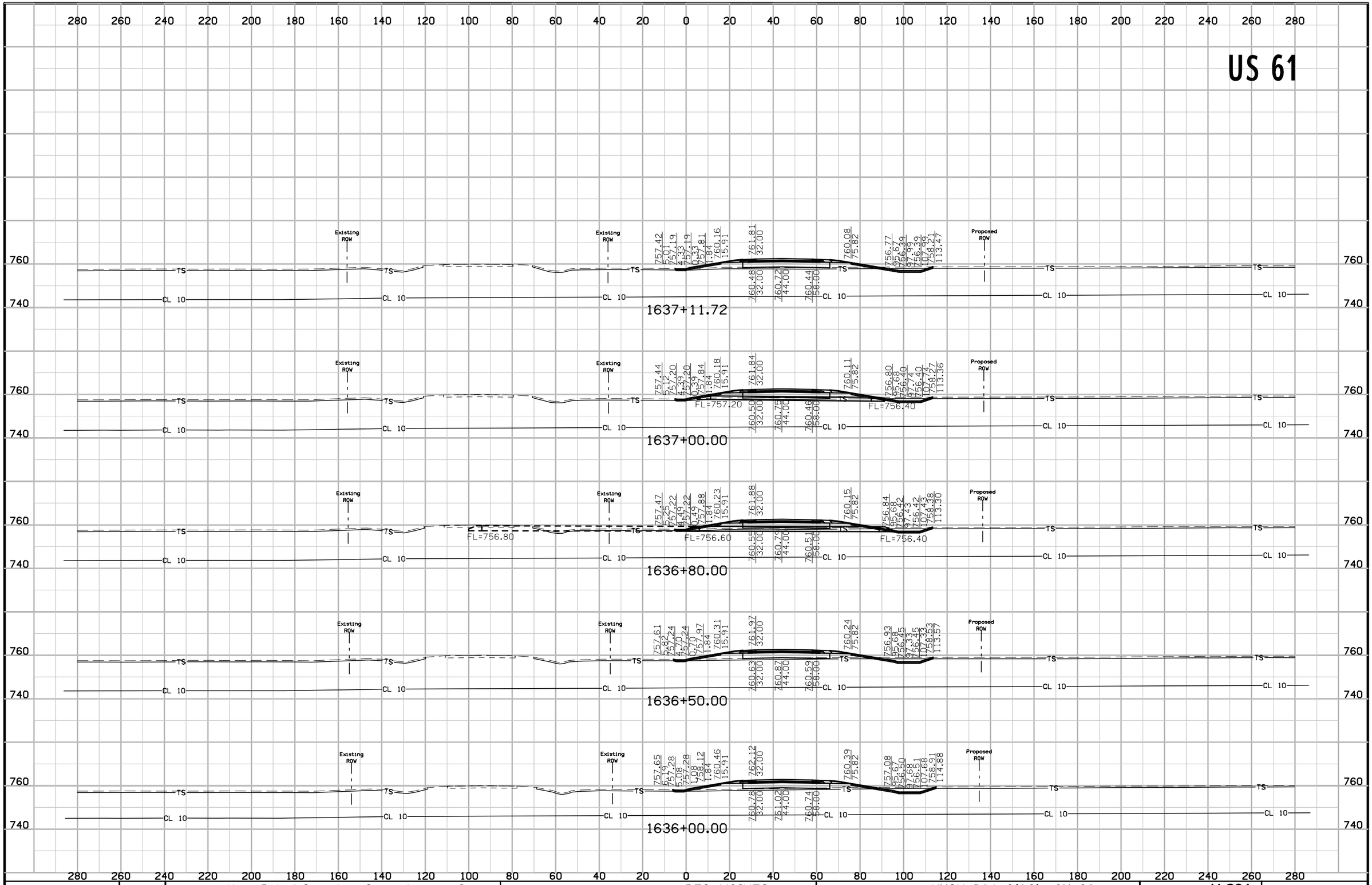
9:33:51 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.280

US 61

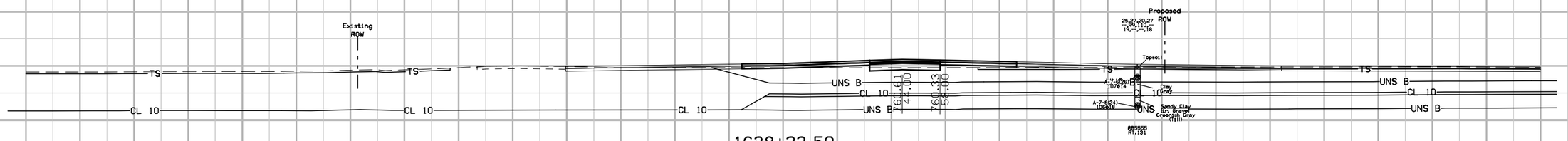


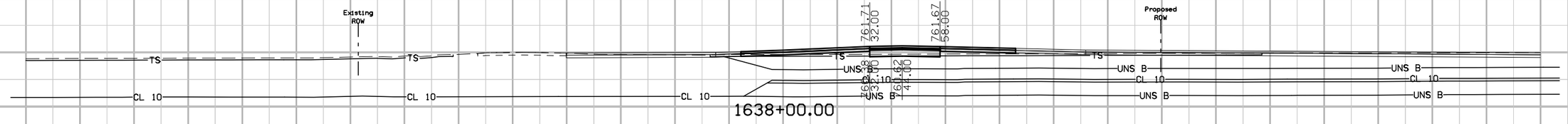
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.281

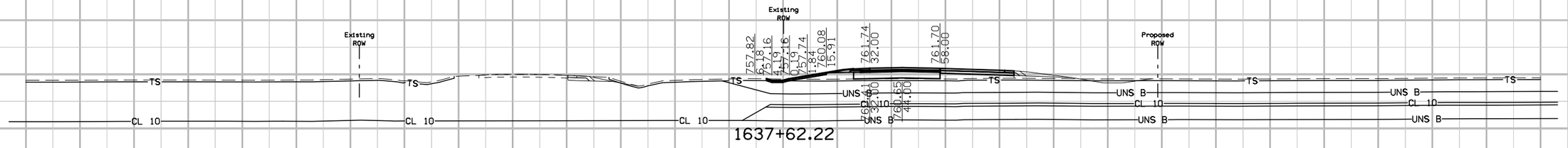
US 61

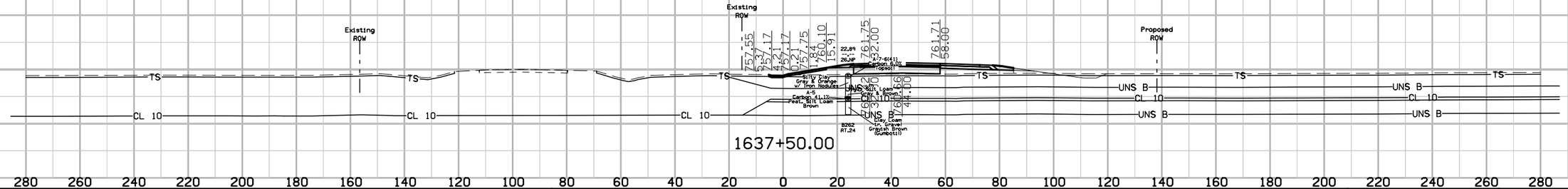
280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

780 760 740 720





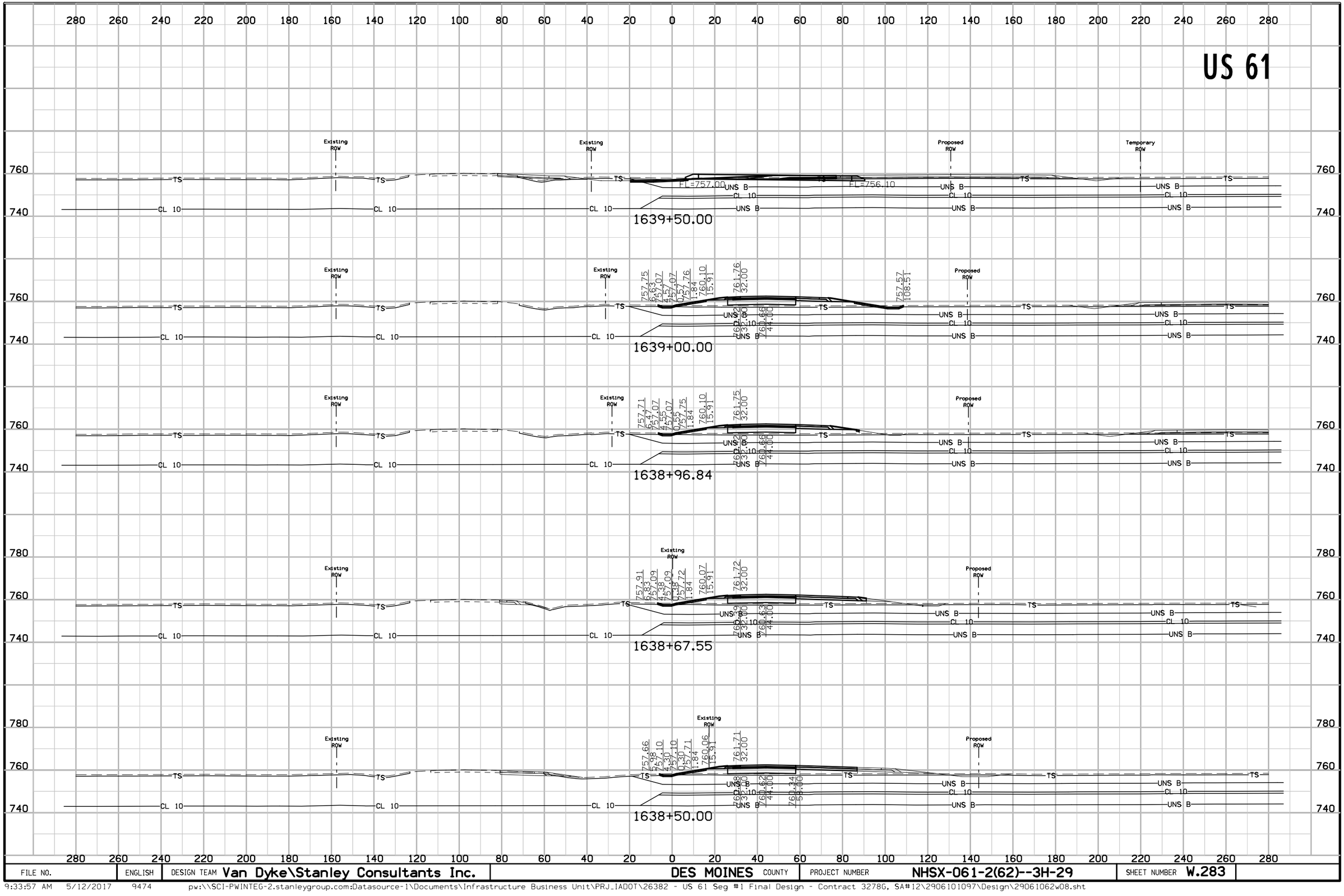




FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.282

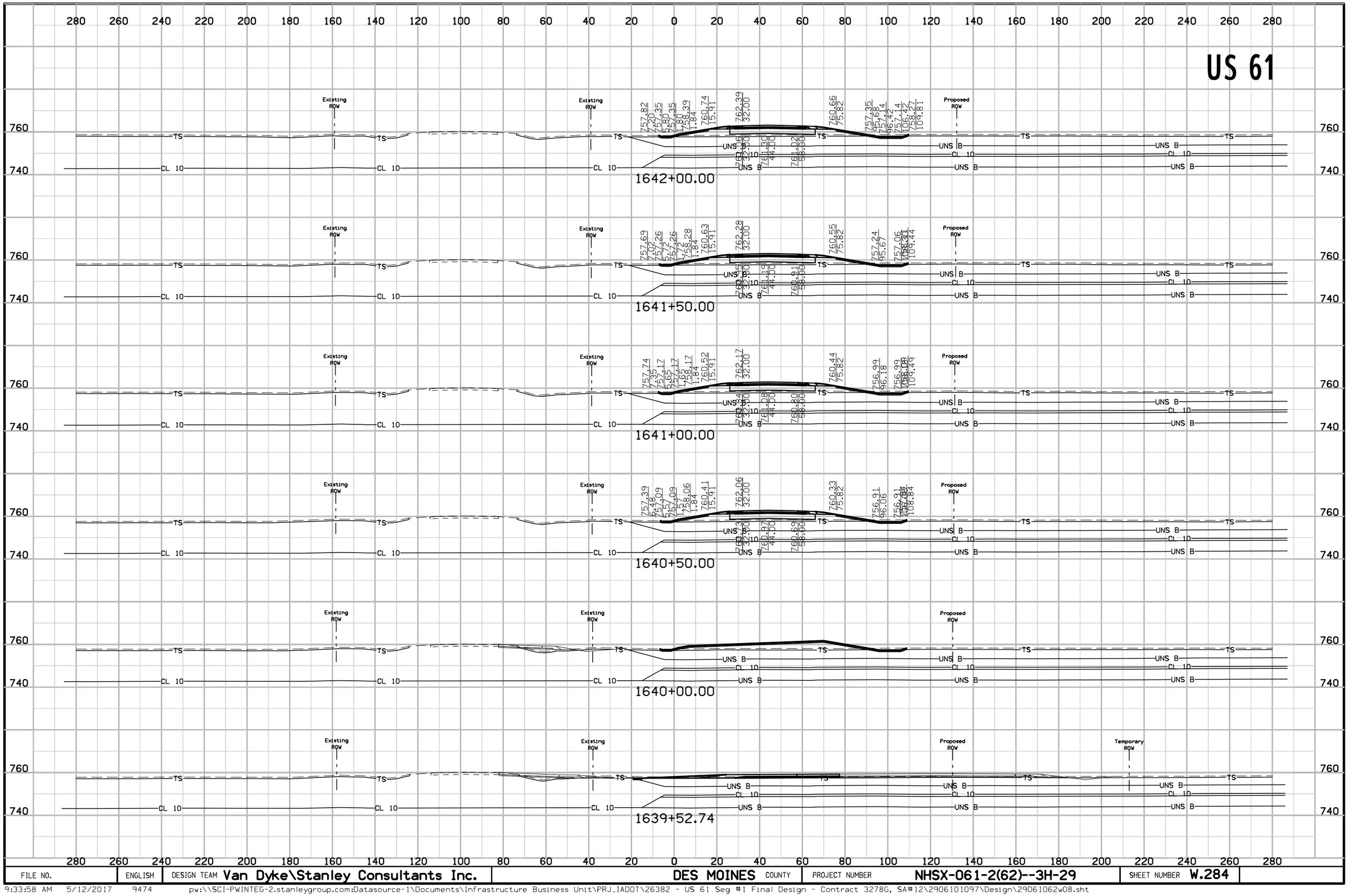
9:33:55 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

US 61



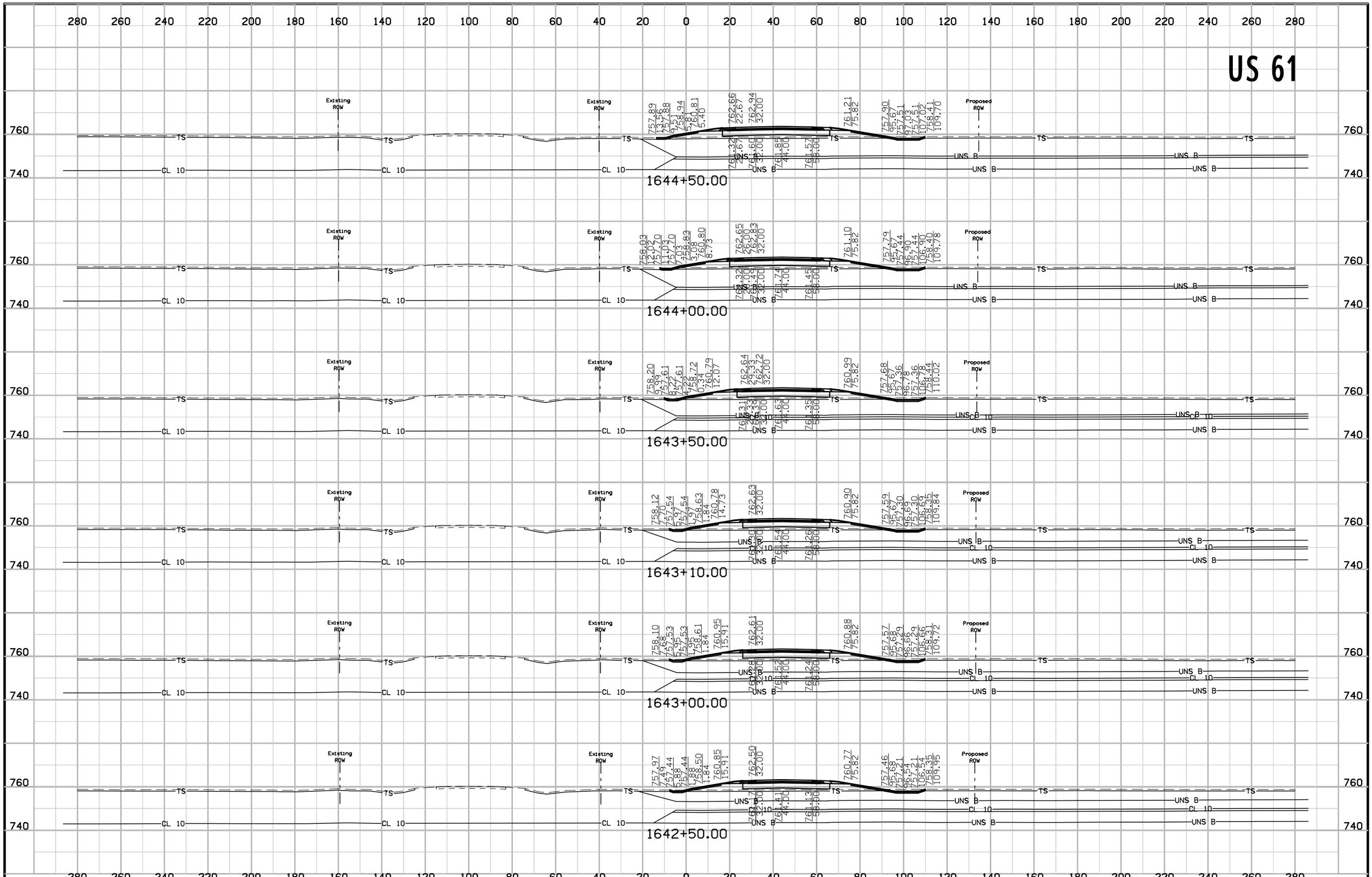
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.283

US 61



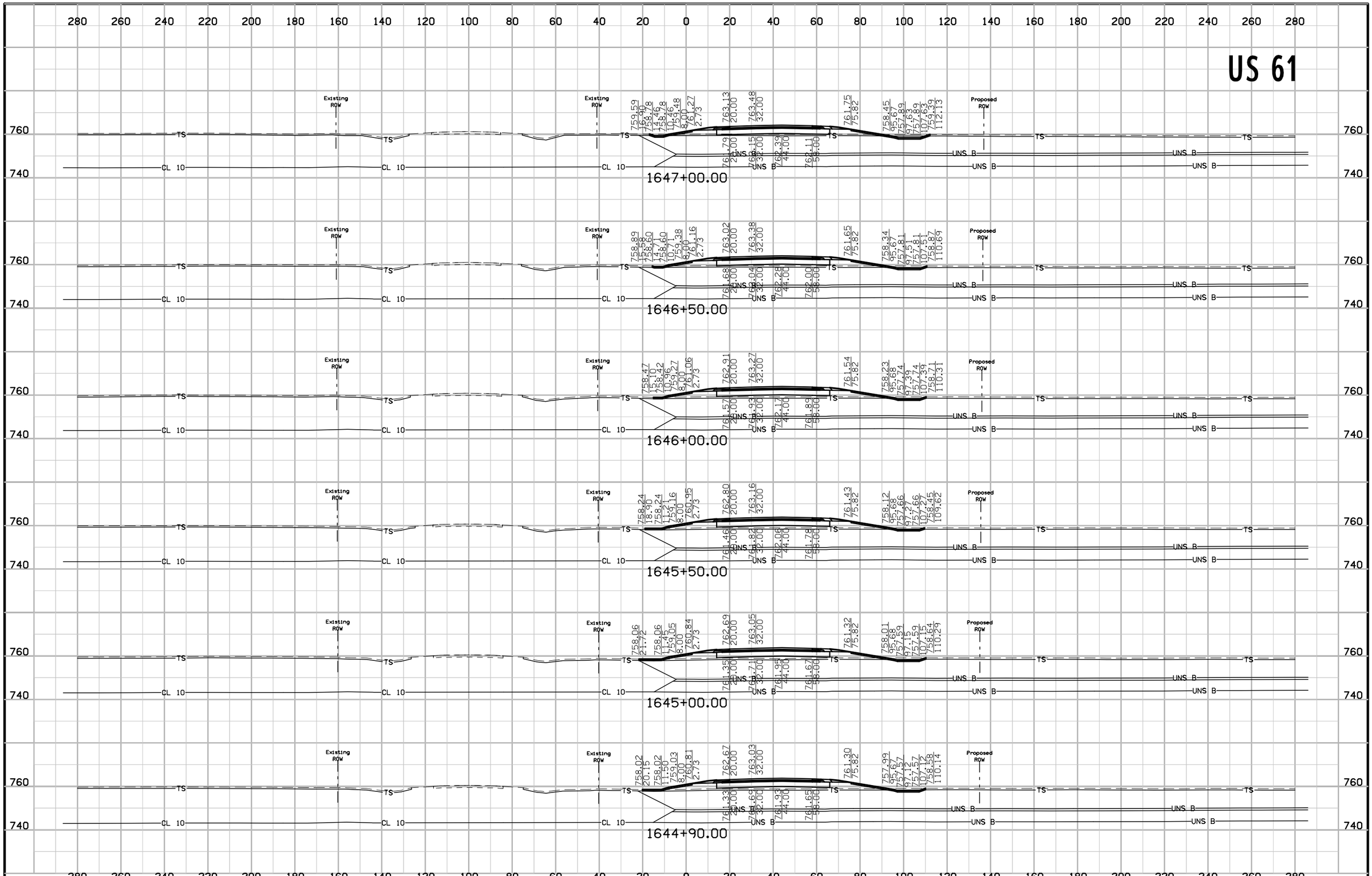
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.284

US 61



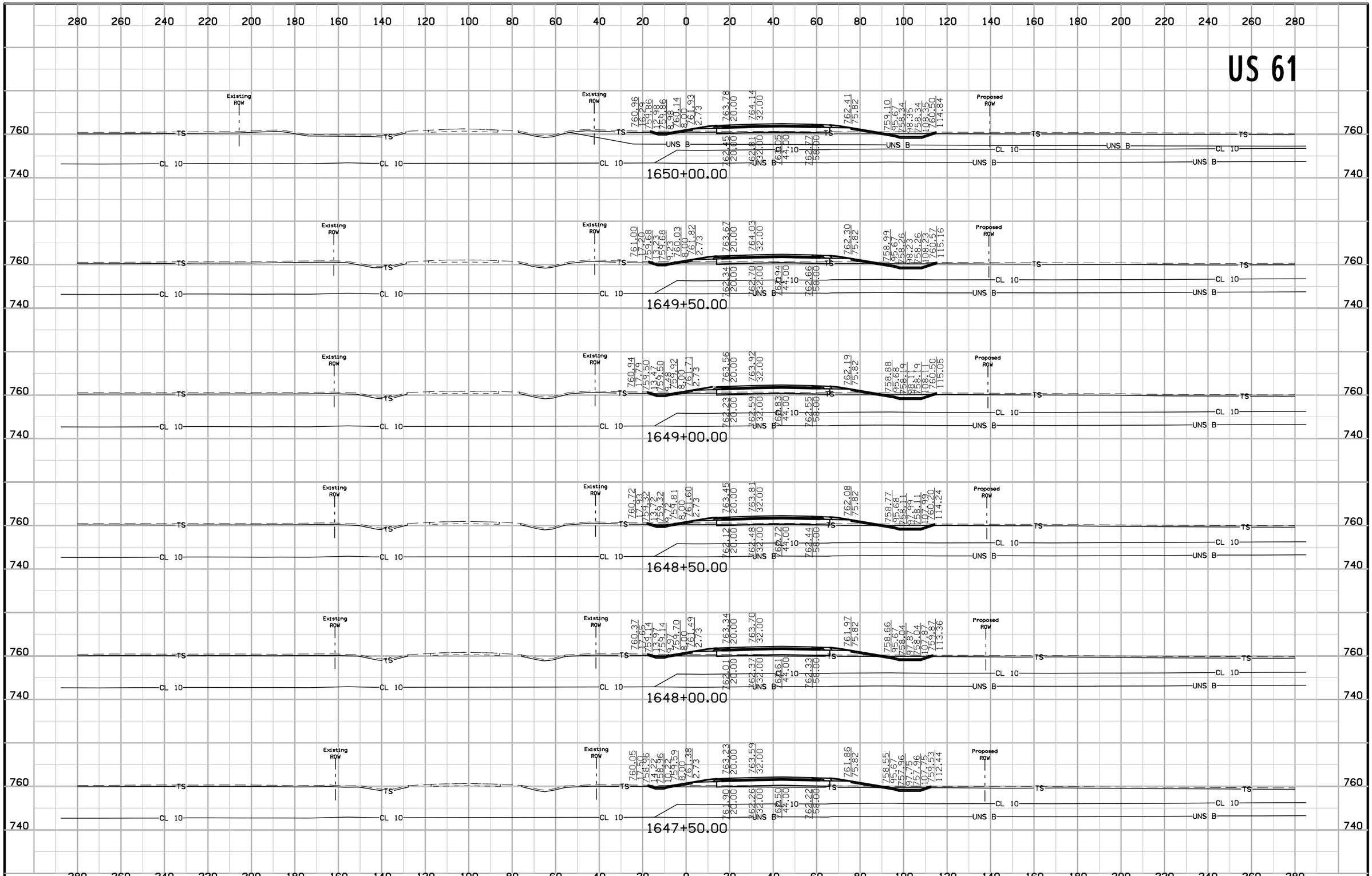
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.285

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.286

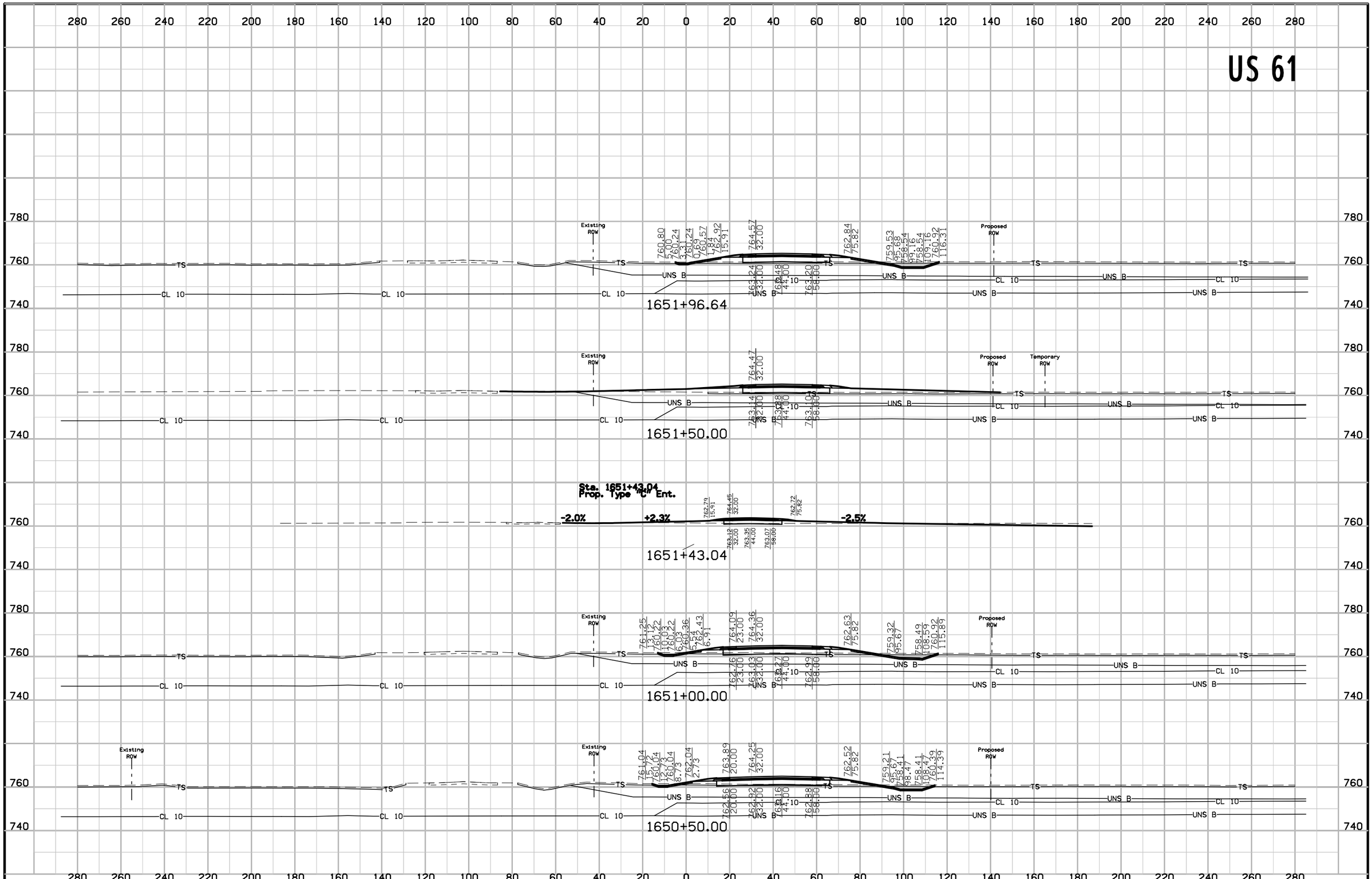
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER	NHSX-061-2(62)--3H-29	SHEET NUMBER W.287	

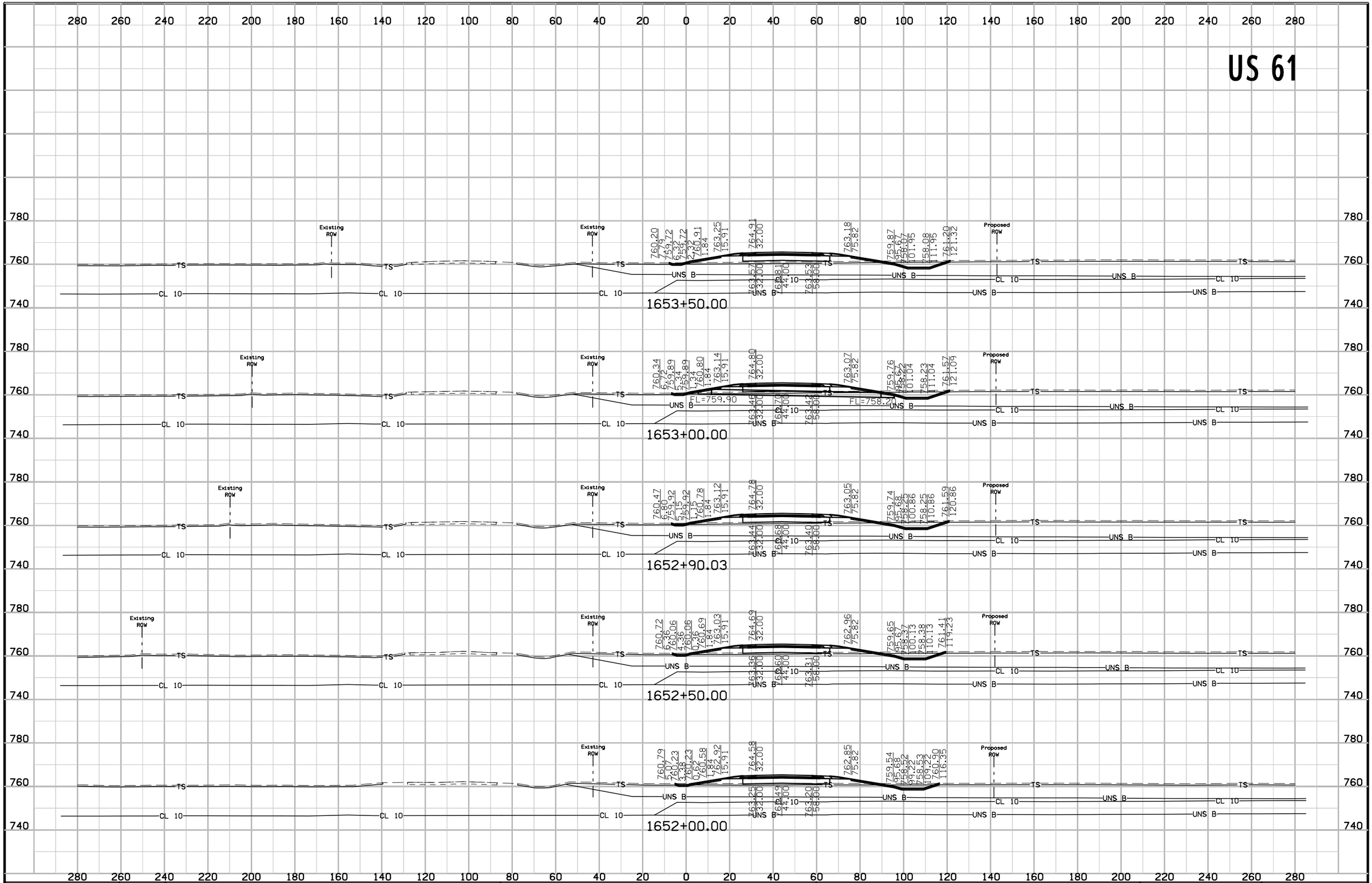
9:34:03 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

US 61



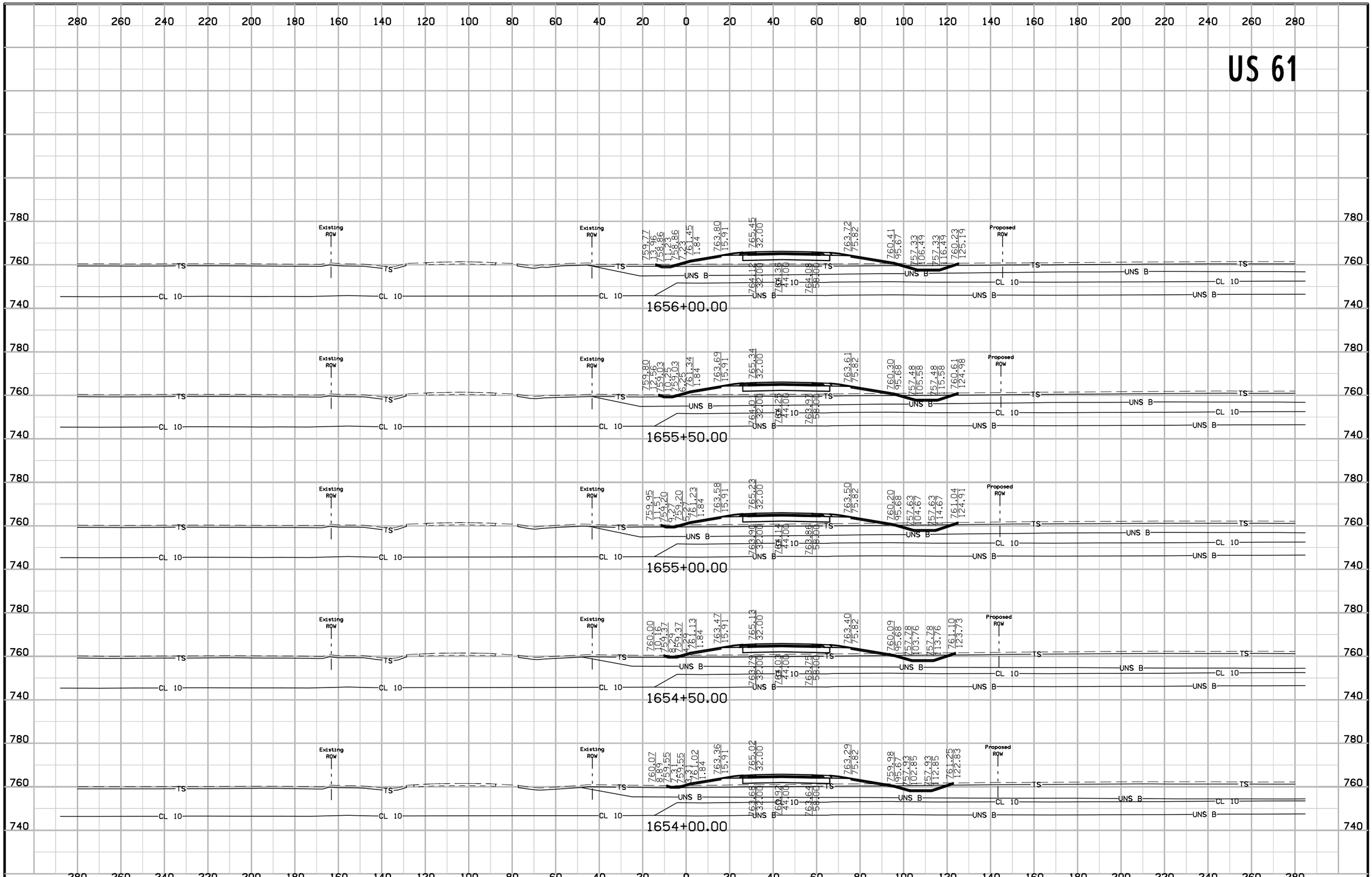
9:34:04 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

US 61



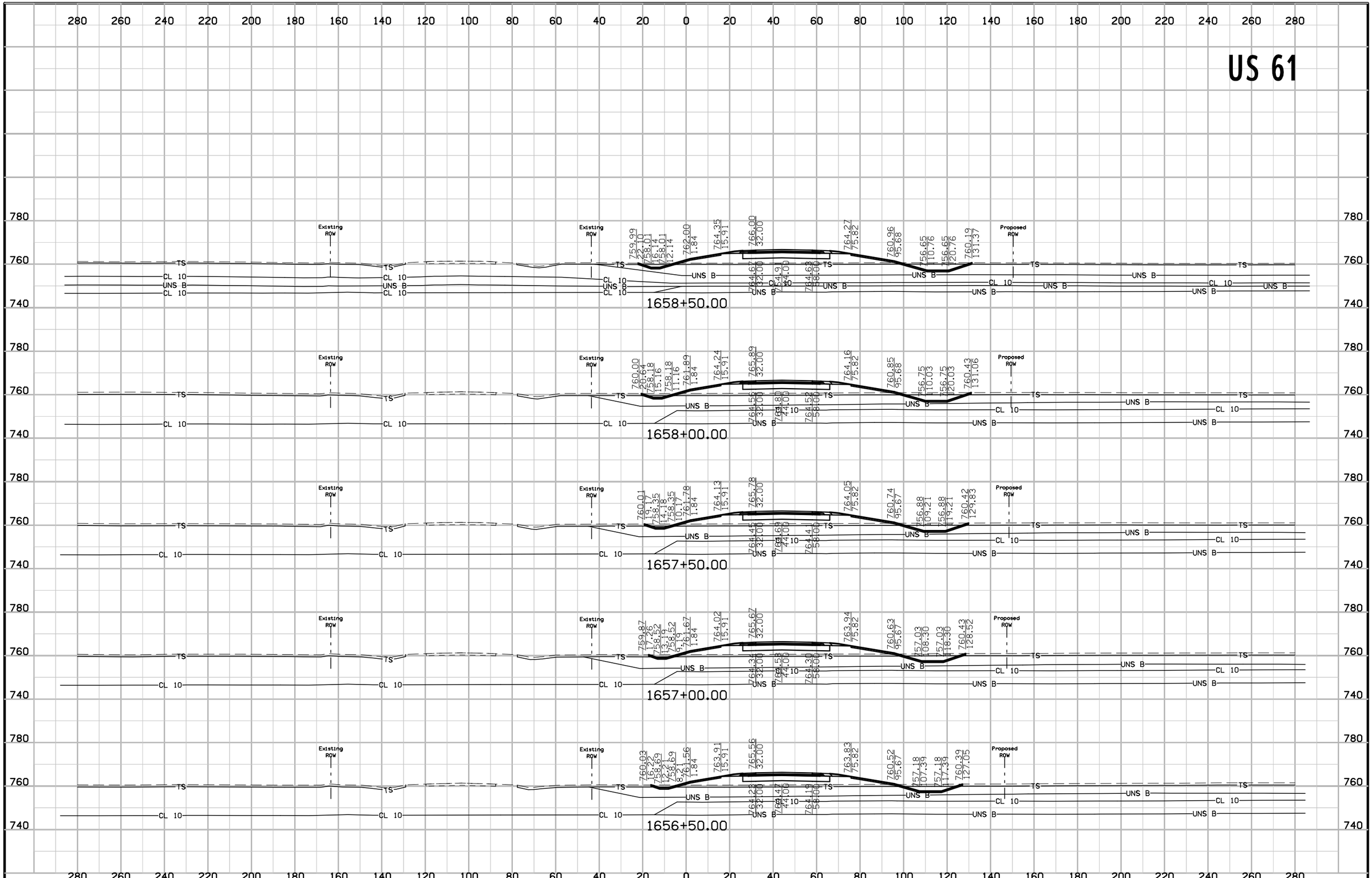
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.289

US 61



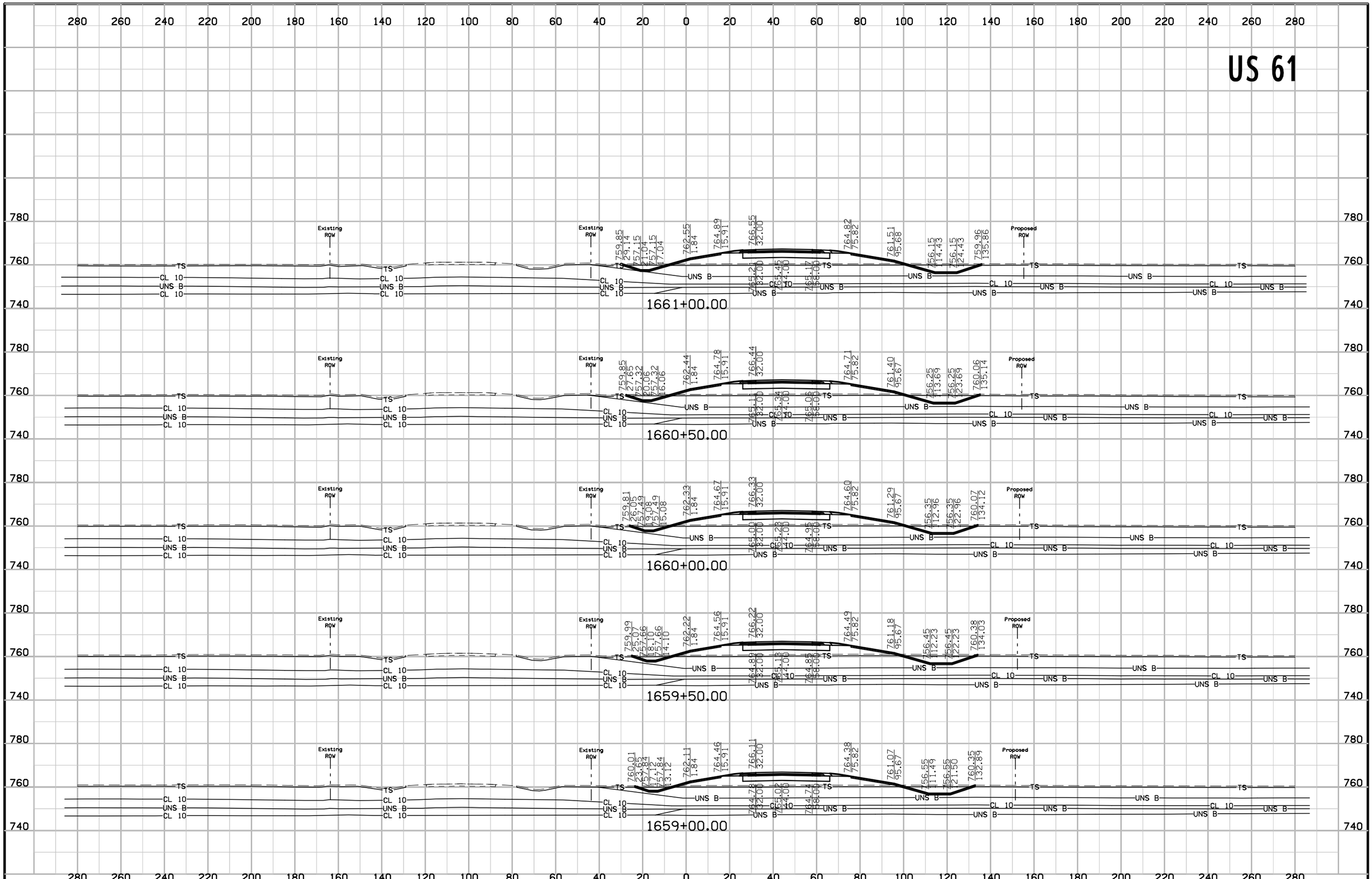
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.290

US 61



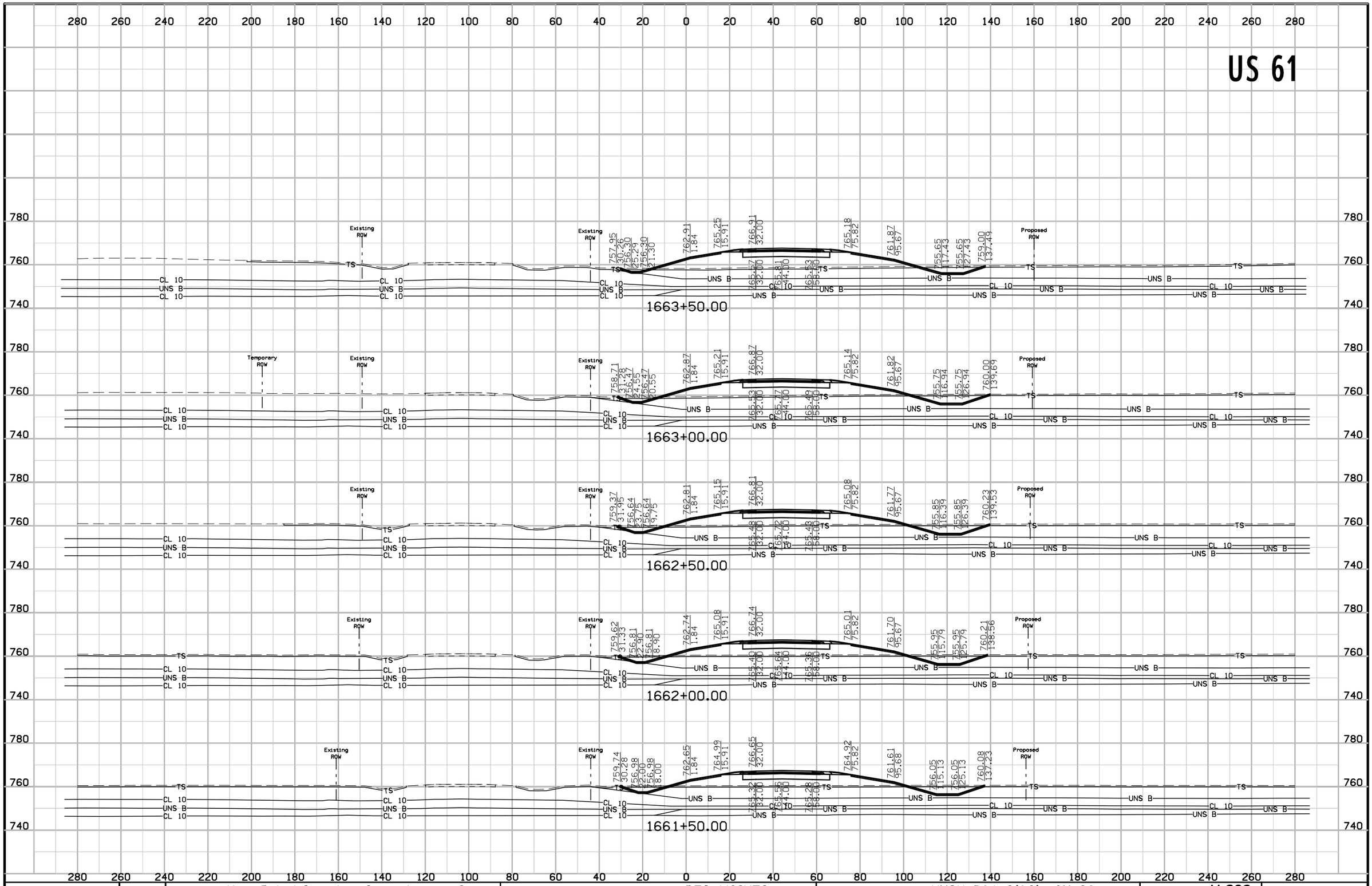
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.291

US 61



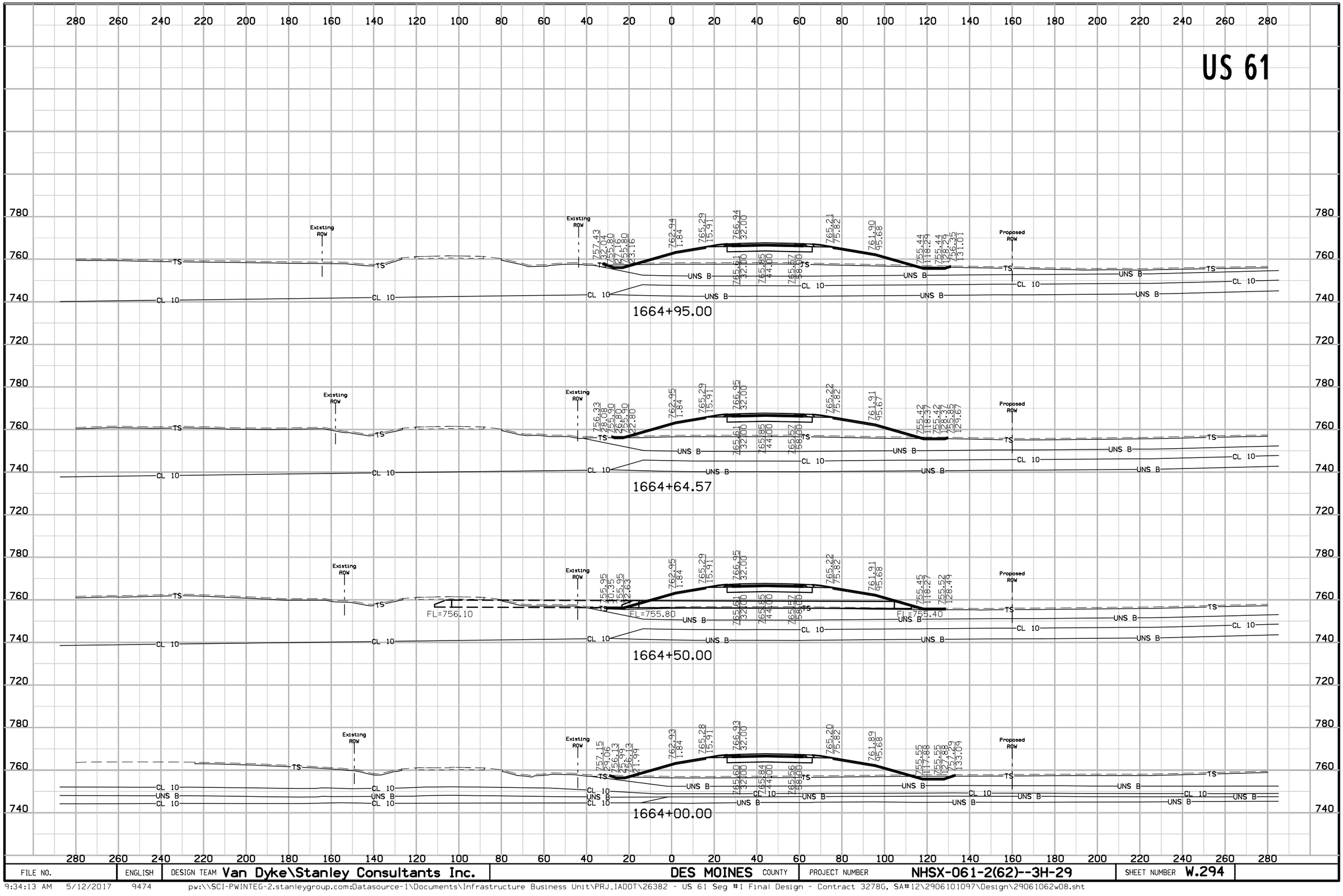
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.292

US 61



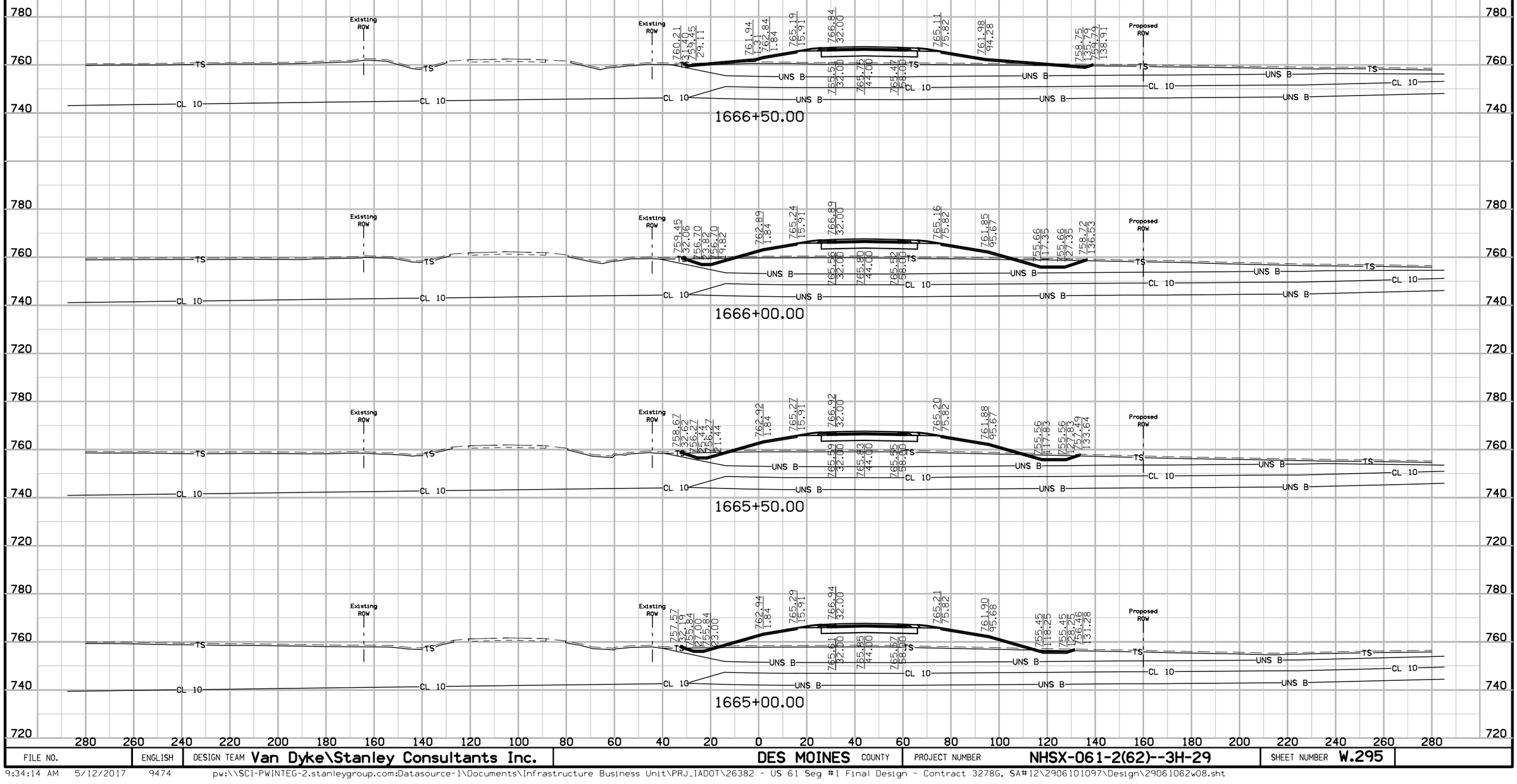
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.293

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.294

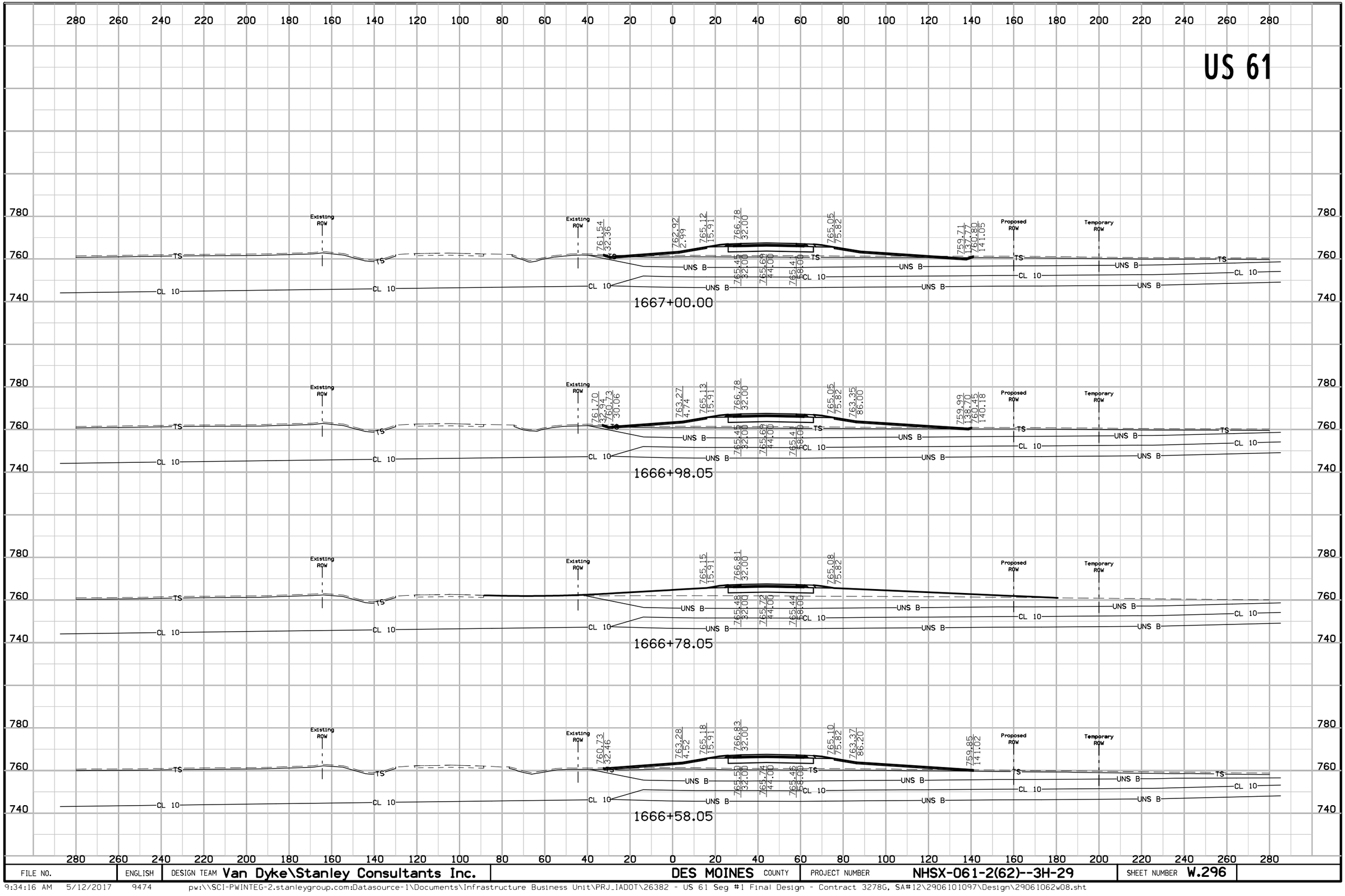
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.295

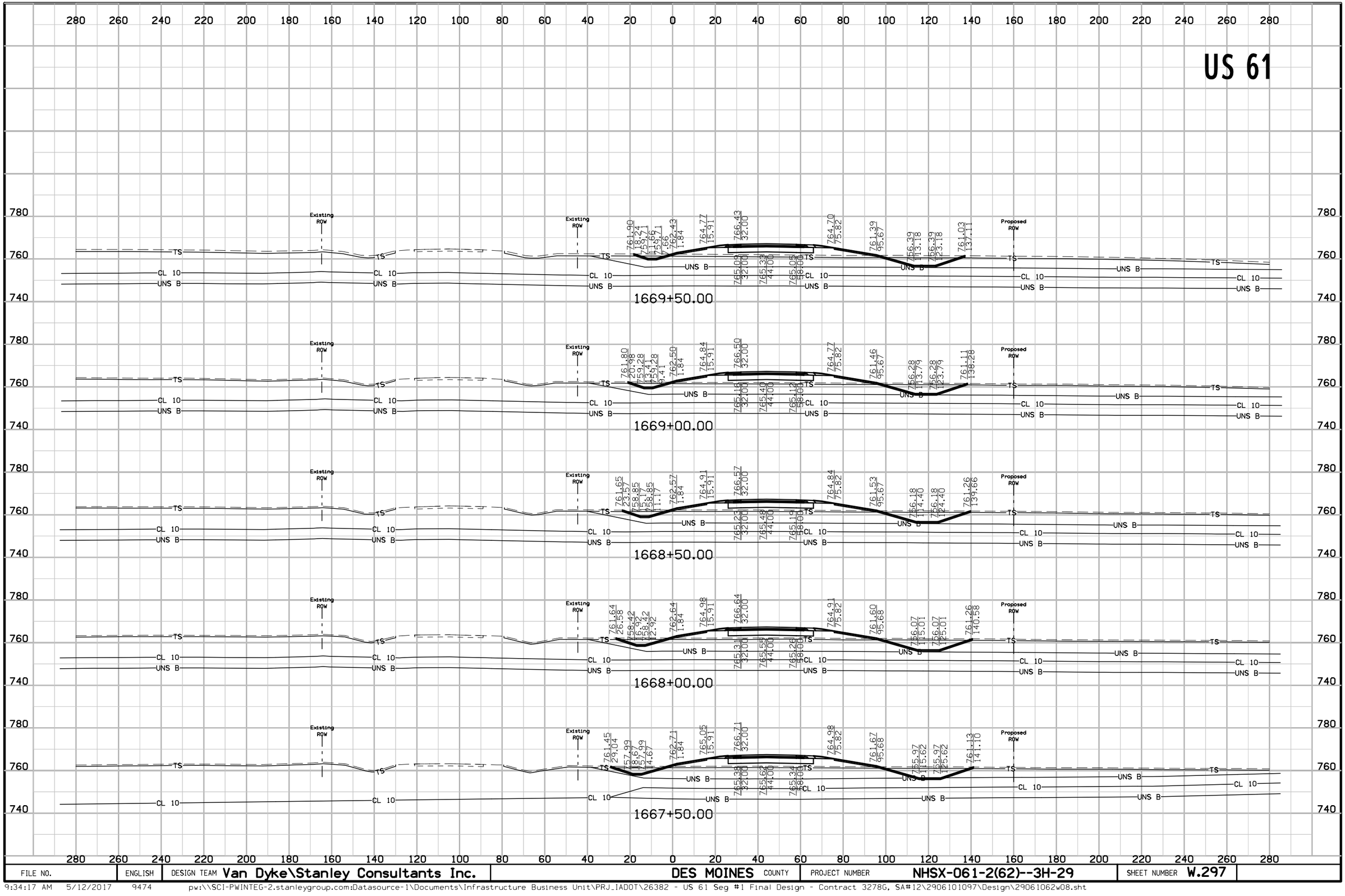
9:34:14 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

US 61



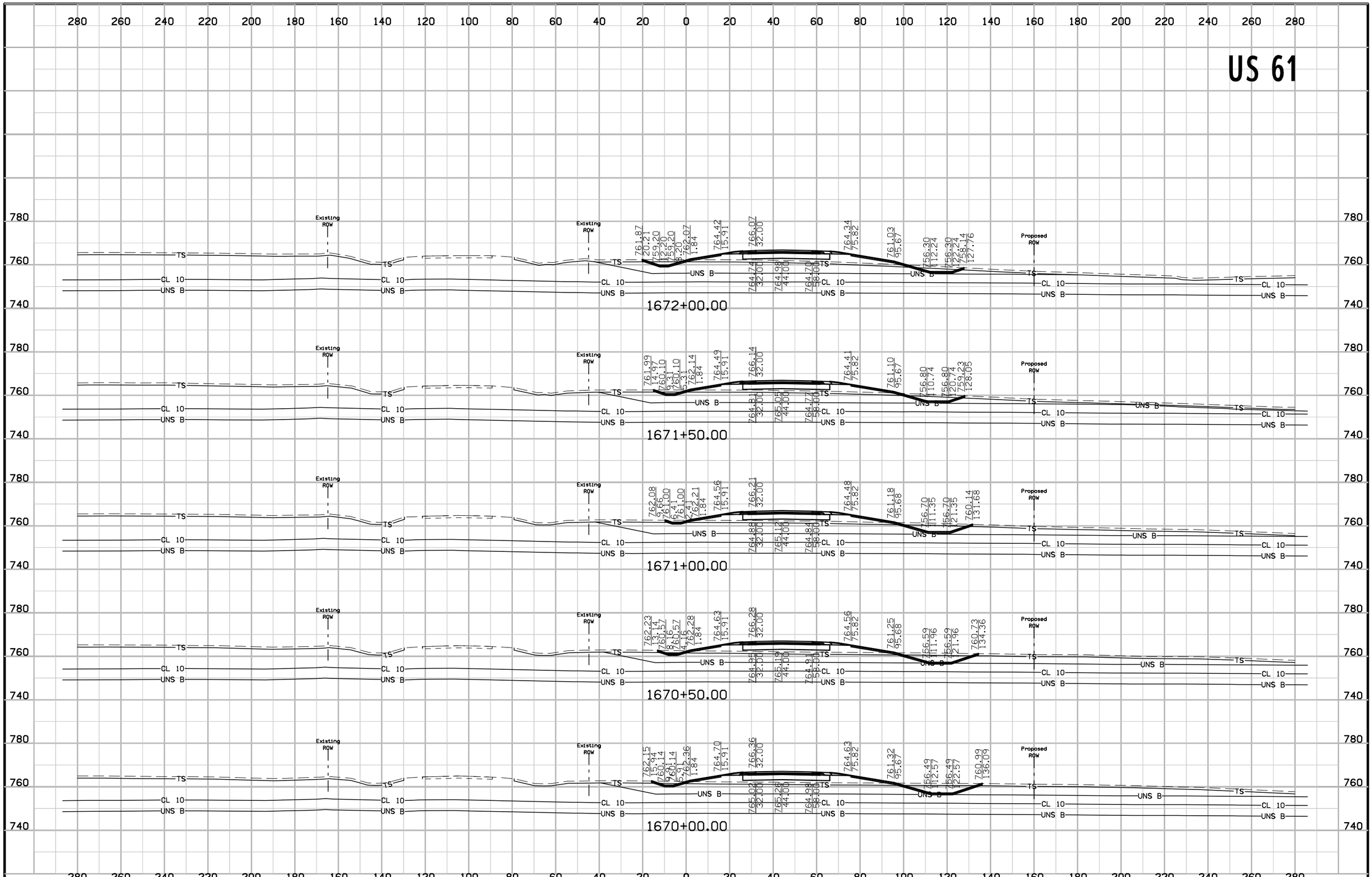
9:34:16 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.297

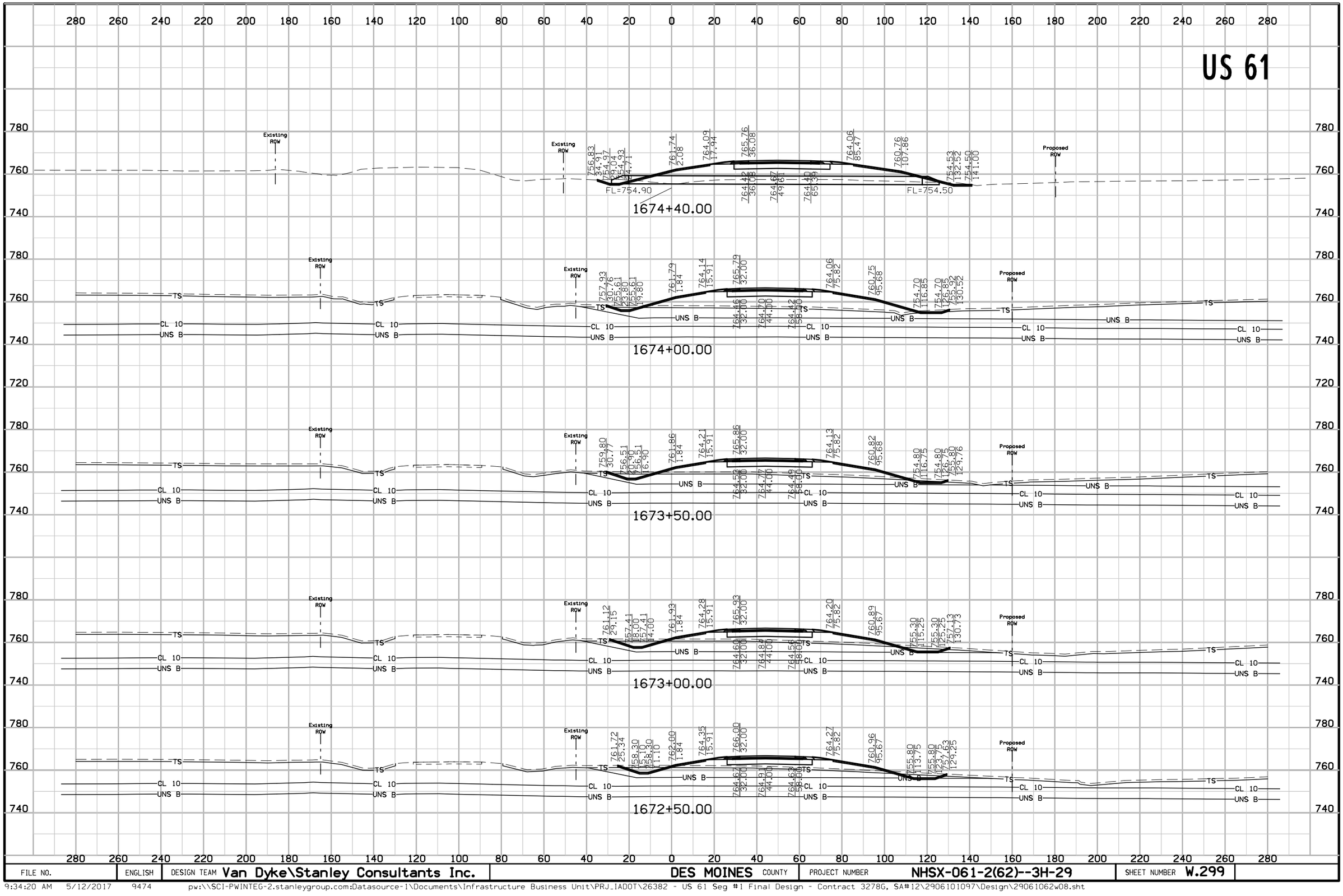
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.298

9:34:18 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

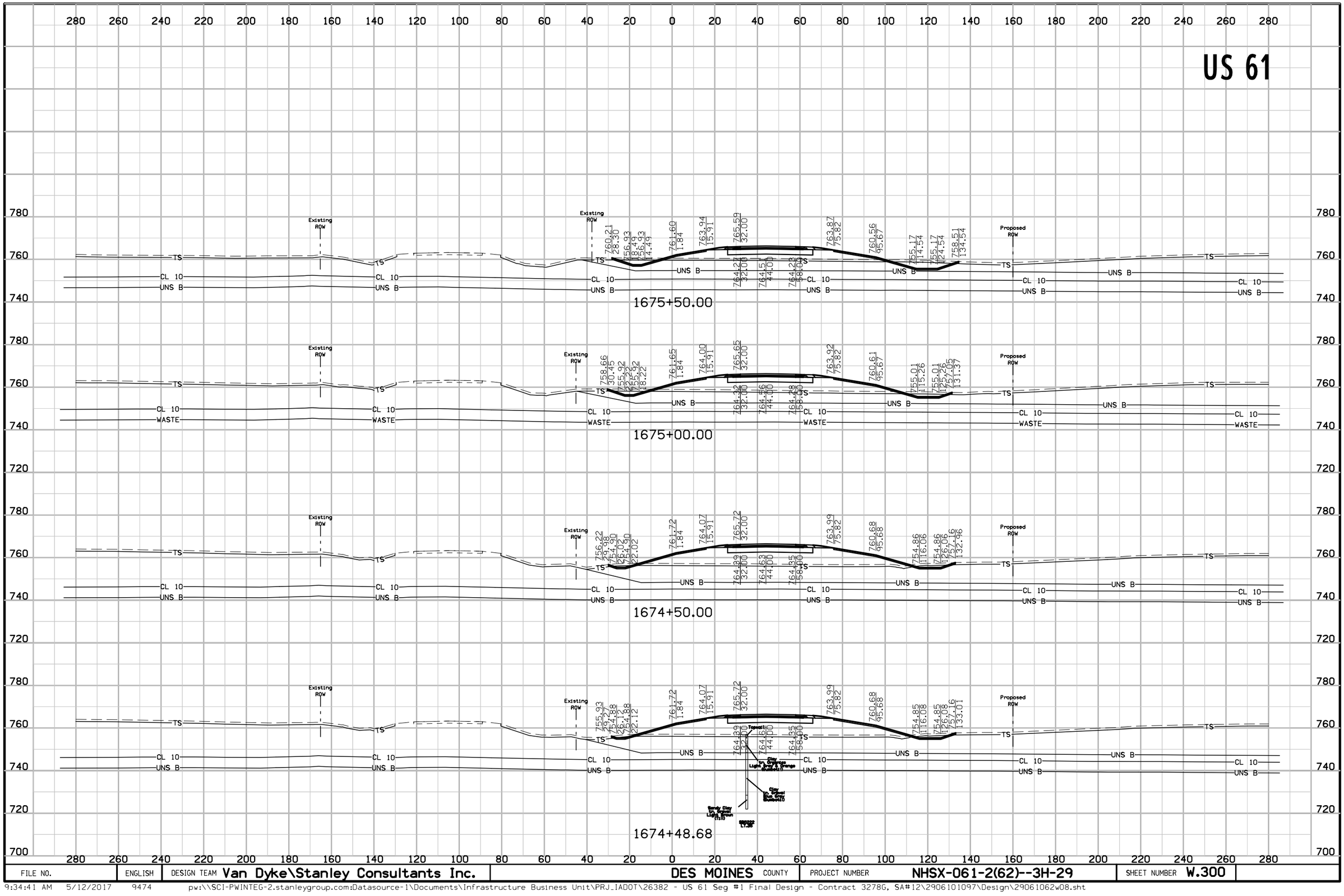
US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.299

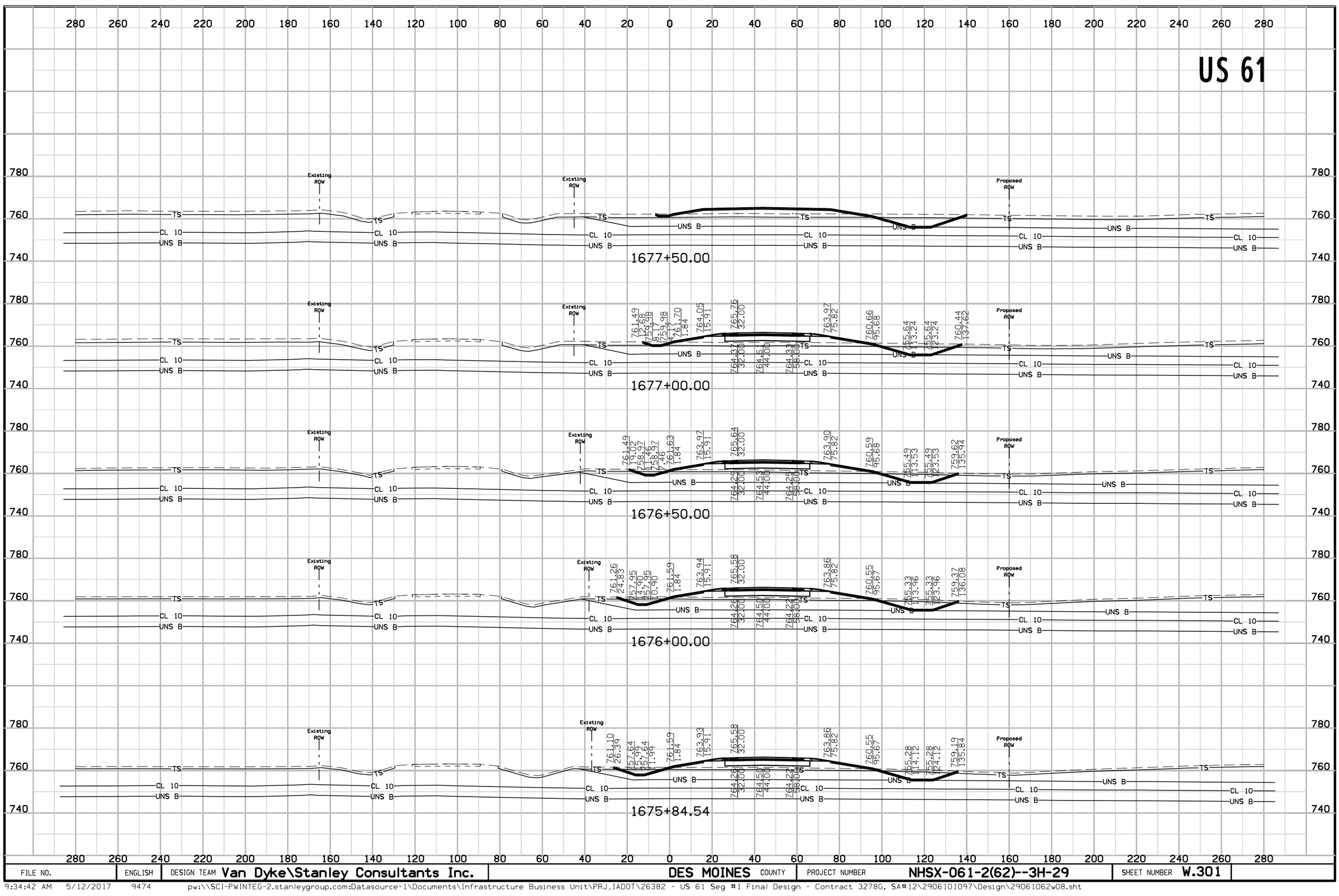
9:34:20 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062w08.sht

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.300

US 61



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.301

9:34:42 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\29061101097\Design\29061062w08.sht

US 61

280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

780
760
740

Existing ROW
Existing ROW
Proposed ROW

TS
CL 10
UNS B

1679+50.00

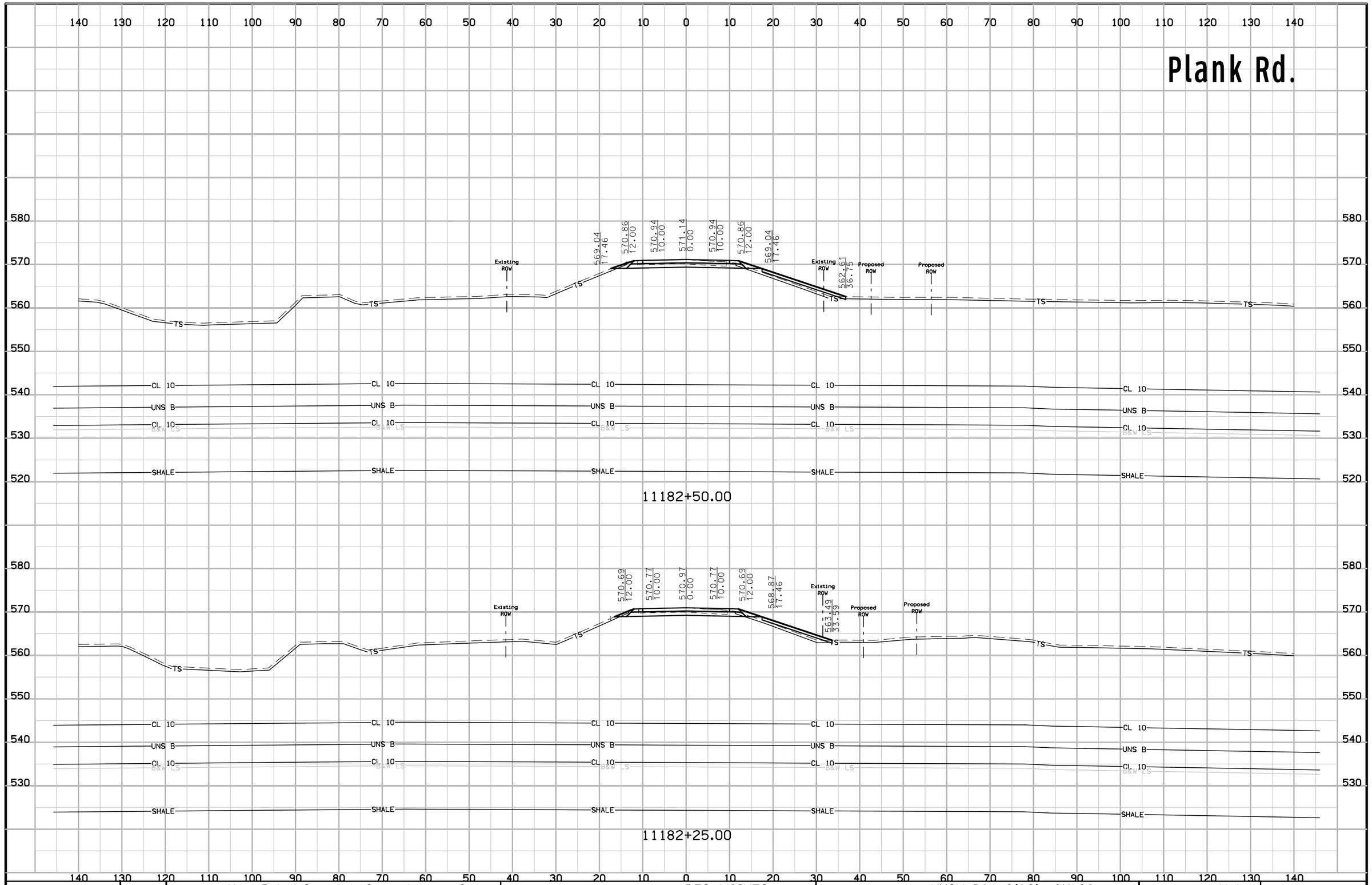
1679+00.00

1678+50.00

1678+00.00

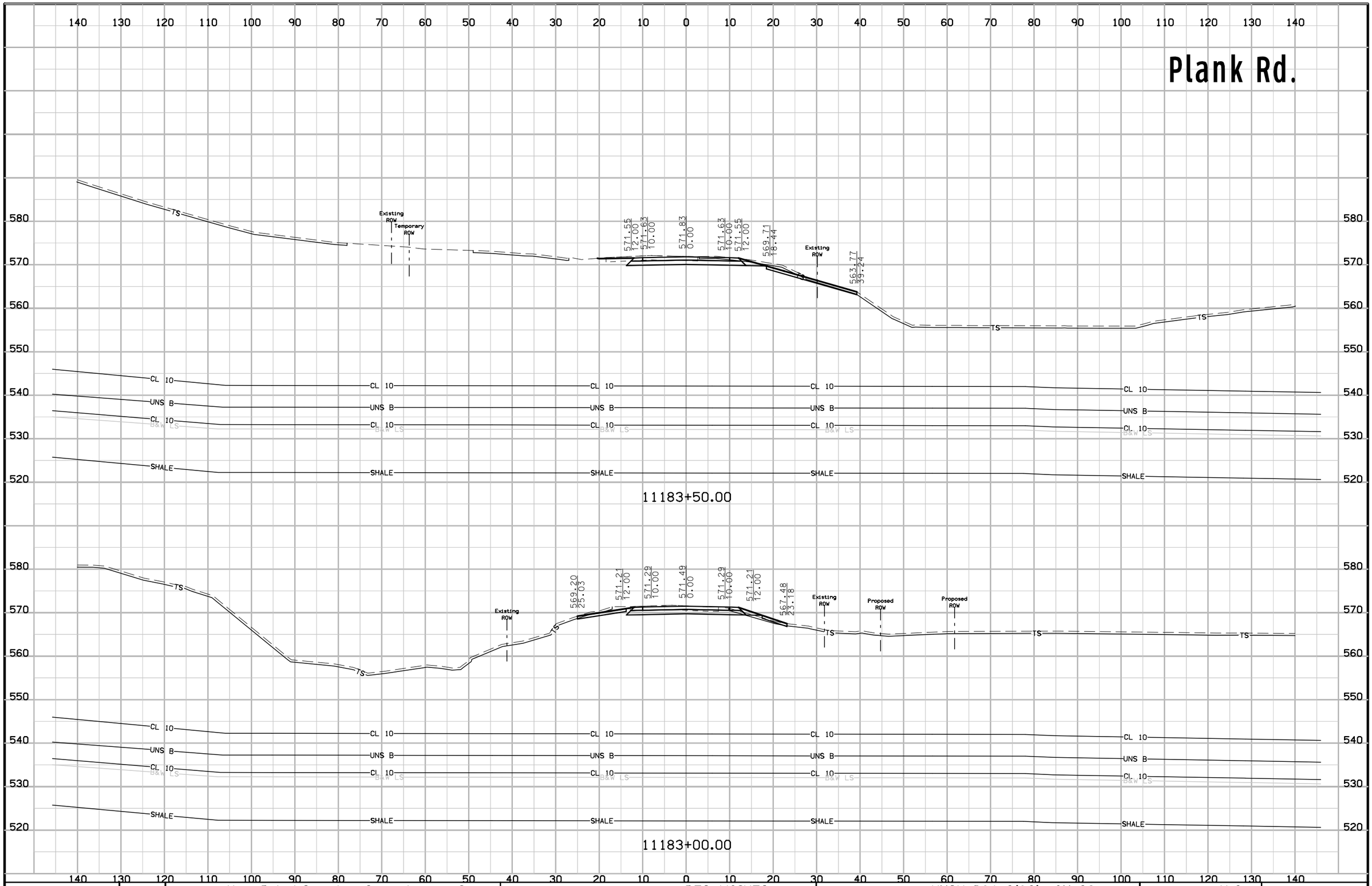
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER W.302

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.1

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.2

Plank Rd.

Existing ROW

Sta. 11183+61.00
Prop. Type "C" Ent.

-7.1%

+4.0%

571.70 10.00

571.90 0.00

571.70 10.00

571.62 12.00

569.80 17.46

556.80 56.44

556.80 61.44

557.17 64.33

TS

CL 10

UNS B

CL 10

SHALE

B&W LS

11183+61.47

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.3	

10:32:05 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.

Existing ROW

TS

571.66 12.00 571.74 10.00

571.94 0.00

571.74 10.00 571.66 12.00

569.84 17.46

Existing ROW

558.16 52.50

558.19 57.50

575.79 110.38

CL 10

UNS B

CL 10

SHALE

B&W LS

11183+80.87

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.4

10:32:06 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

600 590 580 570 560 550 540 530 520

TS

572.80
38.75

572.17
31.91

569.08
22.63
569.07
19.63

571.62
21.00
21.00
10.00

571.90
0.00

571.70
10.00
571.62
12.01

569.80
11.46

Existing ROW

575.96
102.76

559.50
48.36

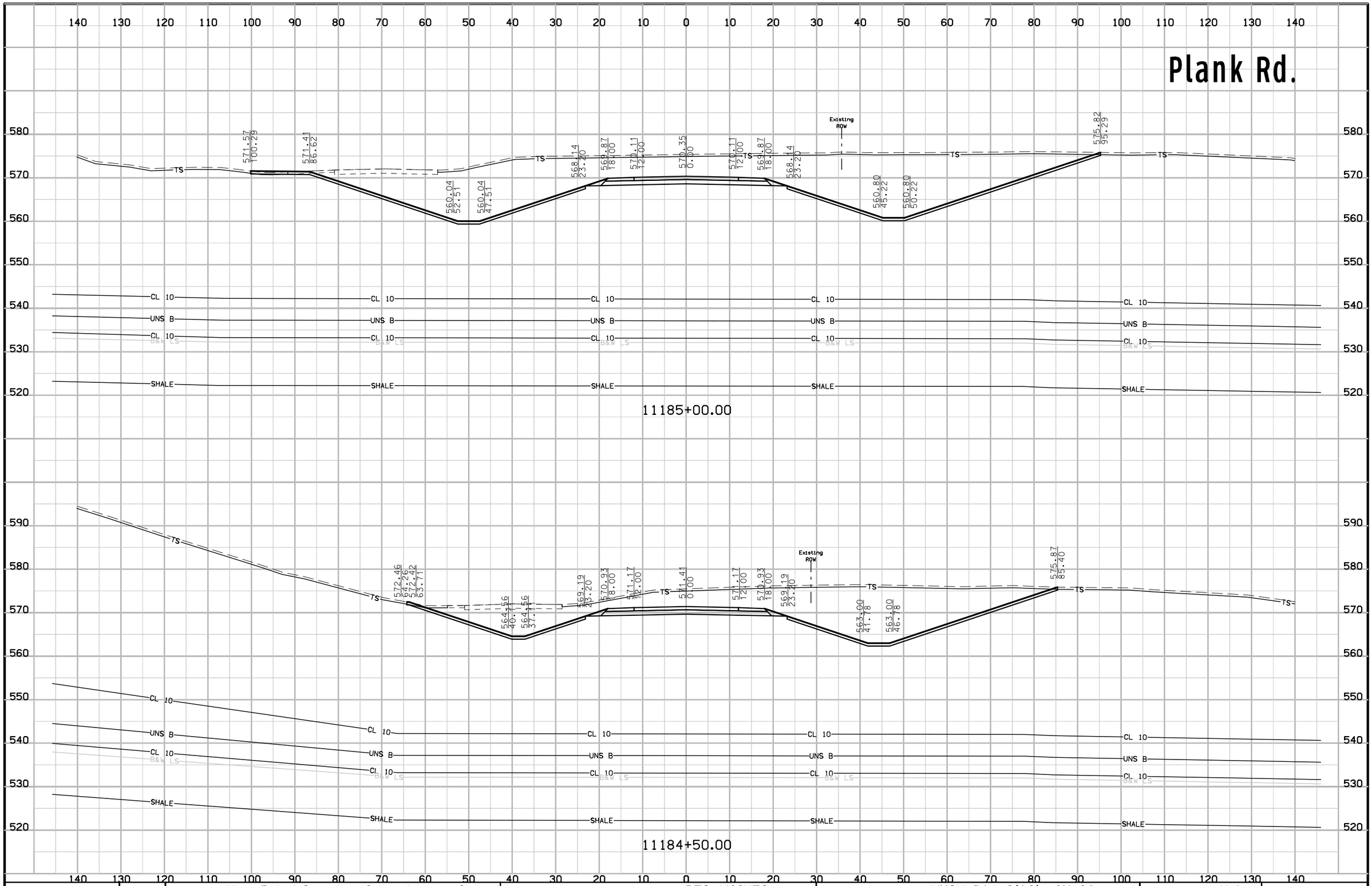
559.50
53.36

CL 10
UNS B
CL 10
B&W LS
SHALE

11184+00.00

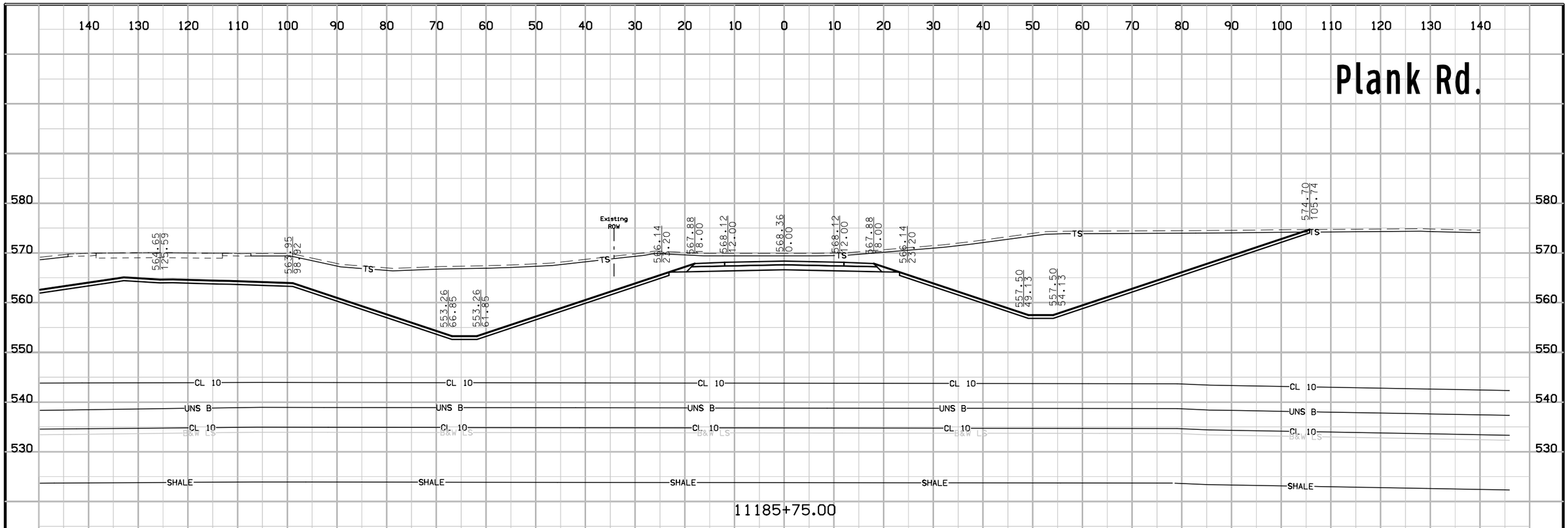
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.5

Plank Rd.

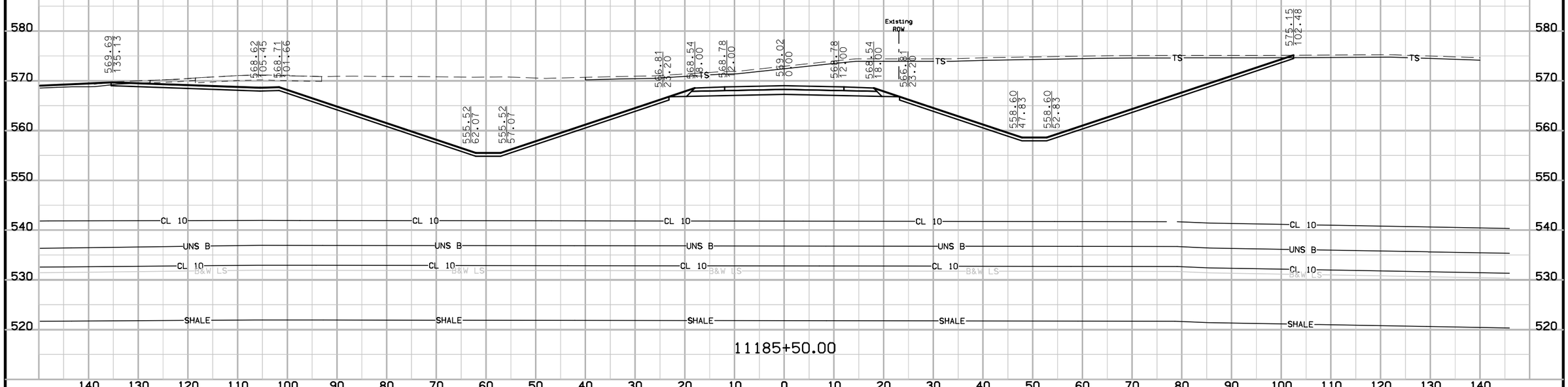


FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.6

Plank Rd.



11185+75.00



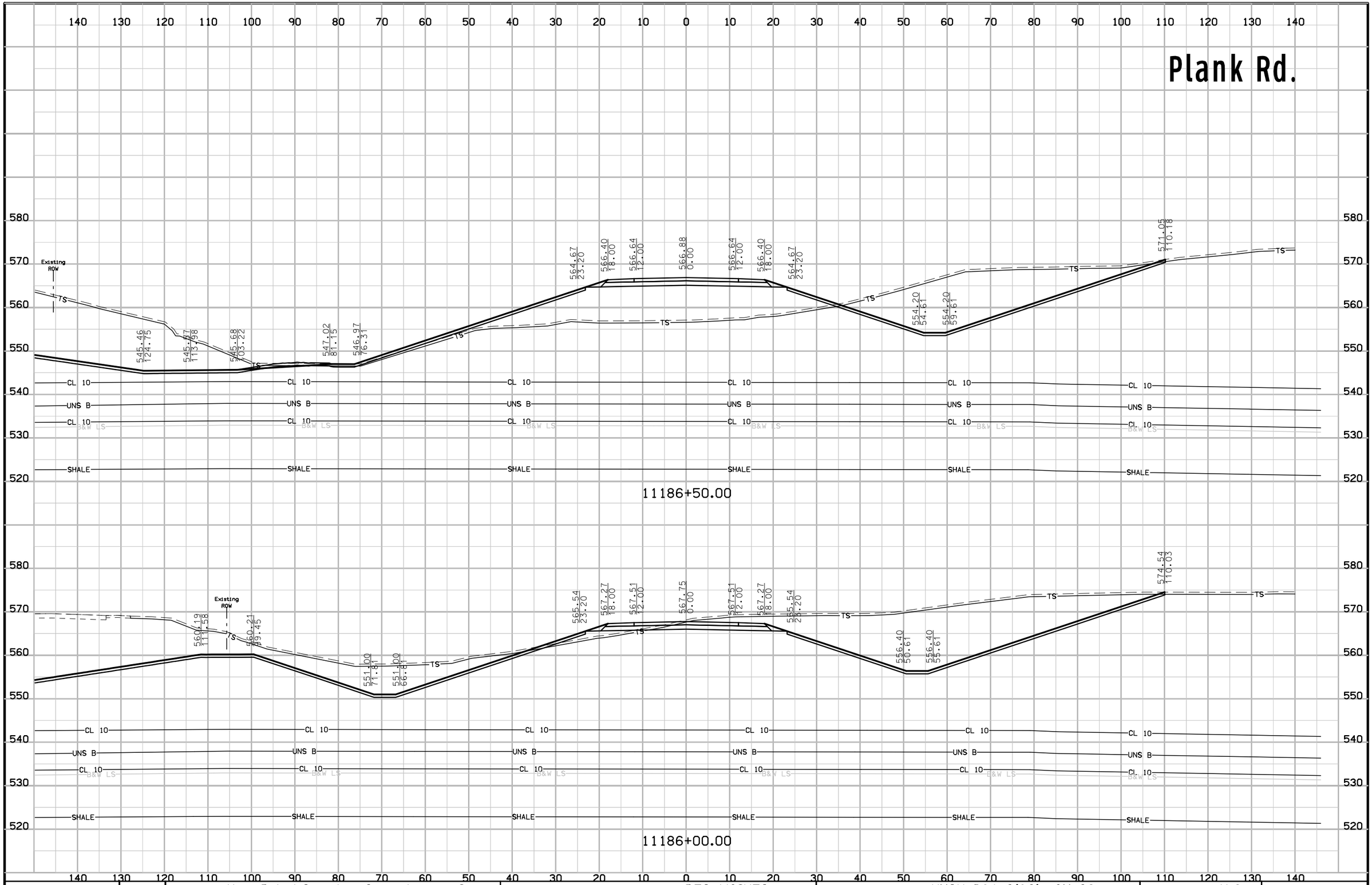
11185+50.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.7

10:32:10 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.8

Plank Rd.

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520 510 500 490

555.55
138.46

547.99
86.49
546.44
82.08

546.44
77.08

564.40
23.20

566.13
18.00

566.37
12.00

566.61
0.00

566.37
12.00

566.13
18.00

564.40
23.20

553.03
57.32

553.03
62.32

569.79
112.62

TS

CL 10

B&W LS

11186+76.68

existing ROW

545.54
118.28

545.65
107.57

545.76
96.85

546.72
81.95

546.72
76.95

564.63
23.20

566.37
18.00

566.61
12.00

566.85
0.00

566.61
12.00

566.37
18.00

564.63
23.20

554.06
54.91

554.06
59.91

570.66
109.70

UNS B

SHALE

11186+53.11

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.9

10:32:12 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\29061101097\Design\29061062x01.sht

Plank Rd.

554.34
92.18

548.64
75.09

548.64
70.09

564.27
23.20

566.01
18.00

566.25
12.00

566.49
0.00

566.25
12.00

566.01
18.00

564.27
23.20

554.00
60.02

552.00
65.02

569.58
117.77

TS

CL 10

B&W LS

11187+00.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.10

10:32:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.

554.36
82.12

550.32
69.98

550.32
69.98

564.24
23.20

565.98
18.00

566.22
12.00

566.46
0.00

566.22
12.00

565.98
18.00

564.24
23.20

550.39
64.77

550.39
64.77

568.08
122.85

TS

CL 10

B&W LS

11187+17.76

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.11

Plank Rd.

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570
560
550
540
530
520
510

555.62
80.46

555.26
64.38

554.26
62.38

564.32
23.20

566.06
18.00

566.30
12.00

566.54
0.00

566.30
12.00

566.06
18.00

564.32
23.20

547.74
72.94

547.74
77.94

548.29
79.57

TS

CL 10

B&W LS

11187+46.82

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.12

Plank Rd.

555.73
80.62

551.30
64.32

551.30
62.32

564.34
23.20

566.07
18.00

566.31
12.00

566.55
0.00

566.31
12.00

566.07
18.00

564.34
23.20

547.45
73.86

547.46
28.86

548.23
81.19

TS

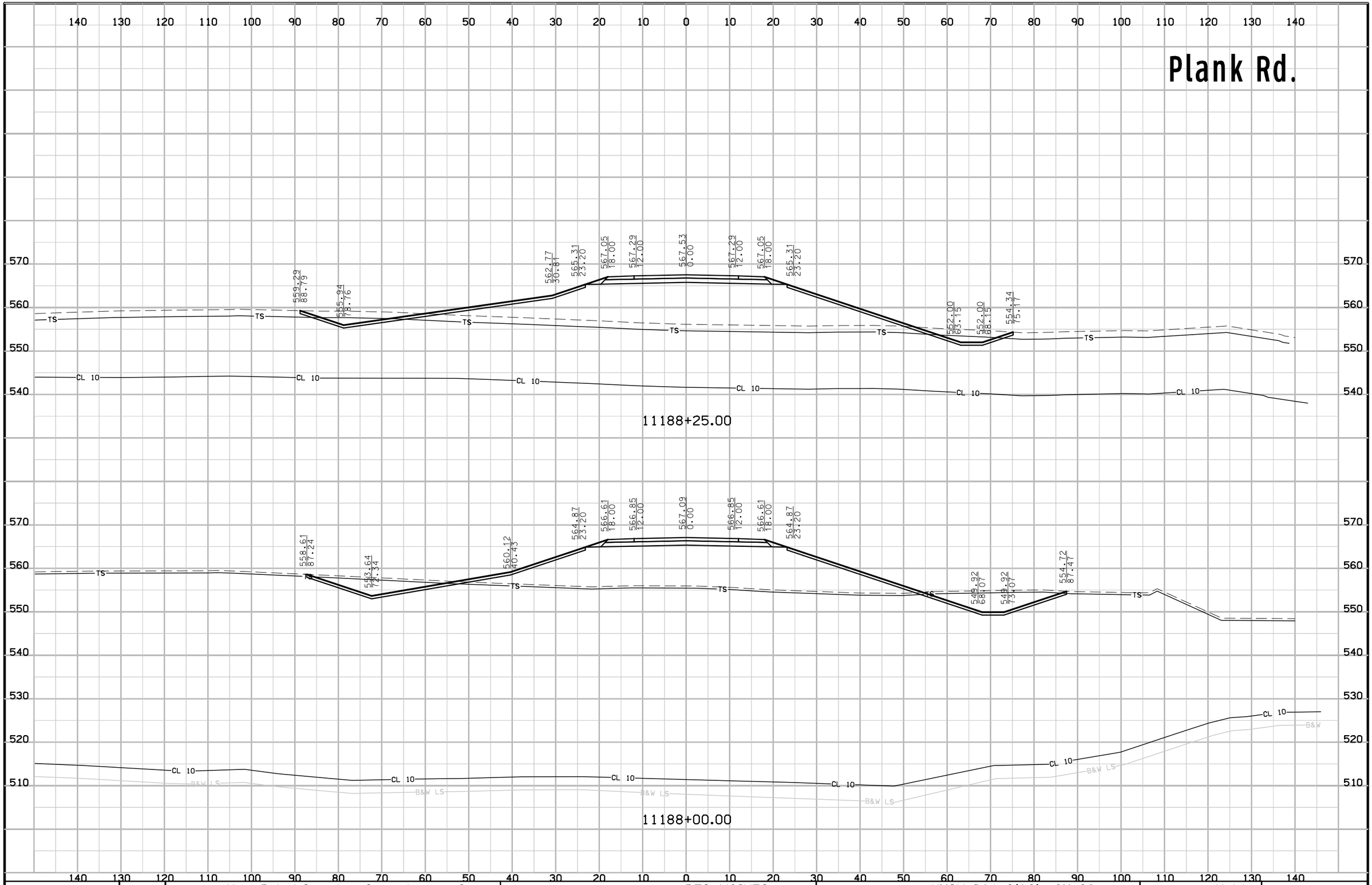
CL 10

B&W LS

11187+50.00

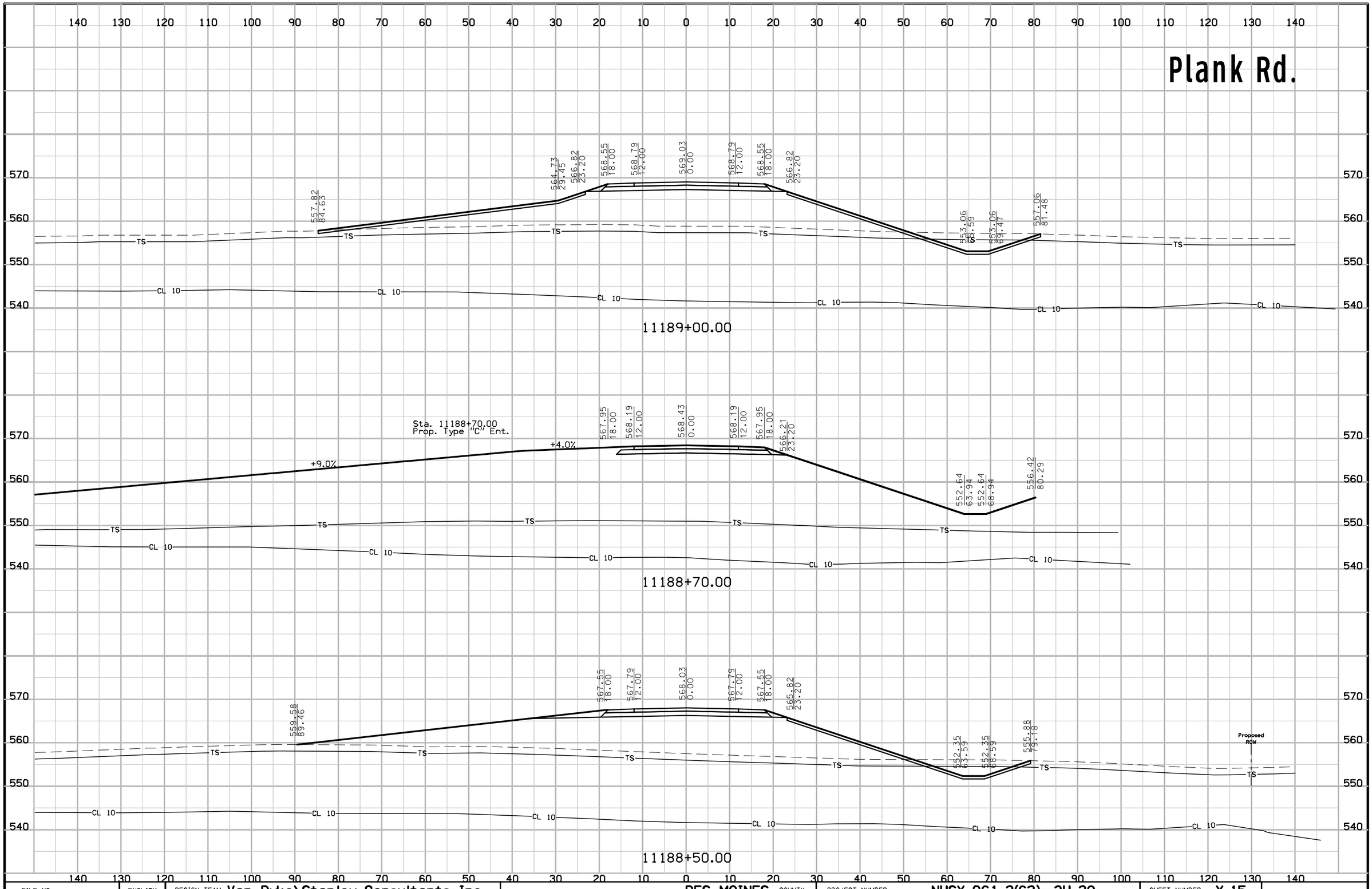
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.13

Plank Rd.



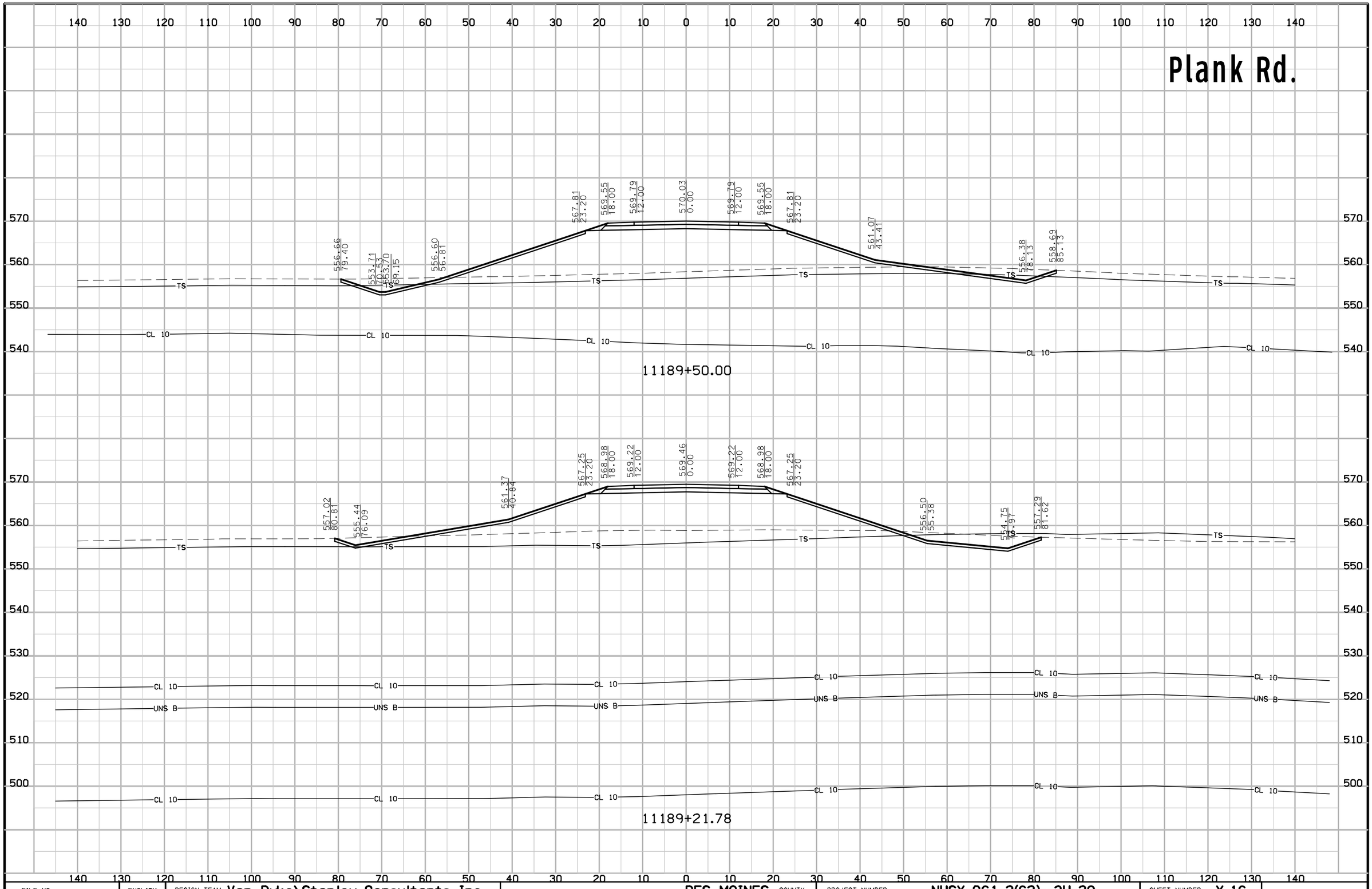
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.14

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.15

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.16

10:32:19 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.

568.38
23.21

570.11
18.00

570.35
12.00

570.59
0.00

570.35
12.00

570.11
18.00

568.38
23.20

565.27
32.49

556.62
78.92

554.04
71.20

554.04
66.20

558.46
83.70

559.46
86.77

TS

CL 10

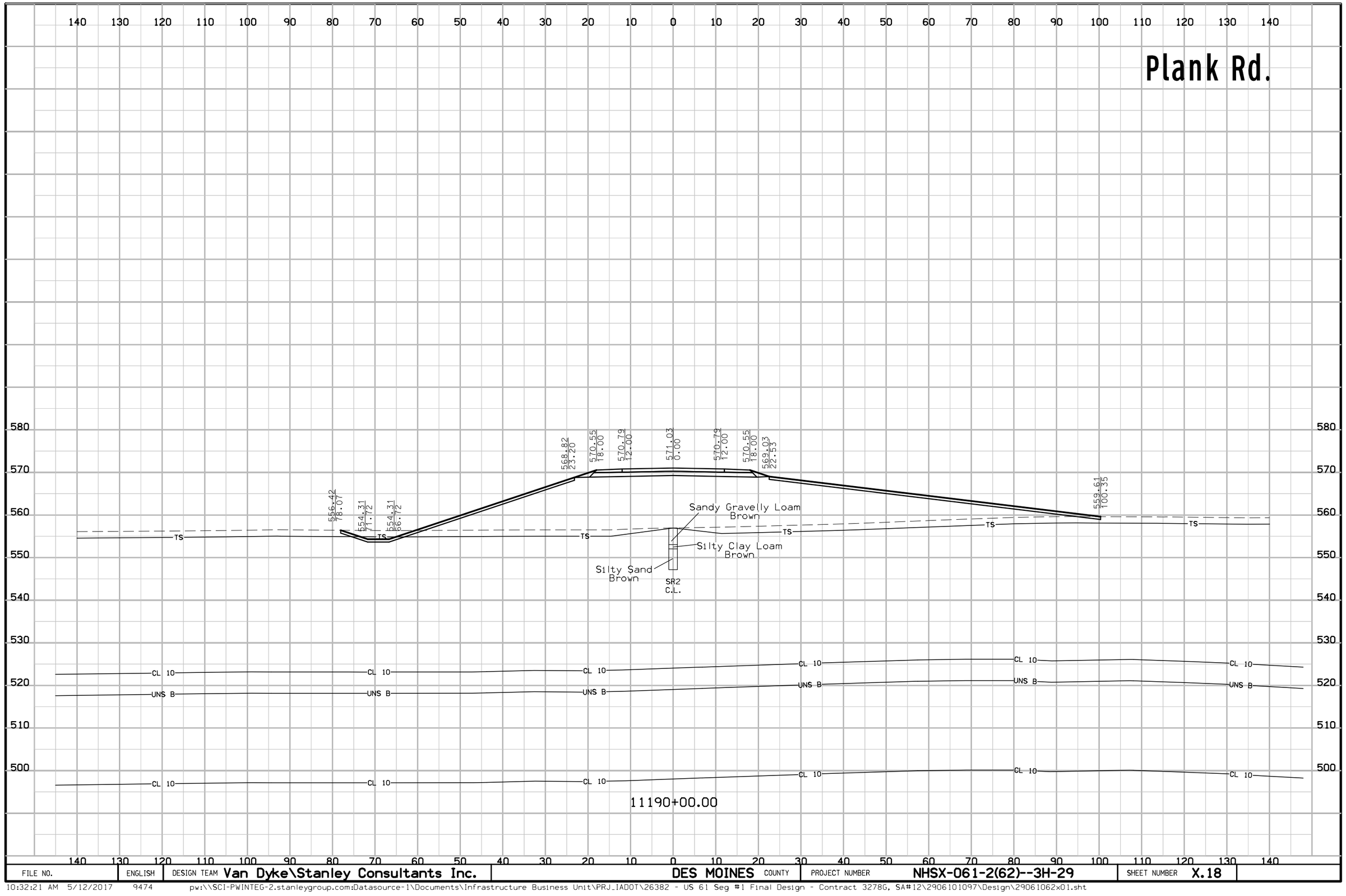
UNS B

11189+78.07

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.17

10:32:20 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.18

Plank Rd.

Sta. 11190+26.00
Prop. Type "C" Ent.

-4.0%

-8.0%

569.34
23.20

571.07
18.00

571.31
12.00

571.55
0.00

571.31
12.00

571.07
18.00

556.19
77.06

554.62
72.35

554.62
67.35

TS

CL 10

UNS B

11190+26.17

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.19

10:32:22 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

580 570 560 550 540 530 520 510 500

569.82 23.20 | 571.55 18.00 | 571.79 12.00 | 572.03 0.00 | 571.79 12.00 | 571.55 18.00 | 569.81 23.20

556.16 76.68 | 554.91 72.92 | 554.91 67.92 | 558.80 109.22

TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

UNS B UNS B UNS B UNS B UNS B UNS B

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

11190+50.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.20

10:32:23 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\29061101097\Design\29061062x01.sht

Plank Rd.

580 570 560 550 540 530 520 510 500

569.55 27.00 | 570.82 23.20 | 572.55 18.00 | 572.79 12.00 | 573.03 0.00 | 572.79 12.00 | 572.55 18.00 | 570.82 23.20

560.35 54.56 | 557.23 76.98 | 555.45 77.68

Proposed ROW

556.19 91.80 | 555.41 88.24 | 555.49 69.17

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

UNS B UNS B UNS B UNS B UNS B

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

11191+00.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.21

10:32:24 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

580 570 560 550 540 530 520 510 500

571.74 23.20 | 573.48 18.00 | 573.72 12.00 | 573.96 0.00 | 573.72 12.00 | 573.48 18.00 | 571.74 23.20

561.64 53.50

559.10 61.13

Proposed ROW

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

UNS B UNS B UNS B UNS B UNS B UNS B

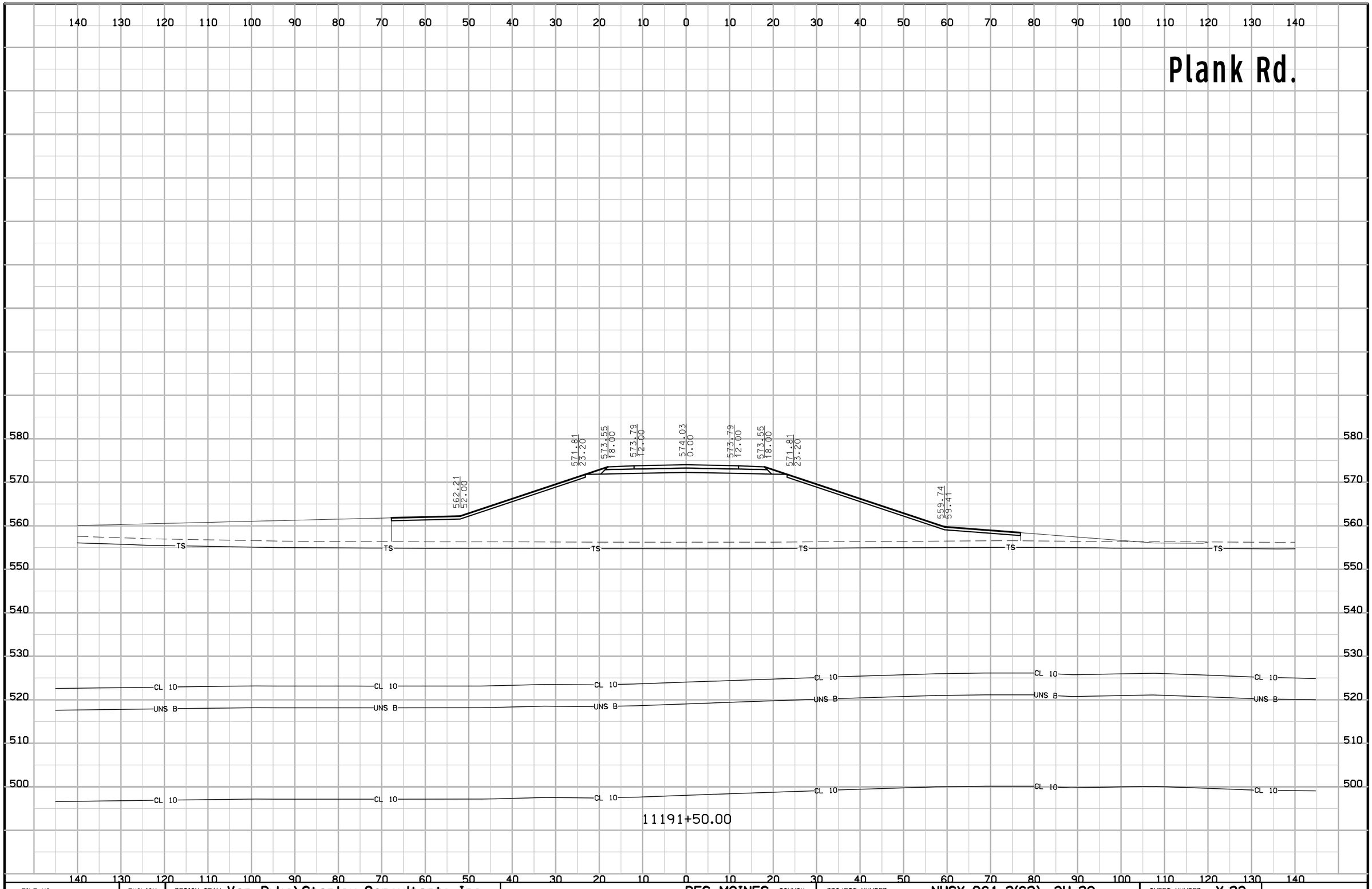
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

11191+46.33

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.22

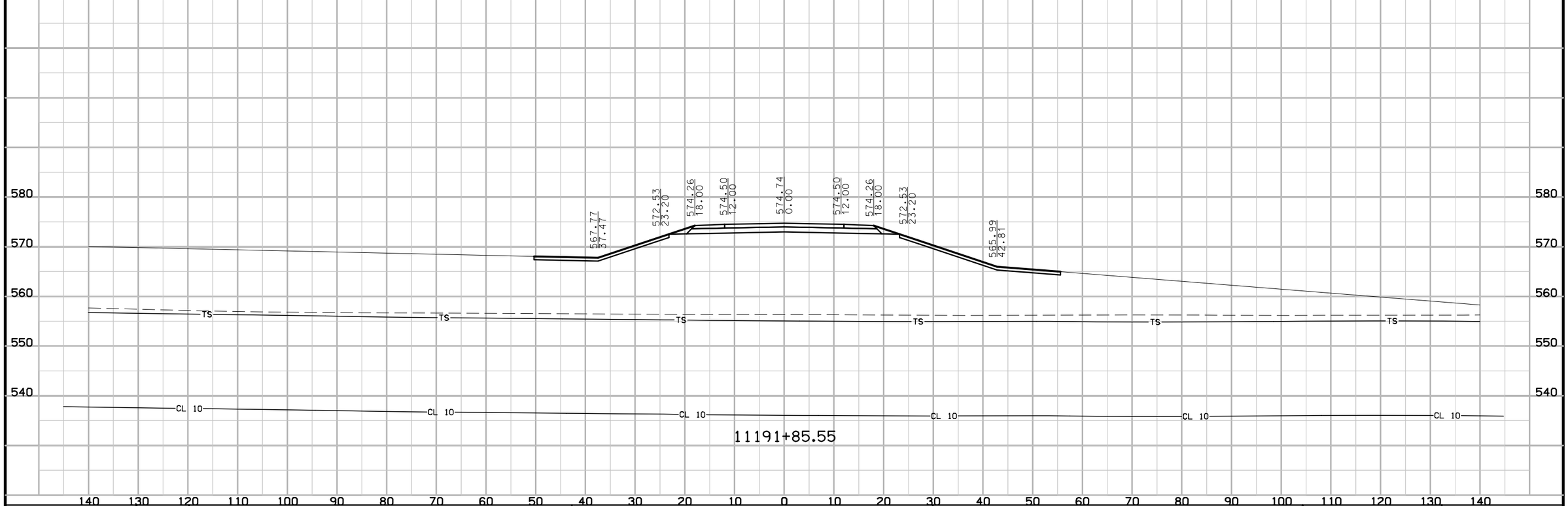
10:32:25 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.23

Plank Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.24

Plank Rd.

570.03
31.44

572.77
23.20

574.51
18.00

574.74
12.00

574.99
0.00

574.75
12.00

574.51
18.00

572.77
23.20

568.53
39.92

TS

CL 10

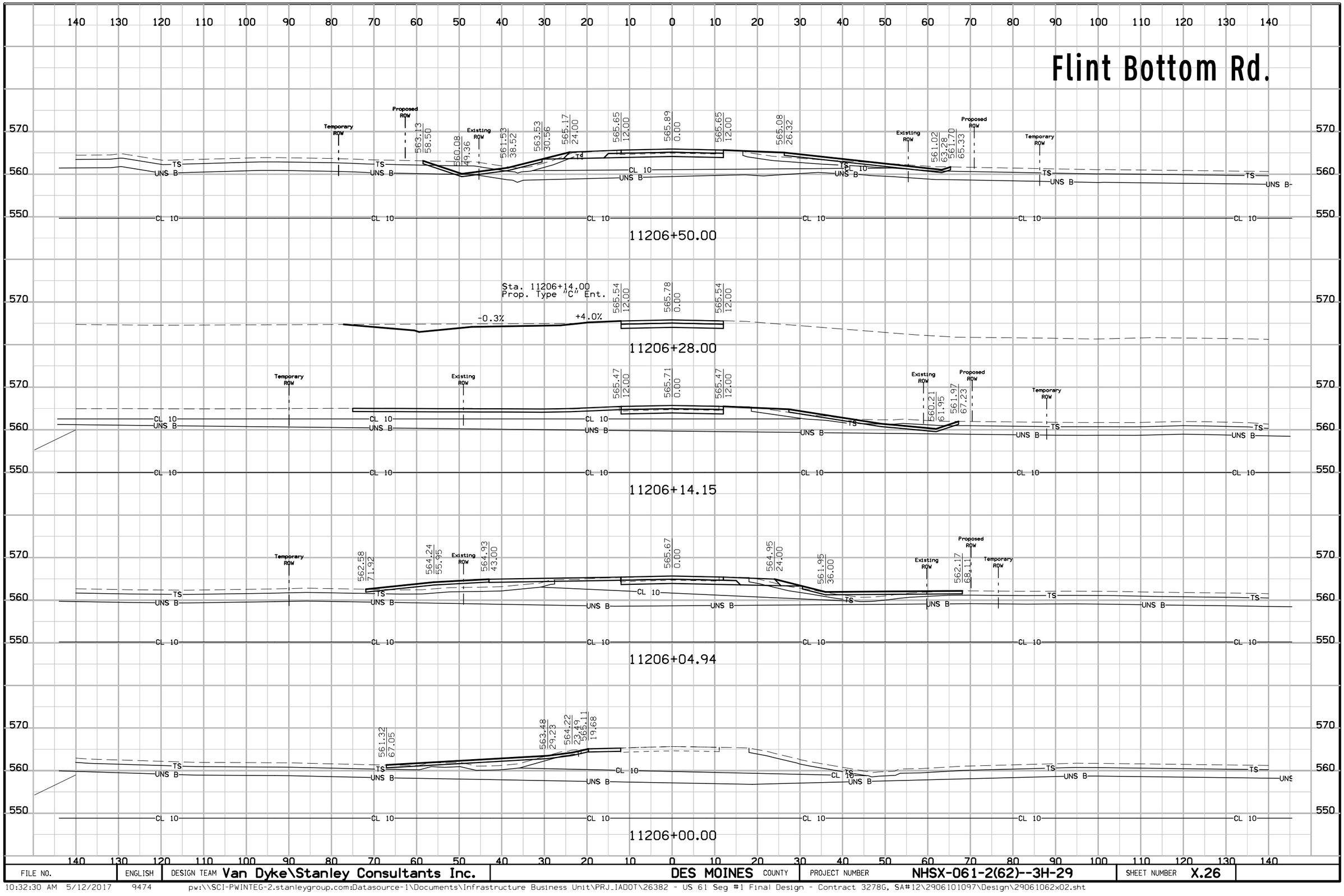
UNS B

11192+00.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.25

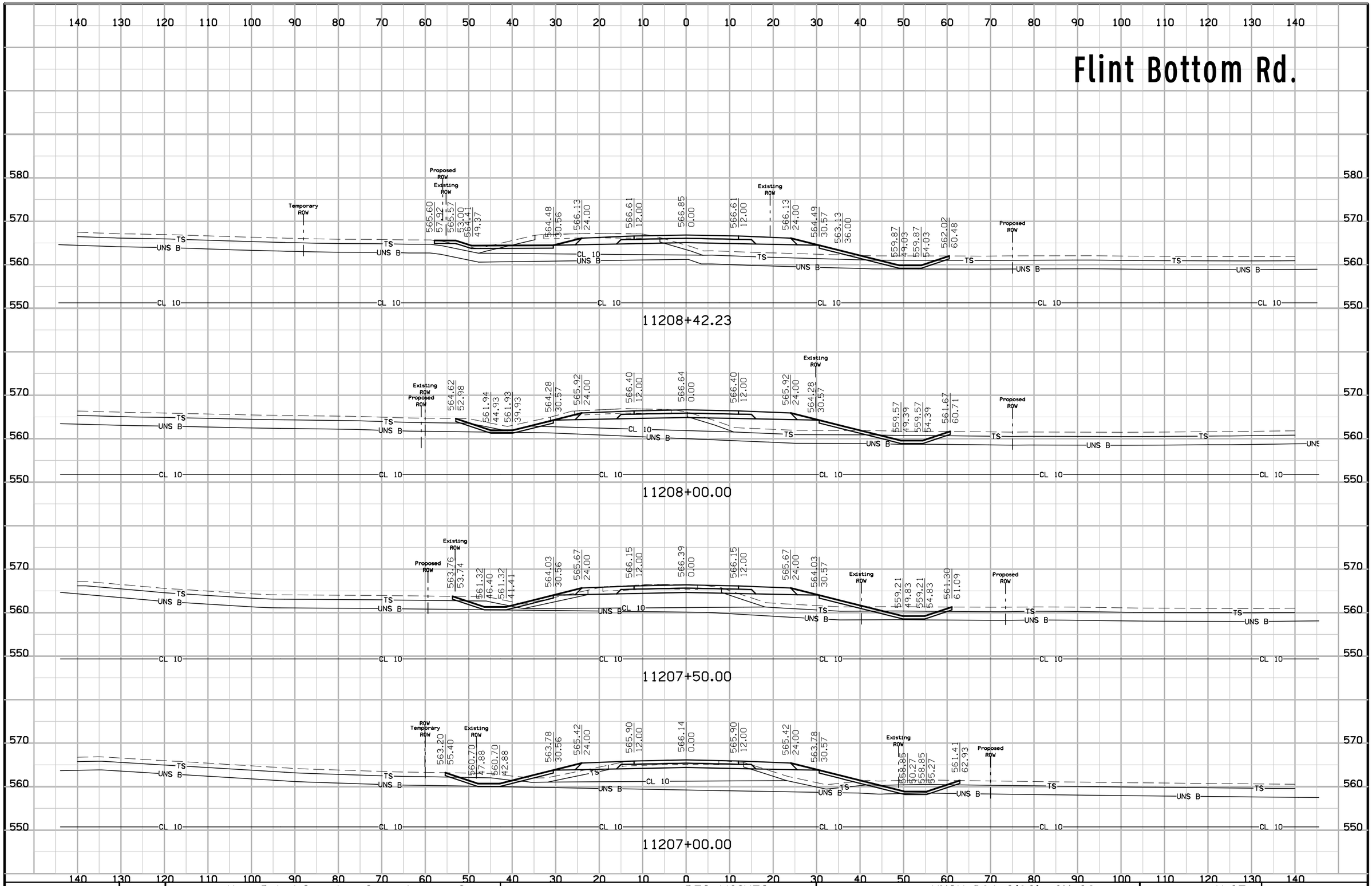
10:32:28 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x01.sht

Flint Bottom Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.26

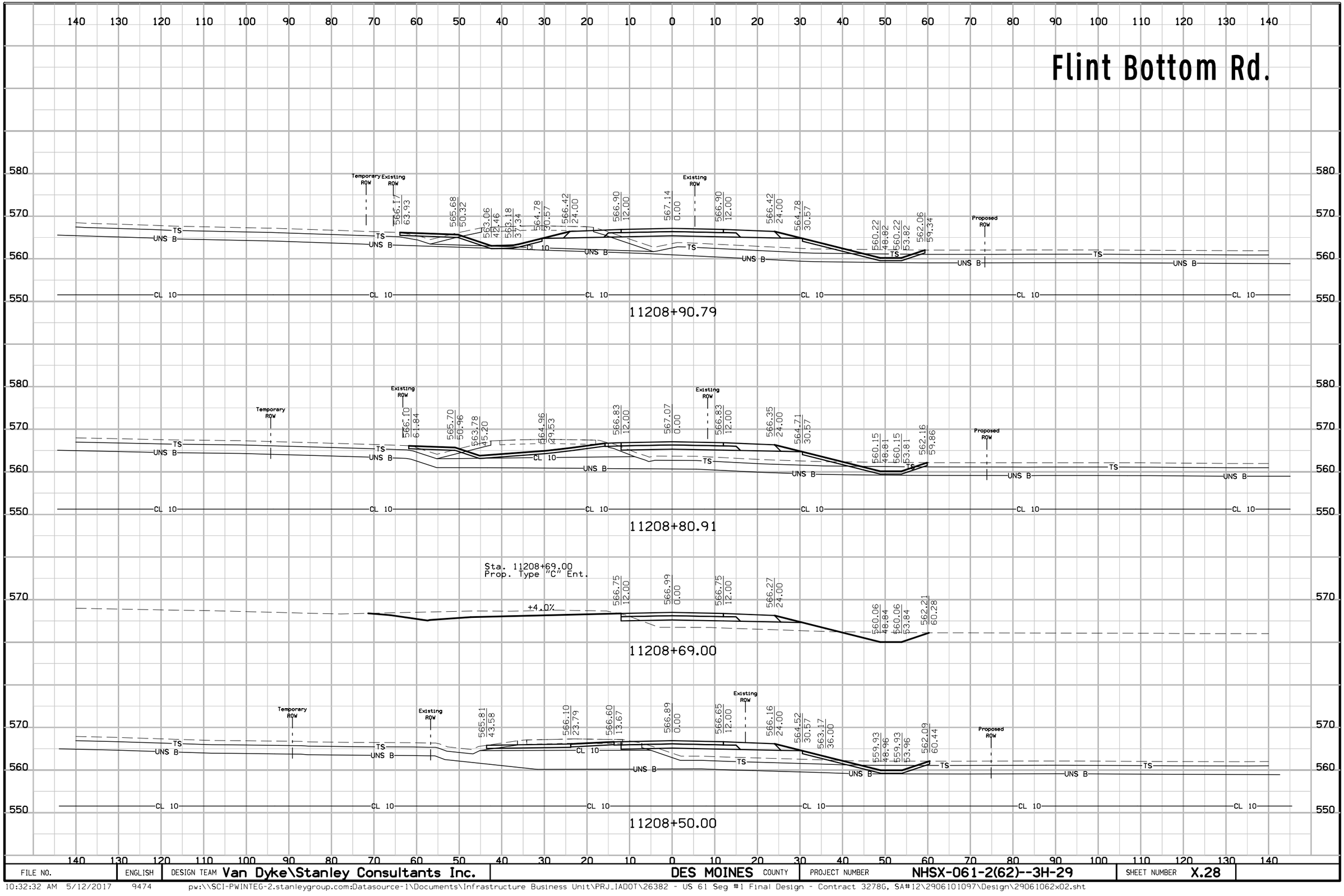
Flint Bottom Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.27

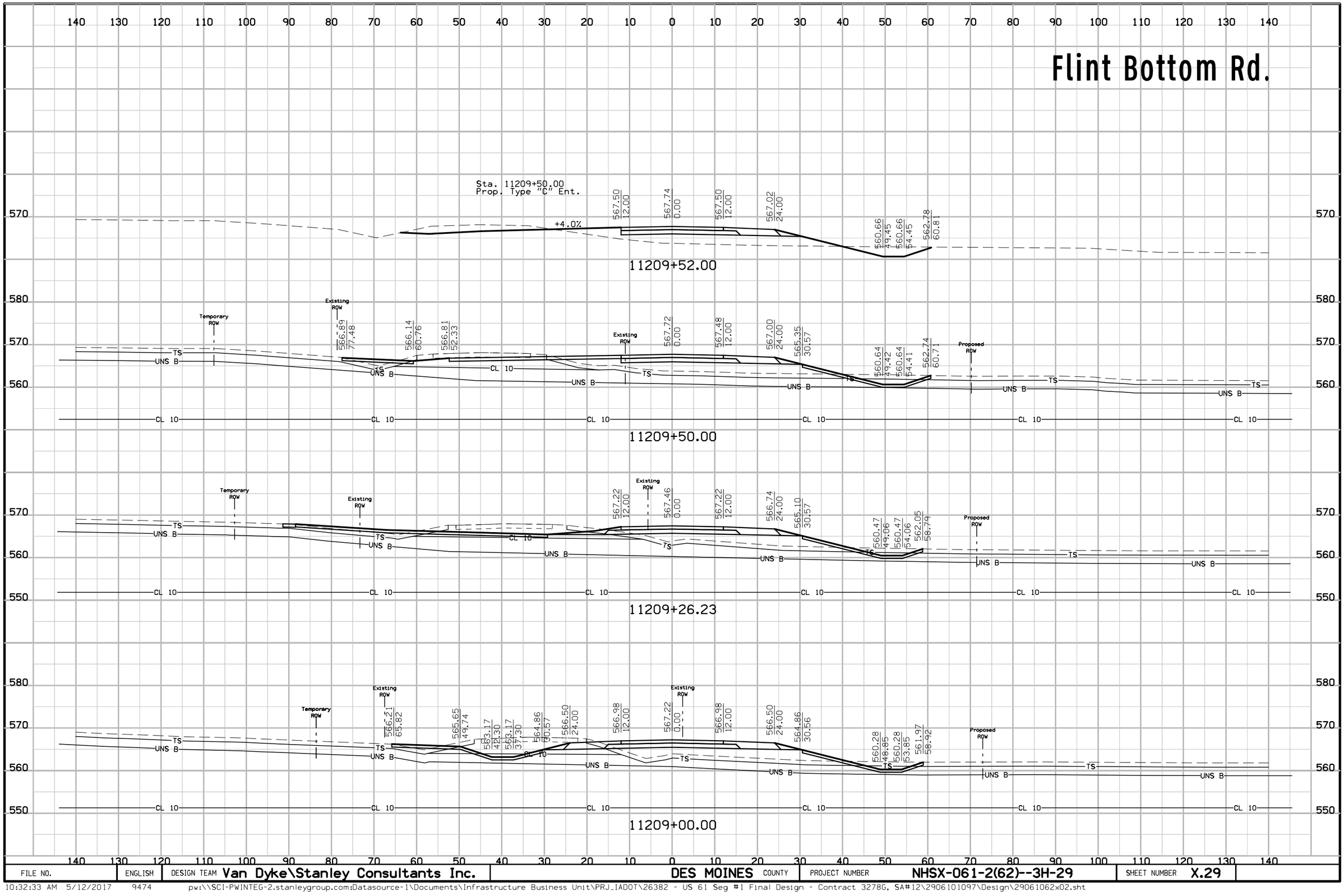
10:32:31 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x02.sht

Flint Bottom Rd.



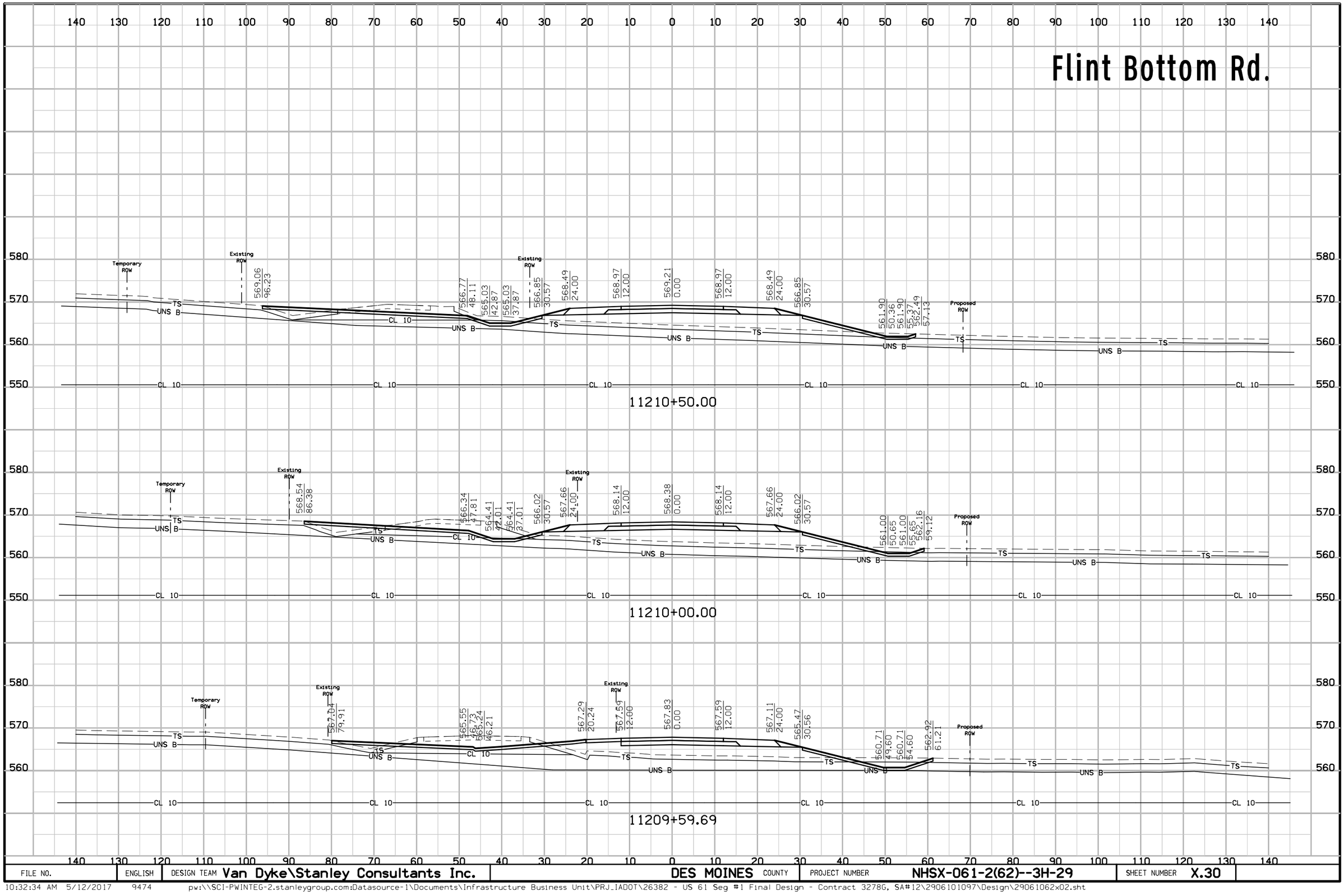
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.28

Flint Bottom Rd.



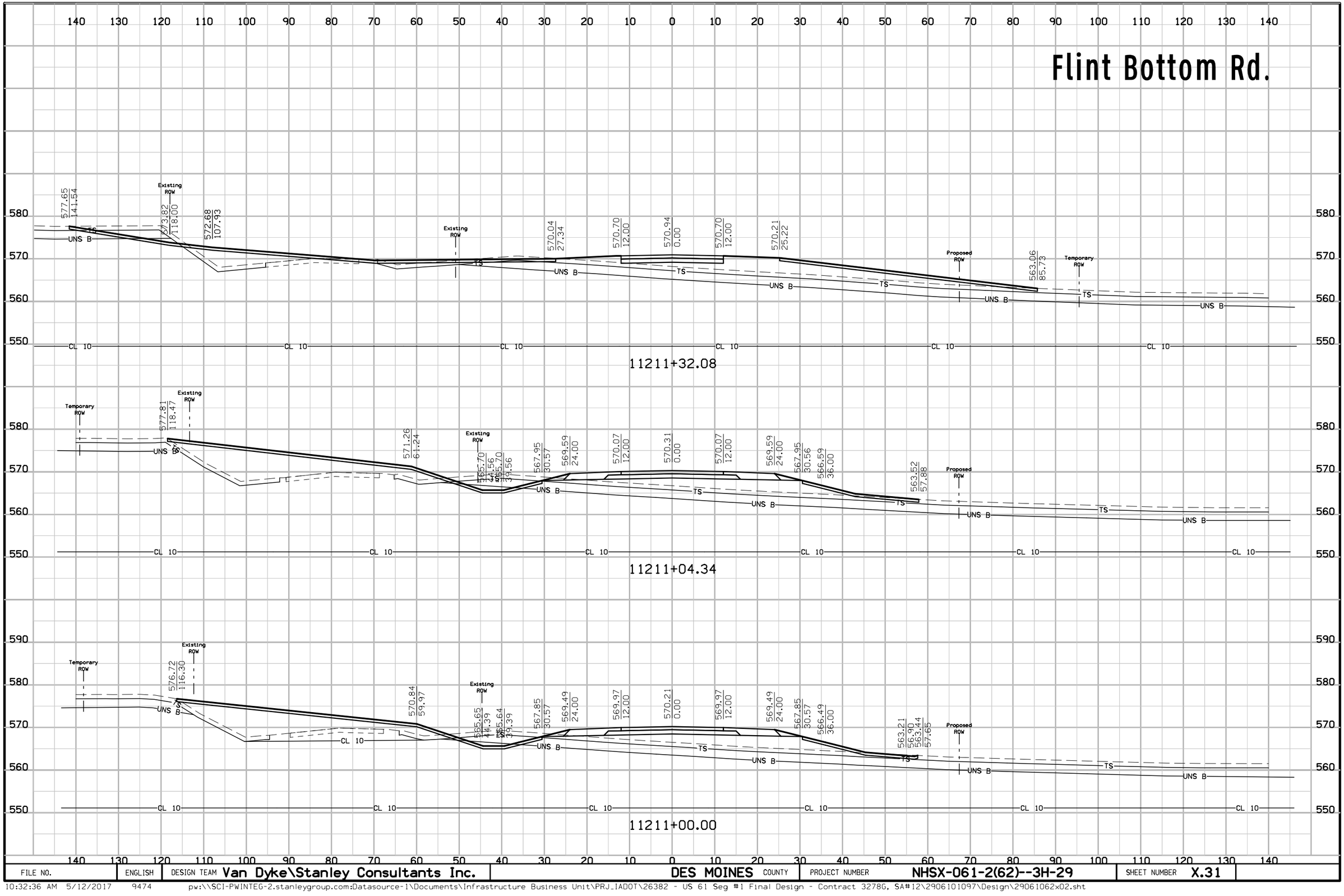
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.29

Flint Bottom Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.30

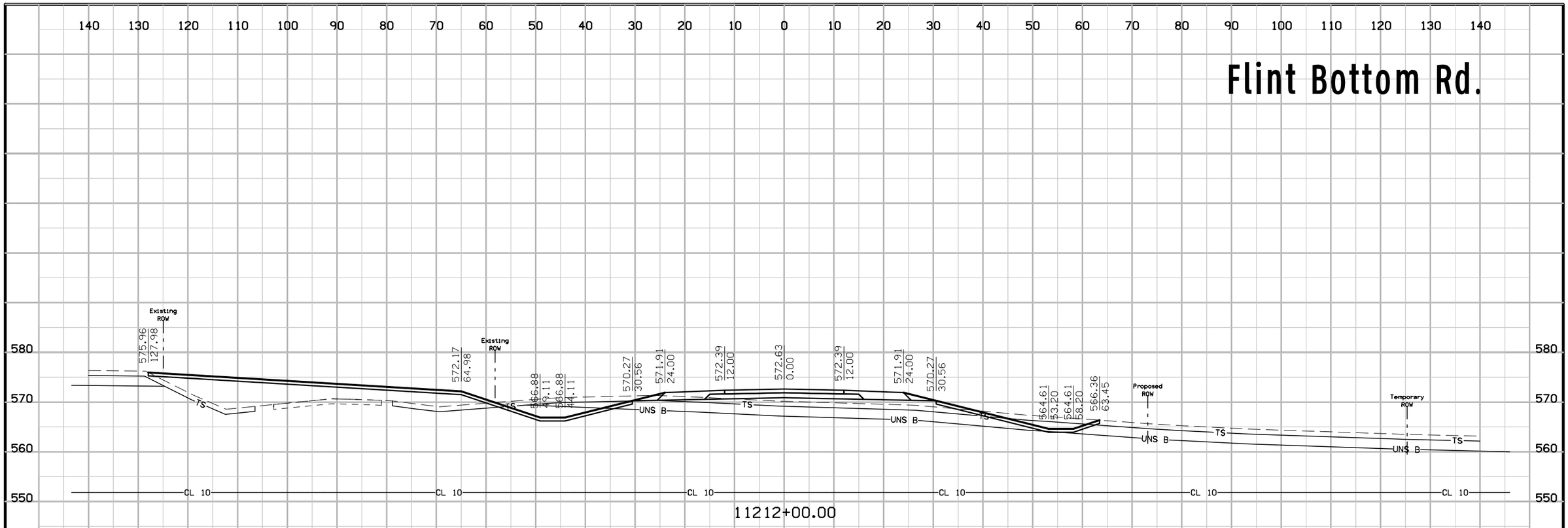
Flint Bottom Rd.



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.31

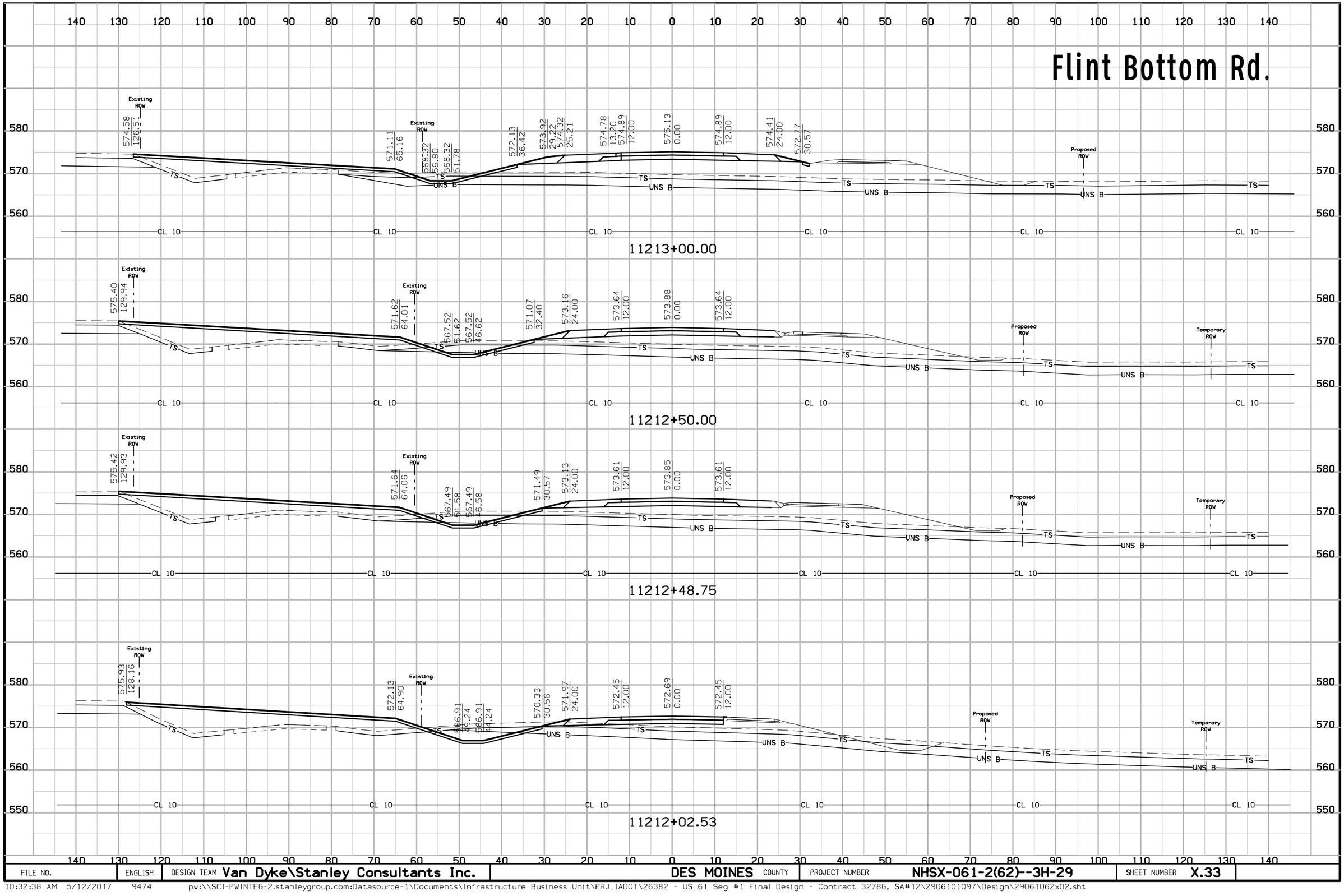
10:32:36 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x02.sht

Flint Bottom Rd.



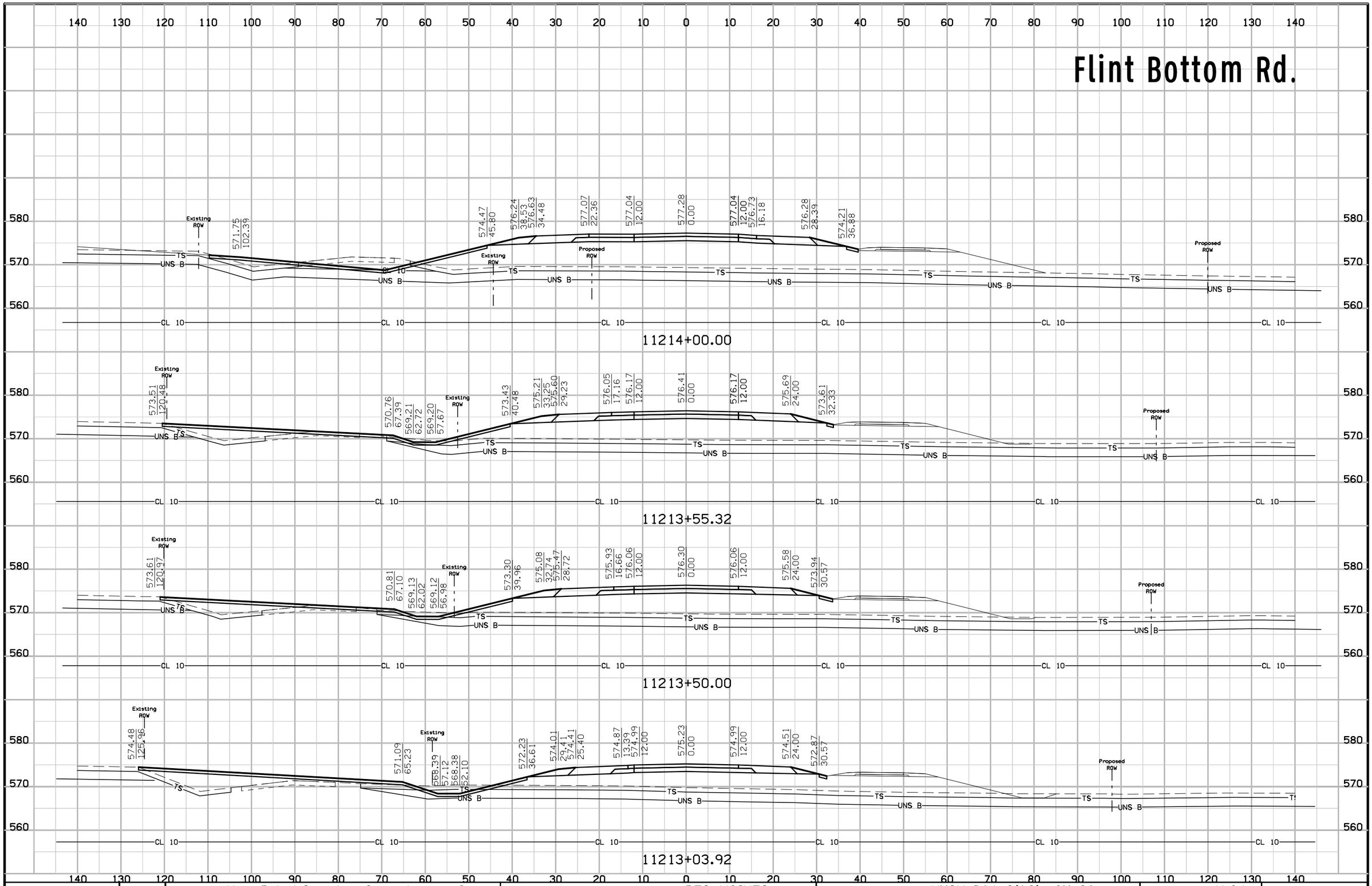
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.32

Flint Bottom Rd.



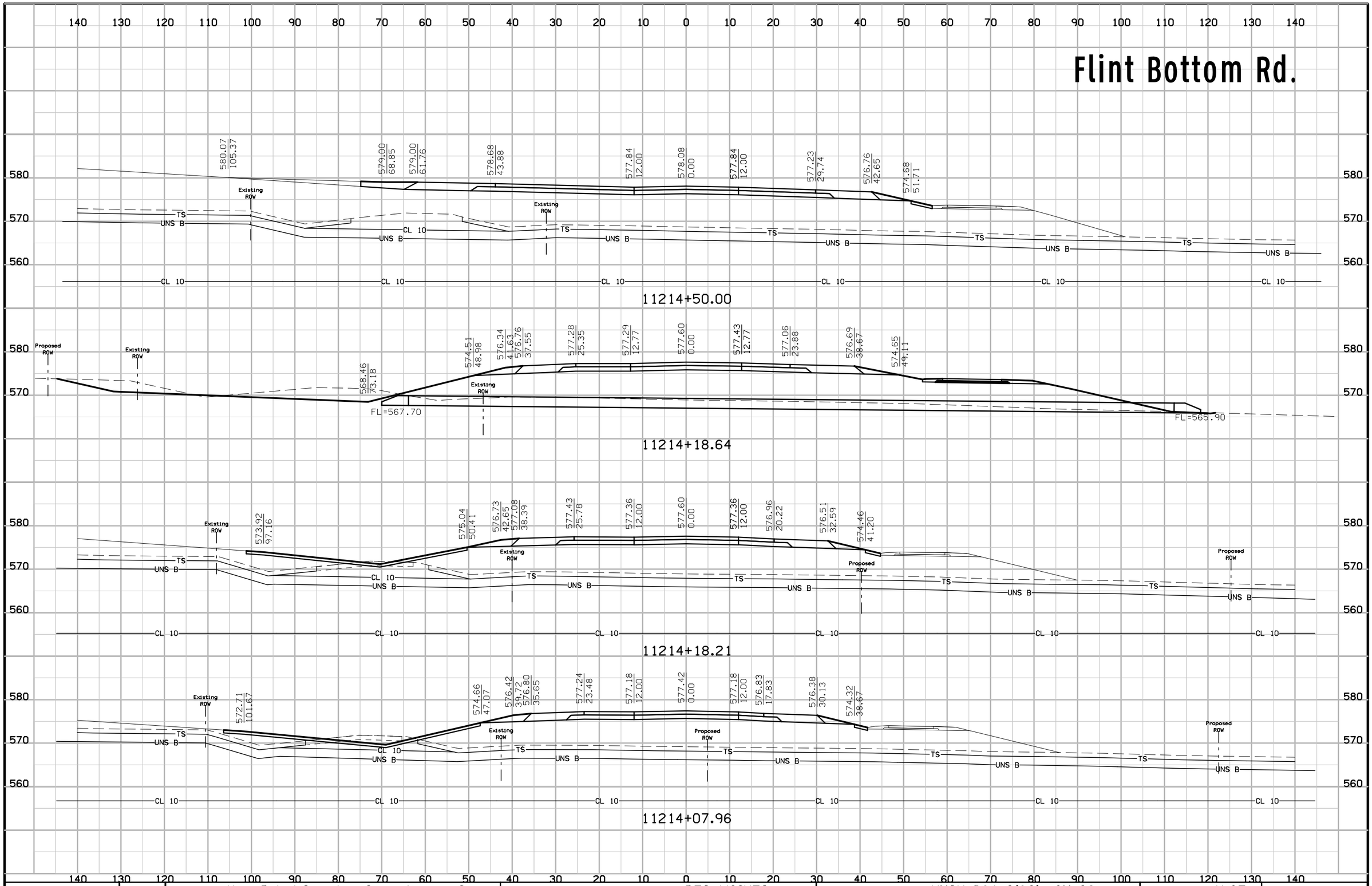
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.33

Flint Bottom Rd.



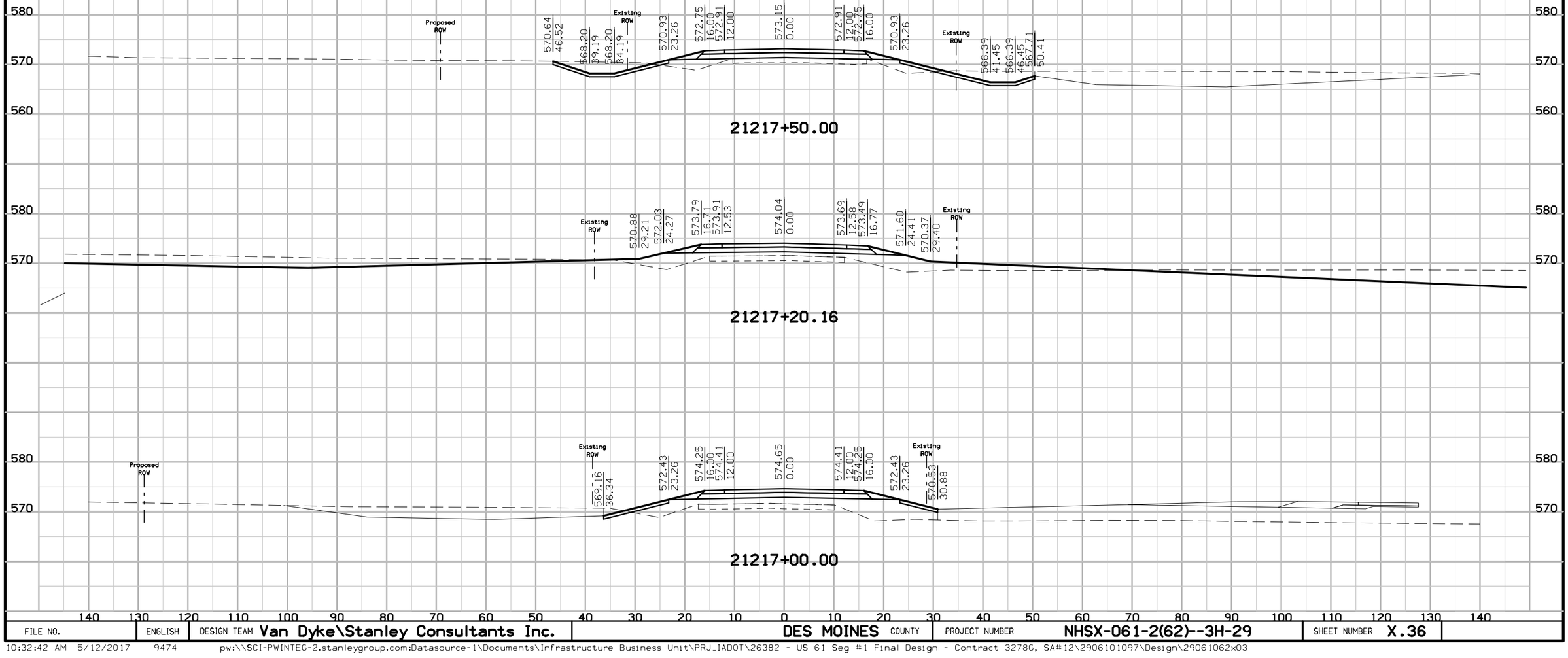
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.34

Flint Bottom Rd.



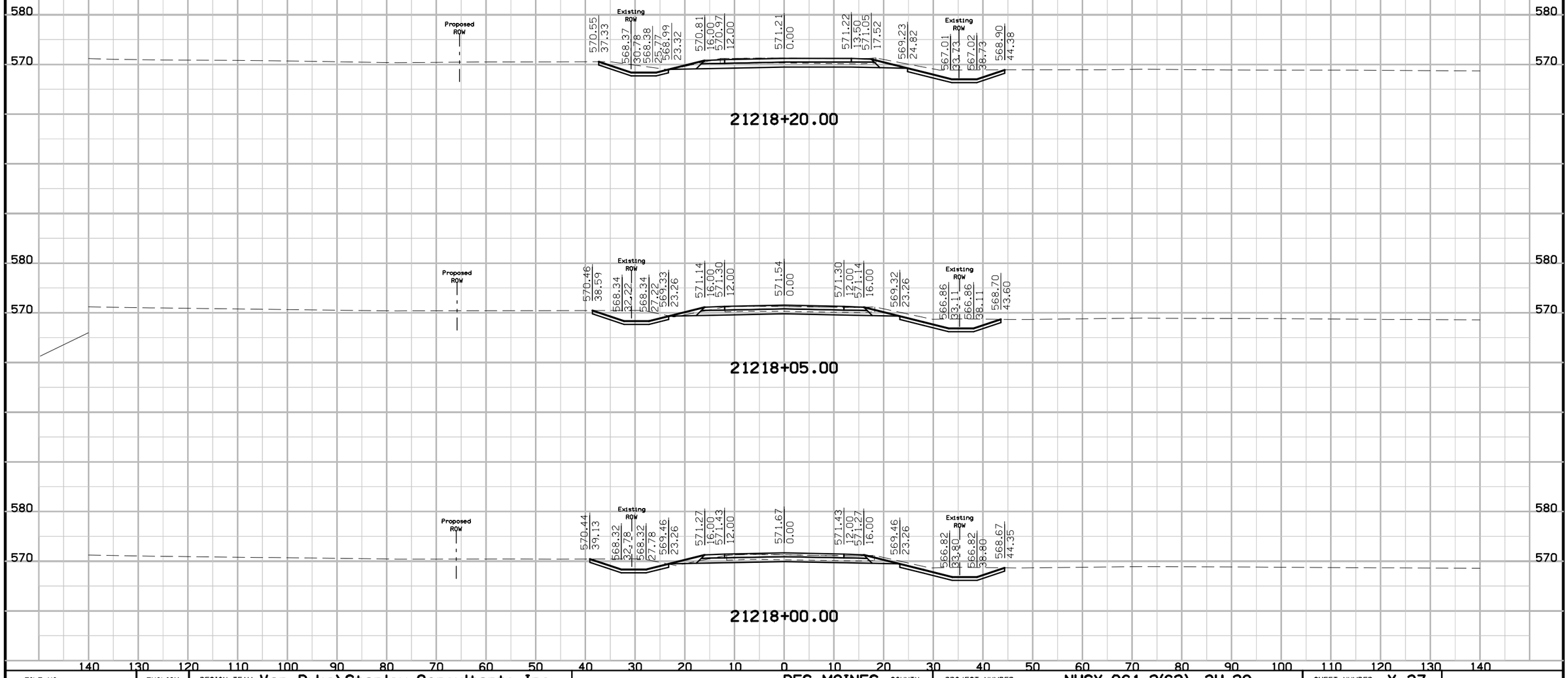
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.35

Flint Bottom Rd Tie



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.36

Flint Bottom Rd Tie



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.37

Flint Bottom Rd Tie

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

580
570

573.47
62.40
571.87
0.00
571.00
44.50
570.88
50.06
569.13
60.80
568.44
65.57

21219+75.00

580
570
560

570.08
76.36
569.80
73.98
570.49
63.14
571.92
50.40
571.92
44.17
571.25
0.00
570.76
29.27
570.61
33.57
568.82
21.47
568.17
44.40
568.20
50.00
569.62
54.81
Existing ROW

21219+50.00

580
570

Proposed ROW
569.92
40.10
568.61
36.20
Existing ROW
568.57
31.32
570.39
24.02
570.55
20.00
570.61
0.00
570.77
21.50
570.60
25.52
Existing ROW
568.78
32.82
567.70
37.16
567.70
42.16
569.43
47.31

21219+00.00

580
570

Proposed ROW
570.05
37.64
568.45
32.85
Existing ROW
568.45
27.84
568.83
26.32
570.65
19.02
570.81
15.00
570.75
0.00
571.05
16.50
570.88
20.52
569.07
27.82
Existing ROW
567.27
35.02
567.27
40.02
569.02
45.23

21218+50.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.38

Tanner Ln

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

670
660
650
640

657.34 / 30.85 / 657.30 / 26.37
662.75 / 10.00
663.05 / 0.00
662.77 / 10.00
656.91 / 27.88
FL=657.30
FL=656.90
Temporary ROW
Temporary ROW
Temporary ROW
Temporary ROW

11250+60.00

TS
CL 10

657.83 / 26.21 / 657.83 / 24.01
662.50 / 10.00
662.80 / 0.00
662.50 / 10.00
657.63 / 24.60
657.63 / 29.48
Temporary ROW
Temporary ROW
Temporary ROW
Temporary ROW

11250+50.00

658.17 / 23.27 / 658.17 / 22.57
662.36 / 10.00
662.66 / 0.00
662.36 / 10.00
658.09 / 22.78 / 658.10 / 25.80
Temporary ROW
Temporary ROW
Temporary ROW
Temporary ROW

11250+43.67

662.15 / 4.30
662.07 / 0.00
661.94 / 6.30
Temporary ROW
Temporary ROW
Temporary ROW
Temporary ROW

11250+00.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.39

10:32:47 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x04

Tanner Ln

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

670 660 650 640

657.88 / 56.20 — 657.81 / 41.39 — 657.41 / 40.20 — 657.41 / 30.20 — 664.14 / 10.00 — 664.44 / 0.00 — 664.57 / 49.18

Temporary ROW — Temporary ROW — TS — CL 10

11251+00.00

657.80 / 40.85 — 657.79 / 38.85 — 657.34 / 37.49 — 657.34 / 27.49 — 663.17 / 10.00 — 663.47 / 0.00 — 663.28 / 10.00 — 663.23 / 13.61 — 658.90 / 31.42 — 658.90 / 32.80 — 660.78 / 38.44

Temporary ROW — Temporary ROW — Temporary ROW — TS — CL 10

11250+73.67

657.33 / 36.42 — 657.32 / 27.09 — 663.02 / 10.00 — 663.32 / 0.00 — 663.02 / 10.00 — 663.07 / 11.78 — 658.23 / 28.87 — 658.23 / 34.38 — 659.40 / 37.88

Temporary ROW — Temporary ROW — Temporary ROW — TS — CL 10

11250+69.10

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.40

10:32:48 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x04

Tanner Ln

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

680 670 660 650 640

658.09
97.19

660.89
45.41

672.69
10.00

672.89
0.00

672.69
10.00

667.69
24.99

667.69
34.99

671.64
46.83

TS

CL 10

11252+50.00

658.07
94.30

657.89
56.63

657.68
56.02

657.68
46.02

669.69
10.00

669.89
0.00

669.69
10.00

665.88
21.41

665.88
31.42

666.42
35.02

11252+00.00

658.00
80.76

657.84
48.32

657.55
47.43

657.55
37.43

666.69
10.00

666.89
0.00

666.69
10.00

664.00
22.29

664.01
44.77

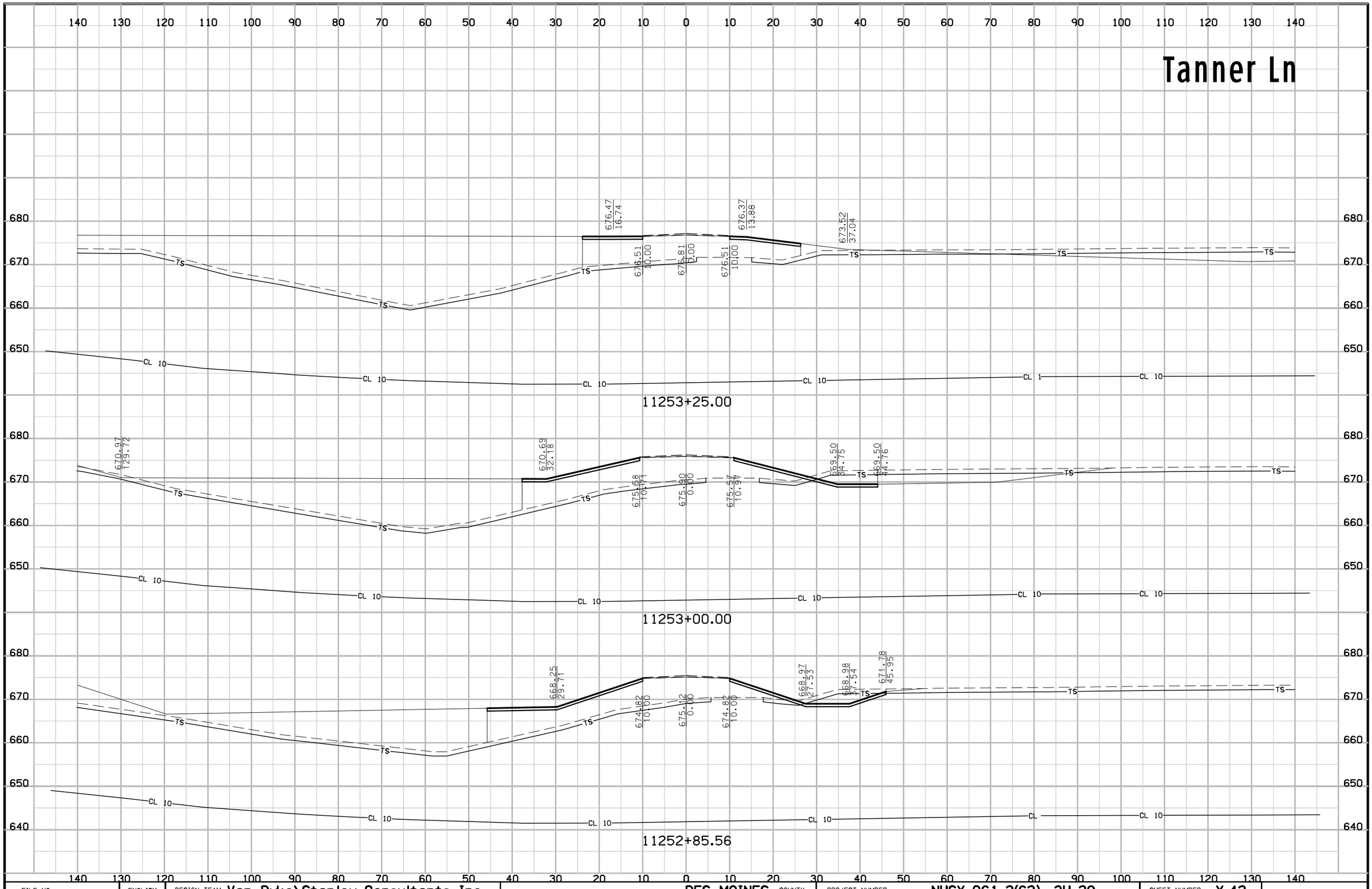
Temporary ROW
Temporary ROW

11251+50.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.41

10:32:49 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x04

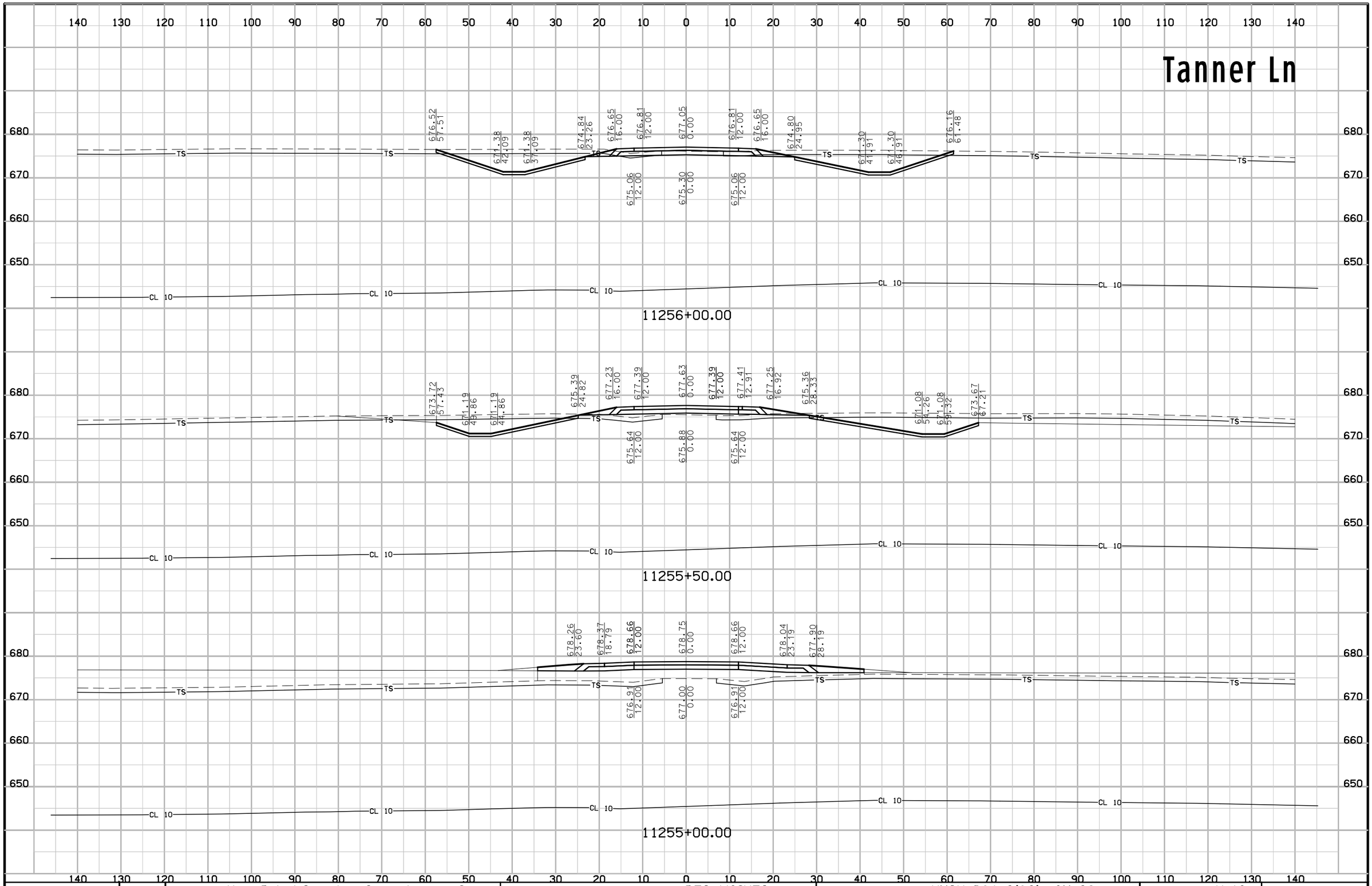
Tanner Ln



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.42

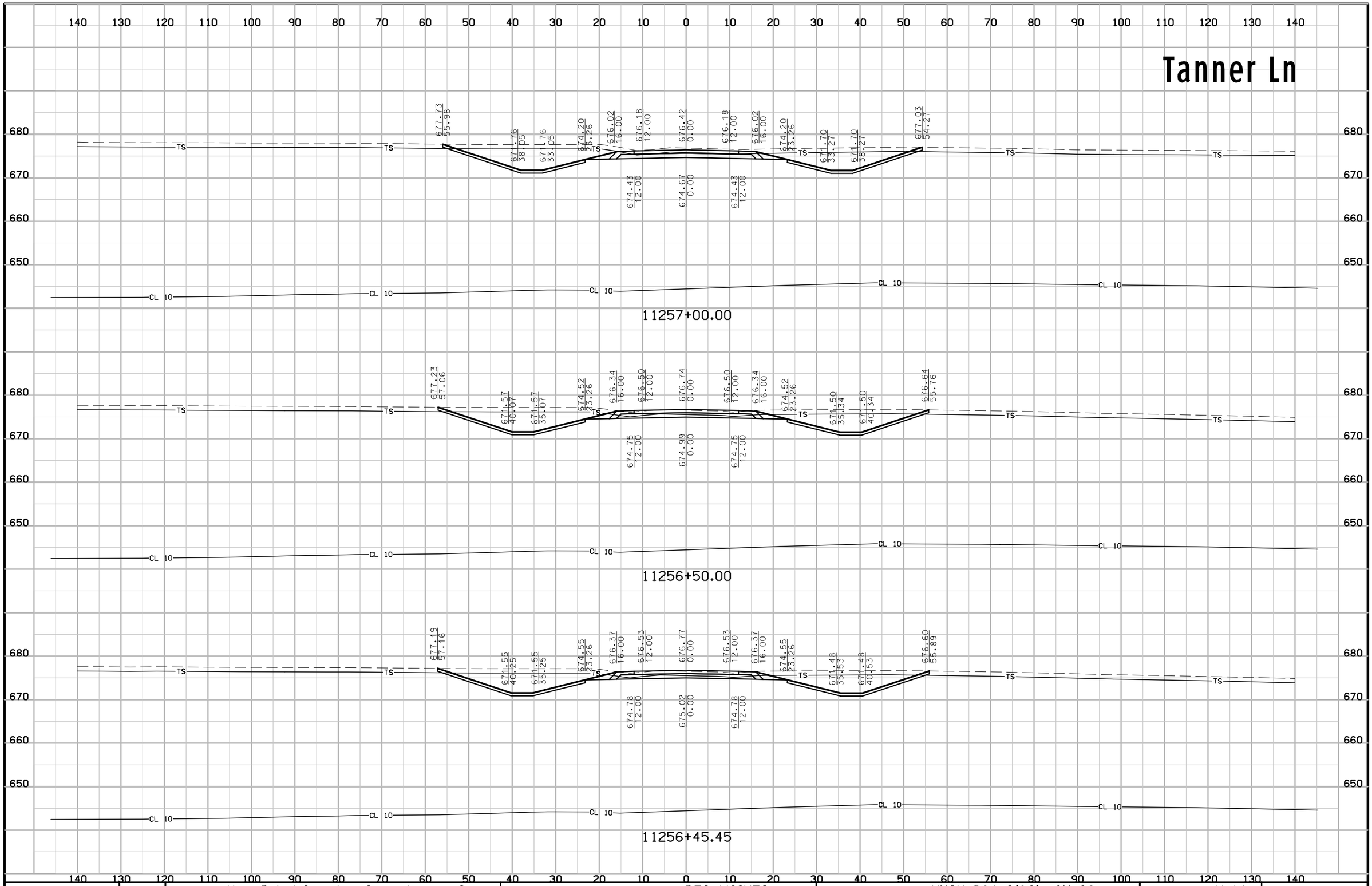
10:32:50 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x04

Tanner Ln



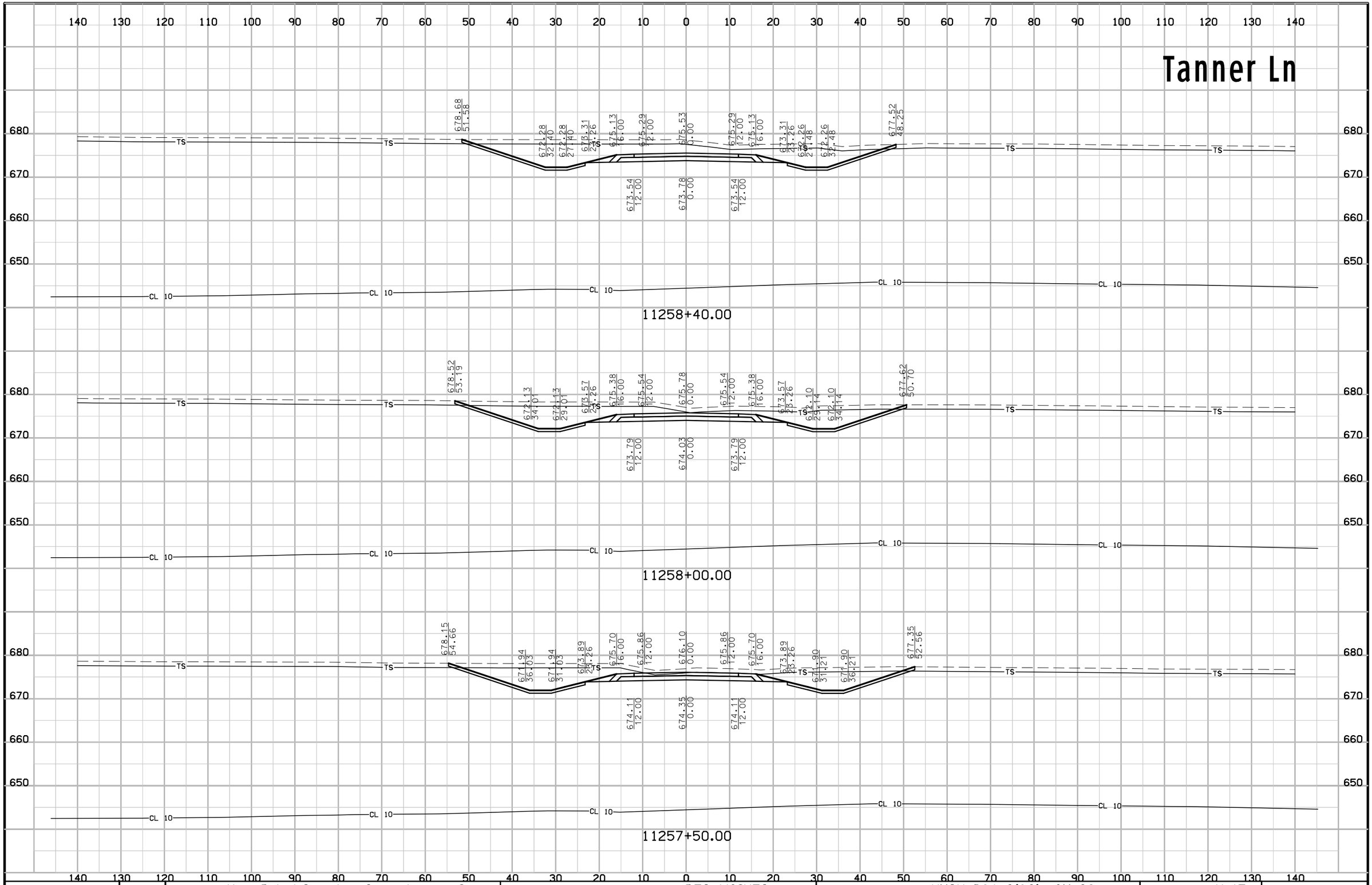
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.43

Tanner Ln



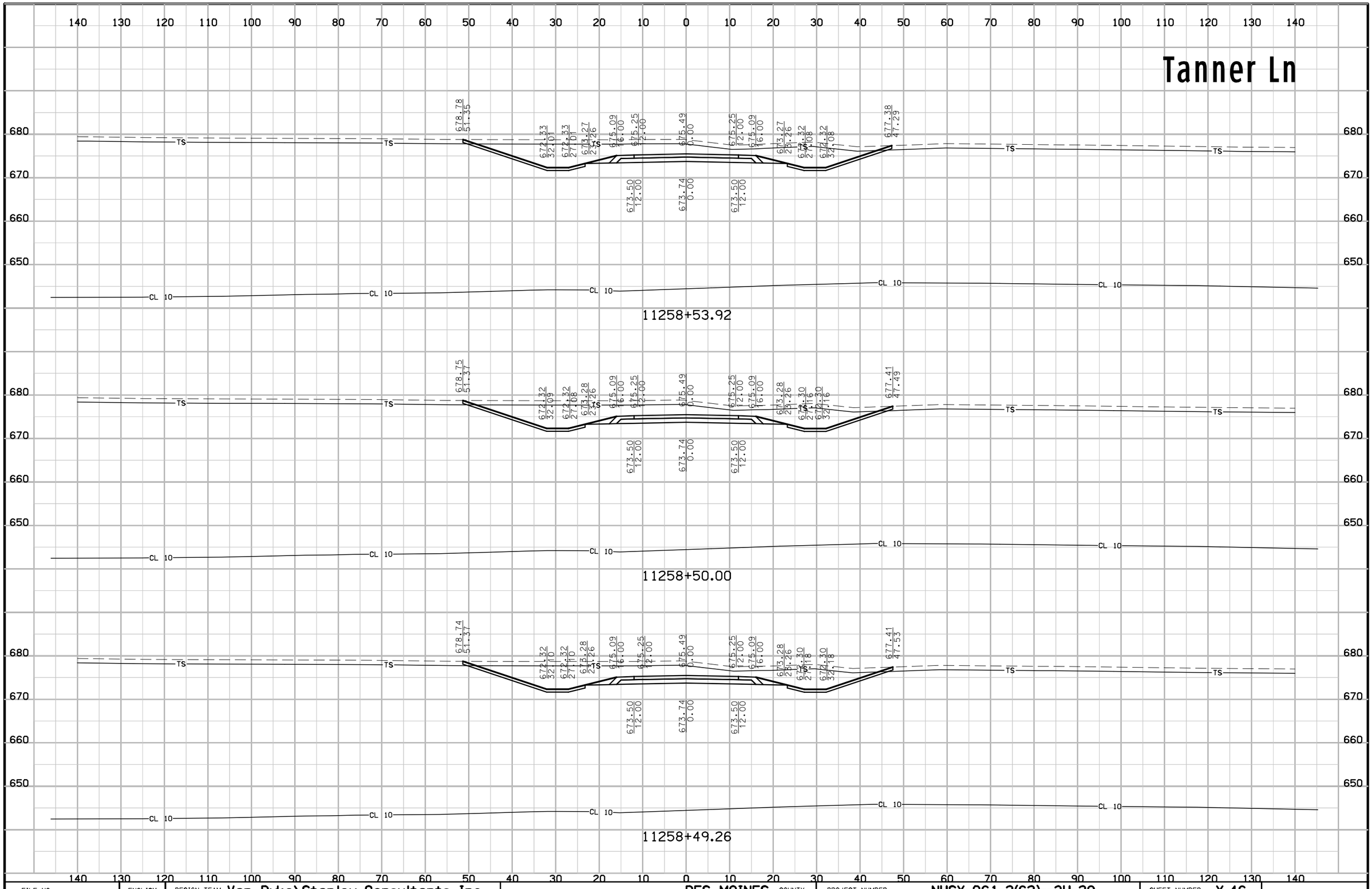
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.44

Tanner Ln



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.45

Tanner Ln



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.46

Tanner Ln

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

680 670 660 650

676.09 21.91 | 677.56 16.00 | 677.72 12.00 | 677.59 0.00 | 677.30 12.00 | 677.14 16.00 | 675.27 23.46

675.97 12.00 | 675.84 0.00 | 675.55 12.00

TS TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

11259+50.00

674.86 36.02 | 673.85 33.00 | 673.85 28.00 | 675.21 22.56 | 676.85 16.00 | 677.01 12.00 | 677.07 0.00 | 676.80 12.00 | 676.64 16.00 | 674.80 23.36 | 672.74 31.58

675.26 12.00 | 675.32 0.00 | 675.06 12.00

TS TS TS TS TS TS TS

FL=673.80 FL=672.60

680 670 660 650

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

11259+37.23

678.03 49.82 | 672.51 33.25 | 672.51 28.26 | 673.75 22.26 | 675.57 16.00 | 675.73 12.00 | 675.97 0.00 | 675.73 12.00 | 675.57 16.00 | 673.76 22.26 | 672.50 28.28 | 672.50 33.28 | 677.45 48.14

673.98 12.00 | 674.22 0.00 | 673.98 12.00

Existing ROW

TS TS TS TS TS TS TS

680 670 660 650

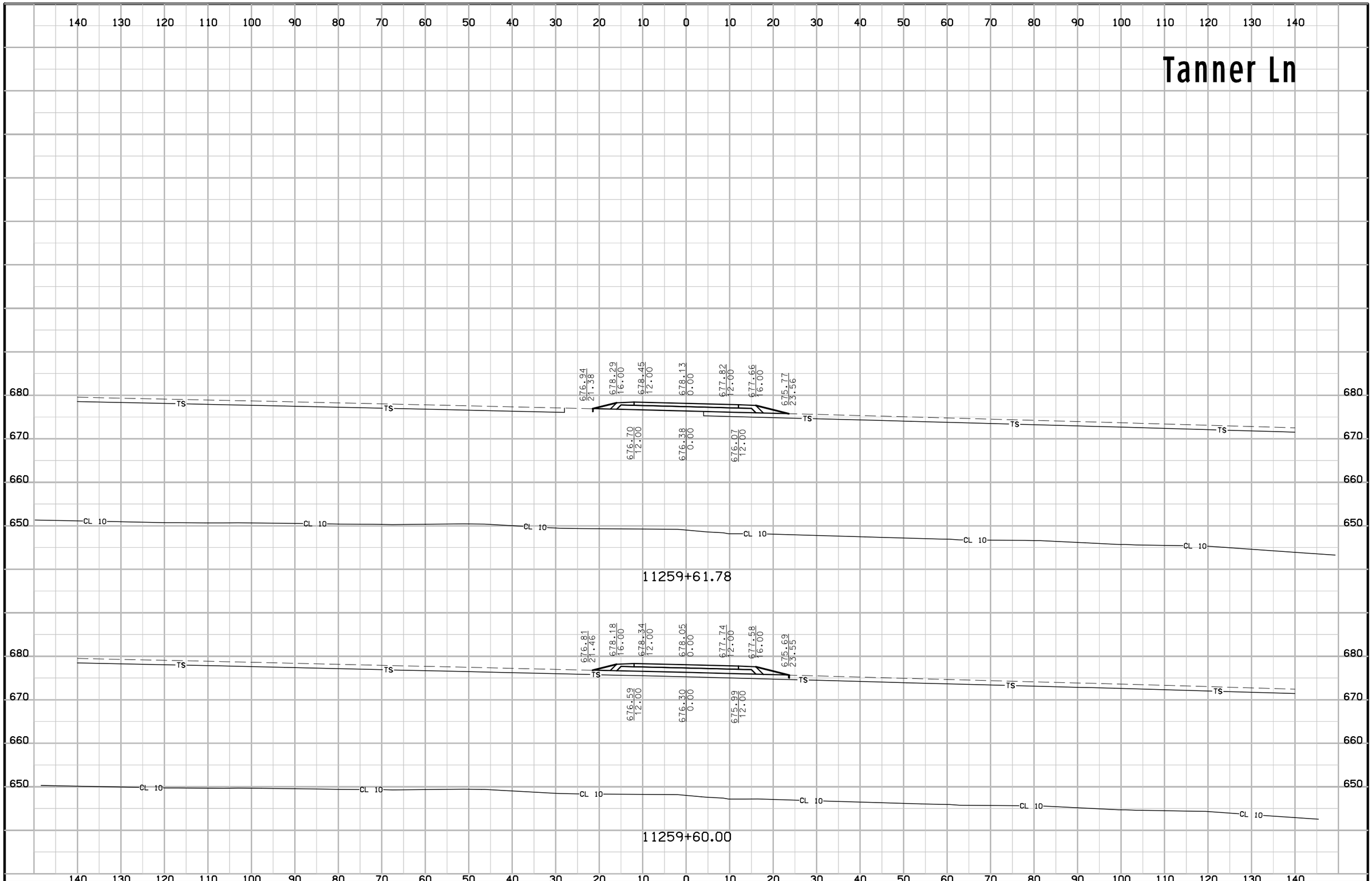
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

11259+00.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

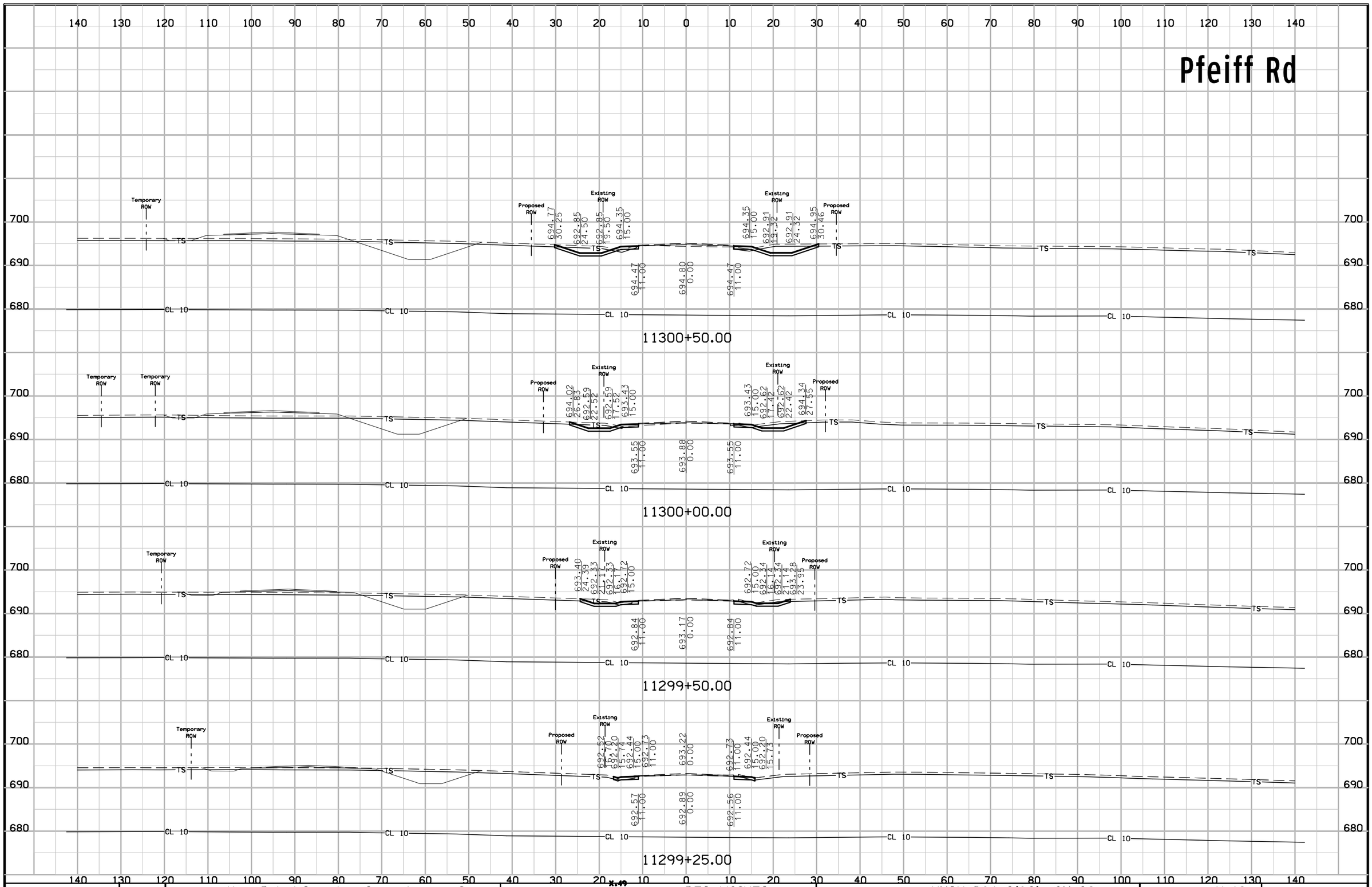
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.47

Tanner Ln

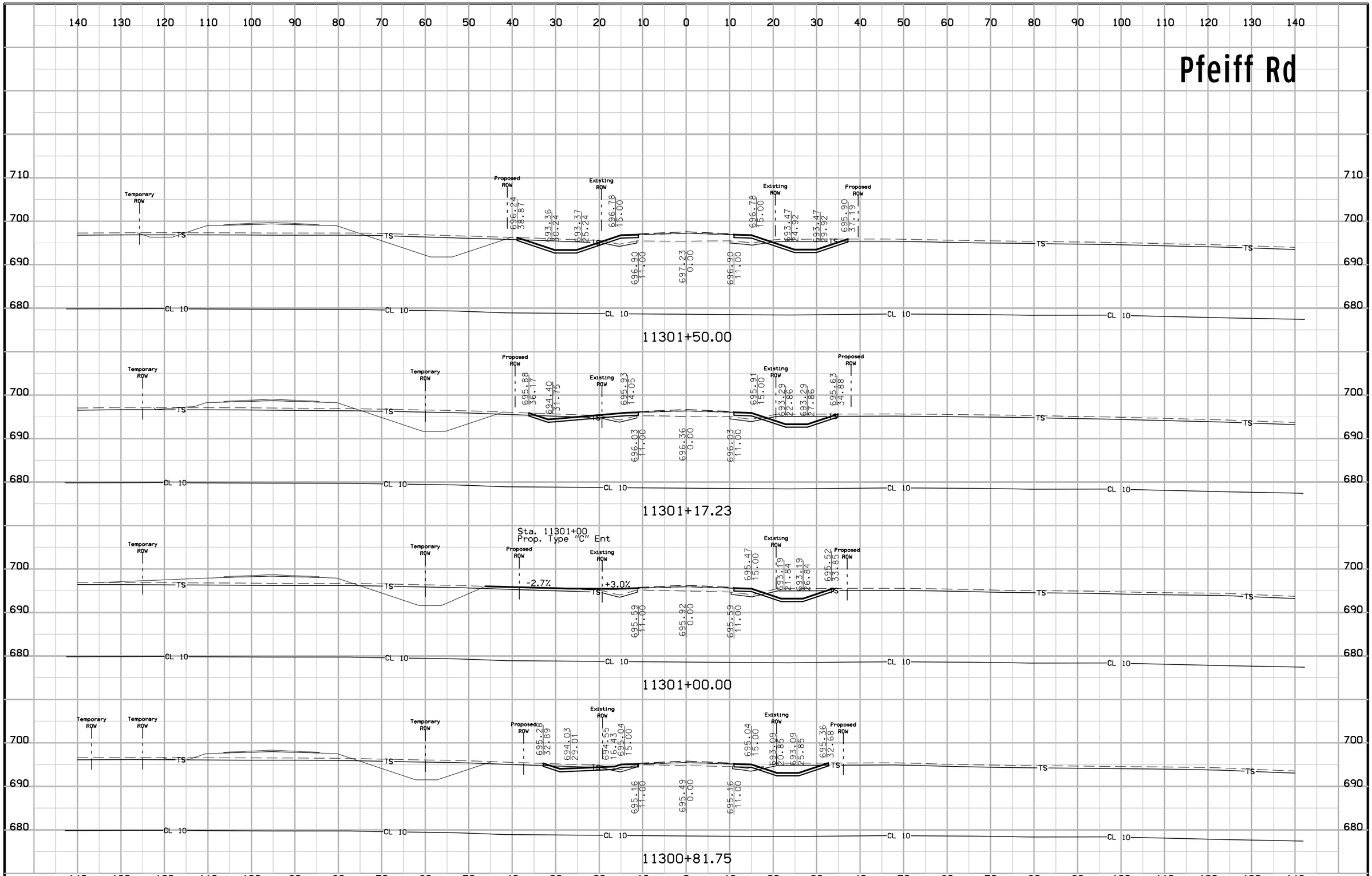


FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.48

Pfeiff Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	X.49	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.49



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.50

10:32:59 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x05

Pfeiff Rd

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

710
700
690
680

Proposed ROW | 694.49 | 40.95 | 694.14 | 89.90 | 694.14 | 84.90
Existing ROW | 700.78 | 15.00
700.90 | 11.00
701.23 | 0.00
700.90 | 11.00
700.78 | 15.00
Existing ROW | 696.71 | 27.17
Proposed ROW | 695.38 | 42.55 | 695.00 | 45.00

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

11303+00.00

Proposed ROW | 695.03 | 40.12 | 693.88 | 56.68 | 693.88 | 51.68
Existing ROW | 699.44 | 15.00
699.56 | 11.00
699.89 | 0.00
699.56 | 11.00
699.44 | 15.00
Existing ROW | 694.04 | 31.22 | 694.04 | 36.22
Proposed ROW | 695.95 | 41.96

11302+50.00

Temporary ROW
Proposed ROW | 695.75 | 39.85 | 693.62 | 33.46 | 693.62 | 18.46
Existing ROW | 698.11 | 15.00
698.23 | 11.00
698.56 | 0.00
698.23 | 11.00
698.11 | 15.00
Existing ROW | 693.75 | 28.07 | 693.75 | 33.07 | 695.74 | 39.02
Proposed ROW

11302+00.00

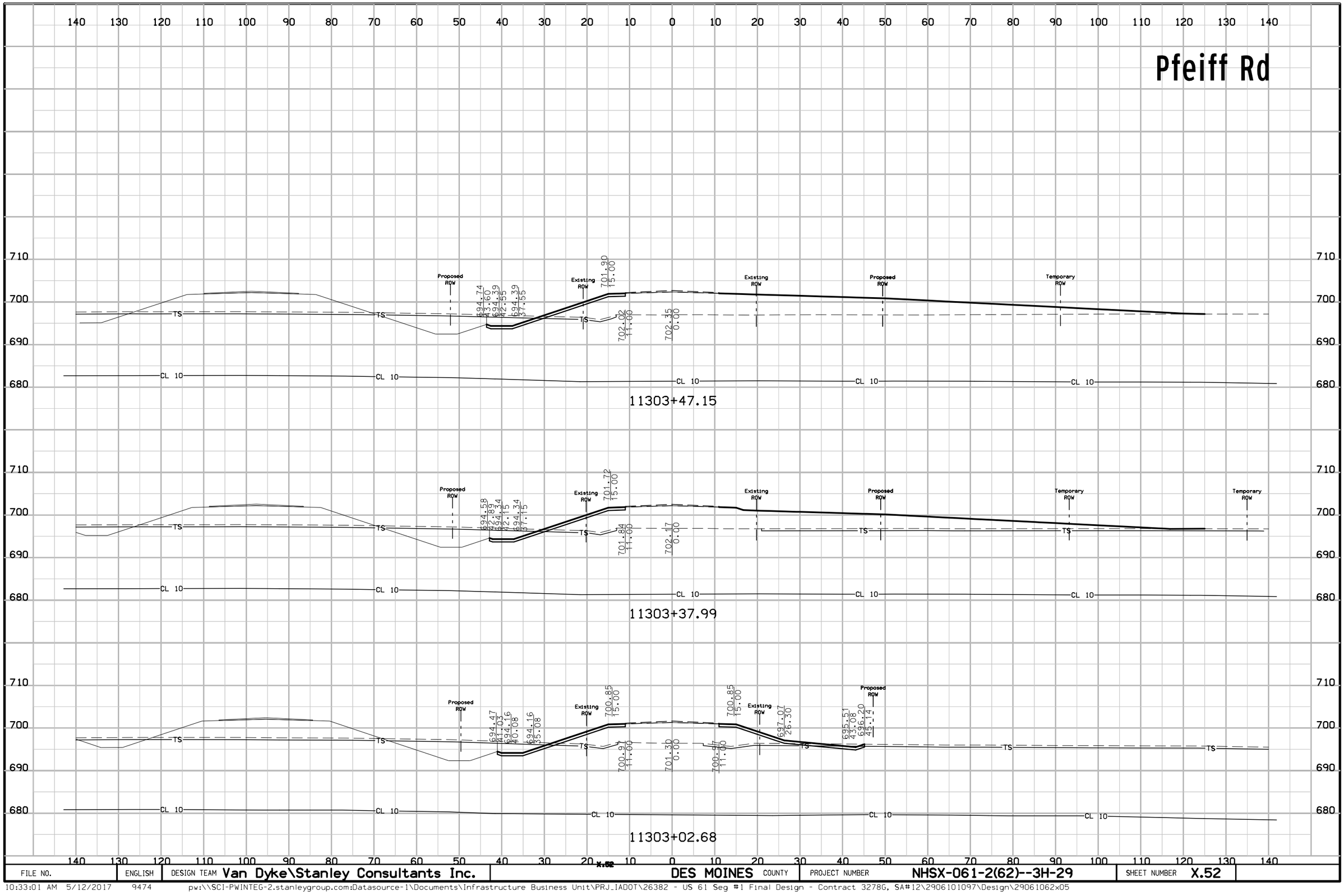
140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

X.51

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.51

10:33:00 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x05

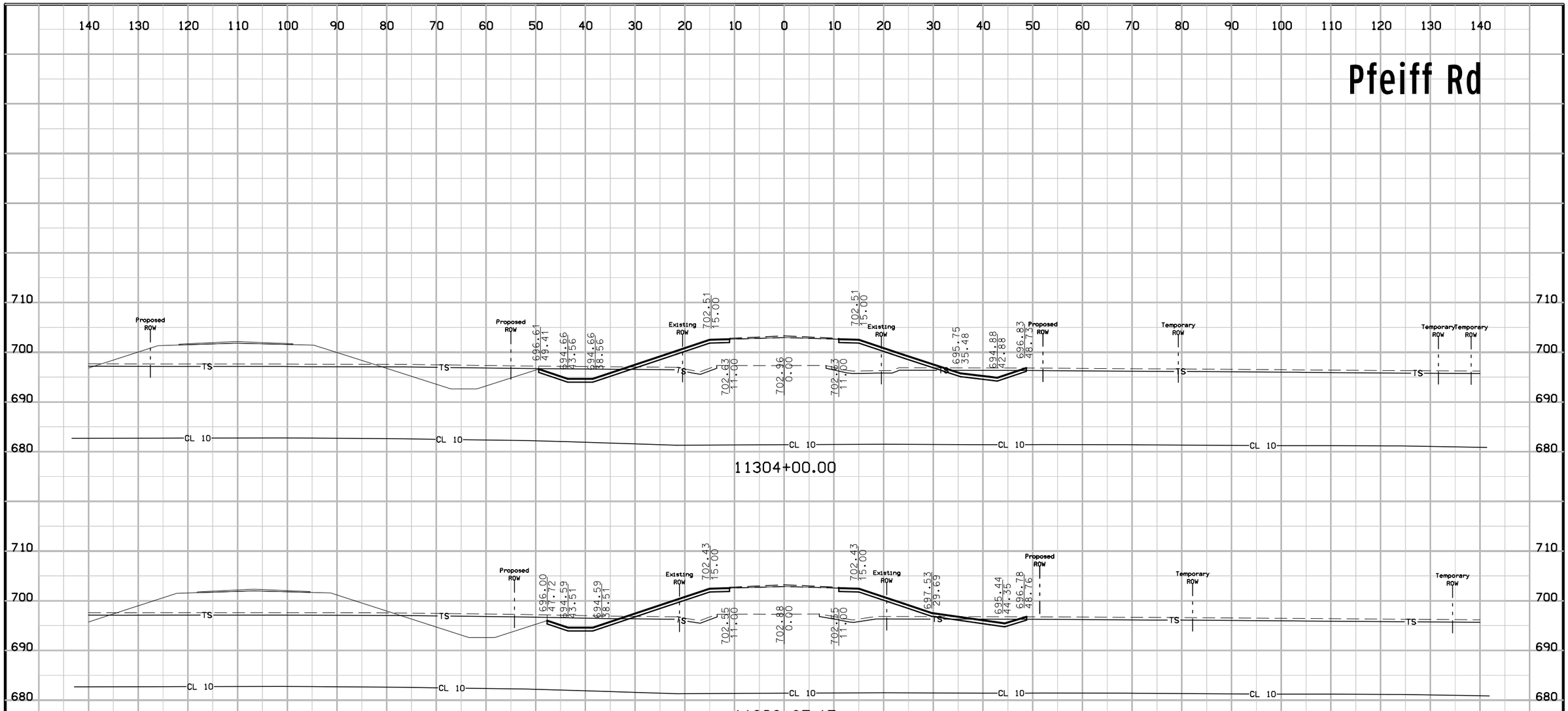
Pfeiff Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.52

10:33:01 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x05

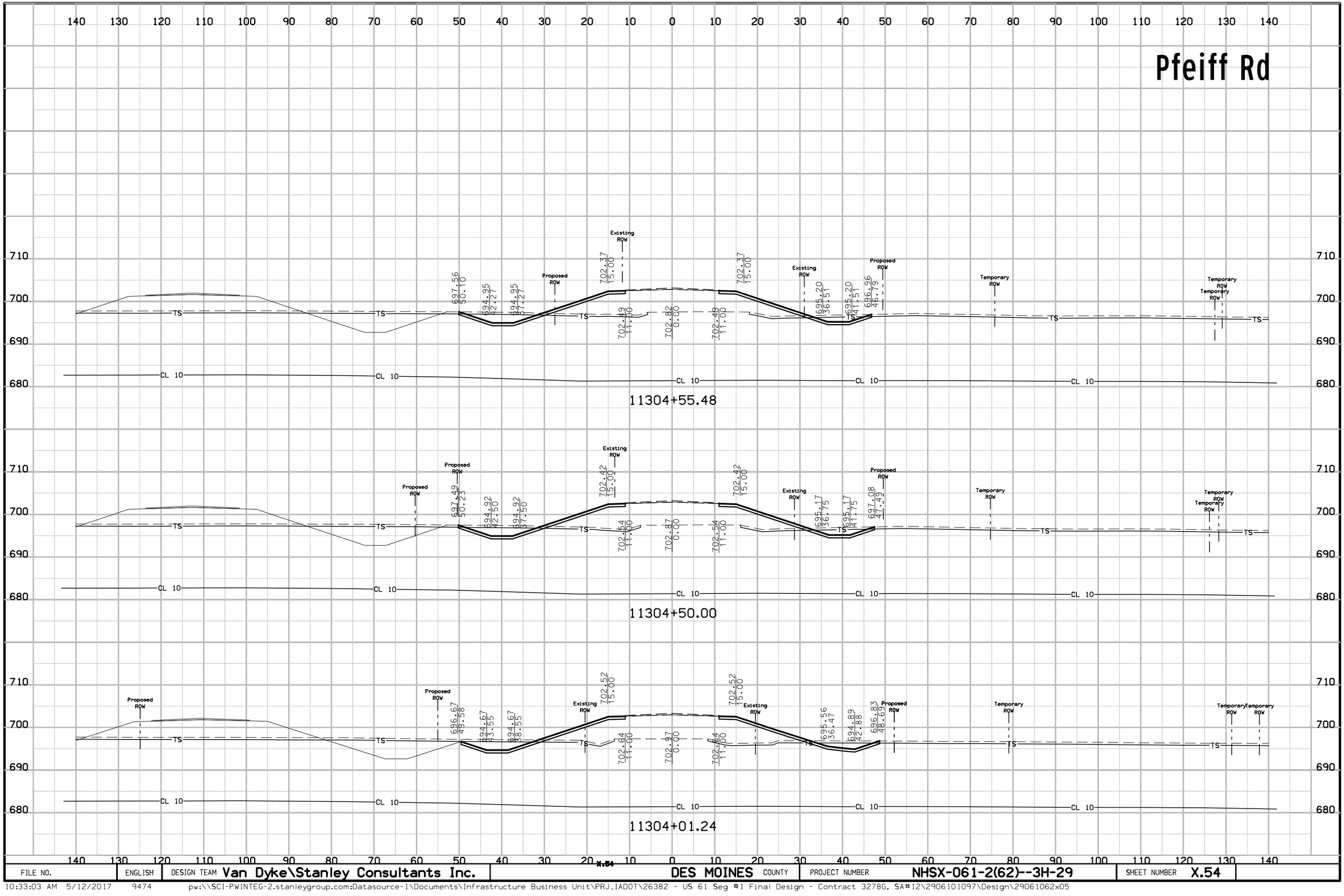
Pfeiff Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.53

10:33:02 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x05

Pfeiff Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.54

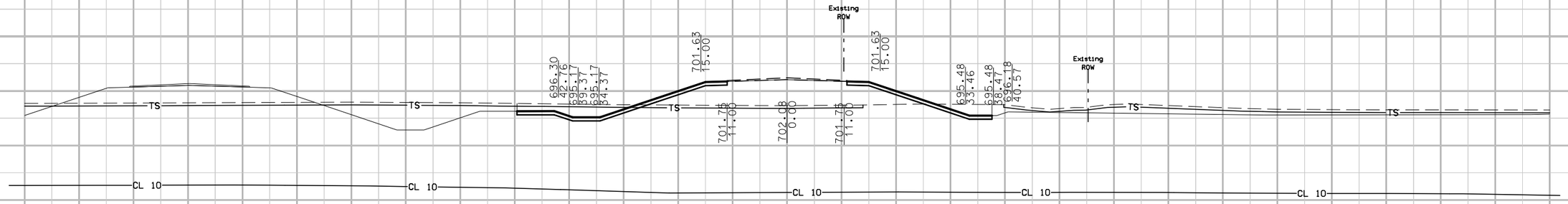
X.54

10:33:03 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x05

Pfeiff Rd

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

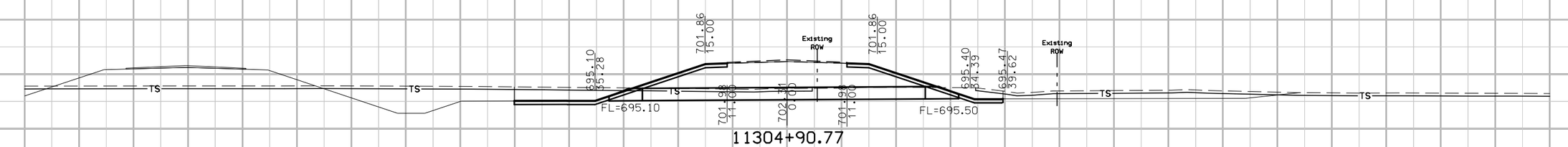
710 / 700 / 690 / 680



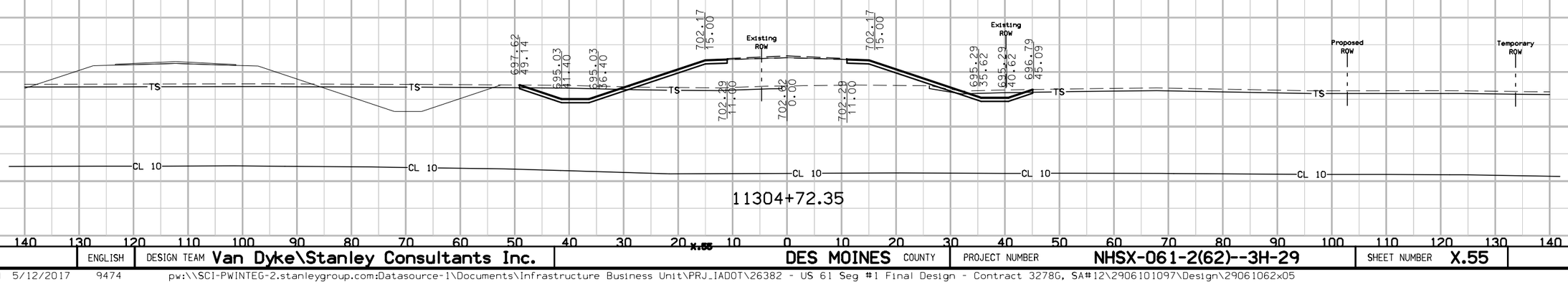
11305+02.00



11305+00.00



11304+90.77

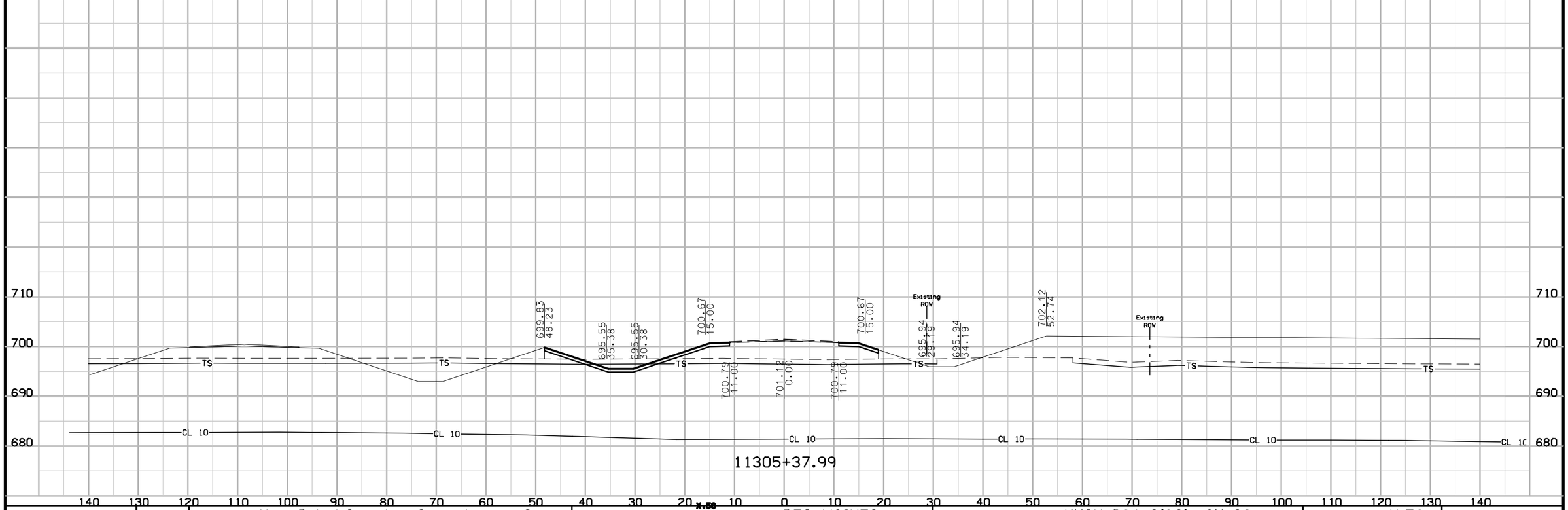


11304+72.35

140 130 120 110 100 90 80 70 60 50 40 30 20 x.55 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.55

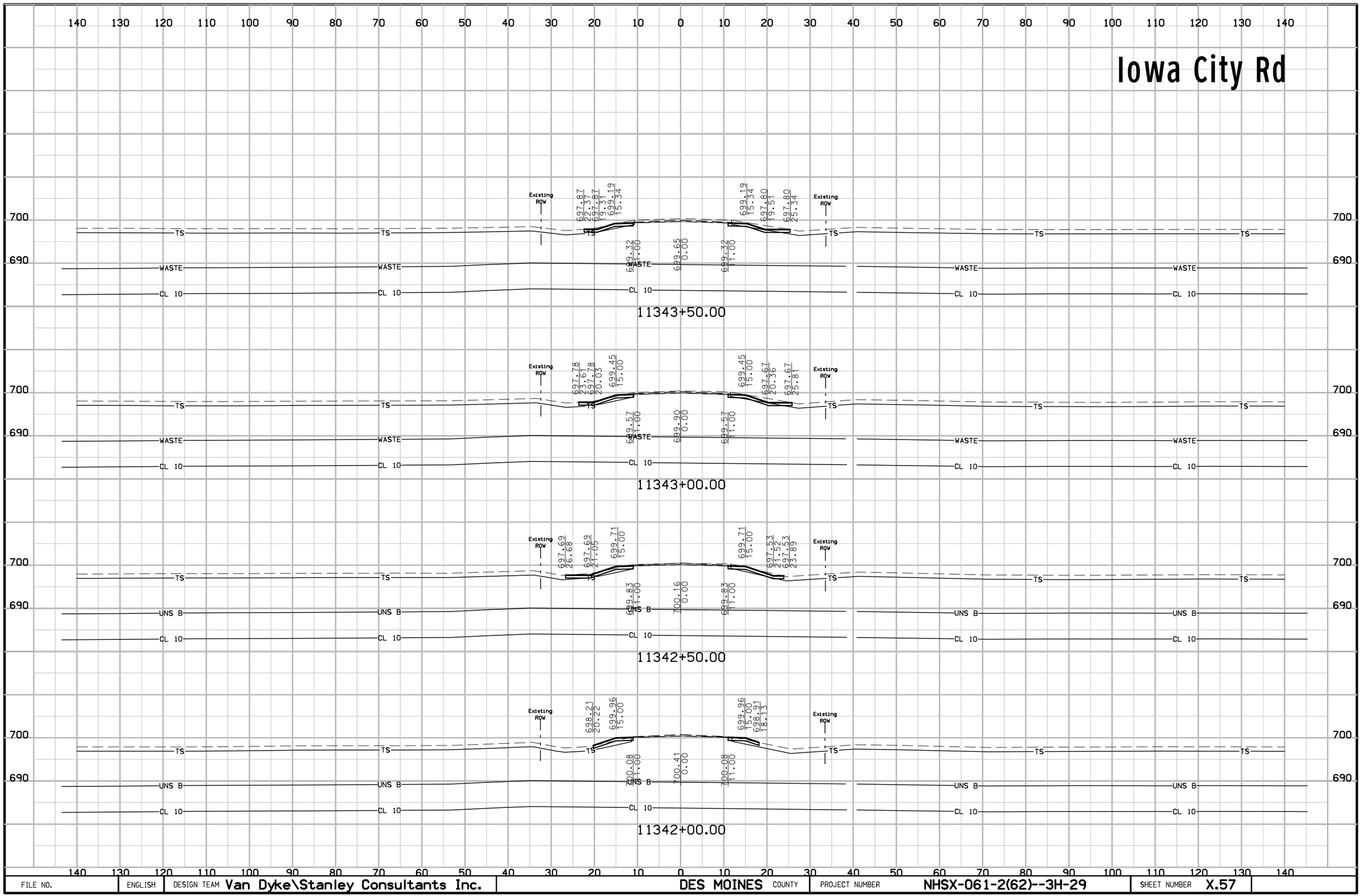
Pfeiff Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	x.56	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.56

10:33:05 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x05

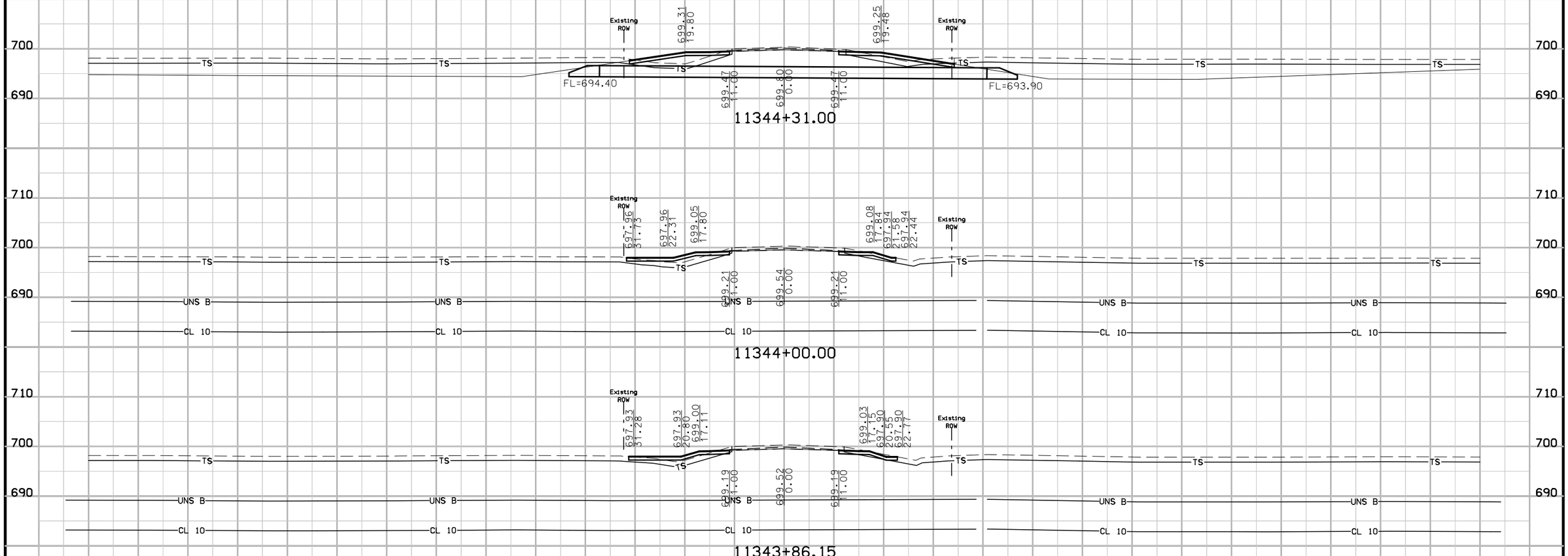
Iowa City Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.57

Iowa City Rd

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

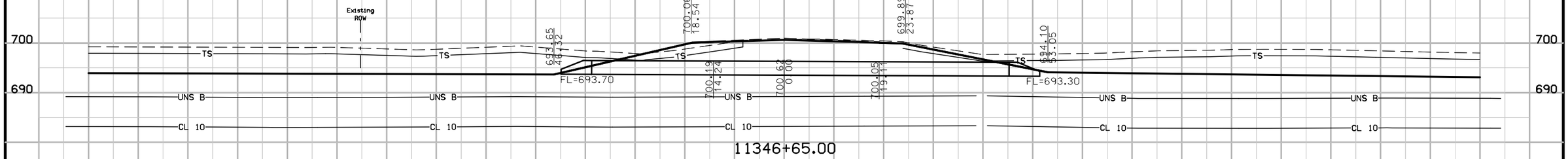


140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

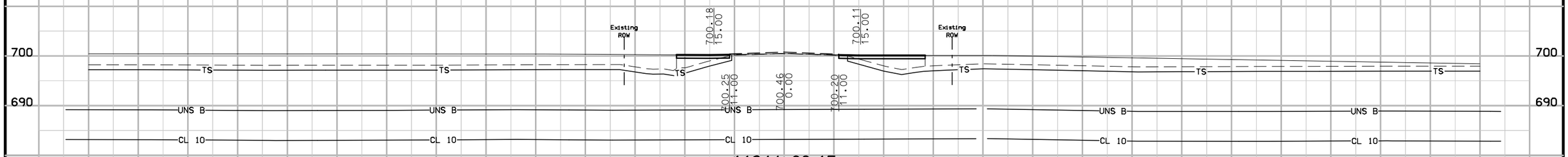
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.58

Iowa City Rd

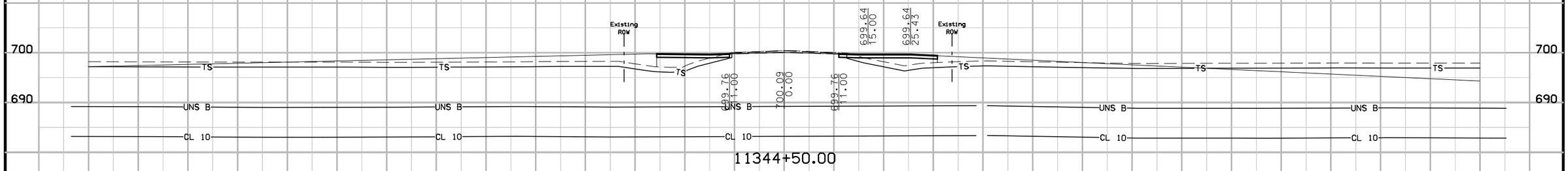
140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



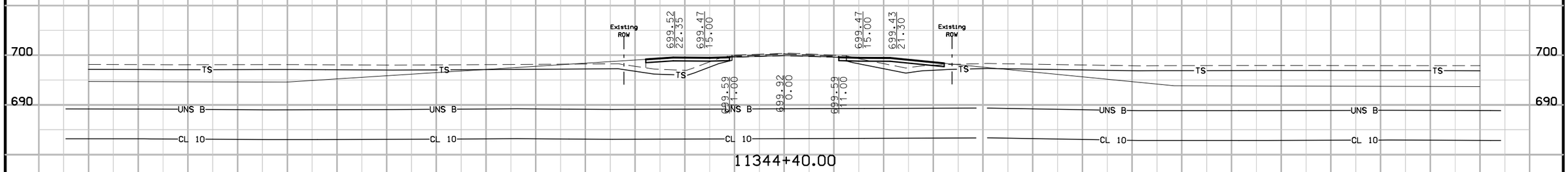
11346+65.00



11344+68.15



11344+50.00



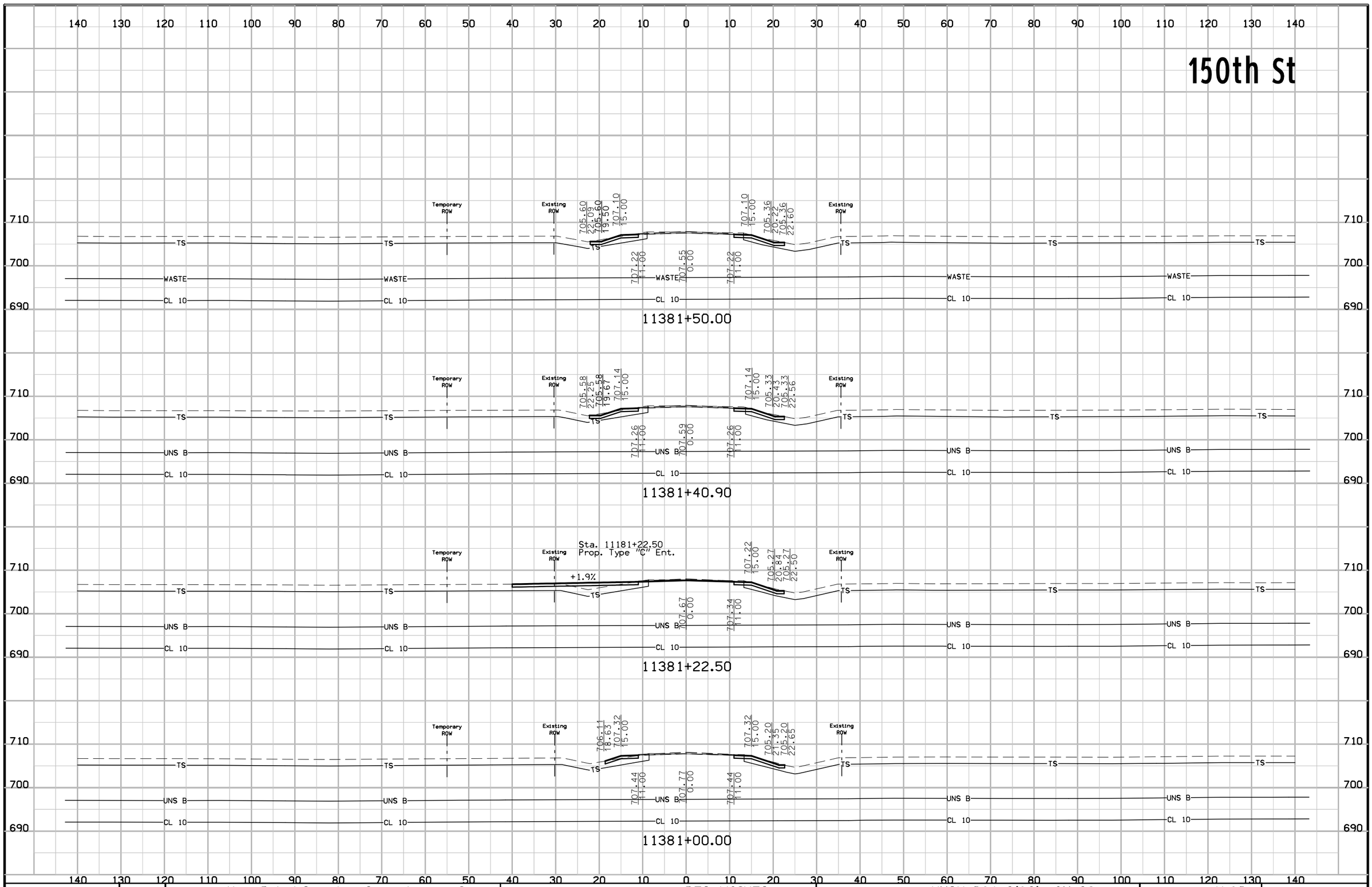
11344+40.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

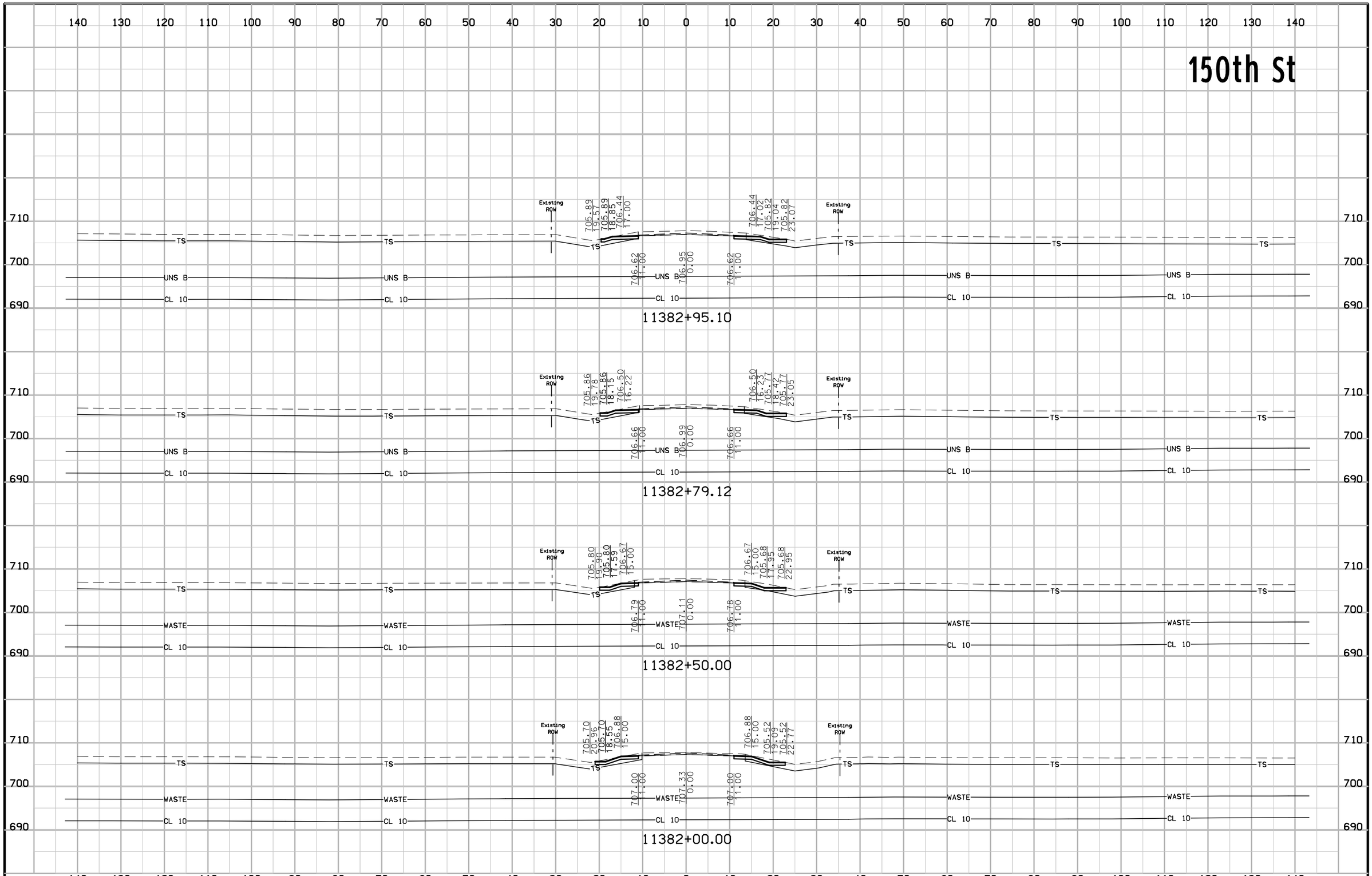
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.59

10:33:09 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x06

150th St



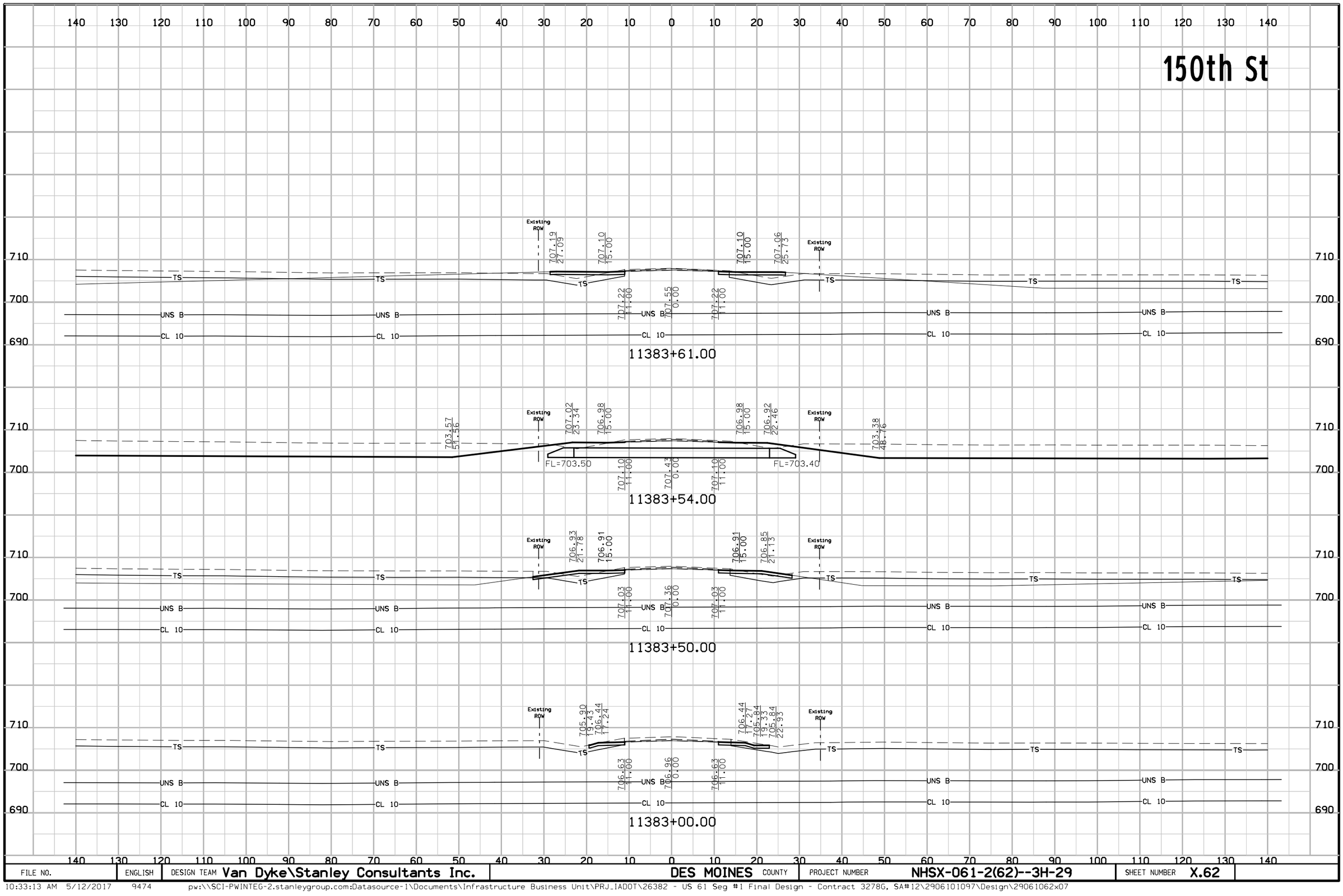
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.60



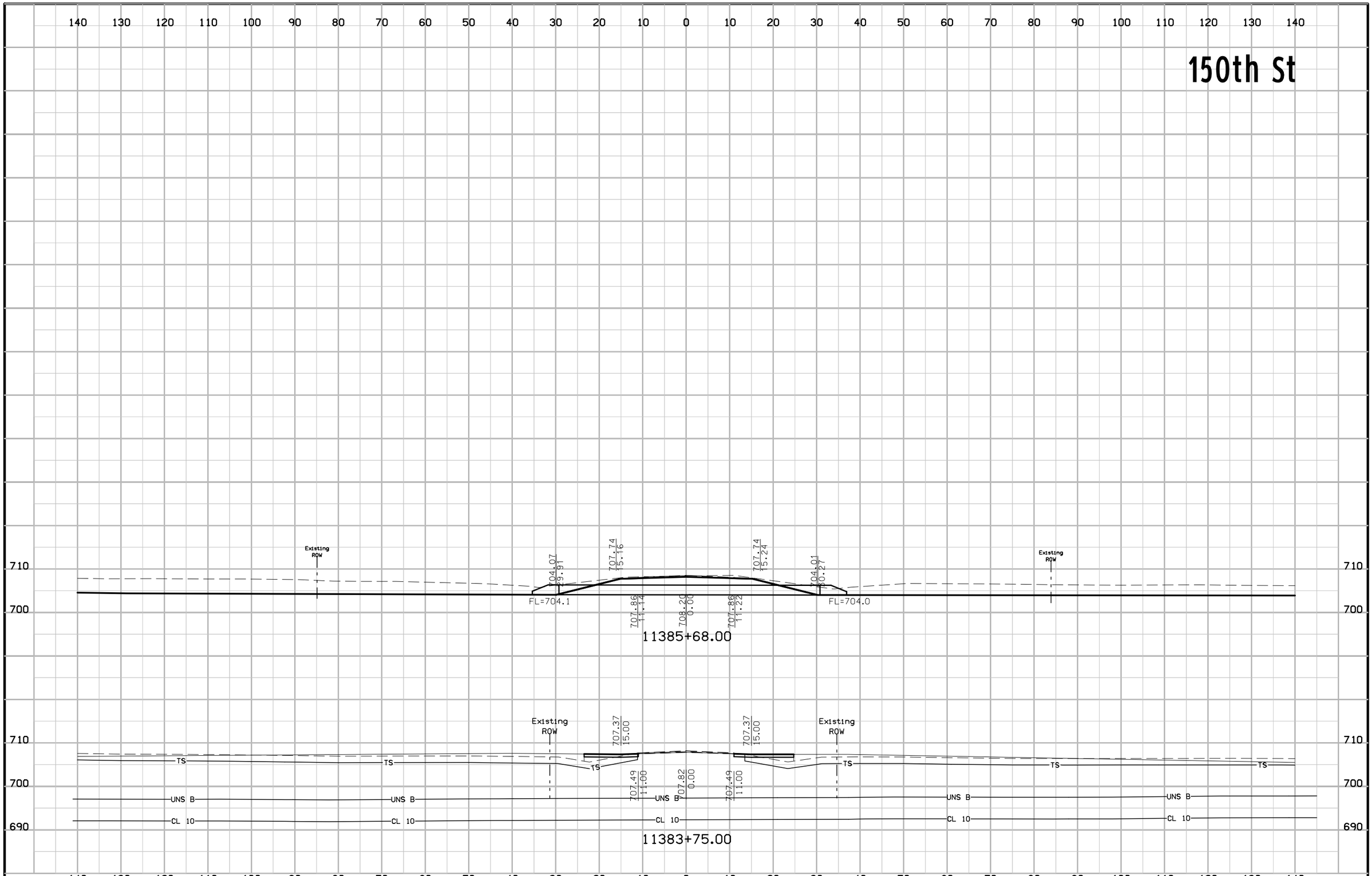
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.61

10:33:12 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x07

150th St



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.62



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.63

10:33:14 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x07

160th St

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

720 710 700

Temporary ROW | Proposed ROW | Existing ROW | Existing ROW | Proposed ROW

Sta. 11435+00
Prop. Type "C" Ent.

+2.5% | +3.0% | +3.0% | -4.6%

TS TS TS TS TS TS TS

716.56 11.00 | 716.89 0.00 | 716.55 11.00

CL 10 CL 10 CL 10 CL CL 10 CL 10

11435+00.00

Proposed ROW | Existing ROW | Existing ROW | Proposed ROW

714.99 36.90 | 712.73 30.14 | 712.73 25.14 | 716.11 15.00 | 716.11 15.00 | 712.79 24.96 | 712.79 29.96 | 715.43 37.88

TS TS TS TS TS TS TS

716.23 11.00 | 716.56 0.00 | 716.23 11.00

CL 10 CL 10 CL 10 CL CL 10 CL 10

11434+50.00

Proposed ROW | Existing ROW | Existing ROW | Proposed ROW

715.02 35.95 | 712.90 29.60 | 712.90 24.60 | 716.10 15.00 | 716.10 15.00 | 712.86 24.72 | 712.86 29.72 | 715.50 37.66

TS TS TS TS TS TS TS

716.22 11.00 | 716.55 0.00 | 716.22 11.00

CL 10 CL 10 CL 10 CL CL 10 CL 10

11434+38.99

Proposed ROW | Existing ROW | Existing ROW | Proposed ROW

715.26 33.51 | 713.50 28.22 | 713.50 23.22 | 716.24 15.00 | 716.24 15.00 | 713.10 24.42 | 713.10 29.42 | 715.62 36.97

TS TS TS TS TS TS TS

716.36 11.00 | 716.69 0.00 | 716.36 11.00

CL 10 CL 10 CL 10 CL CL 10 CL 10

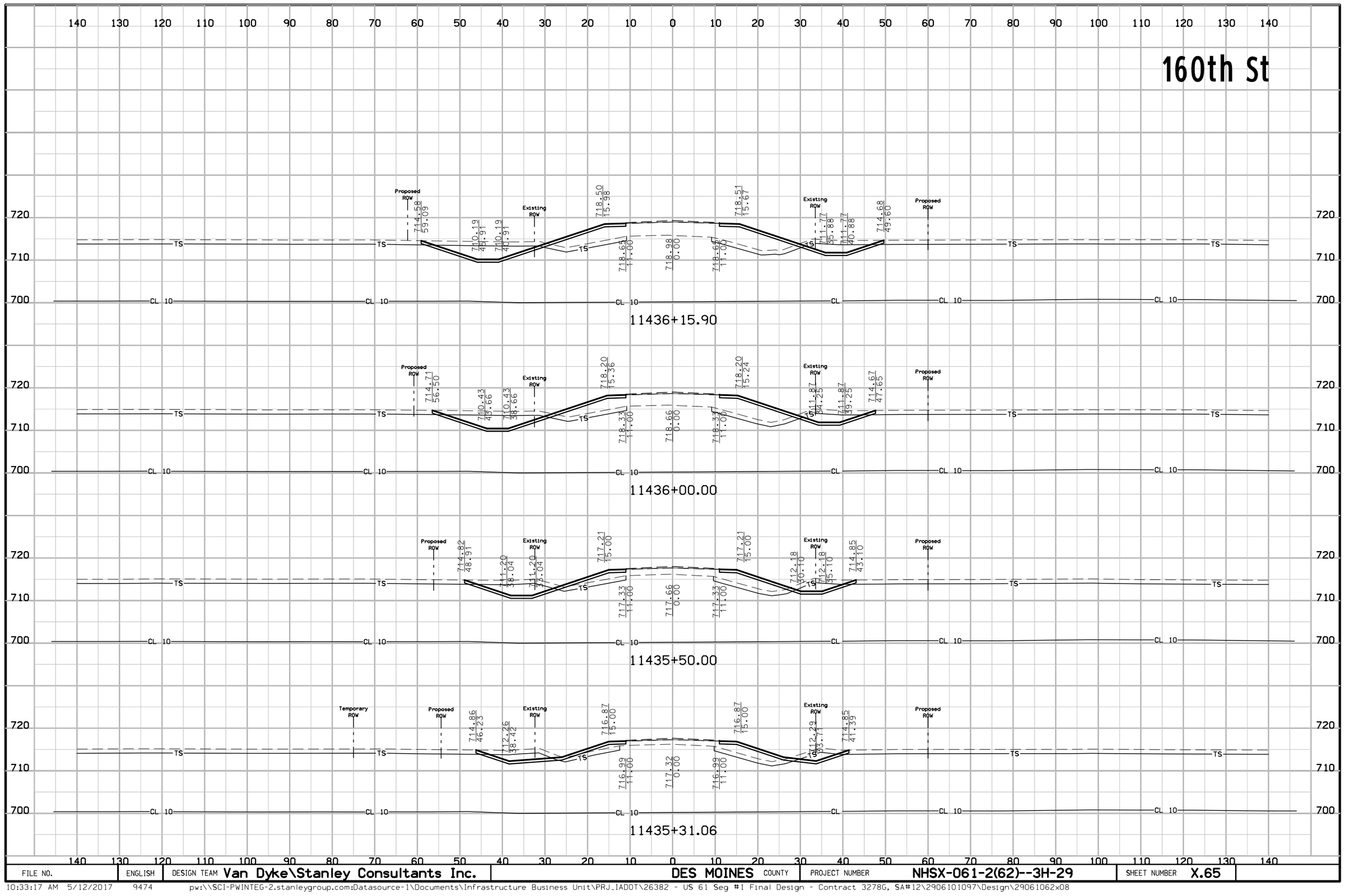
11434+00.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.64

10:33:16 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x08

160th St



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.65

160th St

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

720 710 700

Existing ROW

712.79 52.11 | 718.62 18.57 | 718.72 15.00 | 718.72 15.00 | 718.75 18.95 | 715.64 41.92

718.84 11.00 | 719.17 0.00 | 718.94 11.00

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10 UNSCB 10

UNS B UNS B UNS B UNS B

CL 10 CL 10 CL 10

11436+80.75

Existing ROW

718.74 18.14 | 718.78 17.22

709.40 63.89 | 711.45 61.72

713.95 11.00 | 719.28 0.00 | 718.95 11.00

FL=709.40 FL=711.40

11436+71.00

Existing ROW

713.90 67.29 | 709.61 51.40 | 709.61 48.40 | 718.83 17.47 | 718.86 16.69 | 711.54 50.75 | 711.54 55.75 | 714.60 64.93

719.03 11.00 | 719.36 0.00 | 719.03 11.00

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

UNS B UNS B UNS B UNS B

CL 10 CL 10 CL 10

11436+53.89

Proposed ROW

Existing ROW

714.52 66.59 | 709.67 52.04 | 709.67 47.04 | 718.84 17.32 | 718.86 16.59 | 711.56 48.58 | 711.56 53.58 | 714.62 62.77

719.03 11.00 | 719.36 0.00 | 719.03 11.00

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

UNS B UNS B UNS B UNS B

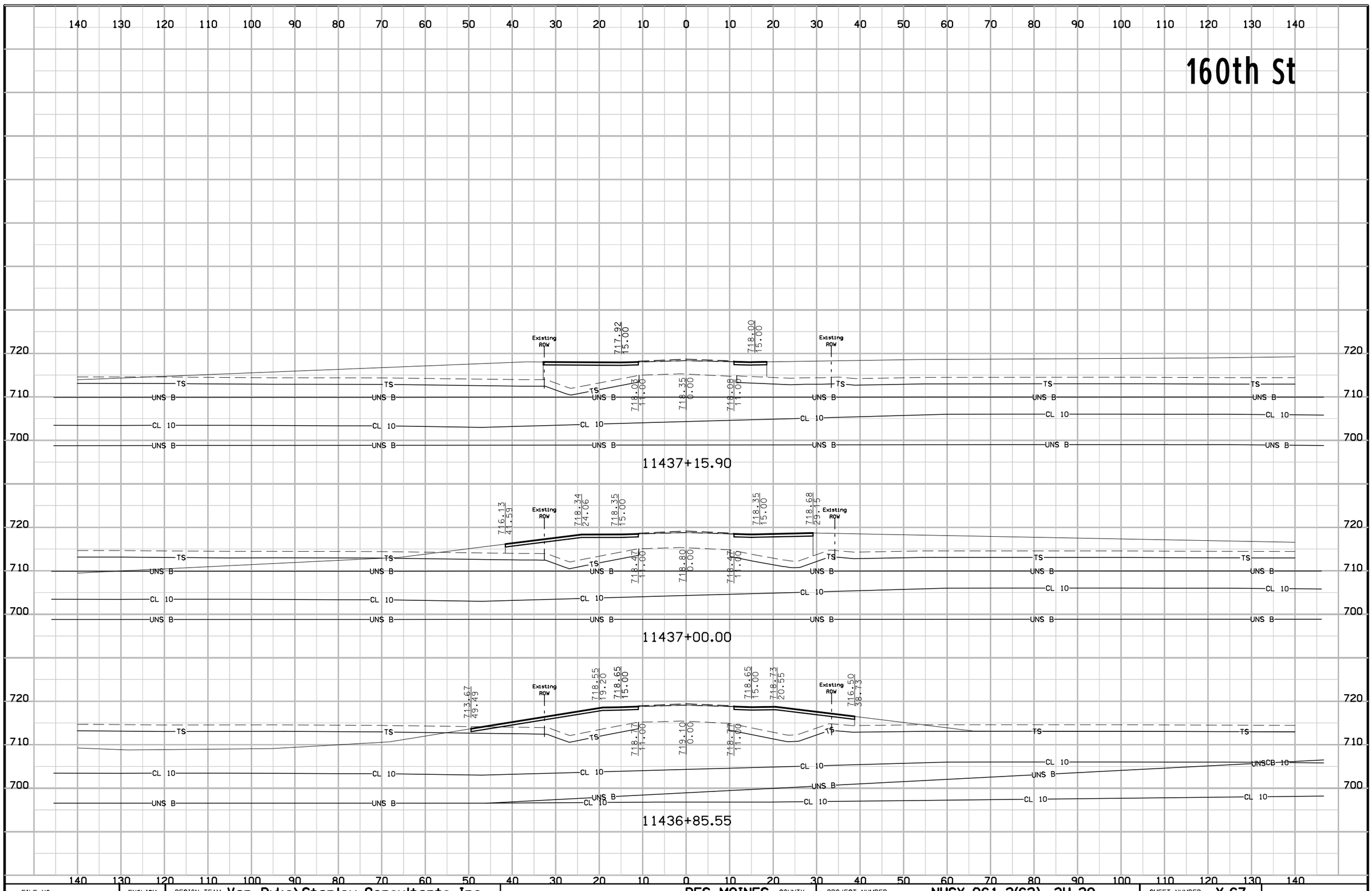
CL 10 CL 10 CL 10

11436+50.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

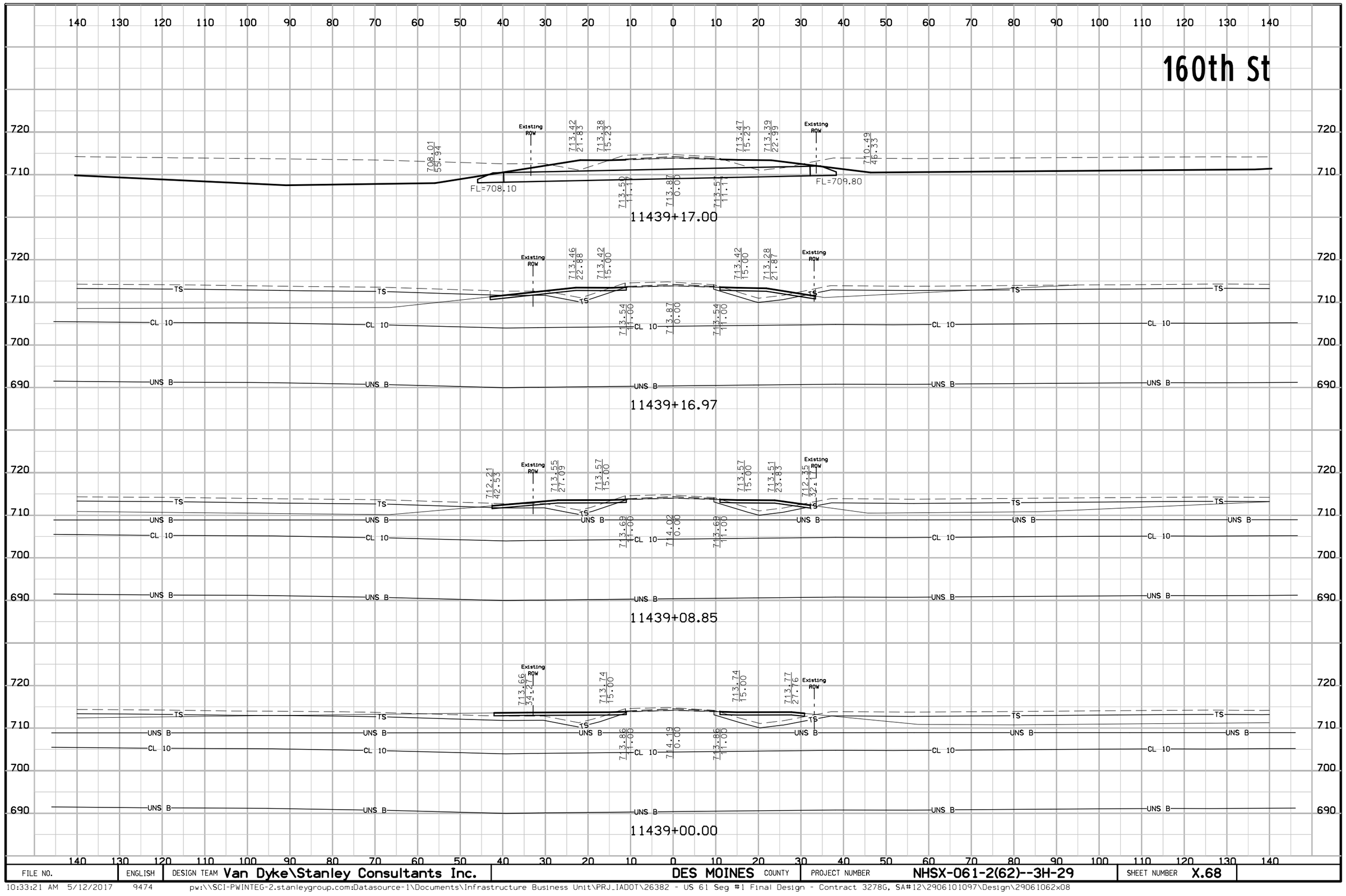
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.66

160th St



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.67

160th St



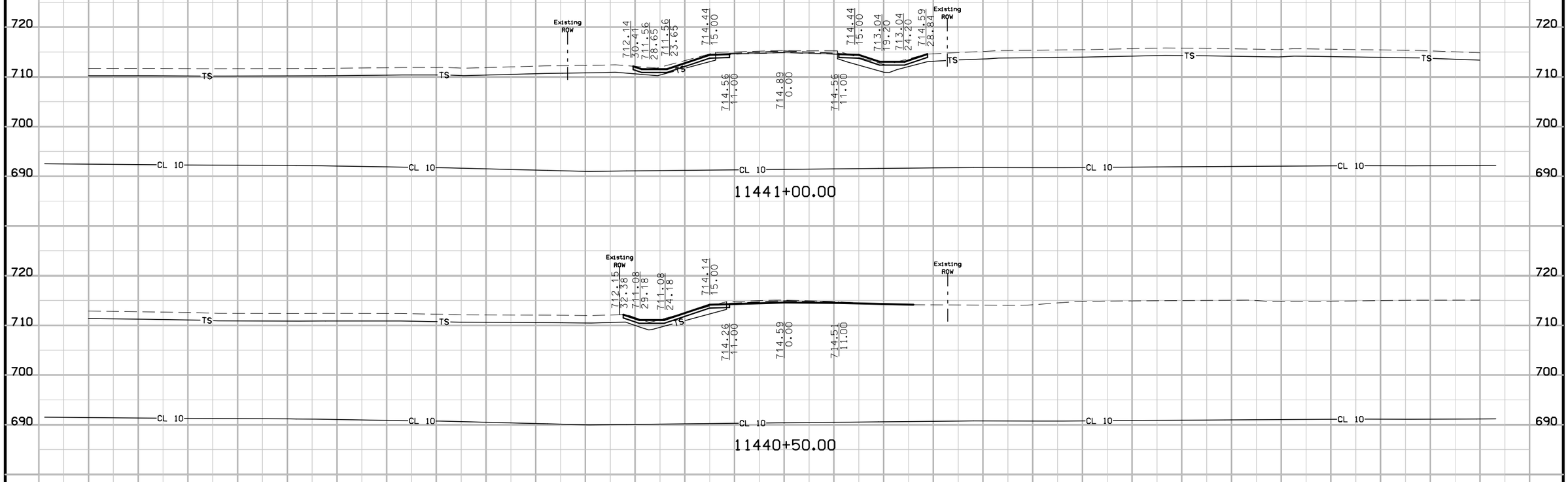
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.68

160th St

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.69

10:33:22 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\29061101097\Design\29061062x08

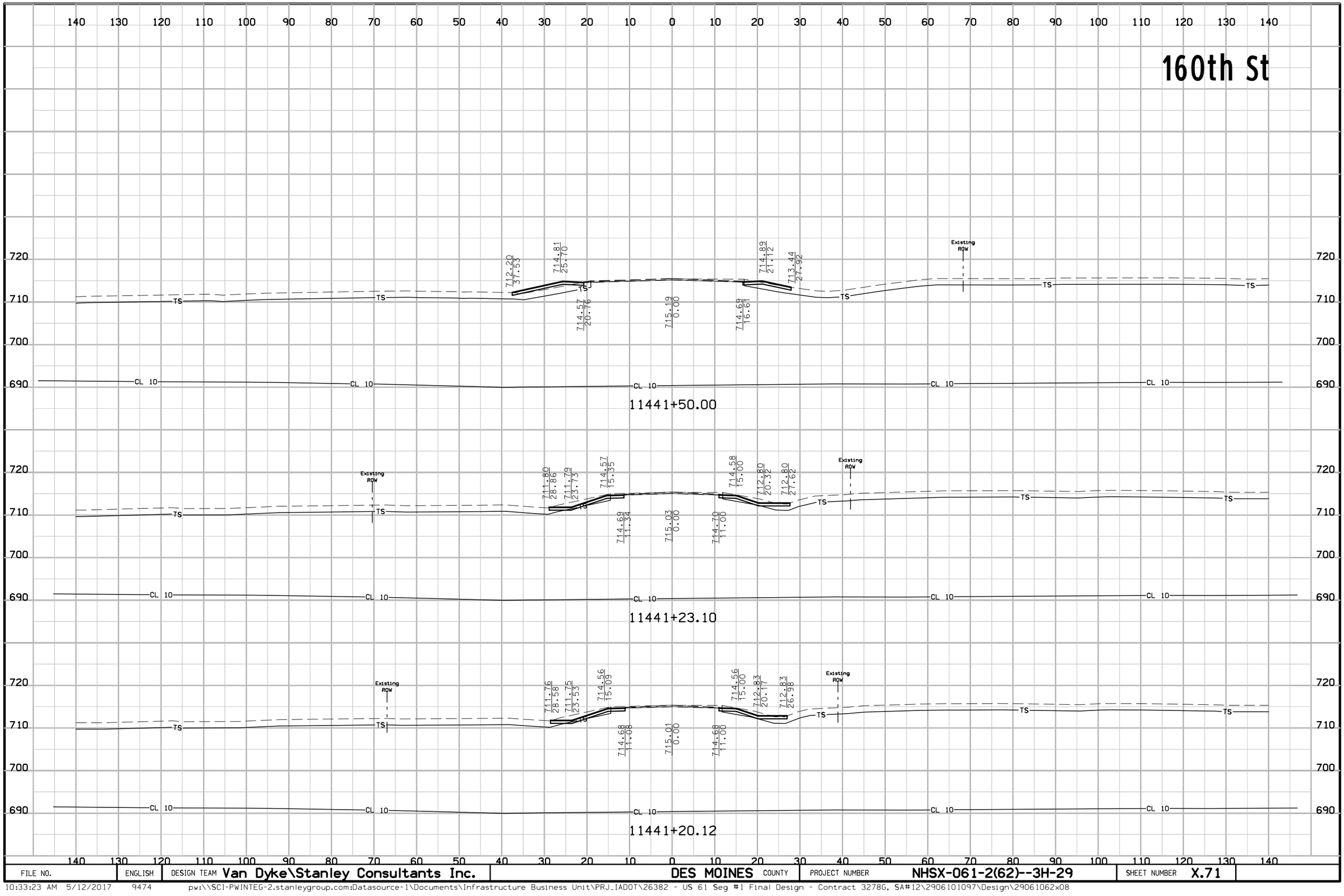
160th St



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.70

10:33:22 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x08

160th St



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.71

160th St

720
710
700

715.34
53.11

715.34
49.11

715.34
0.00

715.85
51.73

715.89
55.73

CL 10

11441+87.27

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.72

170th St-Stony Hollow Rd

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

720 710 700

Existing ROW

711.42 36.94 | 716.29 16.70 | 716.29 16.80 | 711.38 37.87 | 711.55 42.72 | 714.55 50.83

716.40 12.63 | 716.78 0.00 | 716.40 12.64

TS CL 10 UNS B

11489+77.98

711.43 37.76 | 716.31 17.22 | 716.30 17.55 | 711.54 38.34 | 711.73 43.27 | 714.82 51.29

716.42 13.11 | 716.81 0.00 | 716.41 13.34

11489+75.62

711.53 64.43 | 716.24 31.21 | 716.10 33.62 | 713.55 56.58

716.40 25.83 | 717.18 0.00 | 716.29 29.50

11489+50.00

717.11 24.23 61.89 | 717.56 73.15 74.85

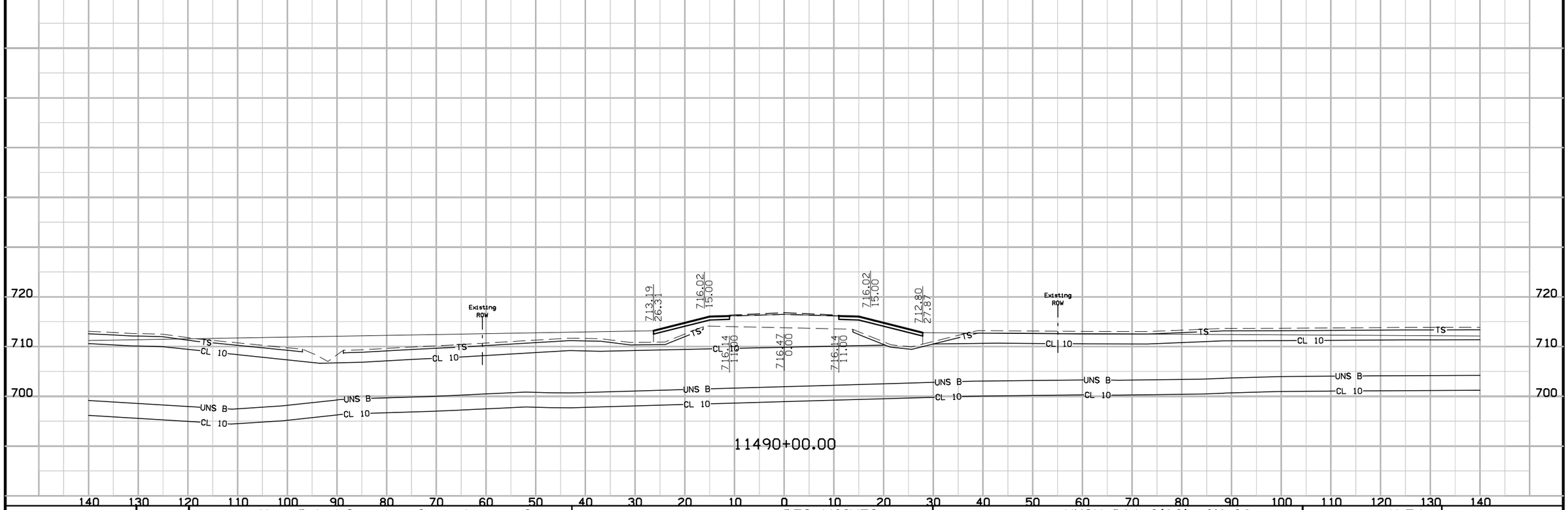
717.30 57.89 | 717.53 0.00 | 717.56 69.19

11489+25.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.73

10:33:27 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x09

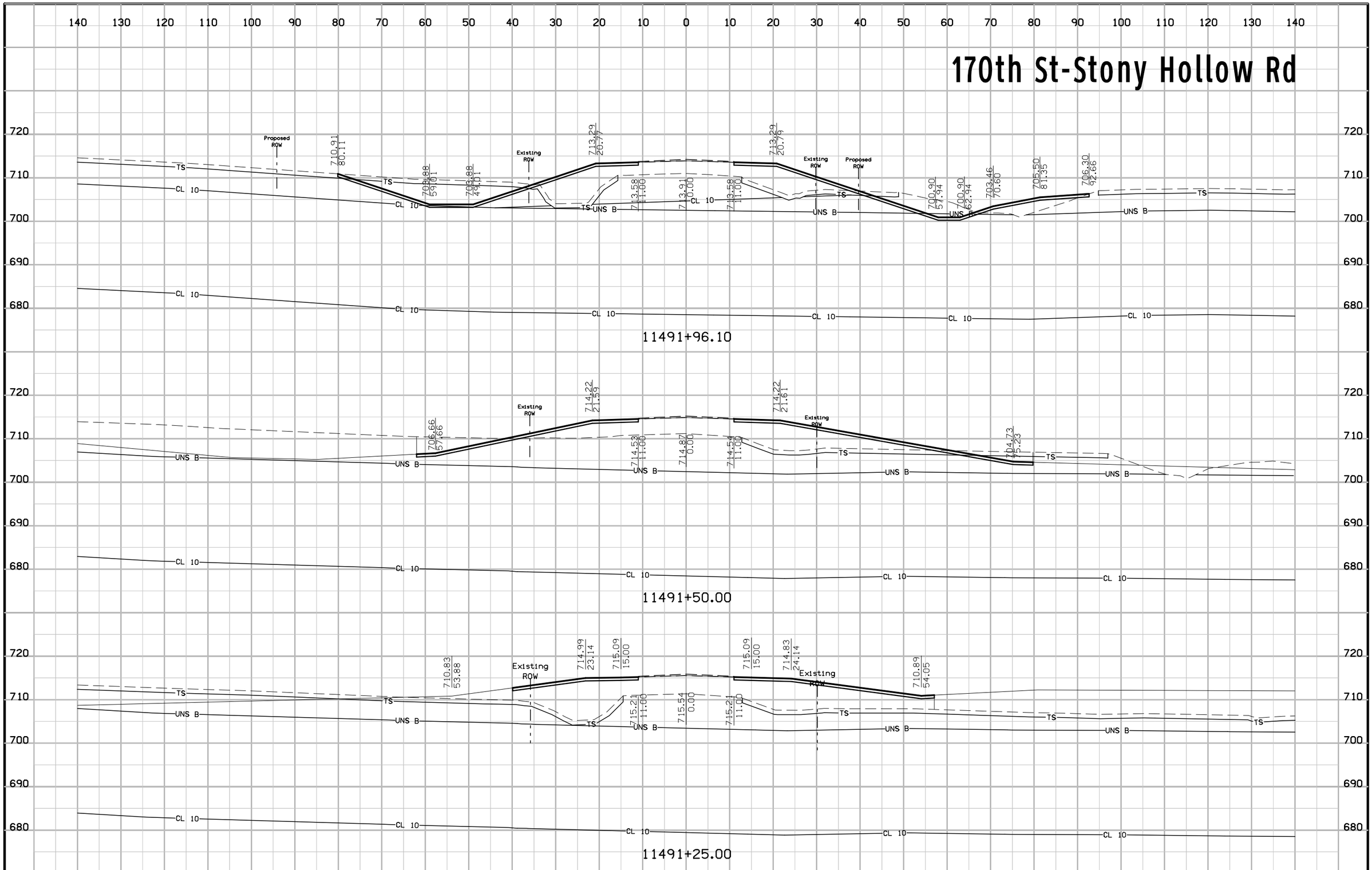
170th St-Stony Hollow Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.74

10:33:28 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x09

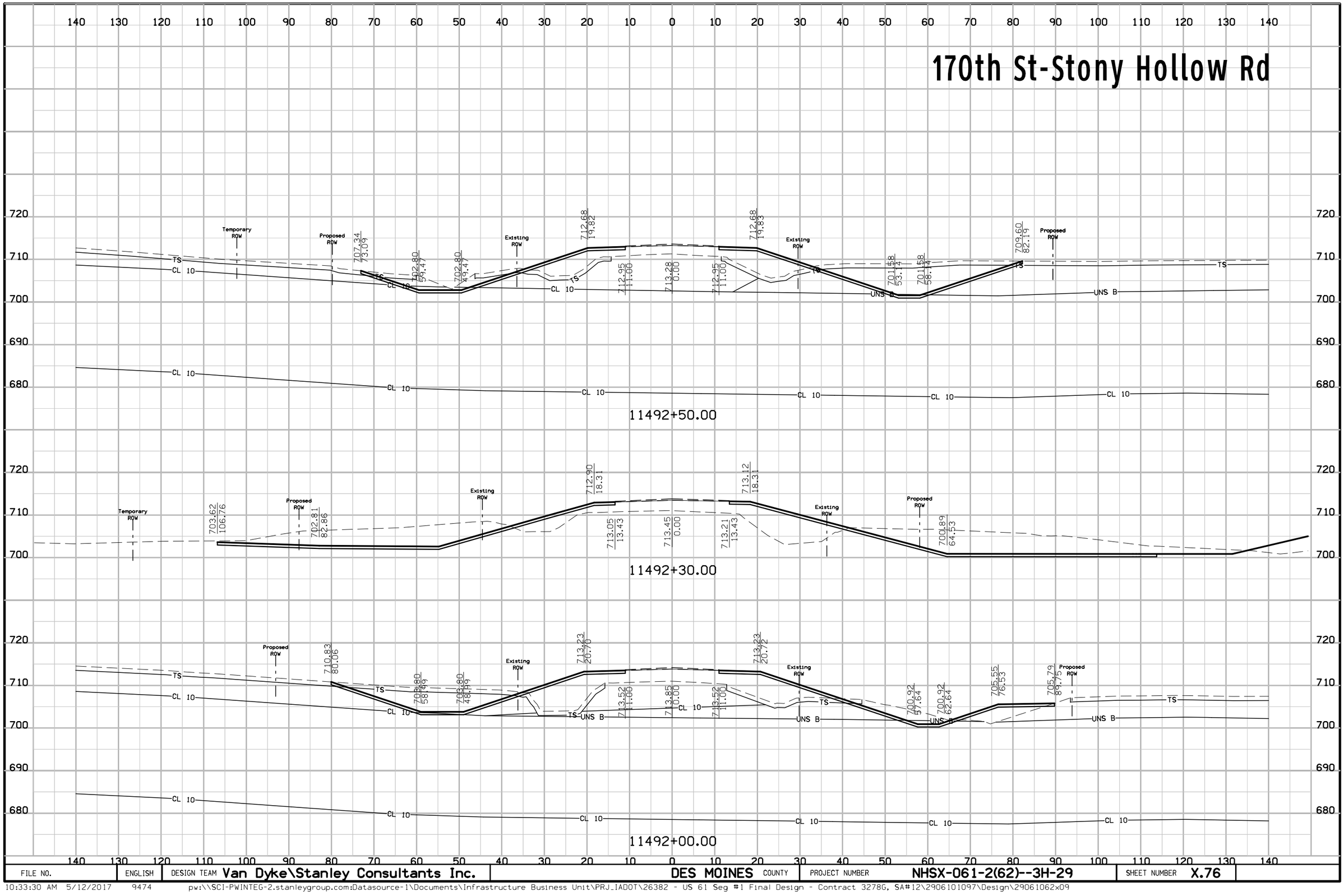
170th St-Stony Hollow Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.75

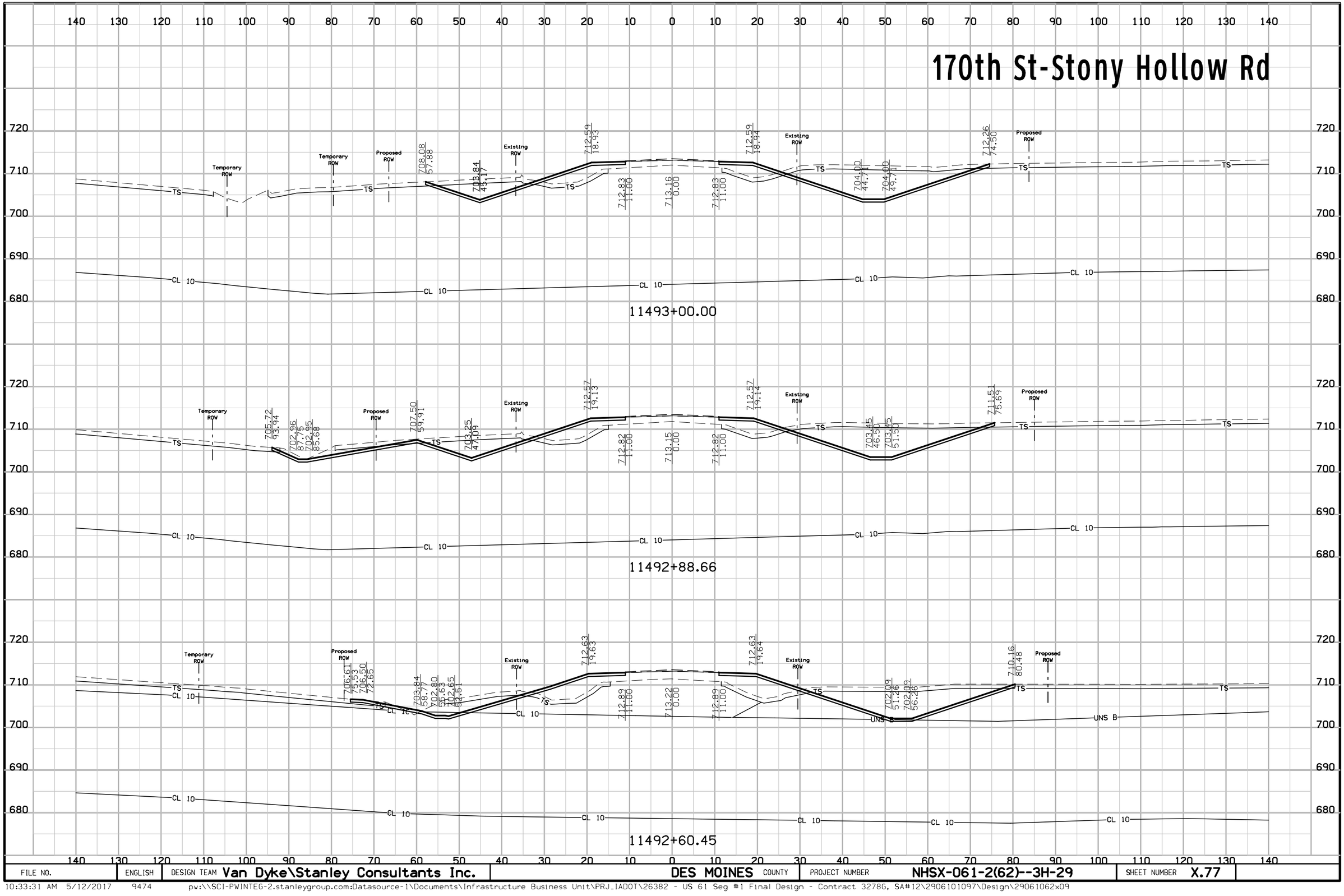
10:33:29 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x09

170th St-Stony Hollow Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.76

170th St-Stony Hollow Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.77

170th St-Stony Hollow Rd

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

720
710
700

Proposed ROW
Existing ROW
Temporary ROW
711.78
36.88
713.91
17.11
714.09
11.00
714.42
0.00
714.09
11.00
713.91
17.01
Existing ROW
709.23
31.07
709.03
36.07
717.40
60.58
Proposed ROW
TS
TS
TS
CL 10
CL 10
CL 10
CL 10
CL 10

11494+08.18

720
710
700
690

Existing ROW
Proposed ROW
Temporary ROW
710.59
35.76
710.15
32.64
713.74
17.15
714.25
0.00
713.92
11.00
713.74
17.16
Existing ROW
708.83
31.88
708.63
36.88
717.07
61.58
Proposed ROW
TS
TS
TS
CL 10
CL 10
CL 10
CL 10
CL 10

11494+00.00

720
710
700
690

Proposed ROW
Existing ROW
709.40
46.34
706.45
37.50
712.94
18.04
713.15
11.00
713.48
0.00
713.15
11.00
712.94
18.05
Existing ROW
706.42
37.62
706.42
42.62
715.60
70.17
Proposed ROW
TS
TS
TS
CL 10
CL 10
CL 10
CL 10
CL 10

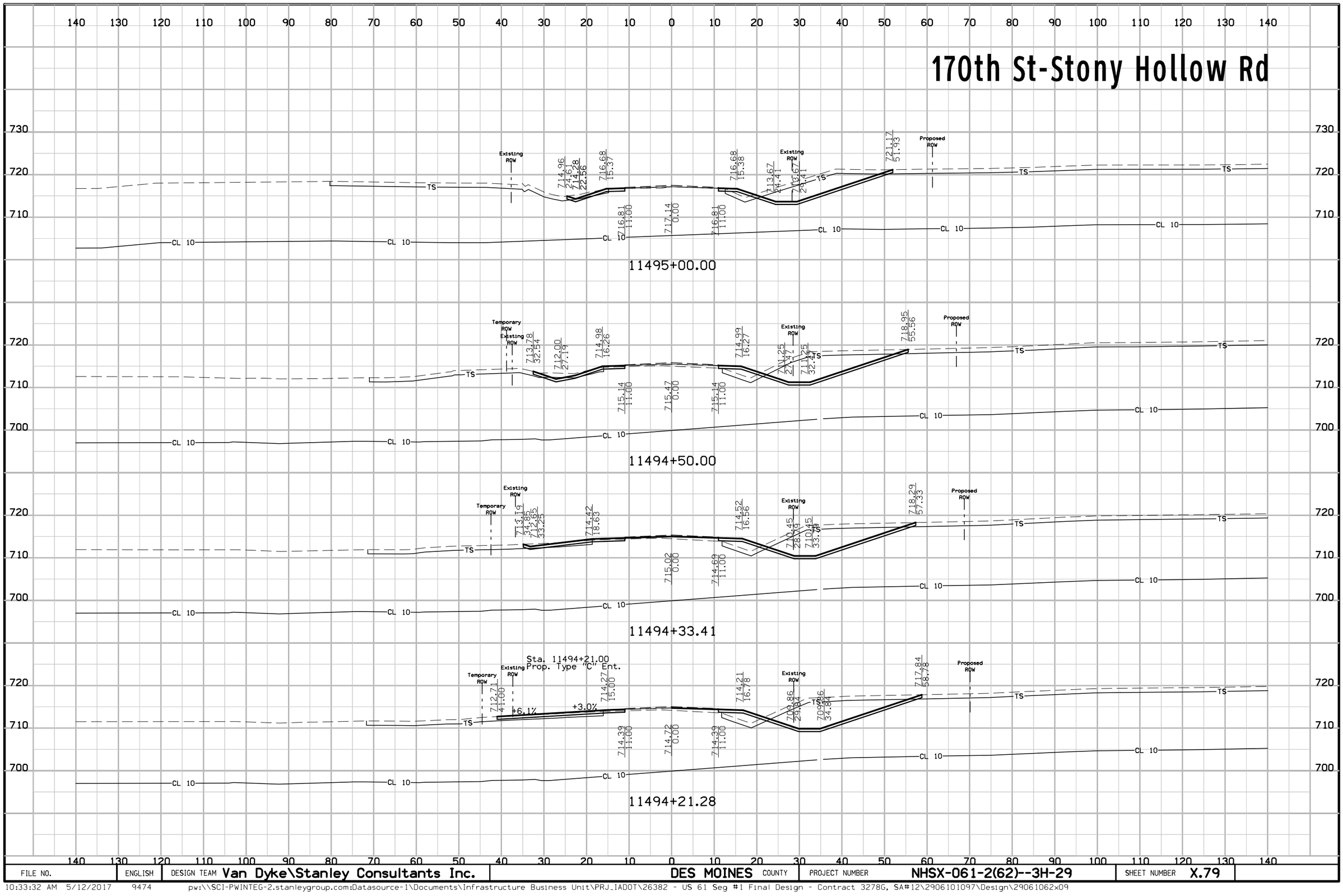
11493+50.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.78

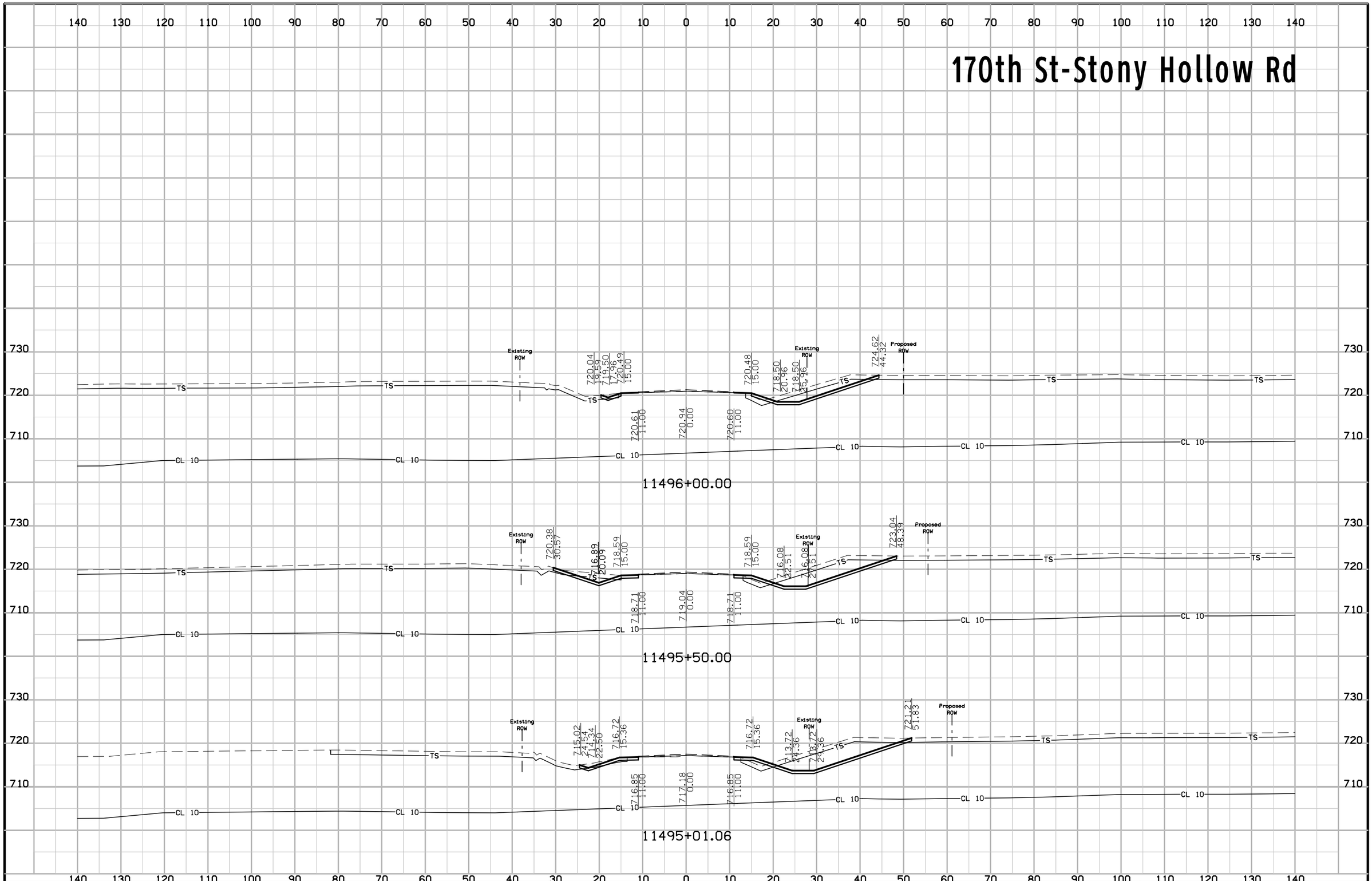
10:33:32 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x09

170th St-Stony Hollow Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.79

10:33:32 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x09



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.80

10:33:33 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x09

180th St-Dodgeville Rd

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

750 740 730

Existing ROW

743.40 15.79 | 743.59 15.00 | 743.17 16.71

743.71 11.00 | 744.04 0.00 | 743.71 11.00

TS CL 10

11545+00.00

741.43 27.36 | 742.52 22.69 | 742.47 24.08 | 739.20 38.87

742.70 18.04 | 743.25 0.00 | 742.67 19.30

11544+50.00

740.17 41.19 | 742.04 31.55 | 741.96 33.93 | 739.19 50.07

742.28 26.10 | 743.06 0.00 | 742.22 28.20

11544+38.52

741.67 49.66 | 741.41 58.78

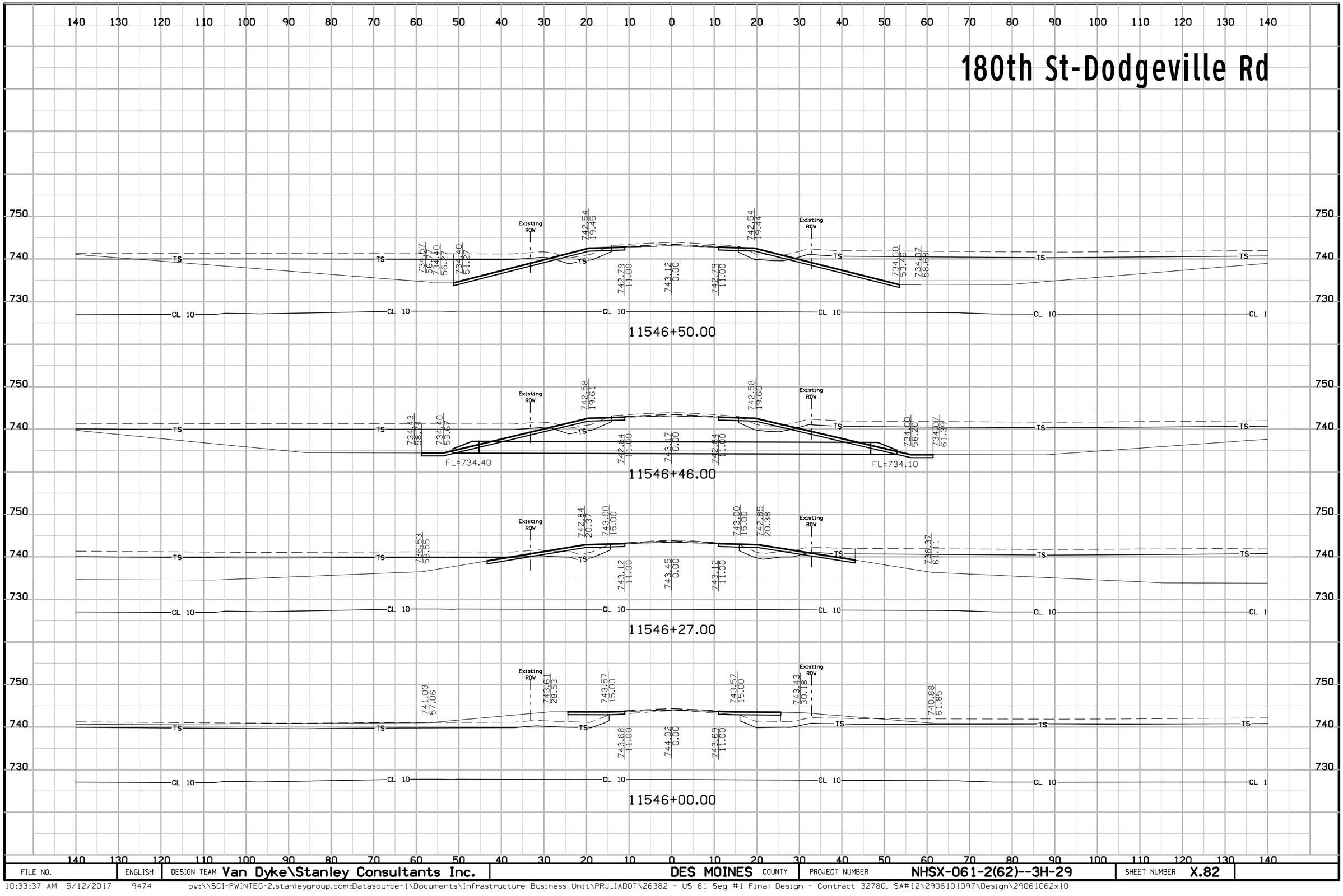
741.55 43.26 | 742.85 0.00 | 741.40 48.07

11544+25.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.81

10:33:36 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x10

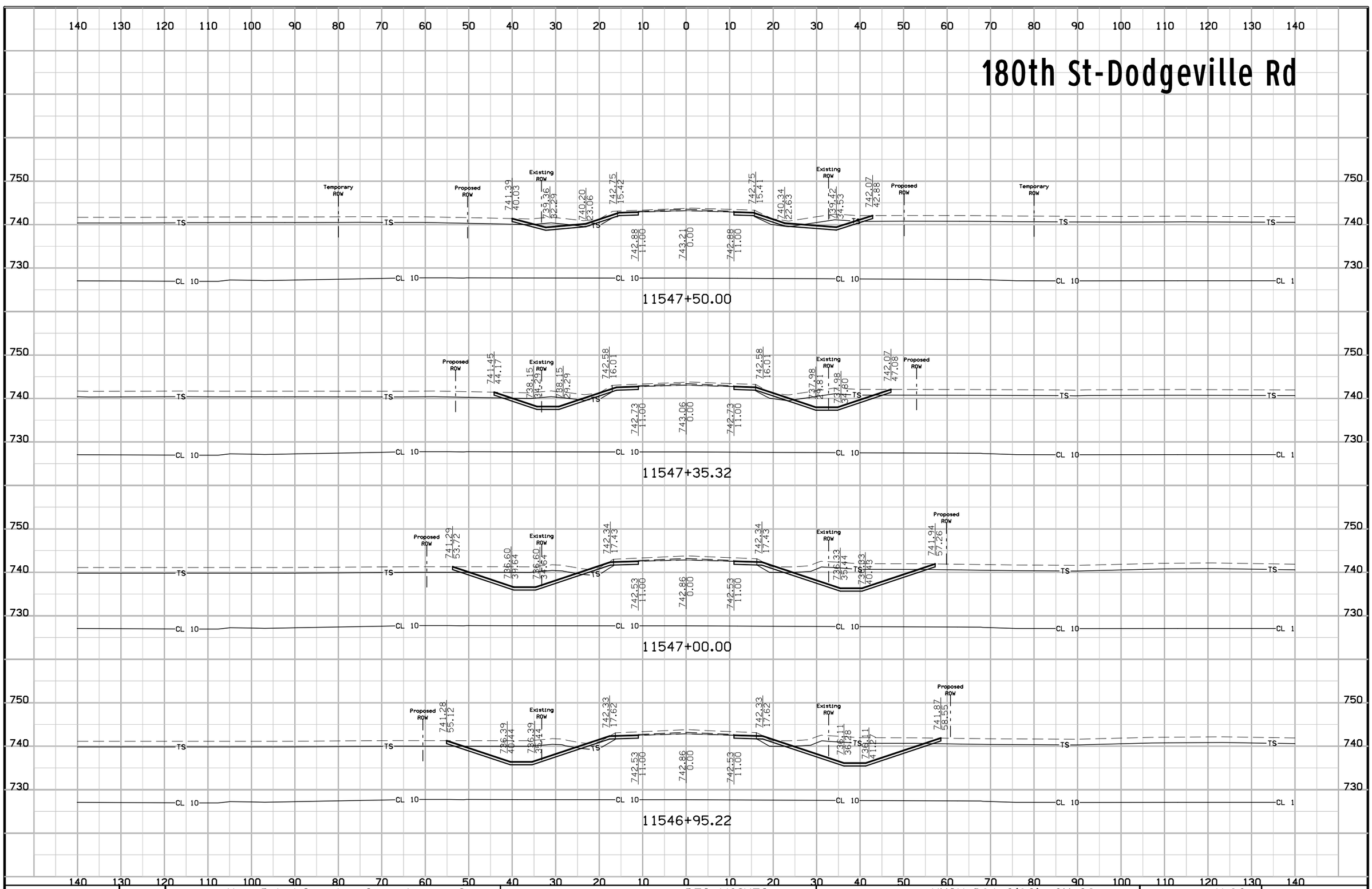
180th St-Dodgeville Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.82

10:33:37 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x10

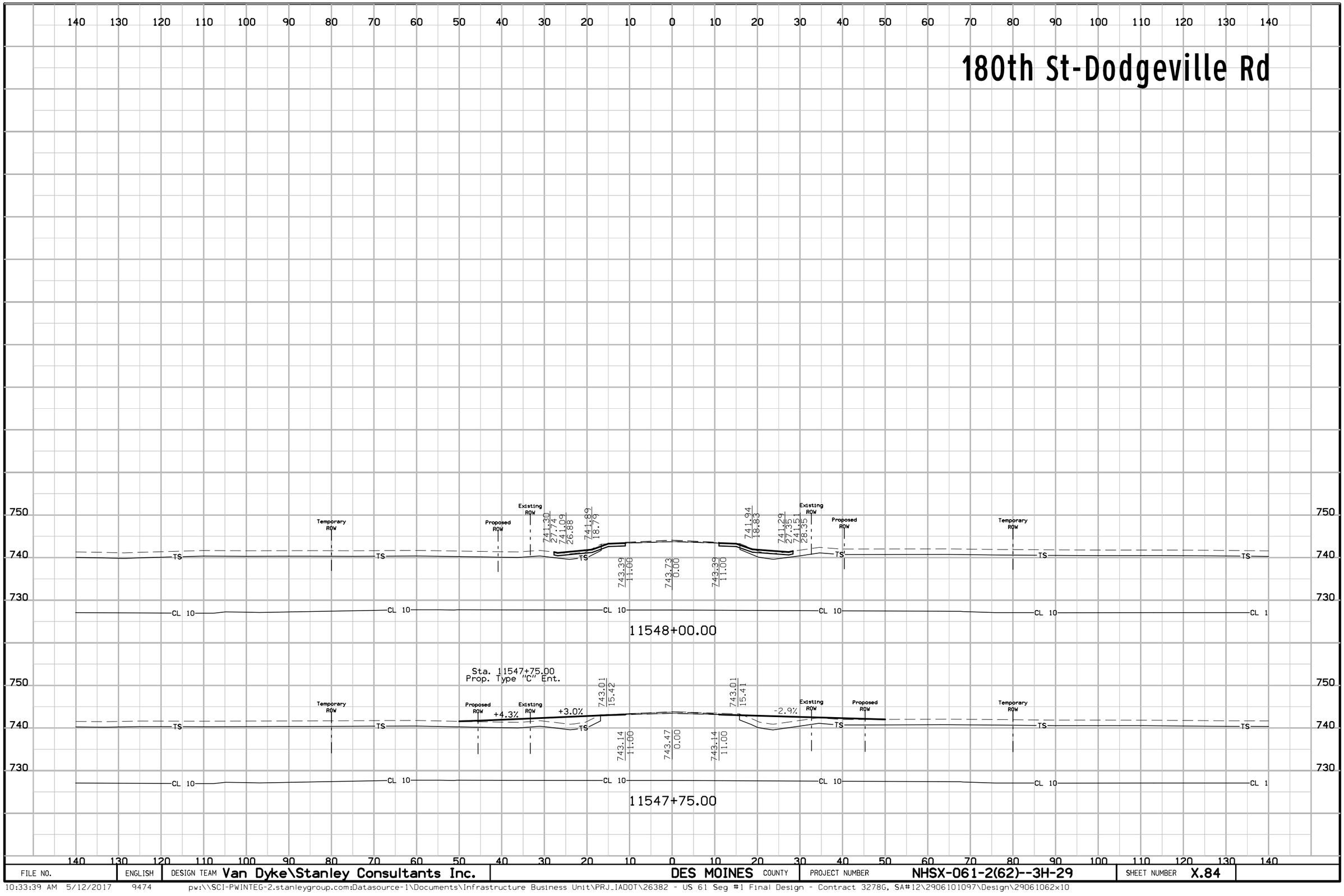
180th St-Dodgeville Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.83

10:33:38 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x10

180th St-Dodgeville Rd



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.84

182nd St

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

760
750
740
730

Existing ROW
750.82 15.00
750.74 15.00
Existing ROW
750.80 11.00
750.74 0.00
750.74 11.00
TS
UNS B
CL 10

11560+99.38

Existing ROW
745.49 29.93
749.22 15.06
749.19 15.72
744.85 32.93
Existing ROW
749.35 11.05
749.68 0.00
749.33 11.65

11560+50.00

748.47 34.96
748.45 43.45
748.18 44.13
748.49 30.96
748.61 0.00
748.45 40.96

11560+00.00

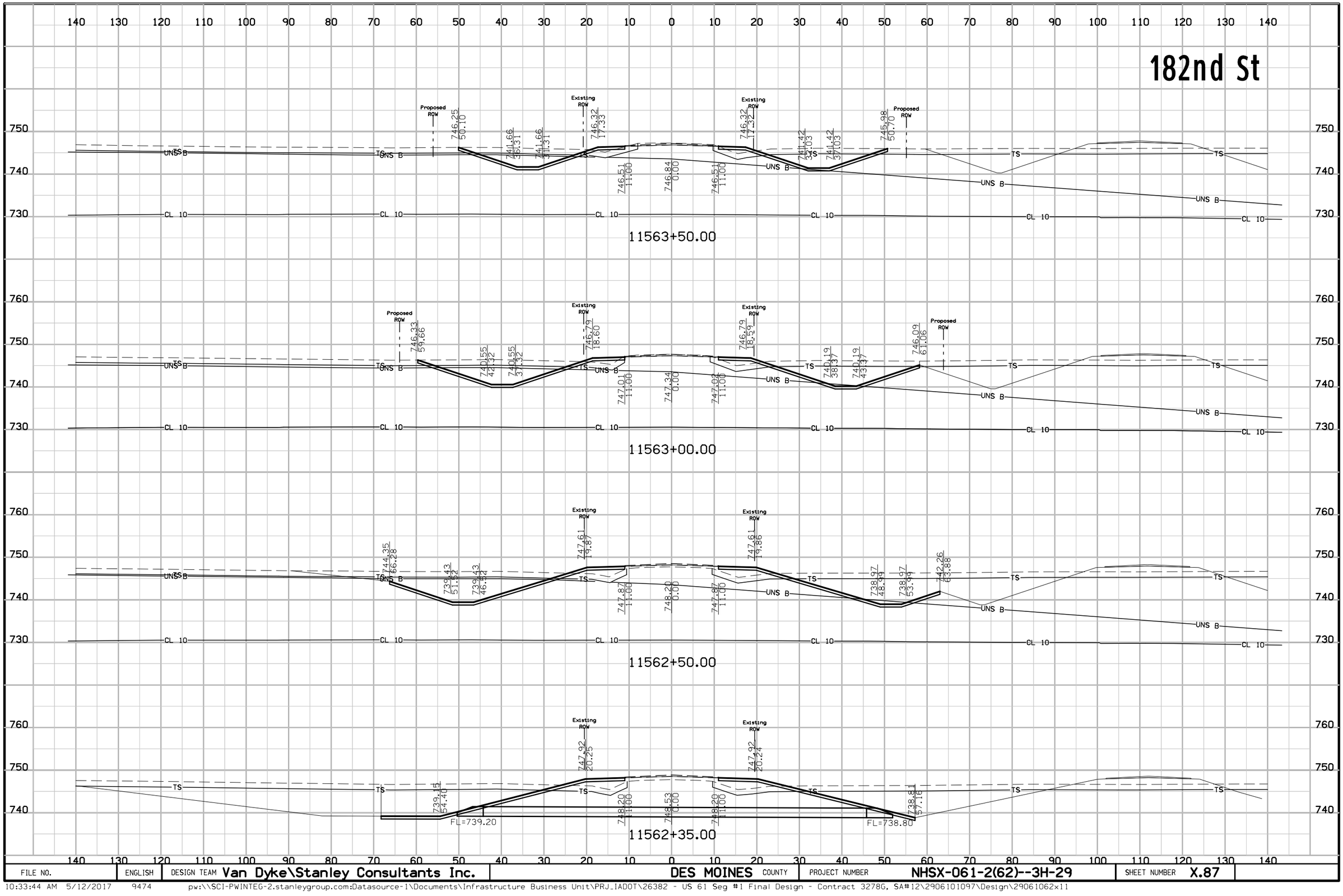
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.85

10:33:42 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x11

182nd St

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.86

182nd St

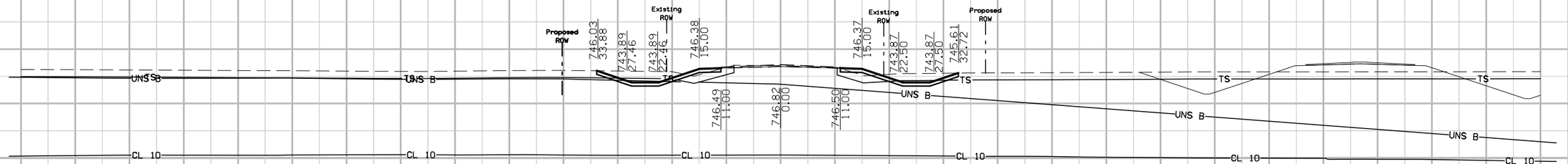


FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.87

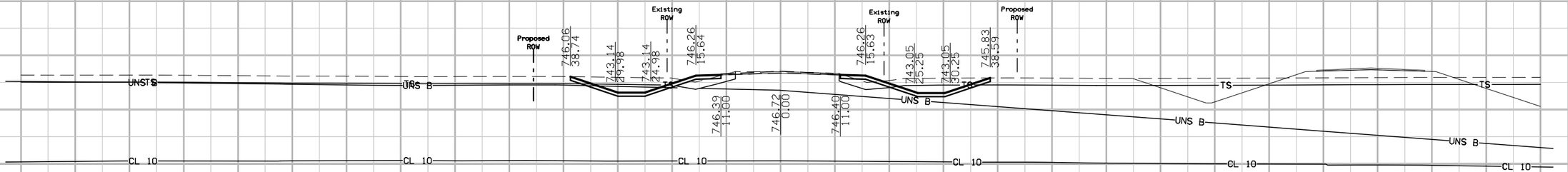
182nd St

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

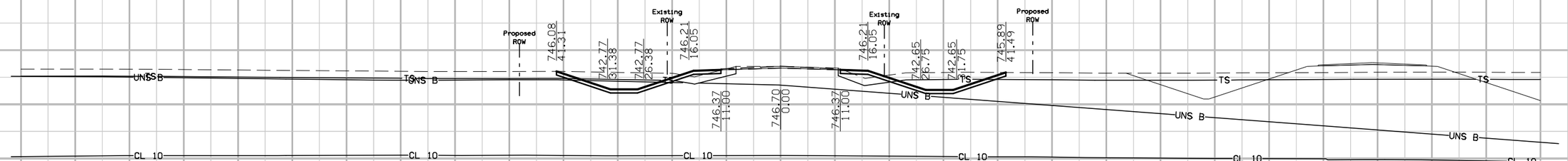
750 740 730



11564+50.00



11564+16.48



11564+00.00



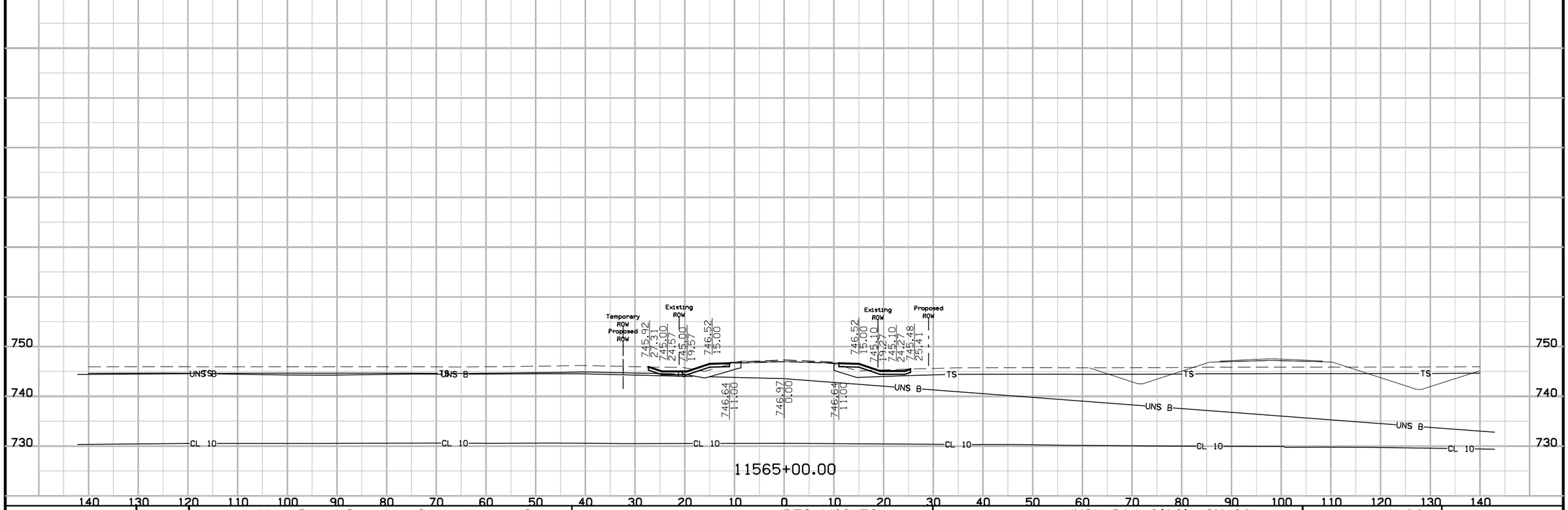
11563+95.63

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.88

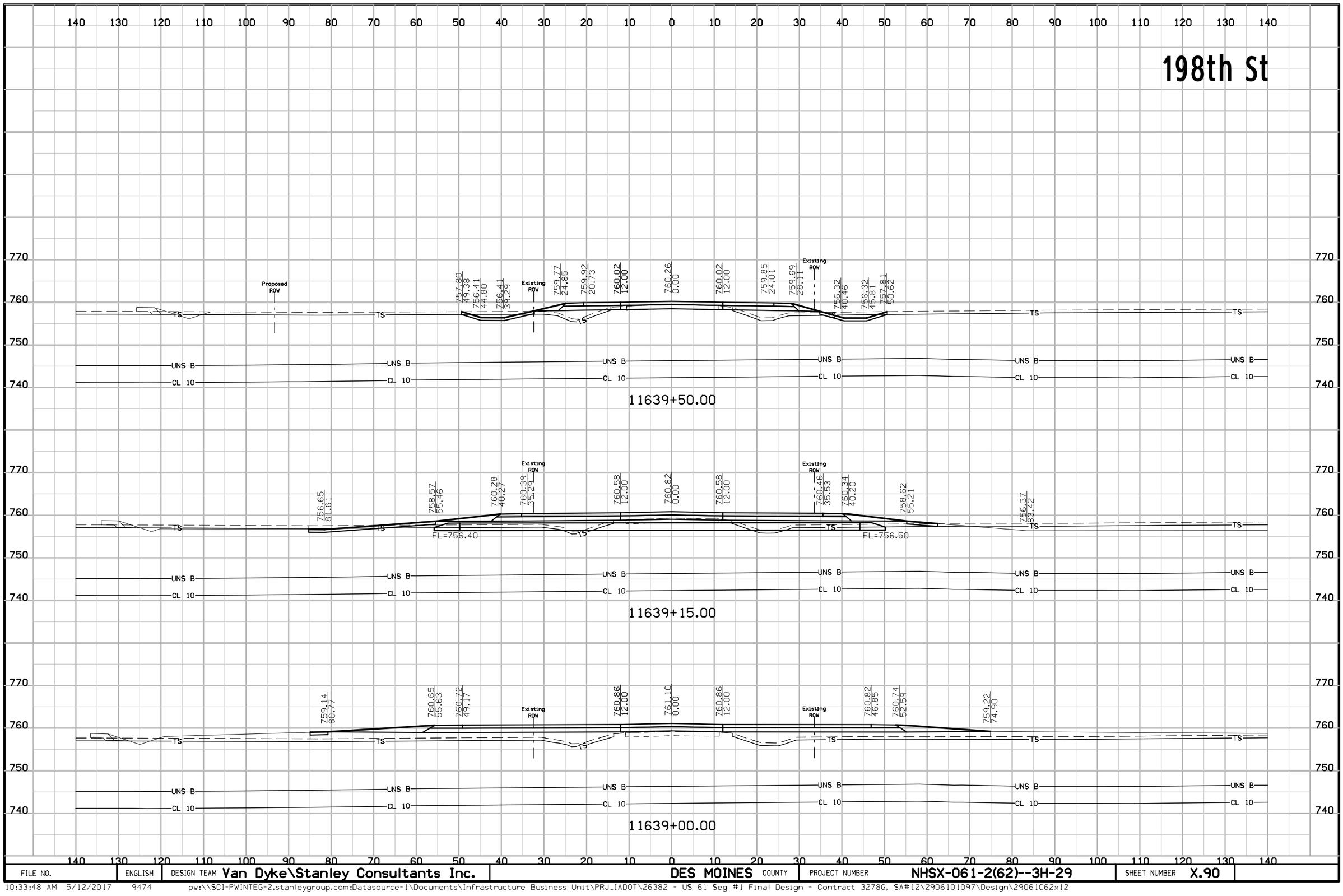
10:33:45 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x11

182nd St



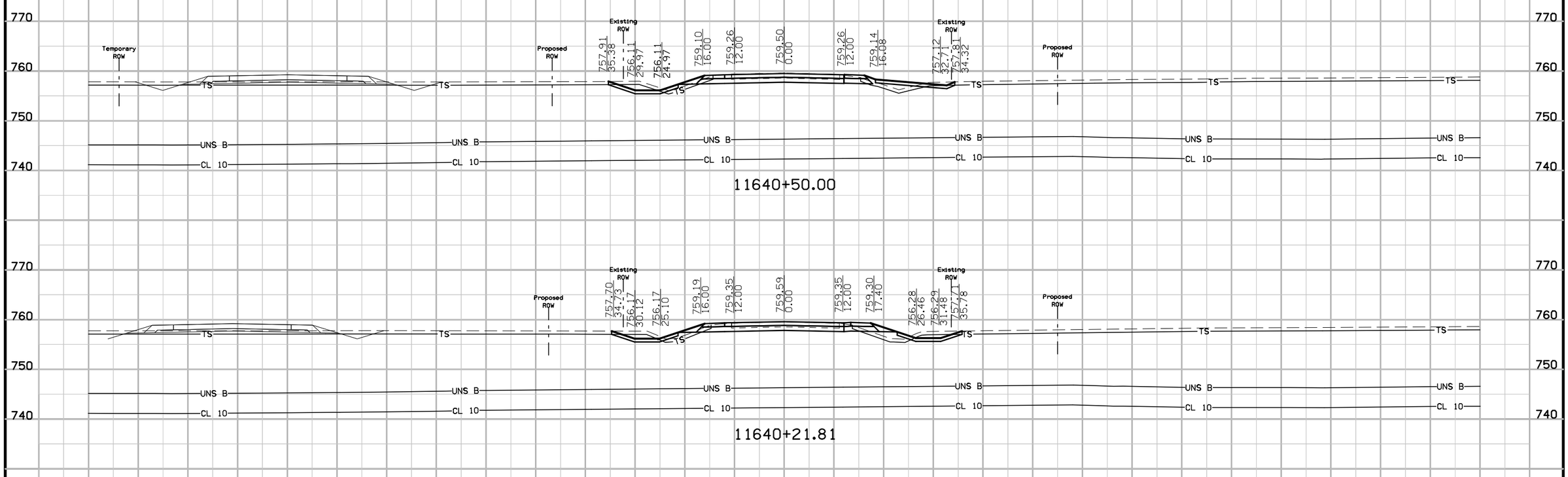
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.89

198th St



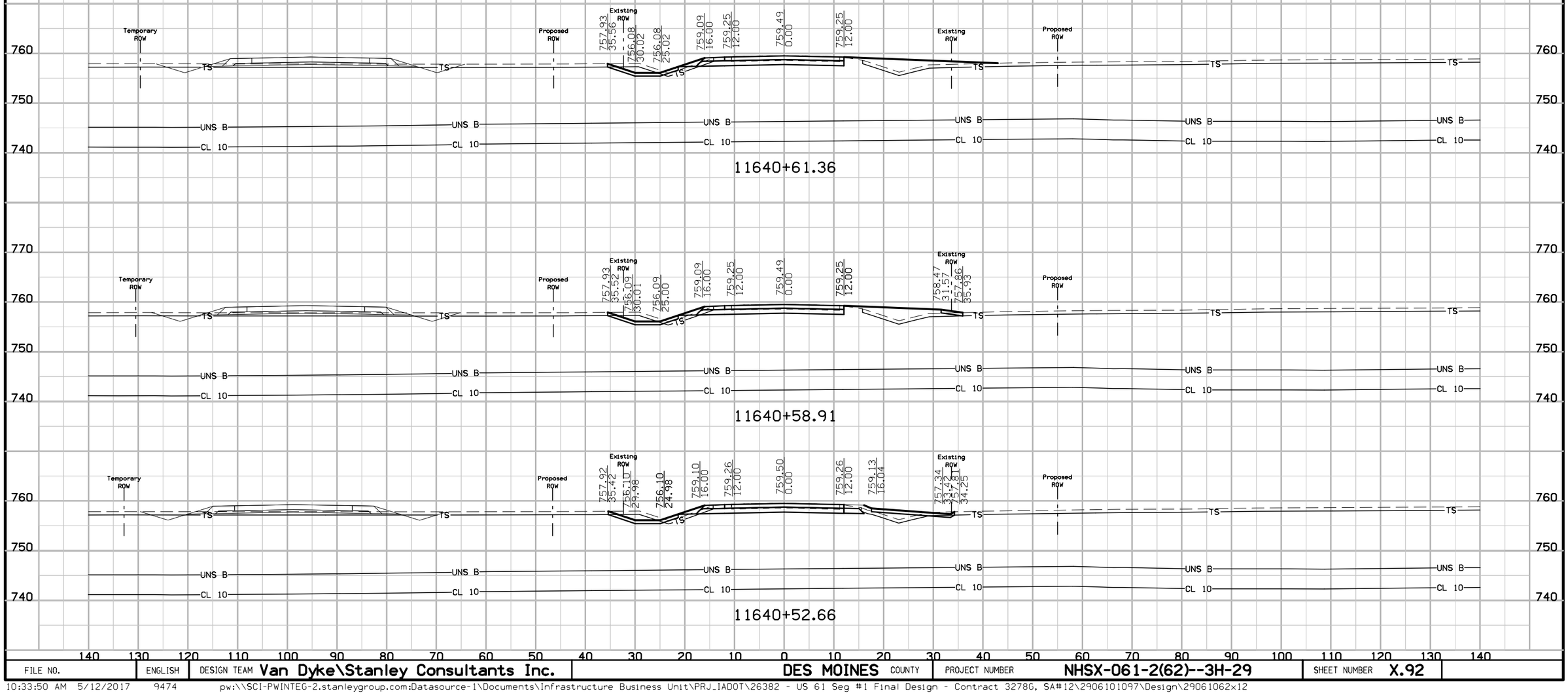
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.90

198th St



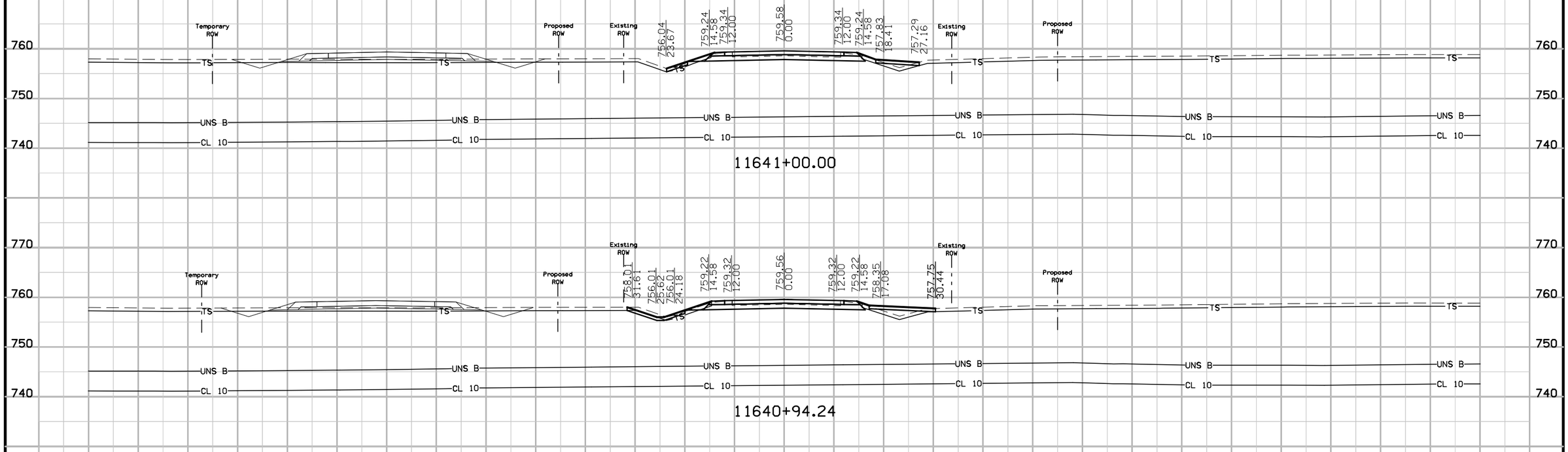
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.91

198th St



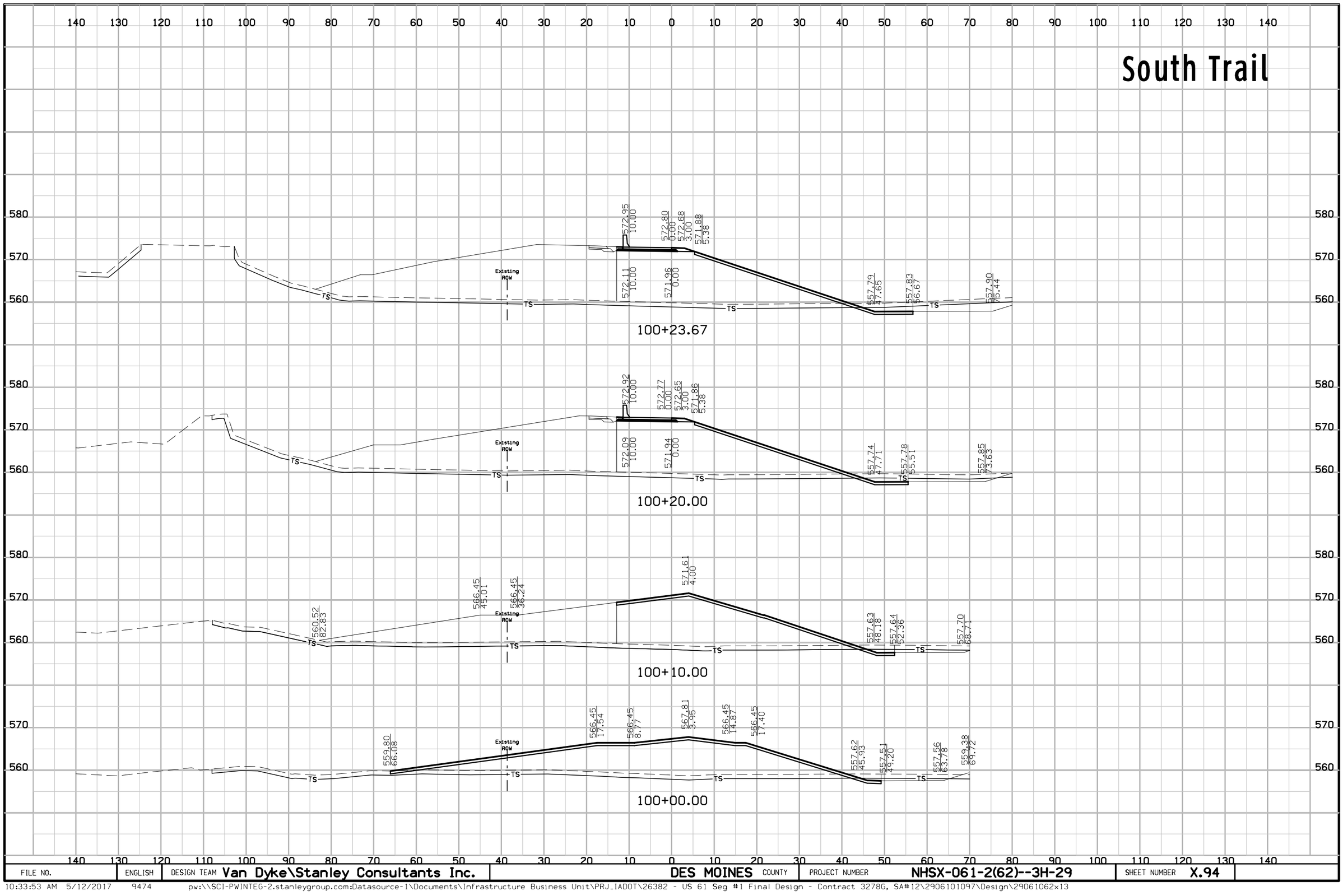
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.92

198th St



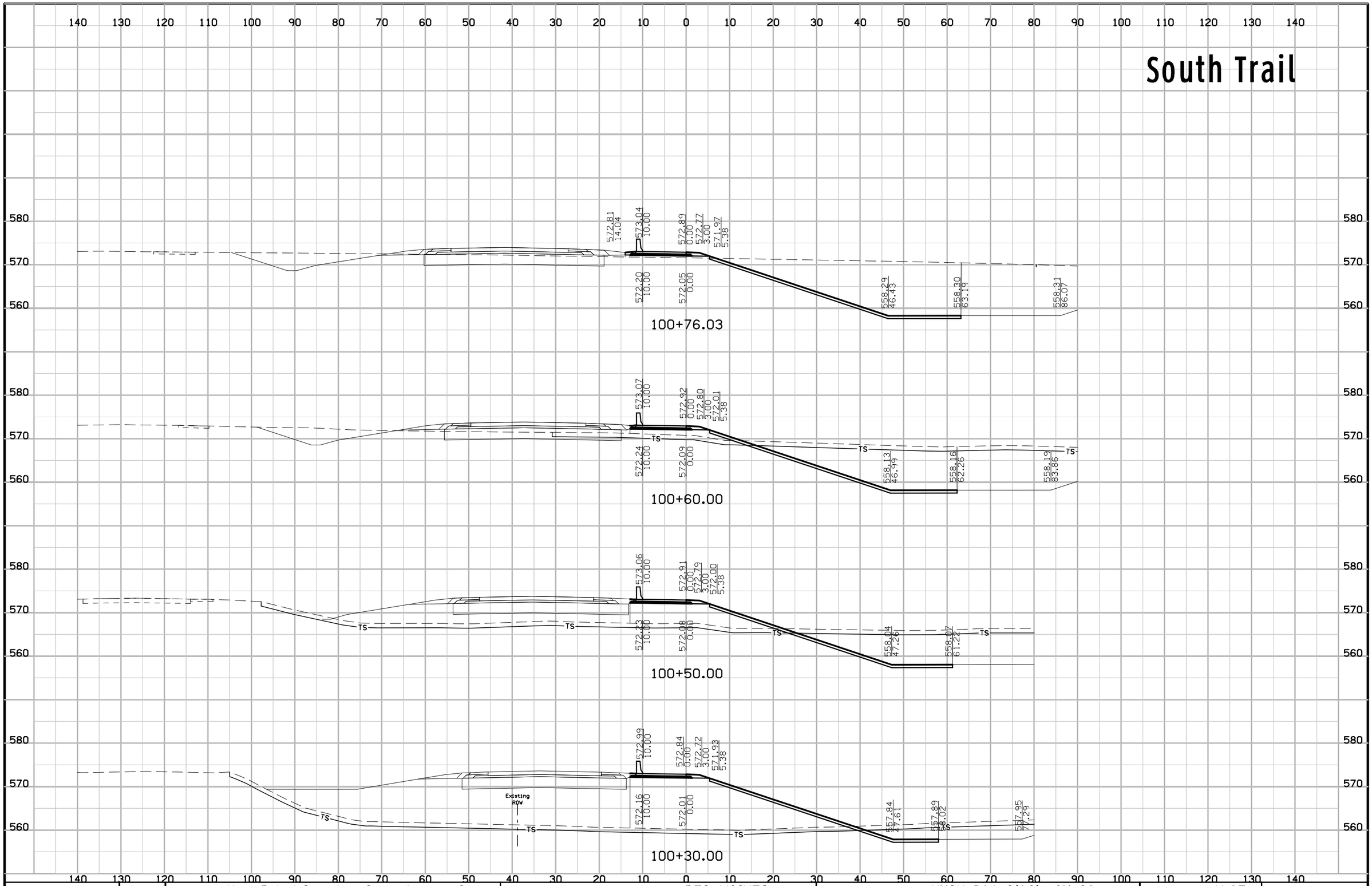
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.93

South Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.94

South Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.95

South Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540

CL 10 CL 10 CL 10 CL 10 CL 10

Existing ROW

TS TS TS TS TS

570.34 16.60 570.87 15.00 571.07 10.00 570.92 0.00 570.80 3.00 570.01 5.38

570.24 10.00 570.09 0.00 559.34 37.37 559.36 66.84 559.38 100.73

101+59.05

580 570 560

570.62 16.60 571.16 15.00 571.36 10.00 571.21 0.00 571.09 3.00 570.29 5.38

570.53 10.00 570.37 0.00 559.22 38.58 559.24 66.44 559.26 100.64

101+50.00

580 570 560

572.43 16.96 572.95 10.00 572.80 0.00 572.68 3.00 571.89 5.38

572.12 10.00 571.97 0.00 558.59 45.25 558.61 64.24 558.62 90.82

101+00.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.96

South Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

Existing ROW

556.09
66.22
555.16
63.43

555.16
53.43

567.44
16.60
567.97
15.00
568.18
10.00

568.02
0.00
567.91
3.00
567.11
5.38

559.77
27.41

567.34
10.00

567.19
0.00

TS

CL 10

102+50.00

565.91
33.90

569.05
17.68
567.57
15.00
569.77
10.00

569.62
0.00
569.50
3.00
568.70
5.38

559.56
32.80

559.29
68.51

559.00
107.20

568.93
10.00

568.78
0.00

Topsoil

Clay
Brown

Clayey Sand
Brown

A-6(15)
Clay
Gray

Poorly Graded Sand
tr. Gravel
Gray

Sandy Clay
tr. Gravel
Brown & Gray
(Till)

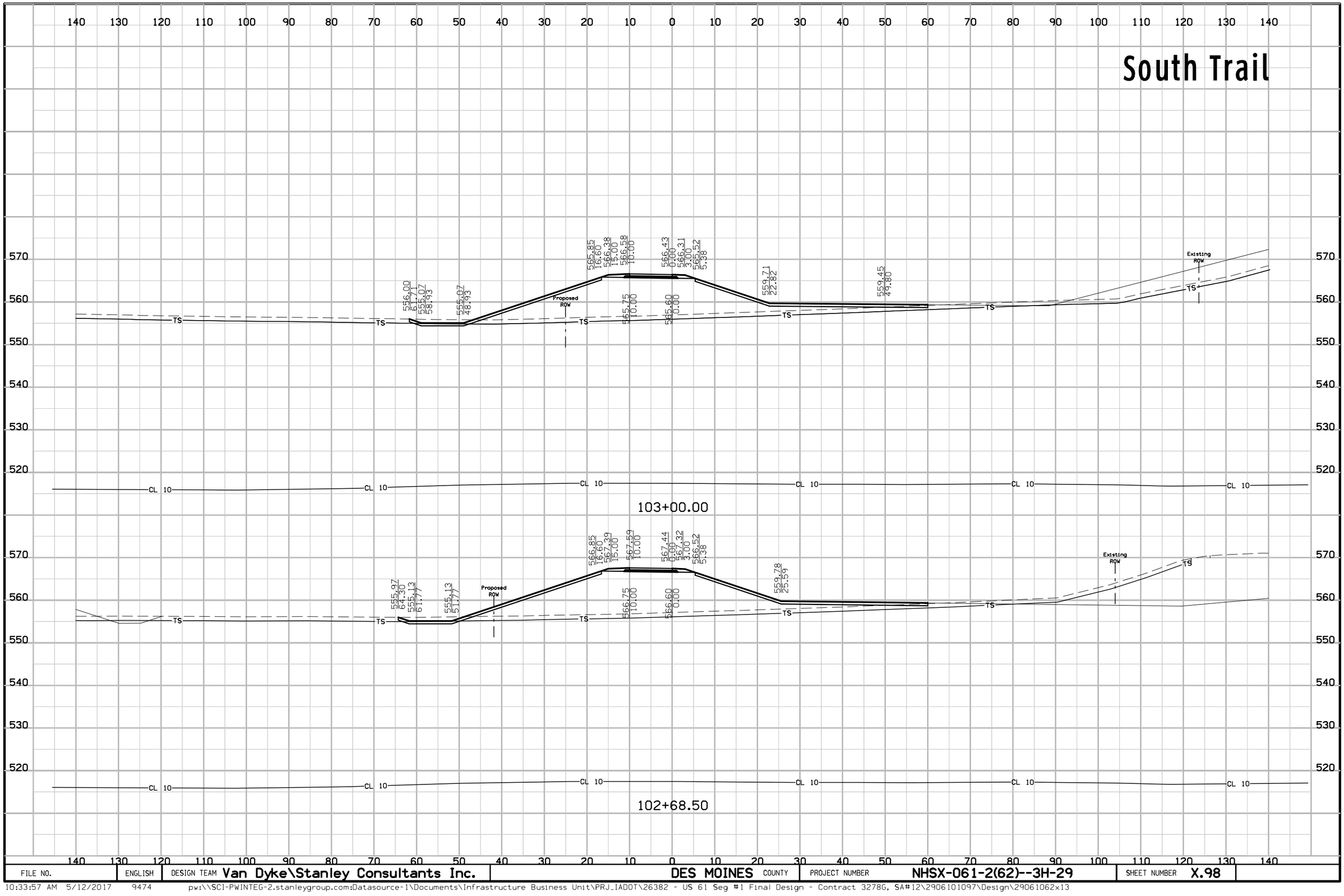
Poorly Graded Sand
Gray

A-6(12)
Gray Clay
tr. Sand

102+00.00

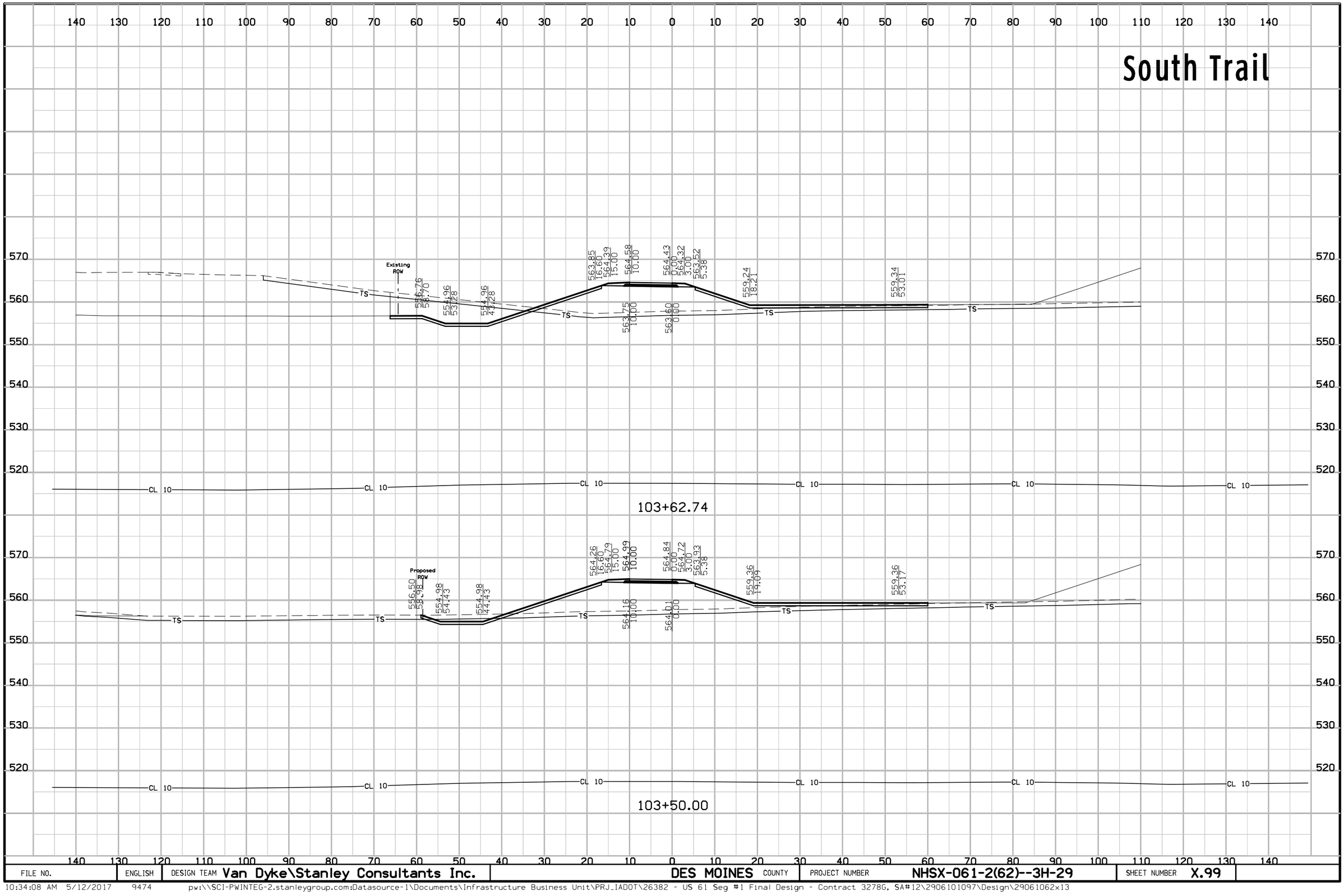
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.97

South Trail



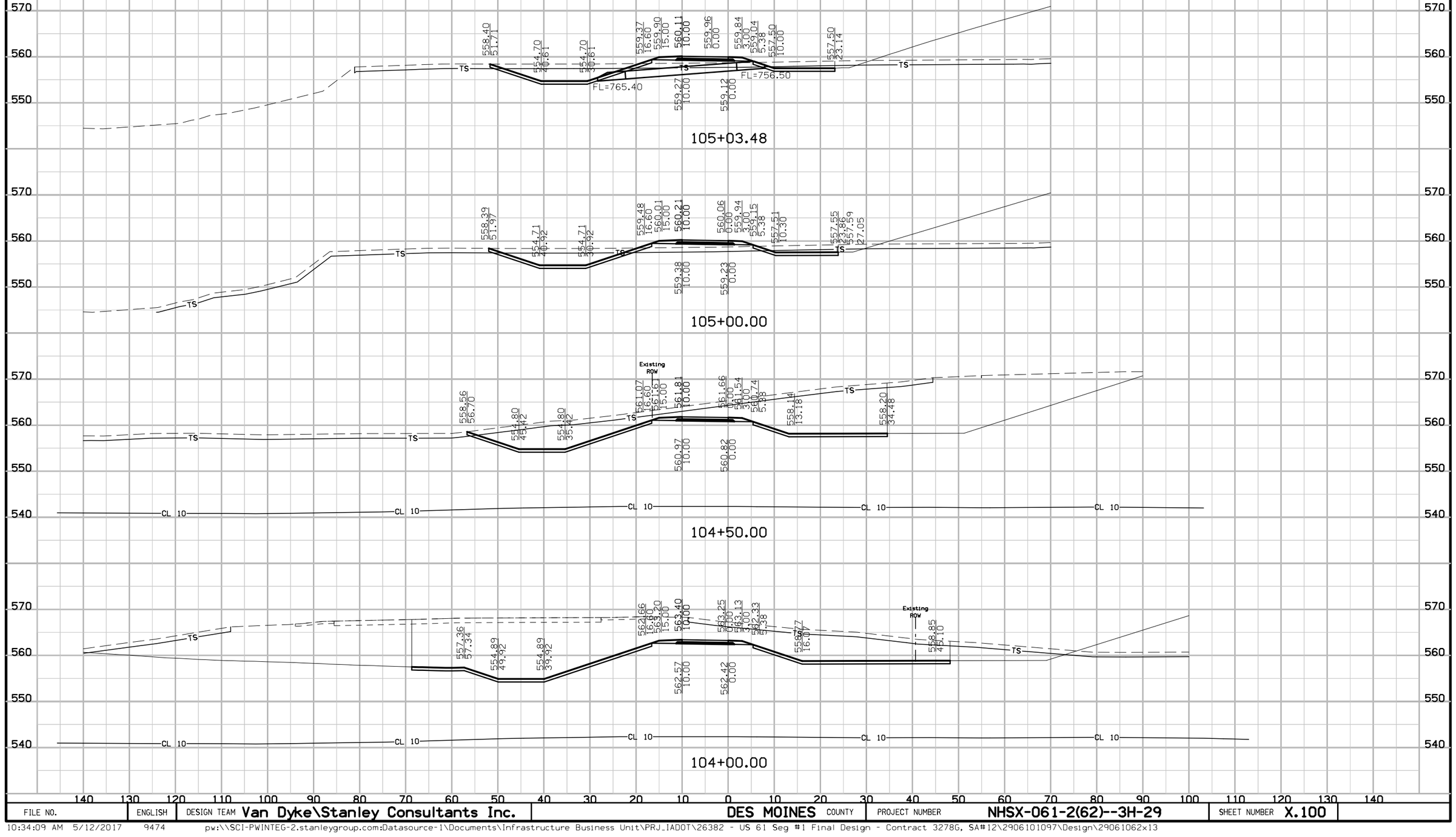
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.98

South Trail



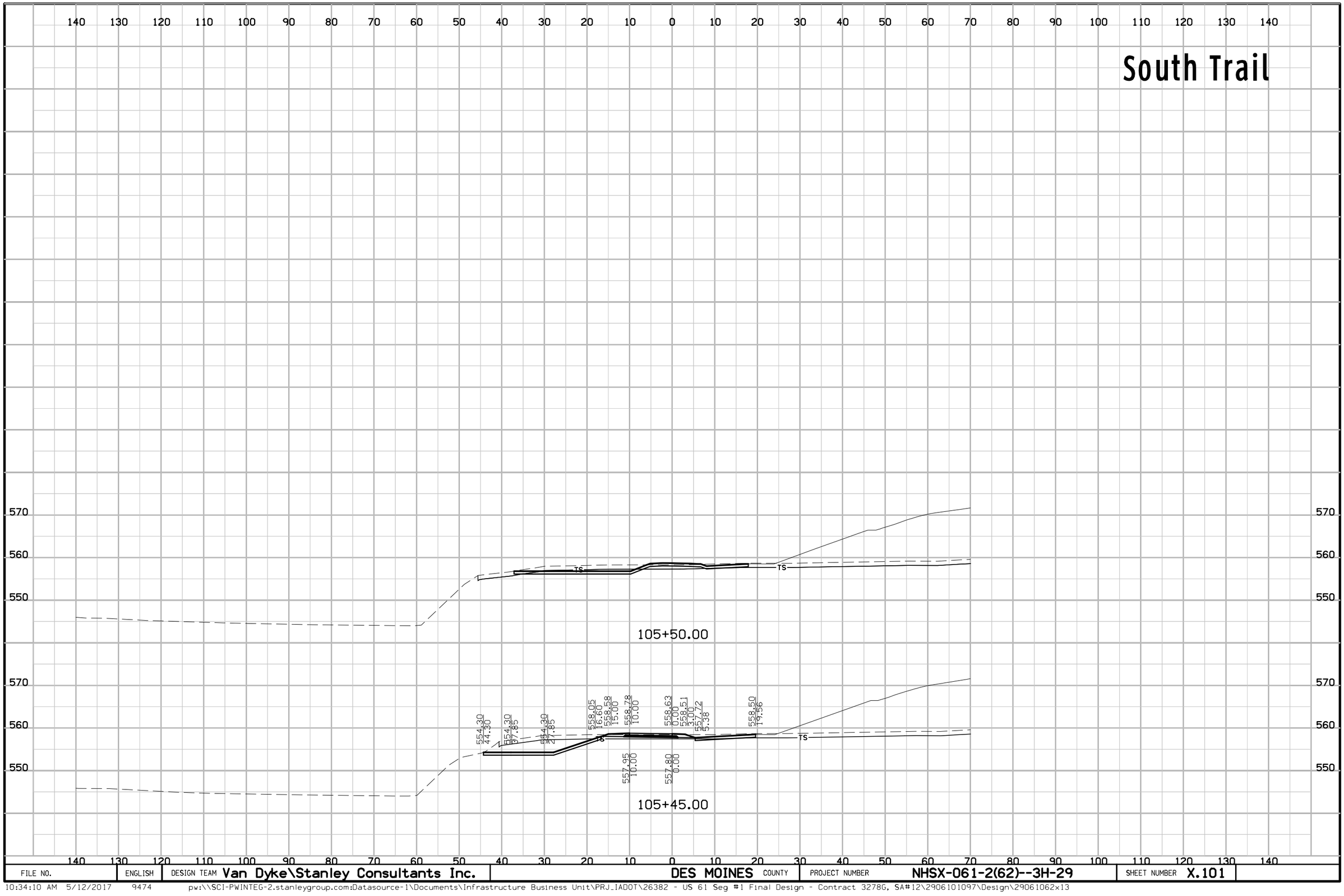
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.99

South Trail



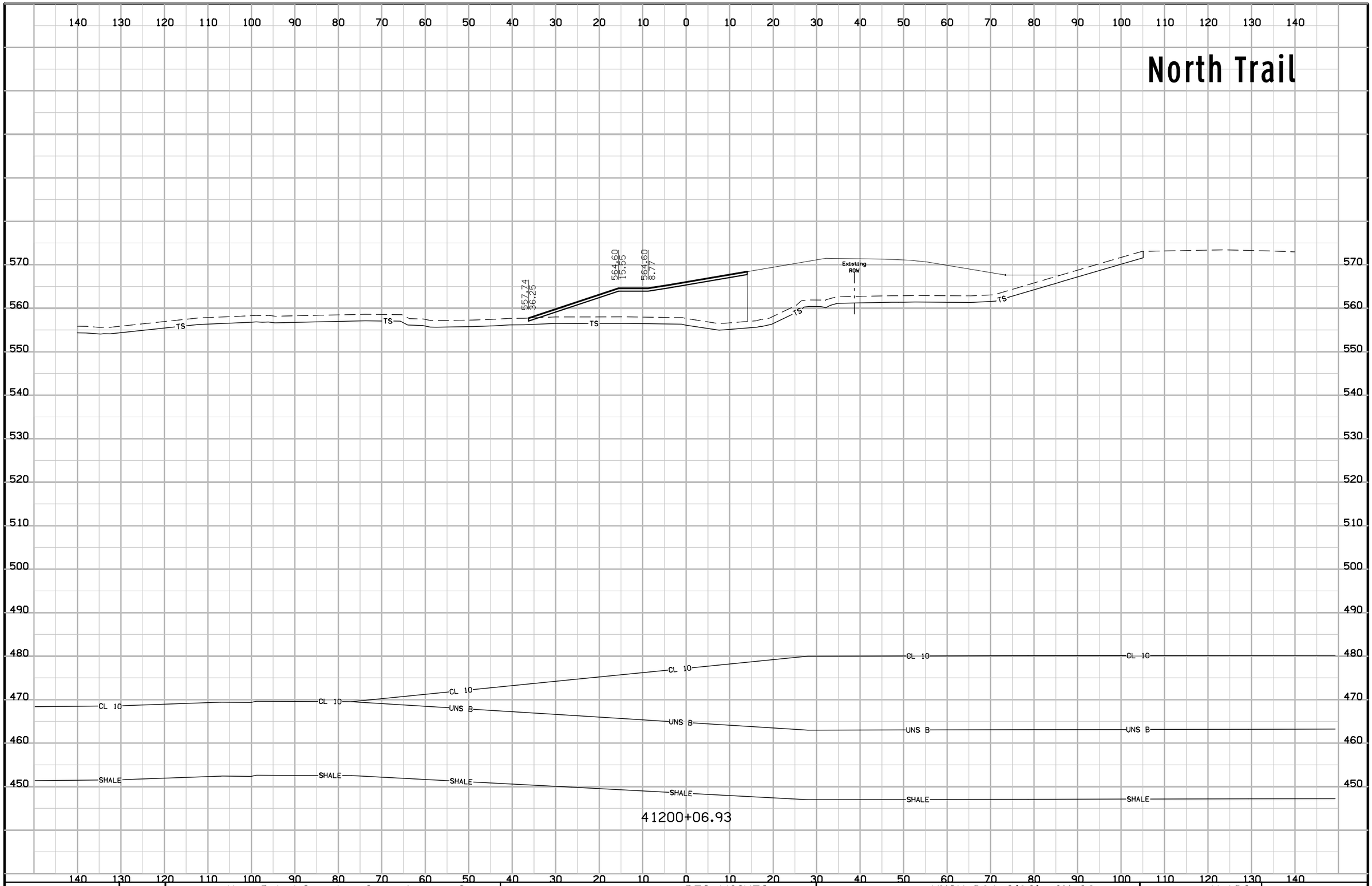
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.100

South Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.101

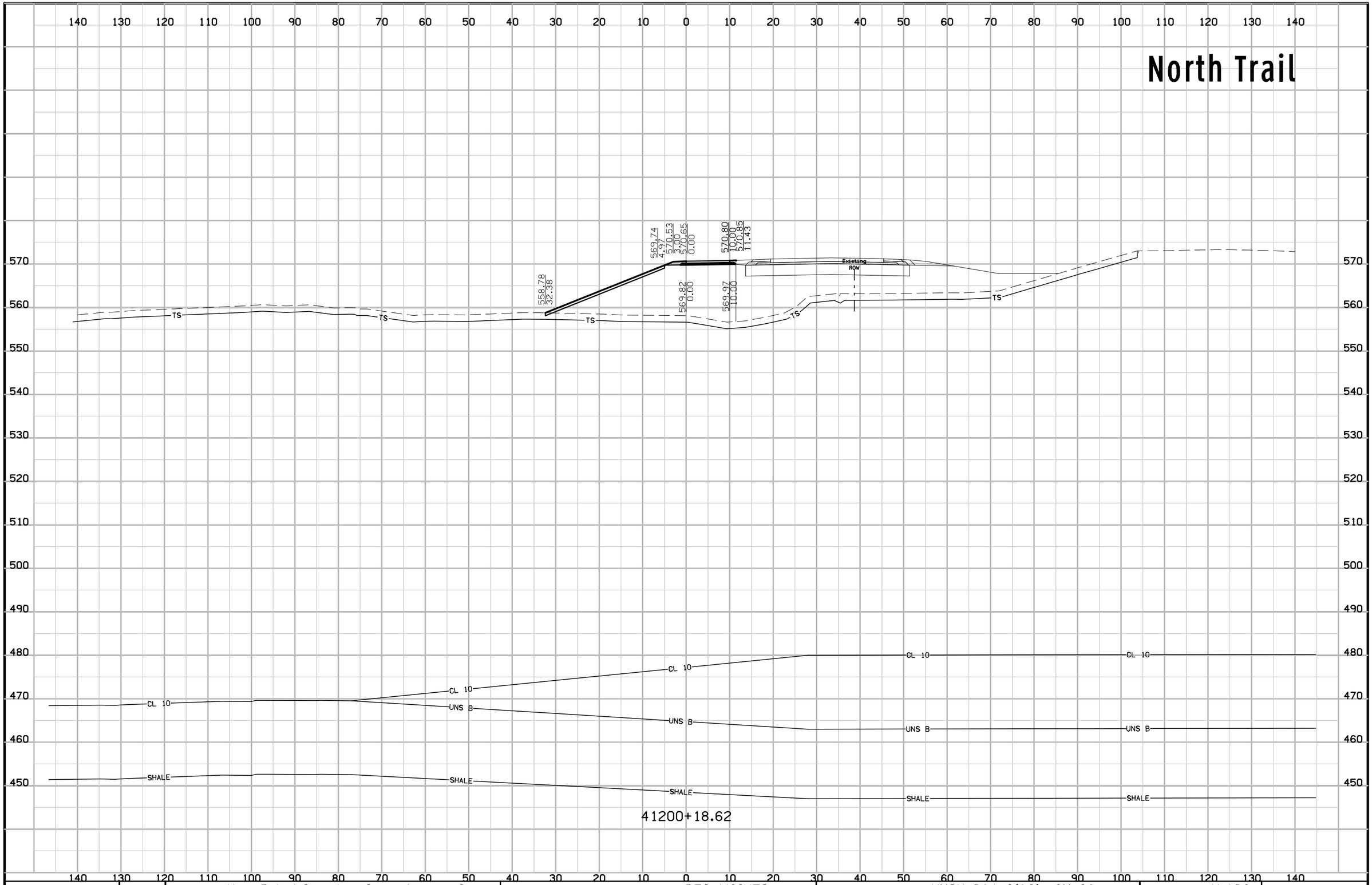
North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.102

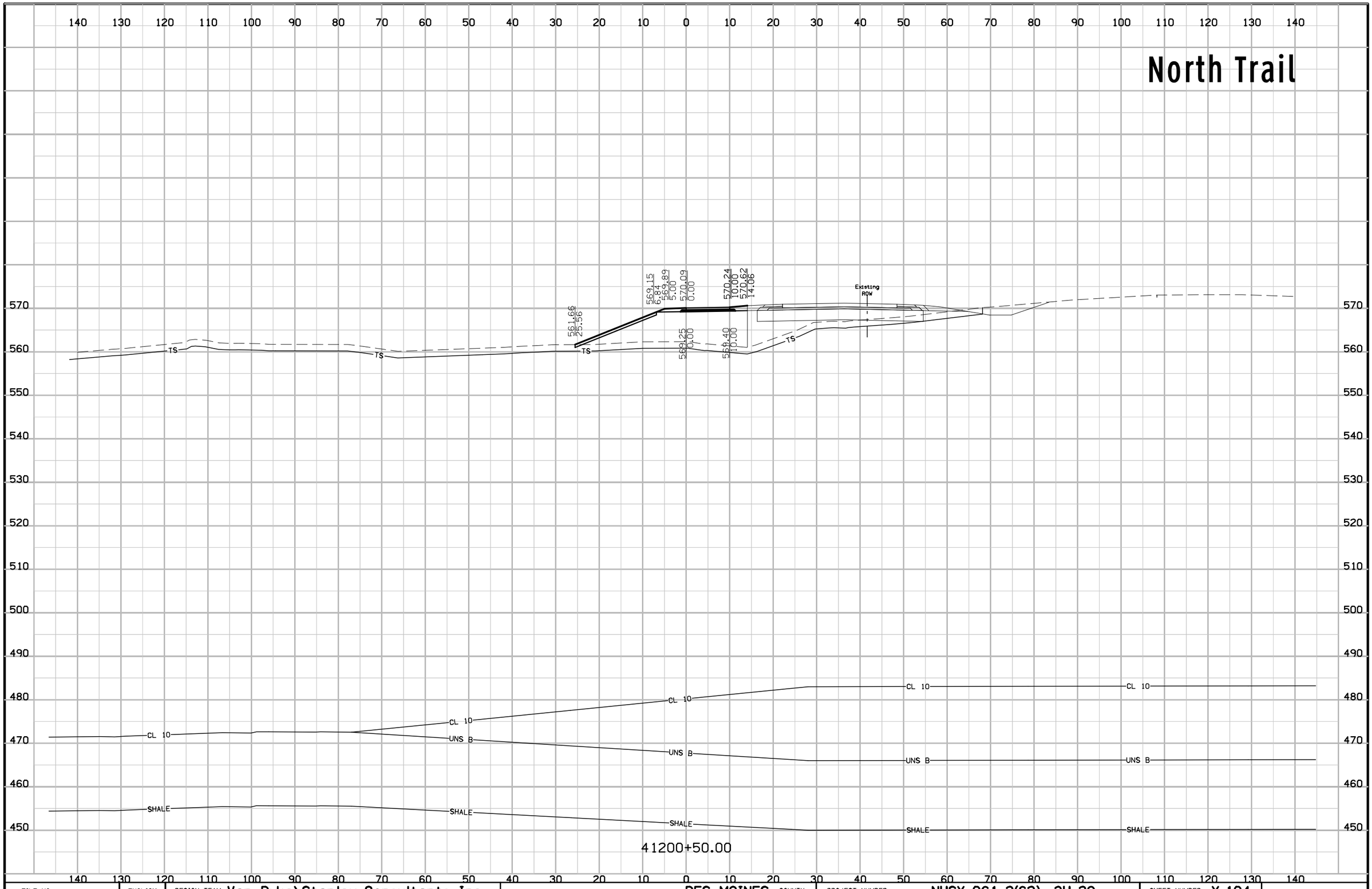
10:34:13 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x14

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.103

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.104

10:34:15 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x14

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570
560
550
540
530
520

564.96
31.09

565.30
14.22

568.25
6.84
568.99
5.00

569.19
0.00

569.34
10.00
569.22
13.00
568.59
15.52

566.35
0.00

568.50
10.00

Existing ROW

TS
TS
TS
TS
TS

CL 10
CL 10
CL 10
CL 10

41201+00.00

565.42
14.56

568.51
6.84
568.25
5.00

569.44
0.00

569.59
10.00
569.54
11.27
568.83
14.15

568.6
0.00

568.76
10.00

Existing ROW

TS
TS
TS
TS
TS

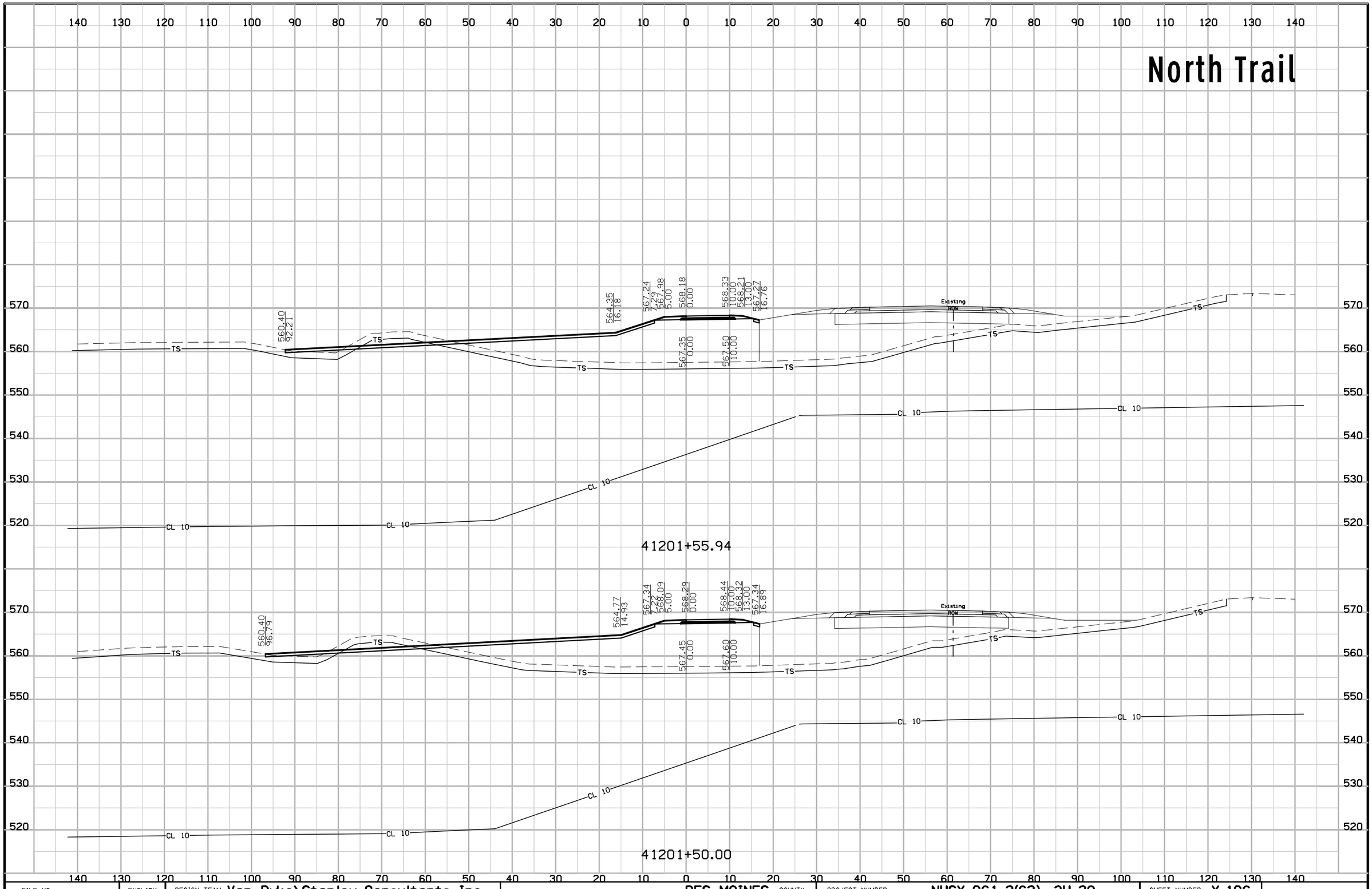
CL 10
CL 10
CL 10
CL 10

41200+85.61

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.105

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.106

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570
560
550
540
530
520

560.40
69.67

566.39
7.98
567.14
5.00
567.34
0.00

567.49
10.00
567.37
13.00
566.74
15.52

561.22
28.39

566.51
0.00

566.66
10.00

Existing ROW

TS

CL 10

41202+02.55

560.40
70.98

566.43
7.93
567.19
5.00
567.39
0.00

567.54
10.00
567.42
13.00
566.79
15.52

561.23
28.20

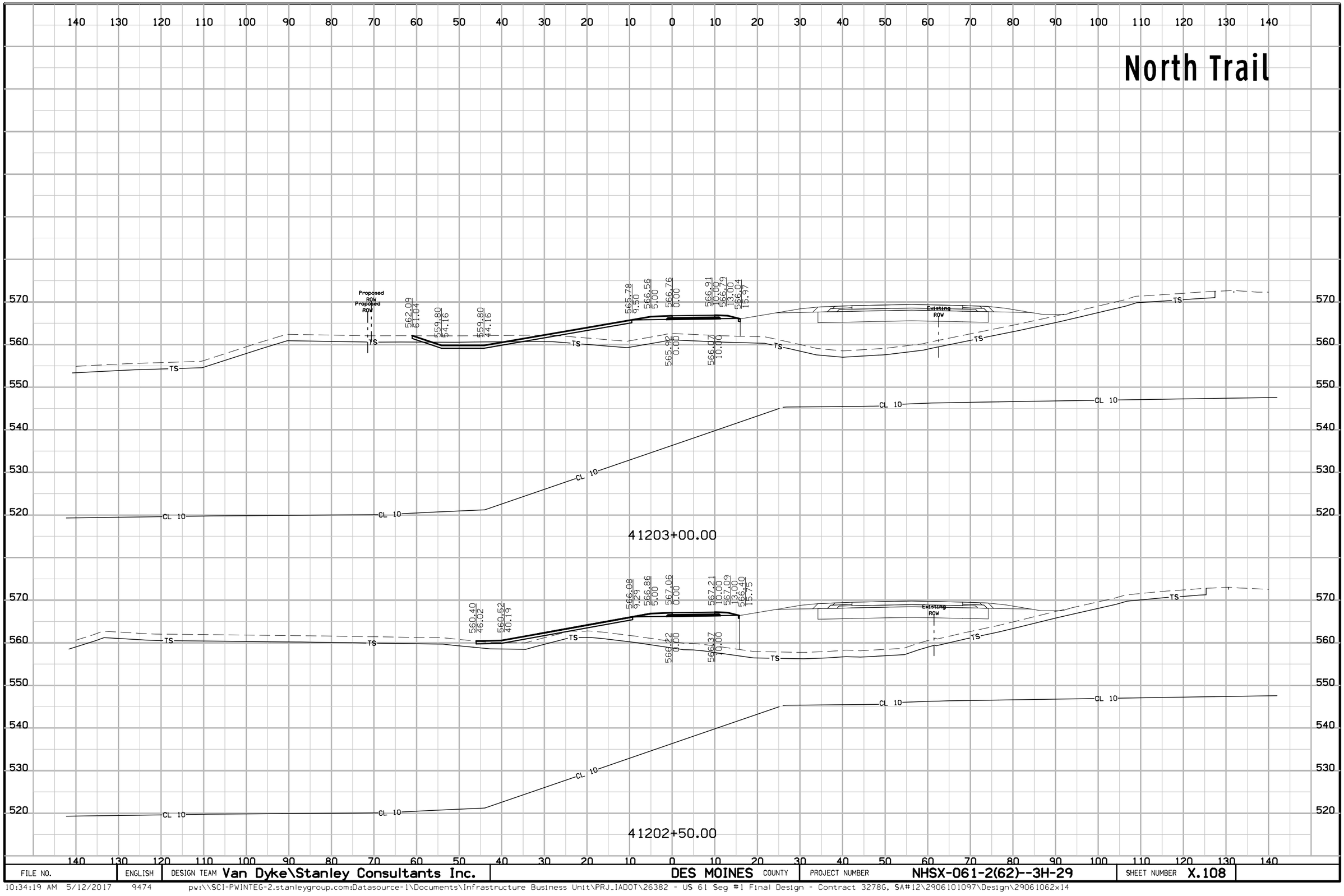
566.55
0.00

566.70
10.00

41202+00.00

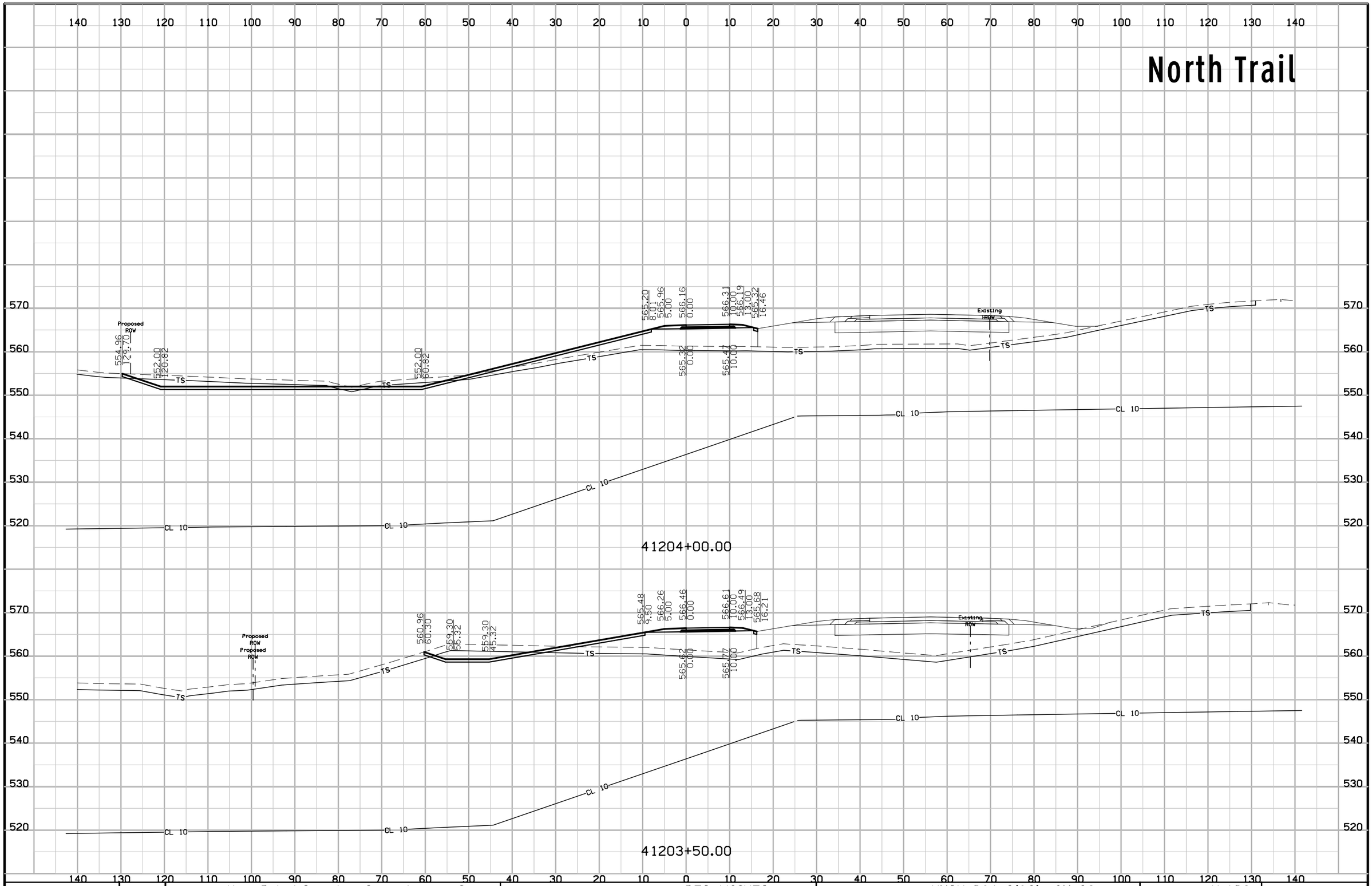
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.107

North Trail



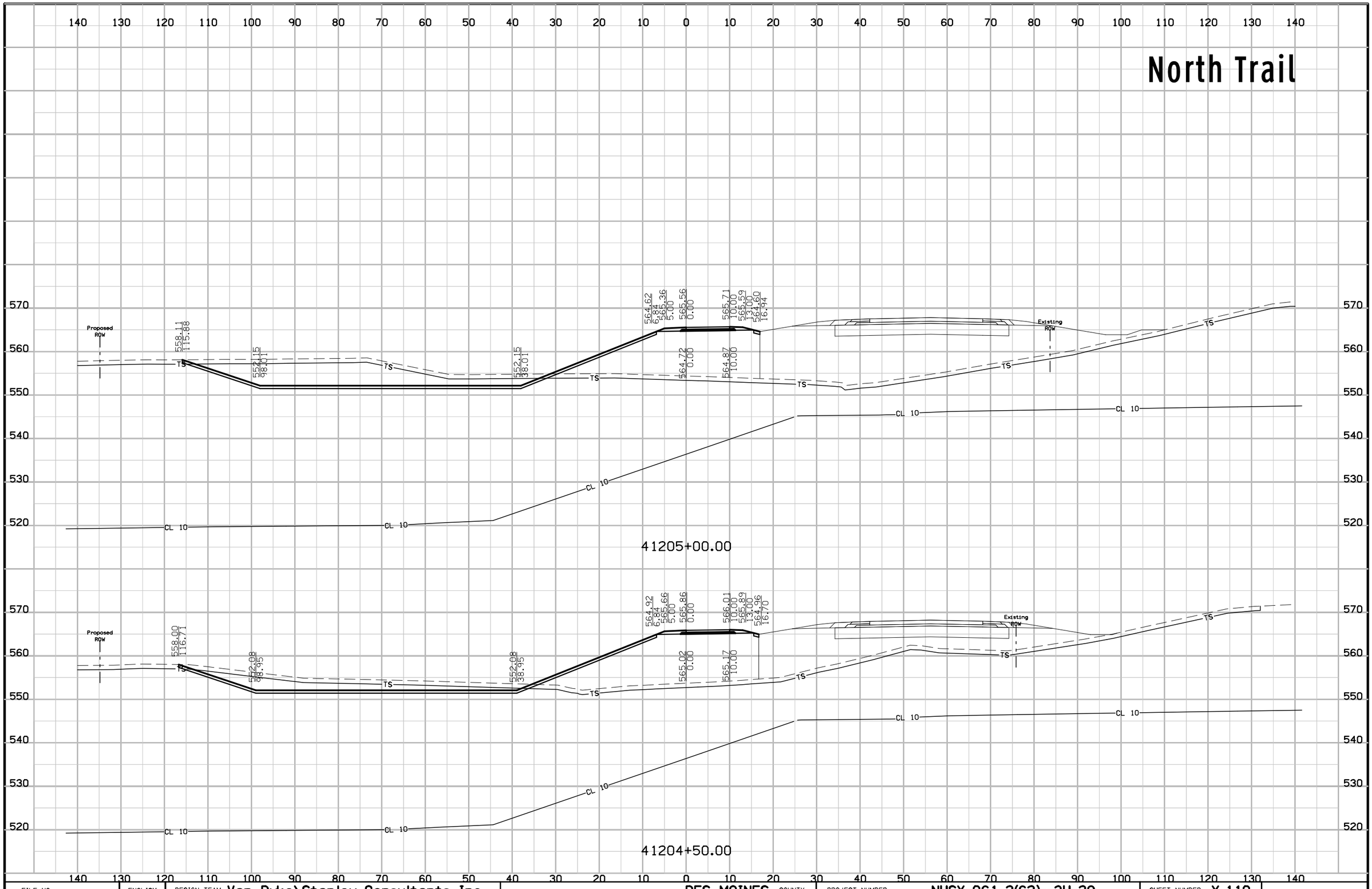
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.108

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.109

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.110

10:34:20 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x14

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

557.41
111.46

552.30
96.13

552.30
36.13

564.02
6.84
564.76
5.00
564.96
0.00

565.11
10.00
564.99
13.00
564.06
16.69

564.12
0.00

564.27
10.00

Existing ROW

TS TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41206+00.00

Proposed ROW

557.27
112.19

552.23
97.07

552.23
37.07

564.32
6.84
565.06
5.00
565.26
0.00

565.41
10.00
565.29
13.00
564.33
16.82

564.42
0.00

564.57
10.00

Existing ROW

TS TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41205+50.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.111

10:34:21 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x14

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

557.56
109.94

552.43
94.56

552.43
34.56

563.52
6.84
564.25
5.00

564.45
0.00

563.62
0.00

564.60
10.00
564.48
13.00
563.62
16.45

563.77
10.00

Existing ROW

TS TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10

41206+83.61

Proposed ROW

557.76
111.32

552.38
93.19

552.38
35.19

563.72
6.84
564.46
5.00

564.66
0.00

564.81
10.00
564.69
13.00
563.79
16.56

563.82
0.00

563.97
10.00

Existing ROW

TS TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10

41206+50.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.112

10:34:22 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x14

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

558.27
110.52

552.53
93.81

552.53
33.31

563.12
6.84
563.86
5.00
564.06
0.00

564.21
10.00
564.09
13.00
563.32
16.07

563.22
0.00

563.37
10.00

TS TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41207+50.00

Proposed ROW

557.70
109.98

552.46
94.25

552.46
34.23

563.42
6.84
564.16
5.00
564.36
0.00

564.51
10.00
564.39
13.00
563.56
16.30

563.32
0.00

563.87
10.00

Existing ROW

TS TS TS TS TS TS TS

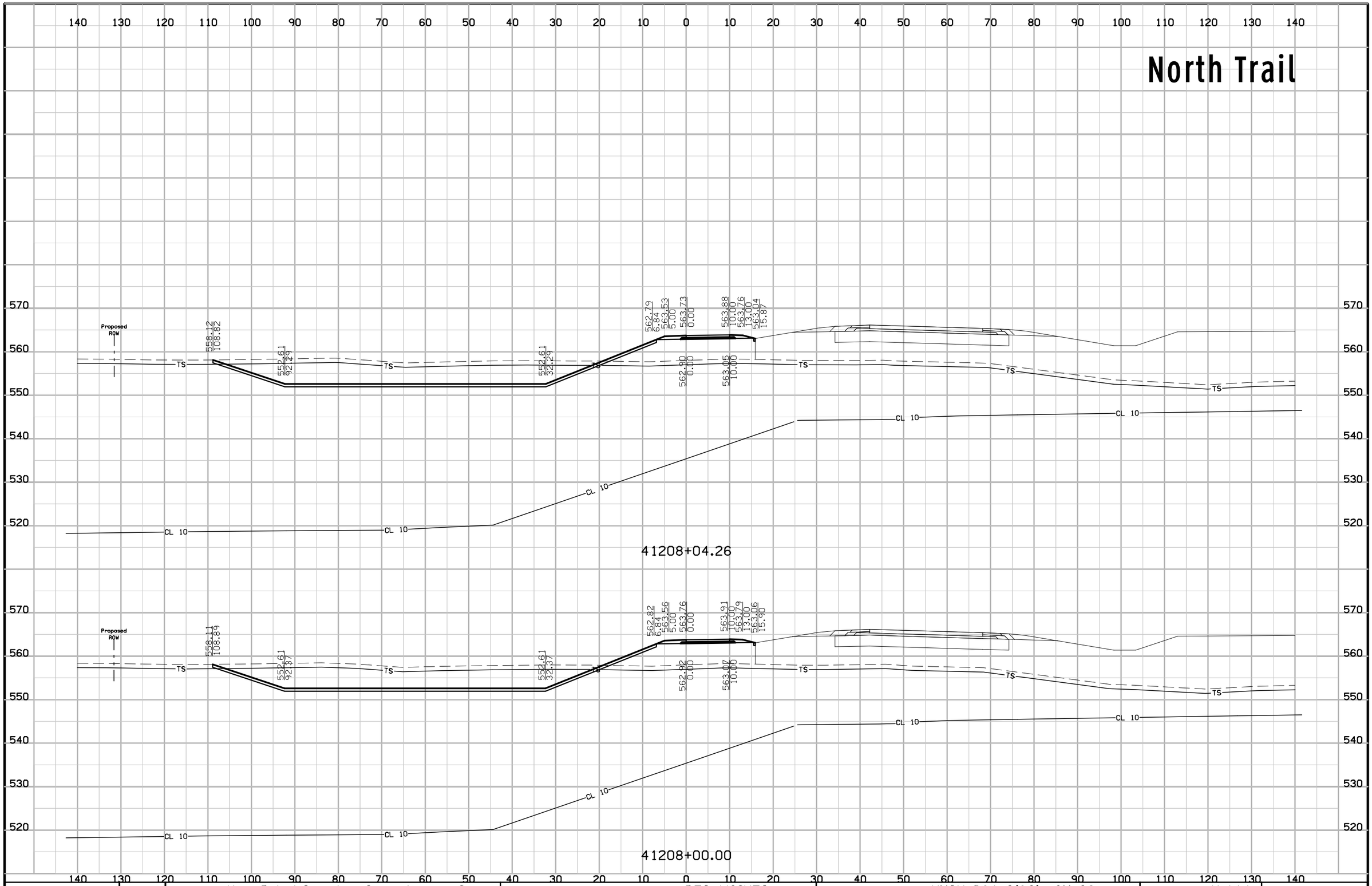
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41207+00.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

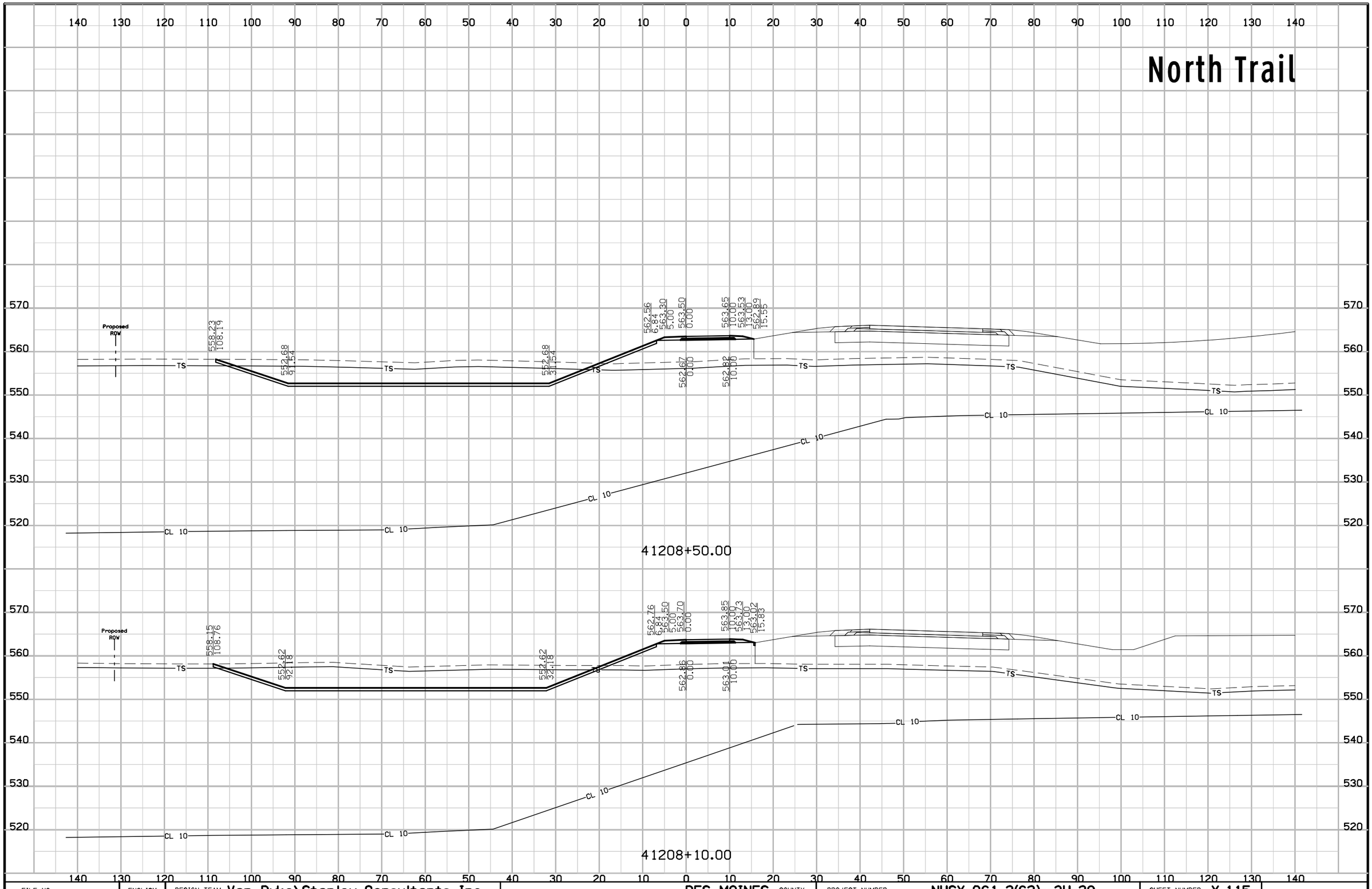
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.113

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.114

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.115

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

558.14
107.18

554.76
91.03

552.76
31.03

562.44
6.84
563.17
5.00
563.37
0.00

563.52
10.00
563.40
13.00
562.77
15.52

FL=562.80
FL=560.70

562.54
0.00

562.69
10.00

FL=552.80
FL=553.30

TS

CL 10

41209+00.00

Proposed ROW

558.21
107.74

552.71
91.29

552.71
31.29

562.50
6.84
563.23
5.00
563.43
0.00

563.58
10.00
563.46
13.00
562.83
15.52

562.60
0.00

562.75
10.00

TS

CL 10

41208+70.19

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.116

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

557.84
105.89

554.84
90.86

552.83
30.86

562.44
6.84
563.18
5.00
563.38
0.00

563.53
10.00
563.41
13.00
562.78
15.52

562.54
0.00

562.69
10.00

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41209+50.00

Proposed ROW

558.05
106.69

554.79
90.91

552.79
30.91

562.42
6.84
563.16
5.00
563.36
0.00

563.51
10.00
563.39
13.00
562.76
15.52

562.53
0.00

562.68
10.00

TS TS TS TS TS TS

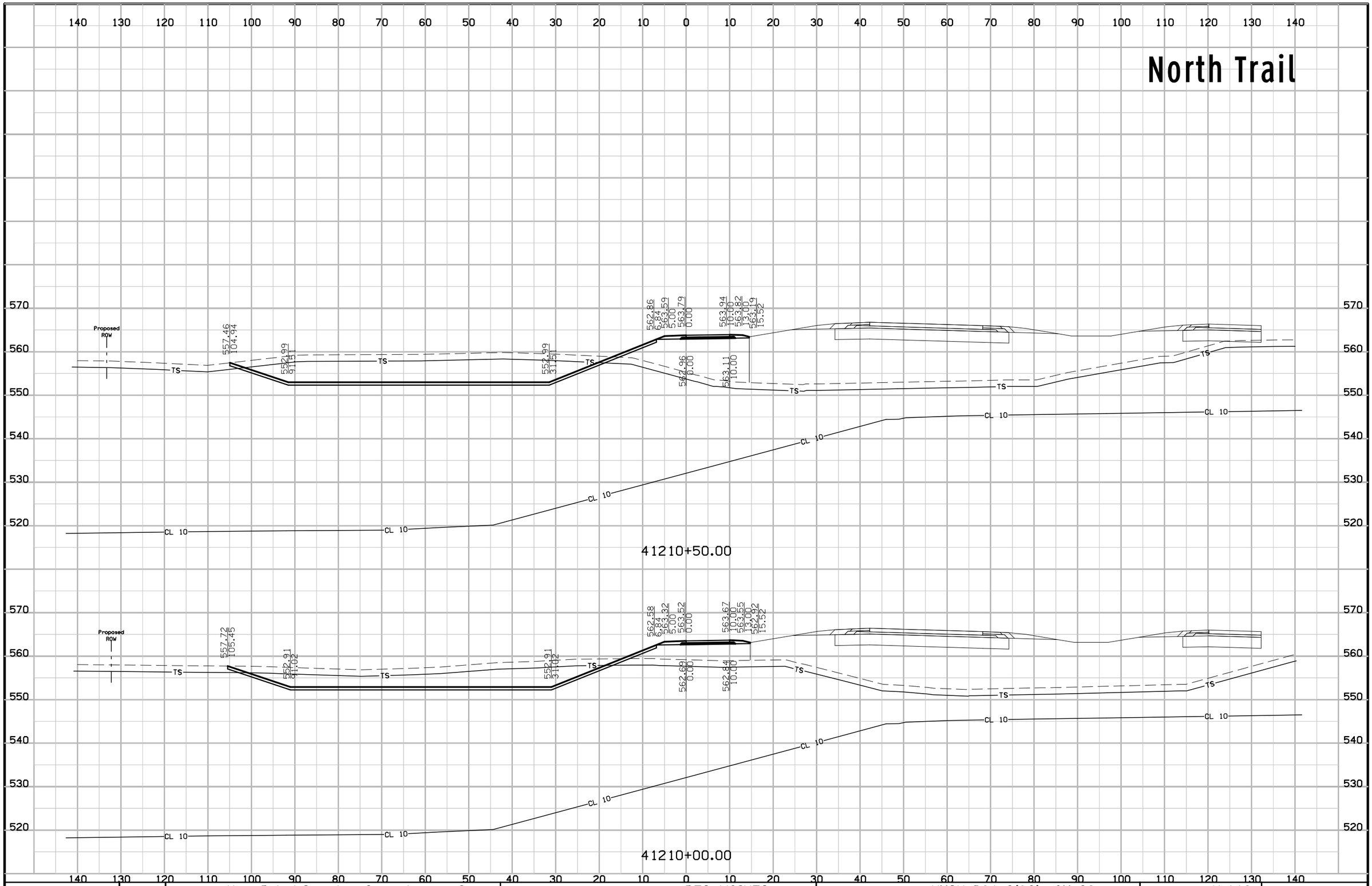
CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41209+22.50

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.117

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.118

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

559.17
111.59

553.14
33.50

553.14
33.50

563.80
6.84
564.54
5.00
564.74
0.00

564.89
10.00
564.77
13.00
564.14
15.52

563.91
0.00

564.05
10.00

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41211+50.00

Proposed ROW

559.14
110.56

553.06
92.34

553.06
32.34

563.26
6.84
564.00
5.00
564.20
0.00

564.35
10.00
564.23
13.00
563.60
15.52

563.37
0.00

563.51
10.00

TS TS TS TS TS TS

CL 10 CL 10 CL 10 CL 10 CL 10 CL 10

41211+00.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.119

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570
560
550
540
530
520

565.04
28.13
563.10
22.31
563.10
12.31
566.02
5.00
566.22
0.00
566.37
10.00
566.25
13.00
565.62
15.52
565.38
0.00
565.53
10.00

Proposed ROW

TS
UNS B
CL 10

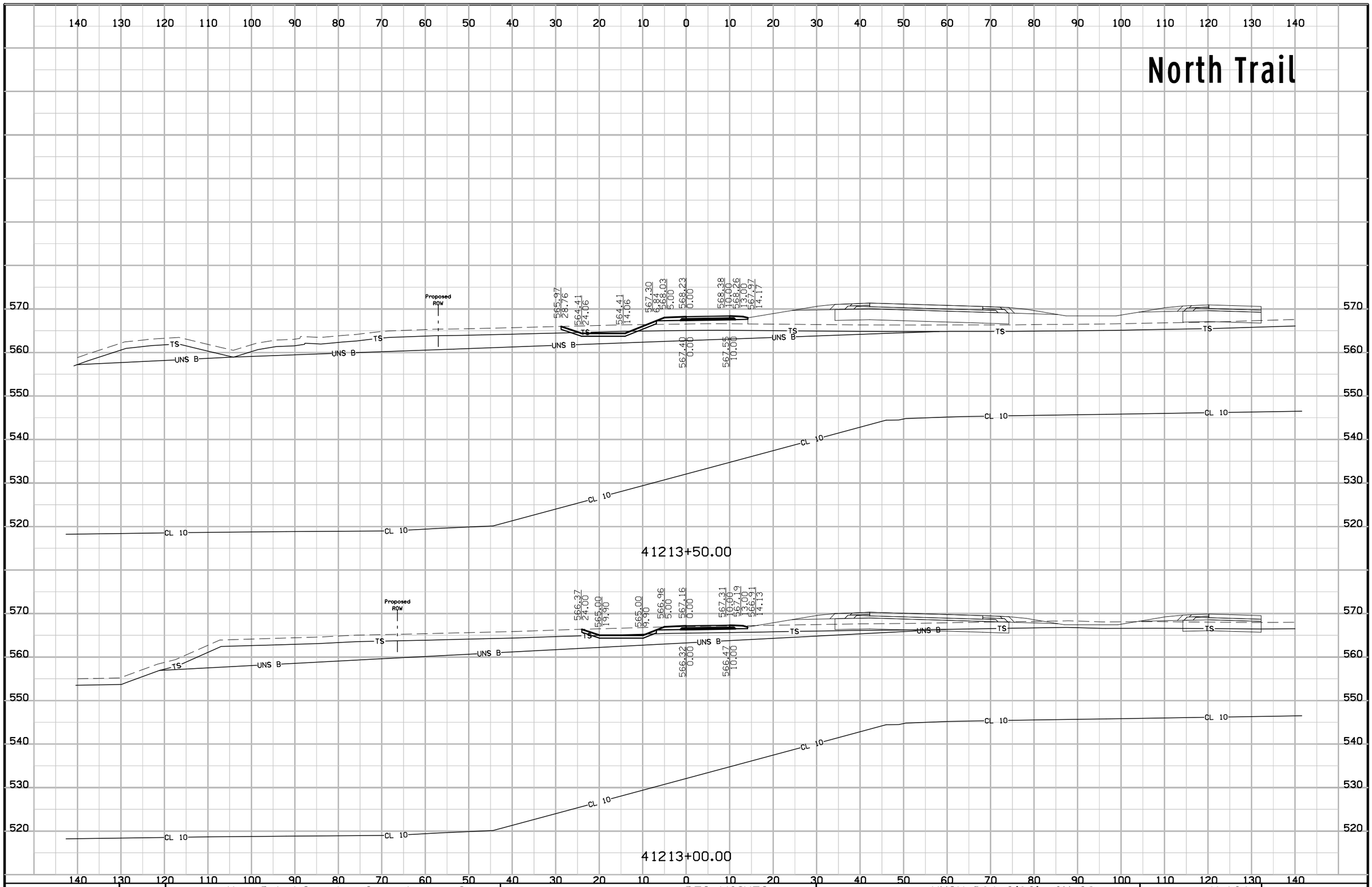
41212+50.00

564.48
6.54
563.21
5.00
565.41
0.00
565.56
10.00
565.44
13.00
564.81
15.52
561.19
24.65
561.19
15.05
564.58
0.00
564.73
10.00

41212+00.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.120

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.121

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

570 560 550 540 530 520

Proposed ROW

564.79 32.79 | 563.70 29.50 | 563.70 19.50 | 568.76 6.84 | 569.50 5.00 | 569.70 0.00 | 569.85 10.00 | 569.73 13.00 | 569.41 14.27

568.86 0.00 | 569.0 10.00

TS UNS B CL 10

41214+10.00

565.18 32.65 | 563.21 28.56 | 563.81 18.56 | 568.50 6.84 | 569.24 5.00 | 569.44 0.00 | 569.59 10.00 | 569.47 13.00 | 569.16 14.25

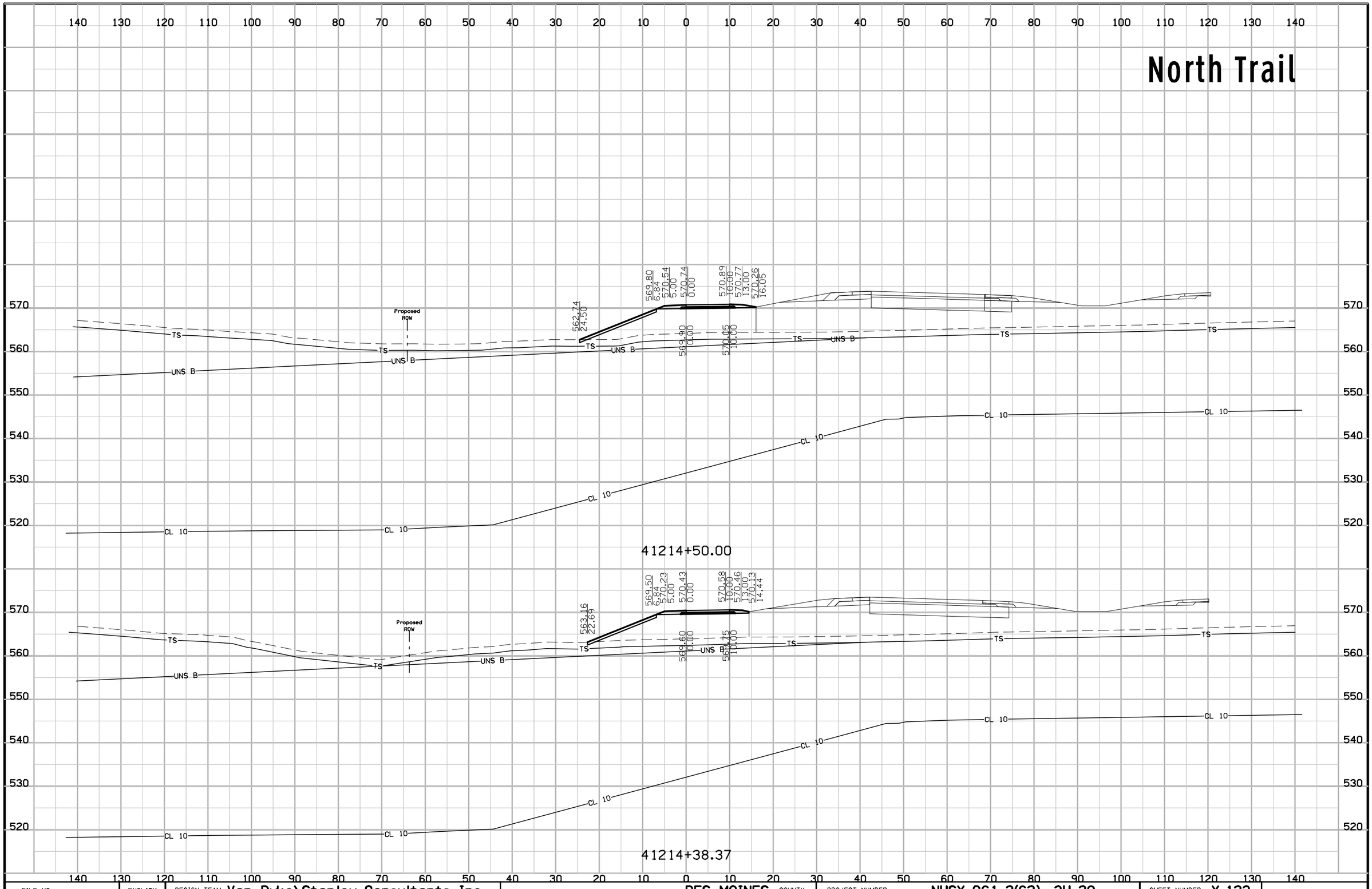
568.60 0.00 | 568.75 10.00

41214+00.00

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.122

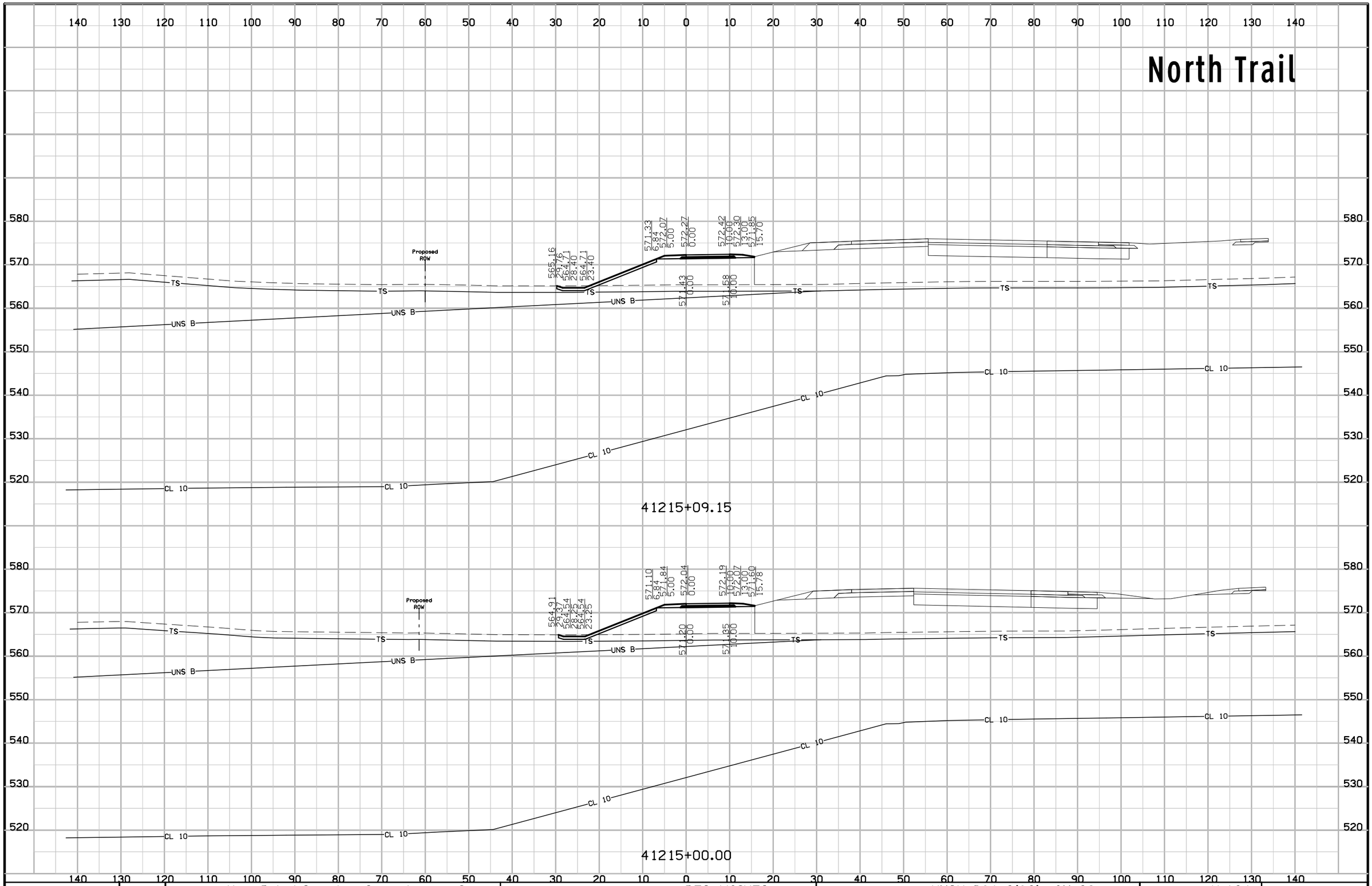
10:34:32 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x14

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.123

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.124

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

580 570 560 550 540 530 520 510

Proposed ROW

565.44 30.10 564.92 28.54 564.92 23.54

571.60 6.84 572.33 5.00 572.53 0.00

572.68 10.00 572.56 13.00 572.23 14.99

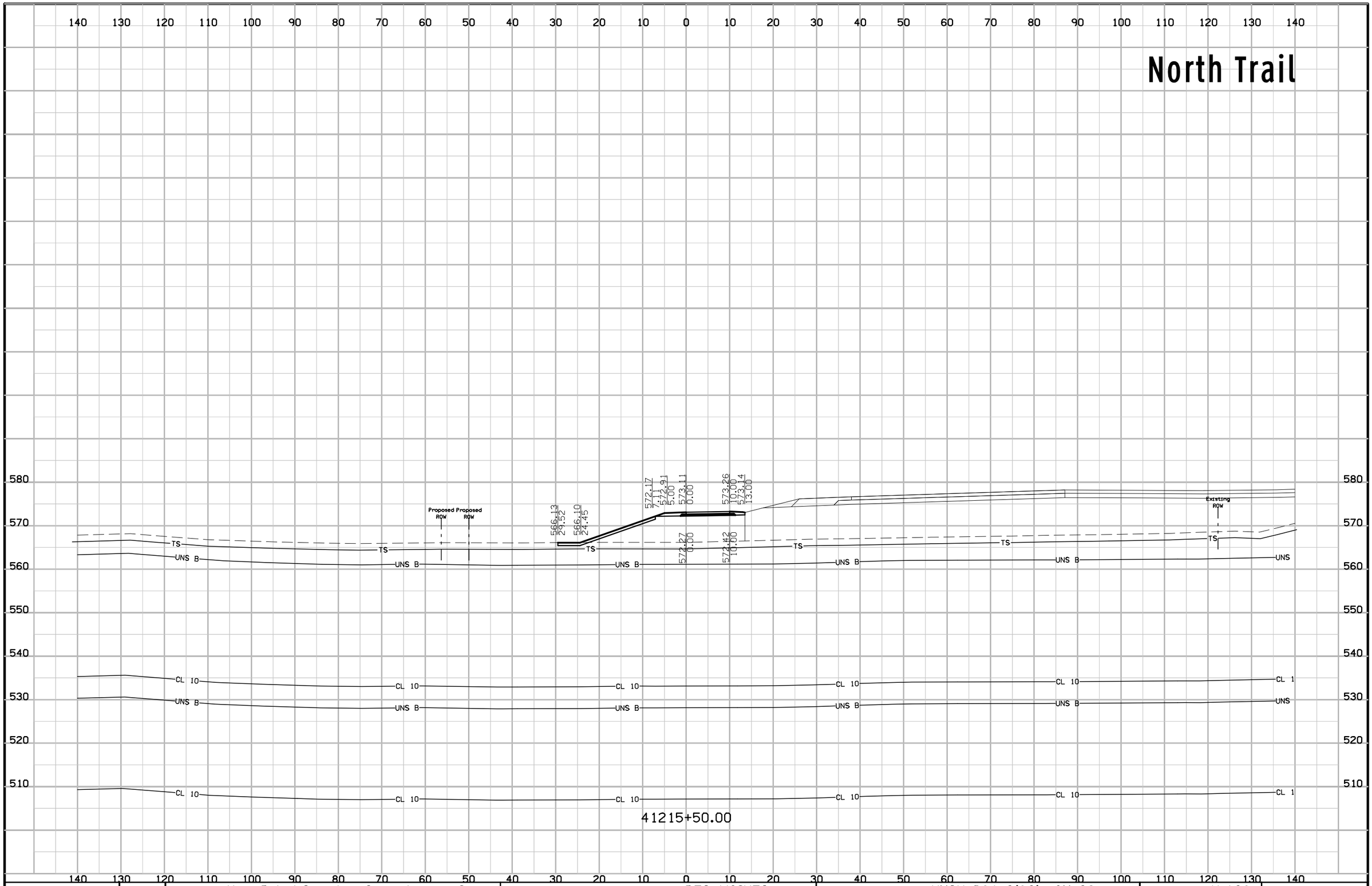
571.70 0.00 571.85 10.00

TS UNS B CL 10 UNS

41215+20.63

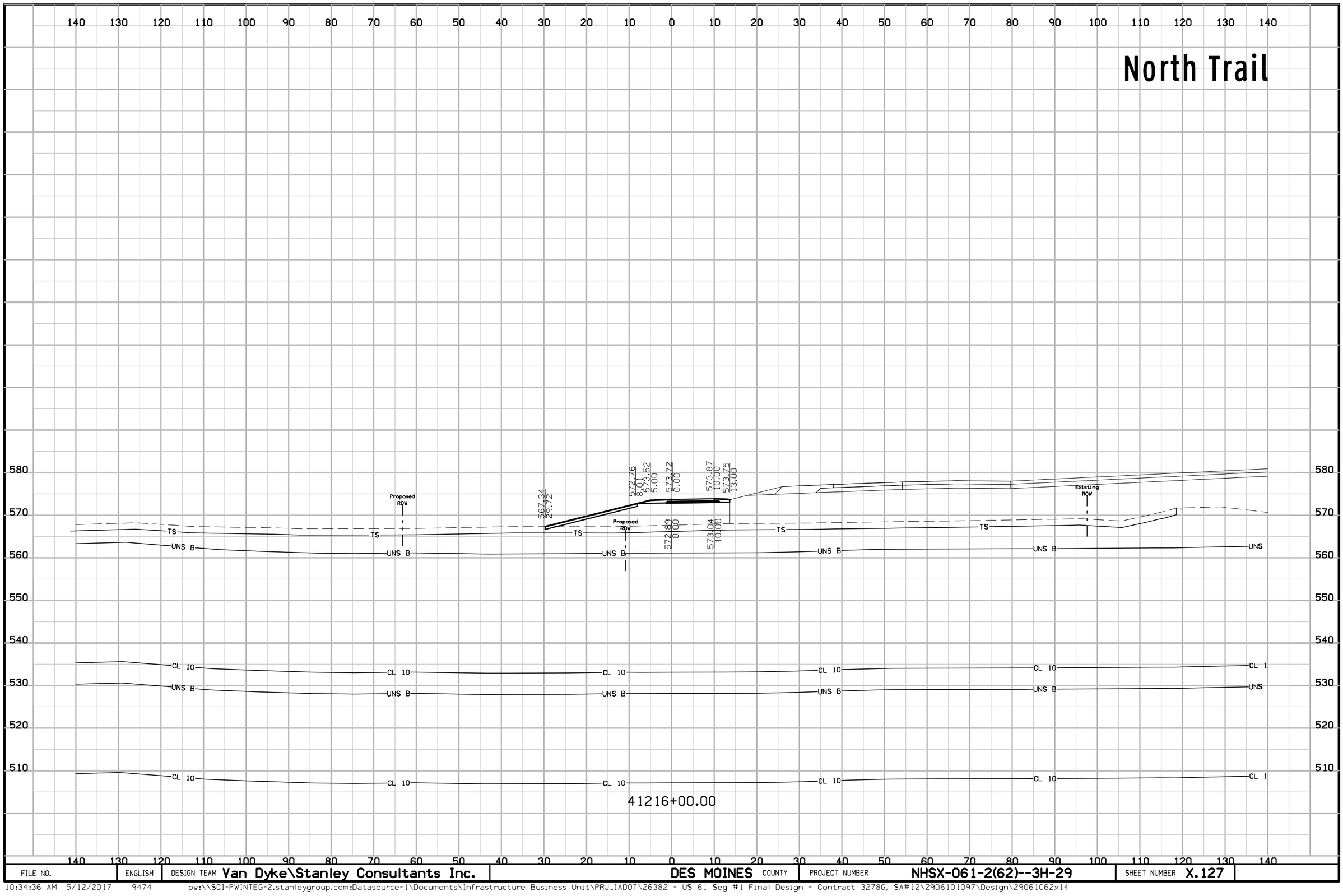
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.125

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.126

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.127

North Trail

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

580
570
560
550
540
530
520
510

Proposed ROW
Proposed ROW
Existing ROW

567.46
29.37

572.79
8.01
573.55
5.00
573.75
0.00

572.92
0.00

573.90
10.00
573.78
13.00

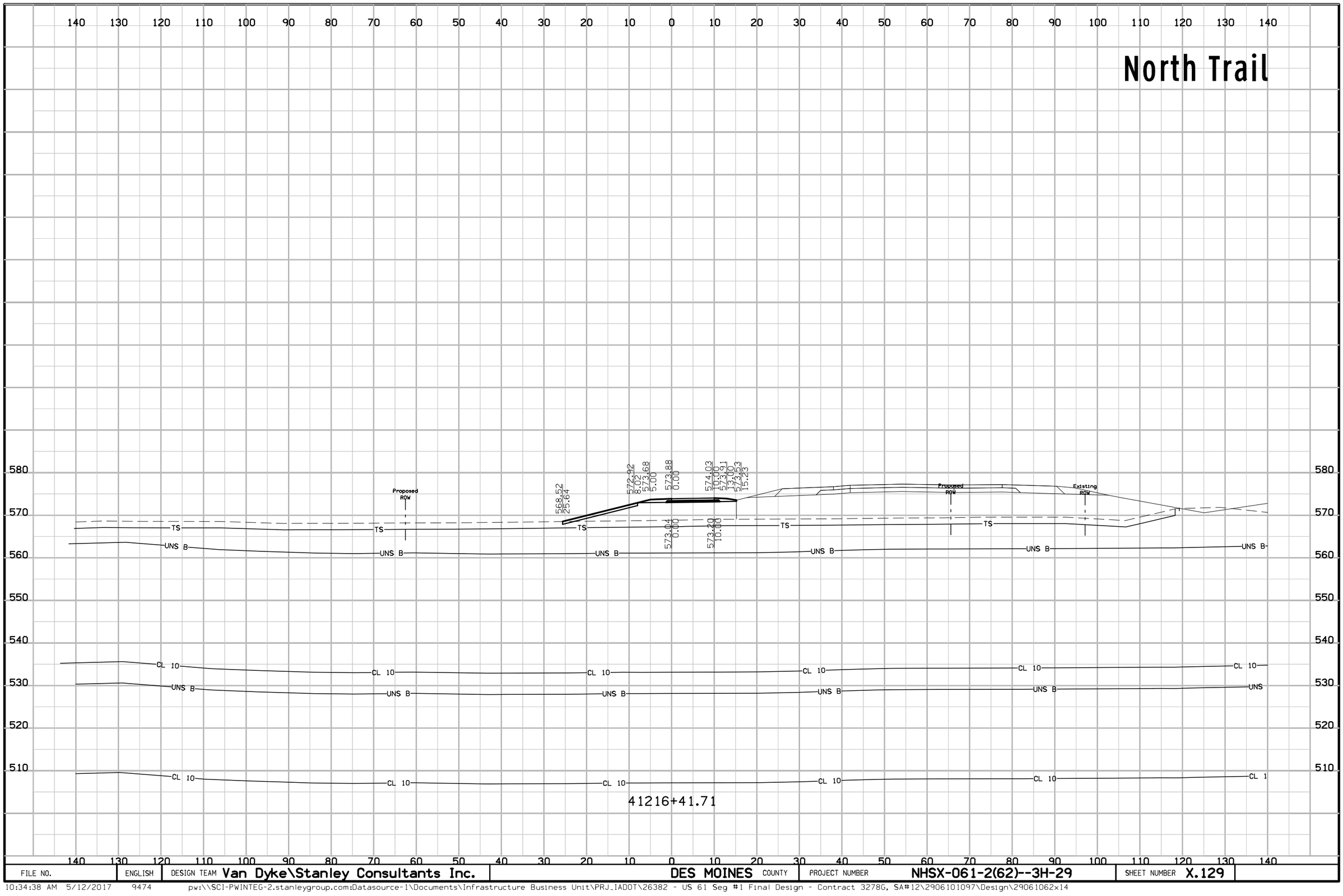
573.06
10.00

TS
UNS B
CL 10
UNS

41216+04.13

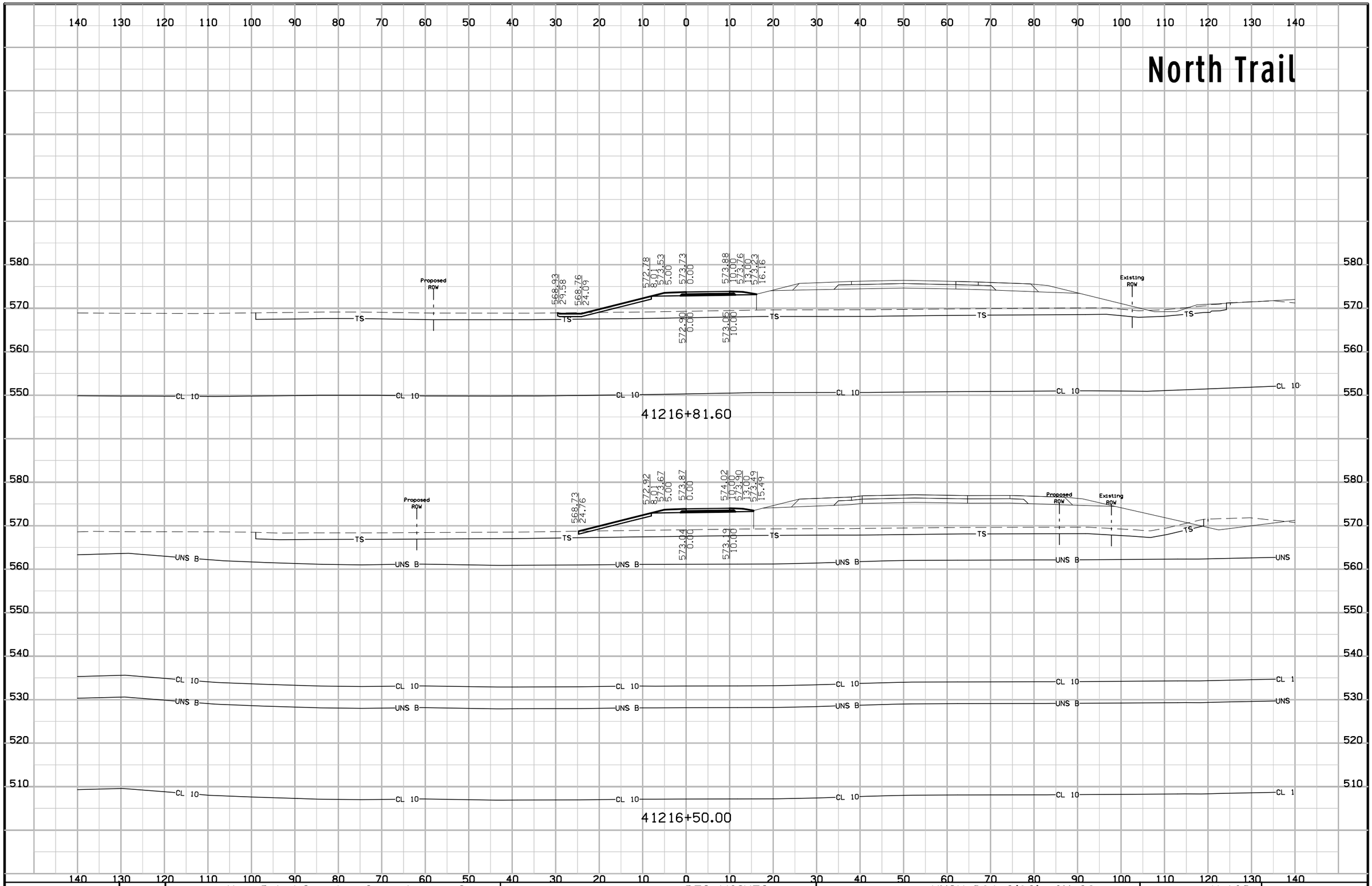
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.128

North Trail



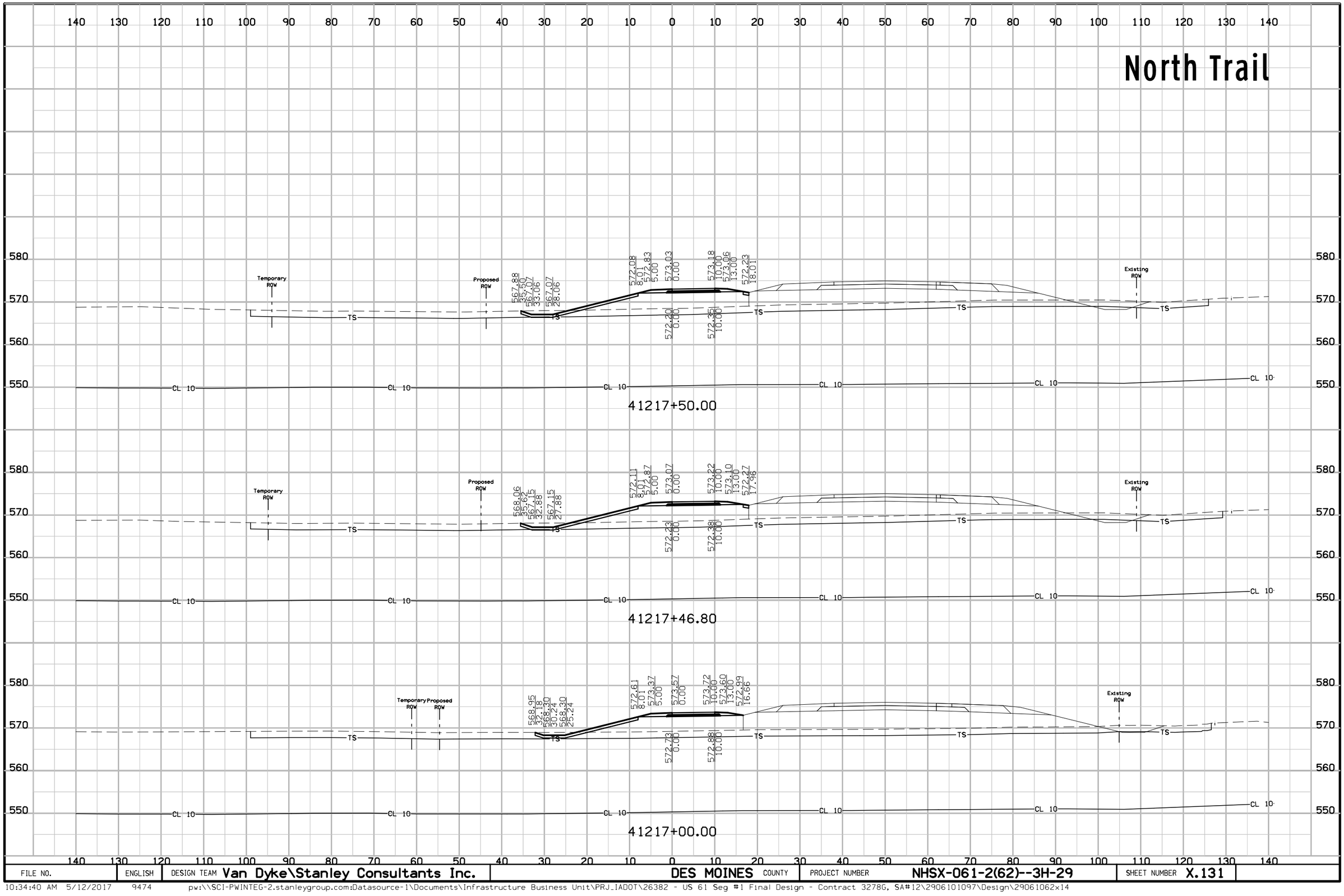
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.129

North Trail



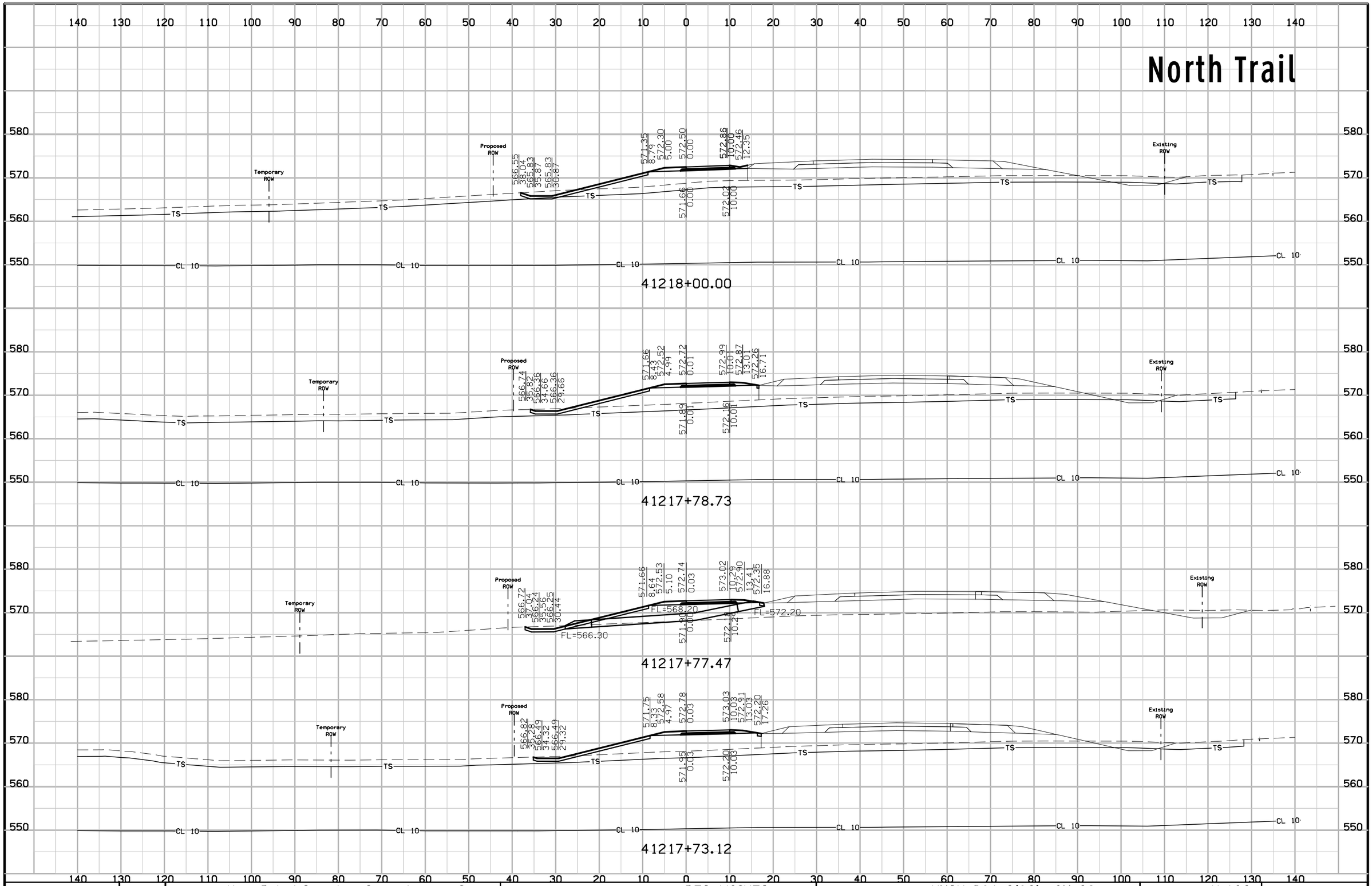
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.130

North Trail



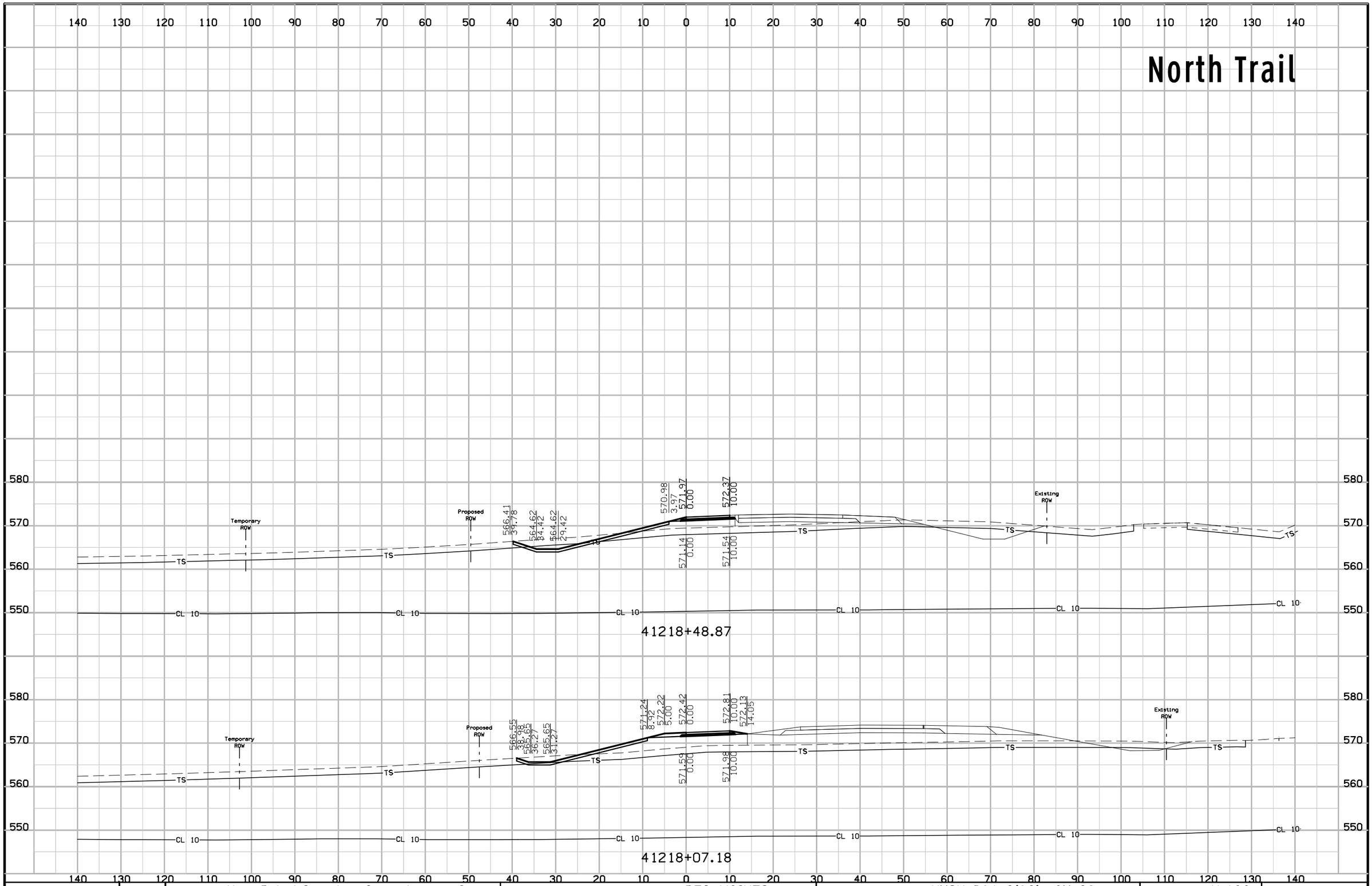
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.131

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.132

North Trail



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.133

Tanner Ln Detour

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

670 660 650 640

Temporary ROW
Temporary ROW
TS
TS
TS
661.43
9.63
661.52
8.68
661.61
9.12
661.88
0.00
661.84
7.71
Temporary ROW
TS
Temporary ROW
Temporary ROW
TS
TS

51251+00.00

670 660 650 640 630

Temporary ROW
TS
TS
TS
661.46
8.67
661.48
7.66
661.64
8.14
661.78
0.00
661.75
6.87
Temporary ROW
TS
Temporary ROW
TS
TS

51250+89.00

670 660 650 640 630

Temporary ROW
TS
TS
TS
Temporary ROW
661.53
5.40
661.50
0.00
661.48
4.50
Temporary ROW
TS
TS

51250+58.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.134

Tanner Ln Detour

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

670
660
650

Temporary ROW

TS

666.34 / 53.73
659.54 / 33.34
659.54 / 23.34
660.98 / 19.00
663.99 / 10.00
664.29 / 0.00
663.98 / 10.00
657.88 / 28.32

51252+50.00

662.65 / 36.02
659.94 / 27.88
659.94 / 17.88
662.57 / 10.00
662.87 / 0.00
662.57 / 10.00
657.46 / 25.31

51252+00.00

661.53 / 30.90
660.10 / 26.60
660.10 / 16.60
662.30 / 10.00
662.60 / 0.00
662.30 / 10.00
658.56 / 21.23

51251+80.00

660.79 / 26.42
660.34 / 25.07
660.34 / 15.07
662.03 / 10.00
662.33 / 0.00
662.28 / 10.00
660.94 / 14.02

51251+50.00

660.60 / 25.34
660.39 / 24.73
660.39 / 14.73
661.97 / 10.00
662.27 / 0.00
662.22 / 10.00
661.43 / 12.36

51251+43.41

FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.135

10:34:45 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x15

Tanner Ln Detour

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

670 660 650

TS TS TS TS

658.37 / 37.99

FL=658.90

667.70 / 10.00 — 668.00 / 0.00 — 667.70 / 10.00

FL=658.00

658.03 / 39.01

51253+25.00

Temporary ROW

667.67 / 67.37

659.14 / 41.77

659.14 / 31.77

663.40 / 19.00

666.40 / 10.00 — 666.70 / 0.00 — 666.40 / 10.00

657.99 / 35.22

51253+00.00

Temporary ROW

667.51 / 63.69

659.26 / 38.95

659.26 / 28.94

662.58 / 19.00

665.58 / 10.00 — 665.88 / 0.00 — 665.58 / 10.00

657.96 / 32.86

51252+84.34

Temporary ROW

667.29 / 62.13

659.30 / 38.16

659.30 / 28.16

662.35 / 19.00

665.35 / 10.00 — 665.65 / 0.00 — 665.35 / 10.00

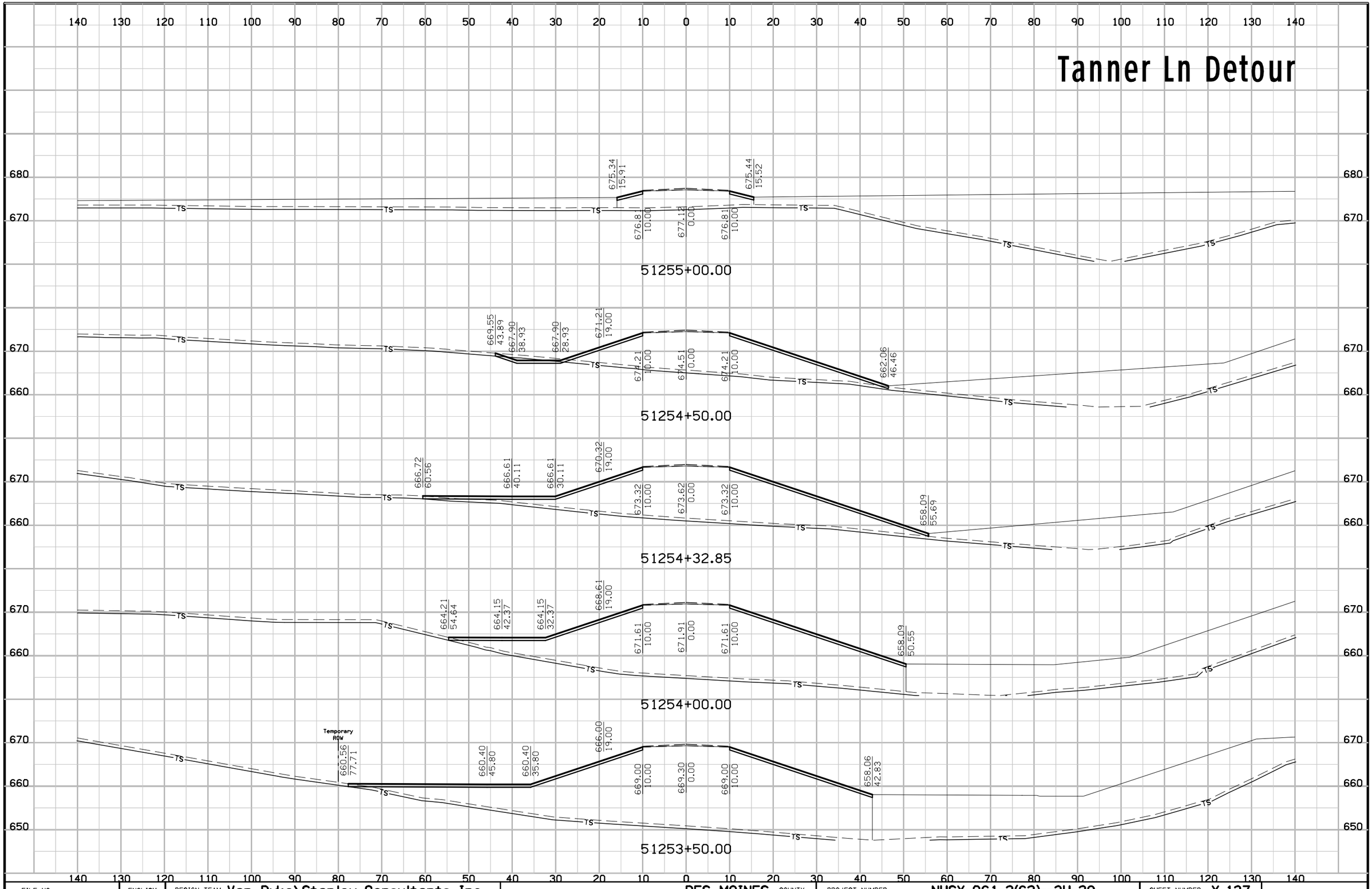
657.95 / 32.21

51252+80.00

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

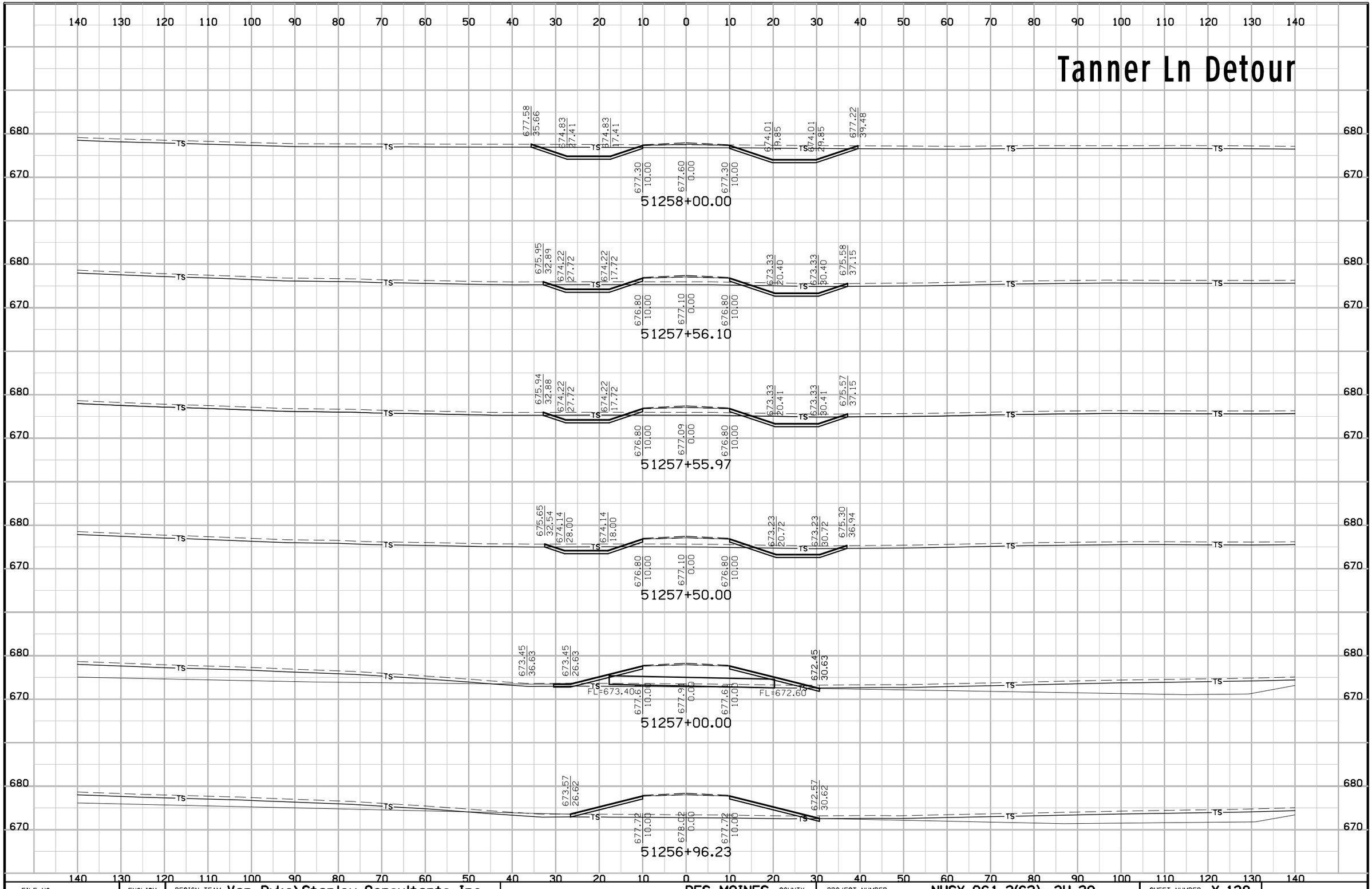
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.136

Tanner Ln Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.137

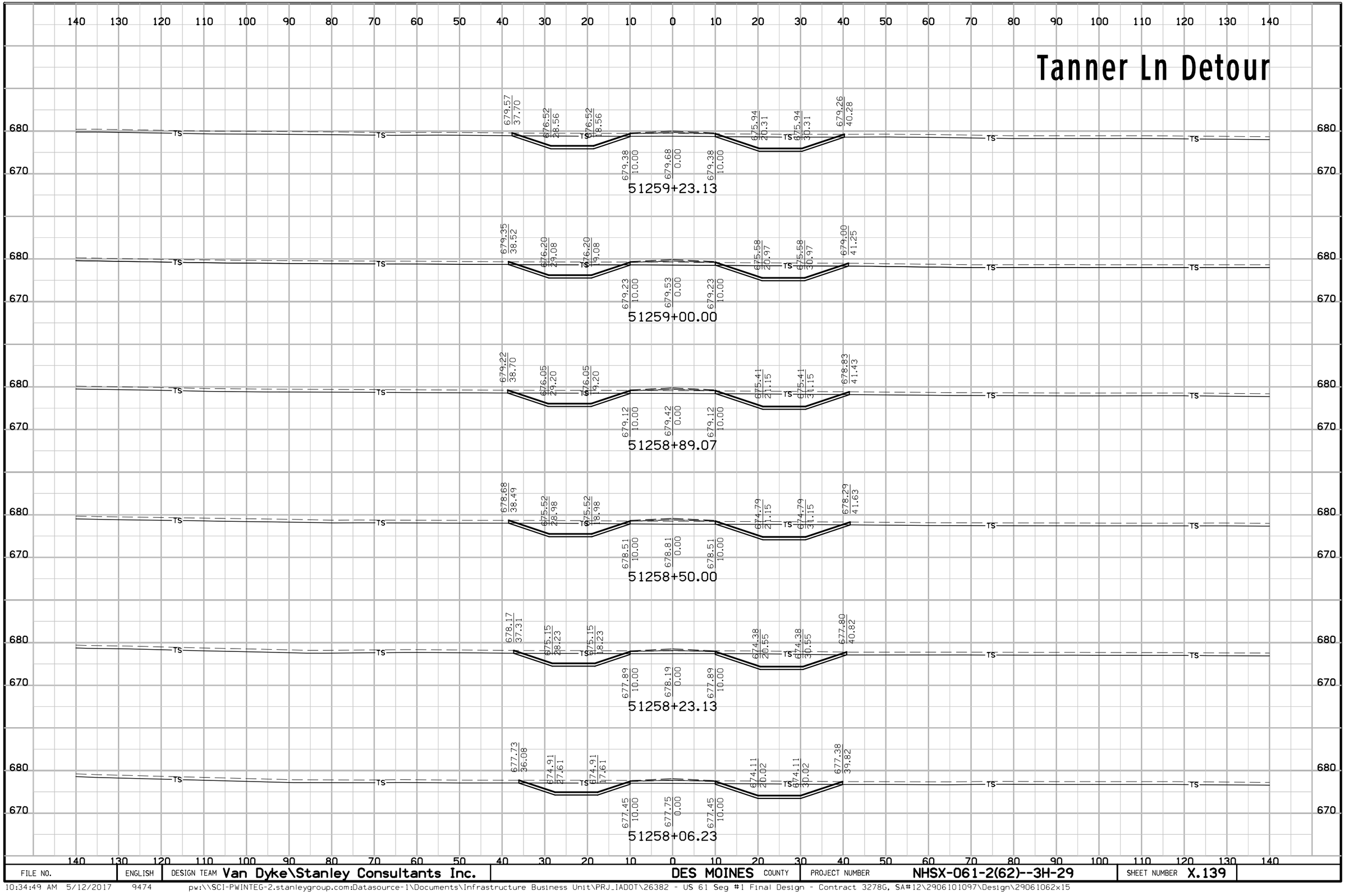
Tanner Ln Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.138

10:34:48 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x15

Tanner Ln Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.139

Tanner Ln Detour

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

680
670

679.08 / 31.16
680.05 / 24.85
680.55 / 0.00
679.84 / 23.57
677.74 / 34.48
TS

51260+60.00

678.96 / 25.56
678.96 / 19.28
679.87 / 16.02
680.35 / 0.00
679.89 / 15.37
679.35 / 17.27
679.35 / 18.99

51260+50.00

680.49 / 33.52
677.86 / 25.61
677.86 / 15.61
679.73 / 10.00
680.03 / 0.00
679.73 / 10.00
677.45 / 16.83
677.45 / 26.83
678.68 / 30.51

51260+20.00

680.12 / 33.84
677.58 / 26.22
677.58 / 16.22
679.66 / 10.00
679.96 / 0.00
679.66 / 10.00
677.14 / 17.55
677.14 / 27.55
679.73 / 35.33

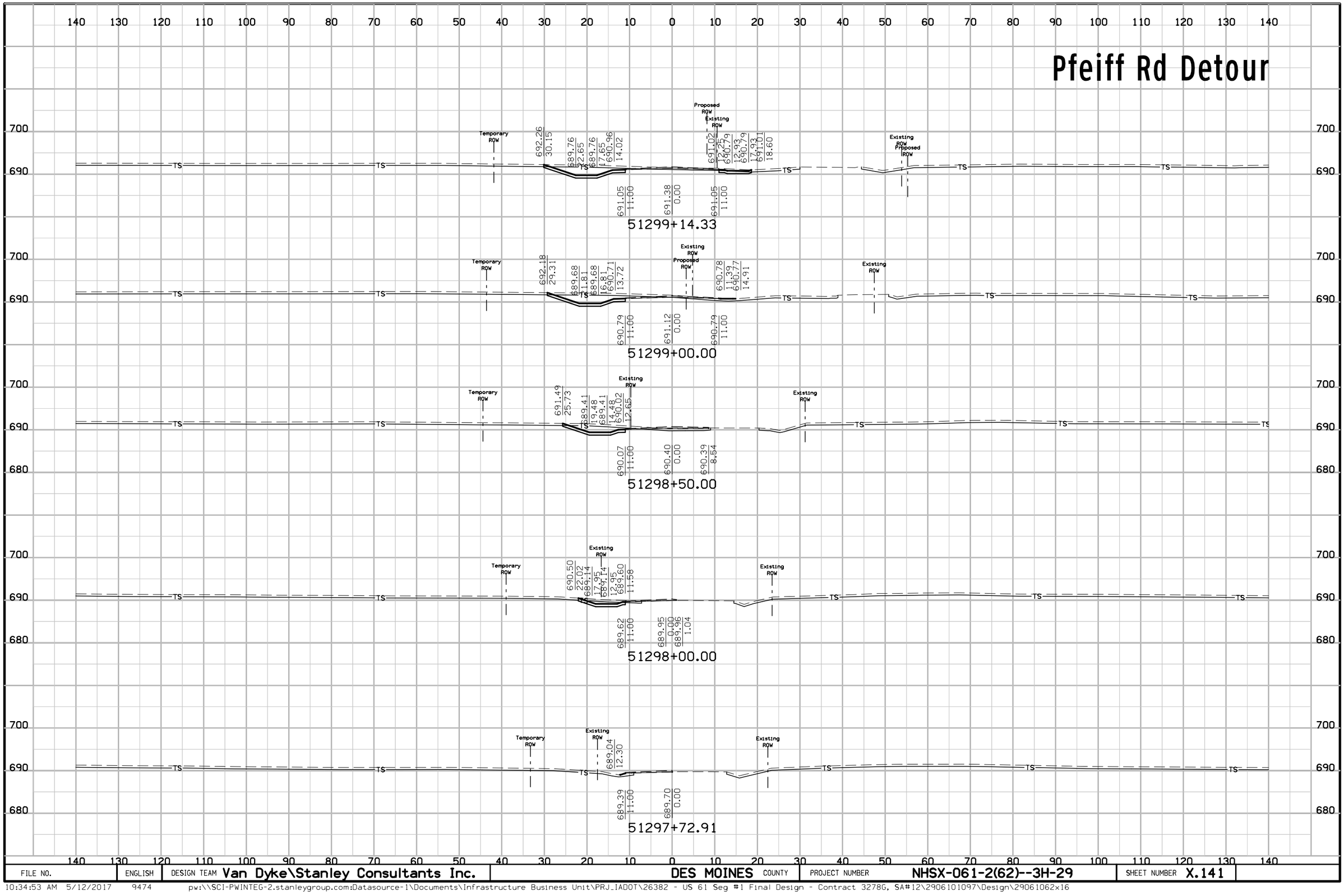
51260+00.00

679.74 / 36.28
676.89 / 27.74
676.89 / 17.74
679.47 / 10.00
679.77 / 0.00
679.47 / 10.00
676.36 / 19.35
676.36 / 29.35
679.48 / 38.71

51259+50.00

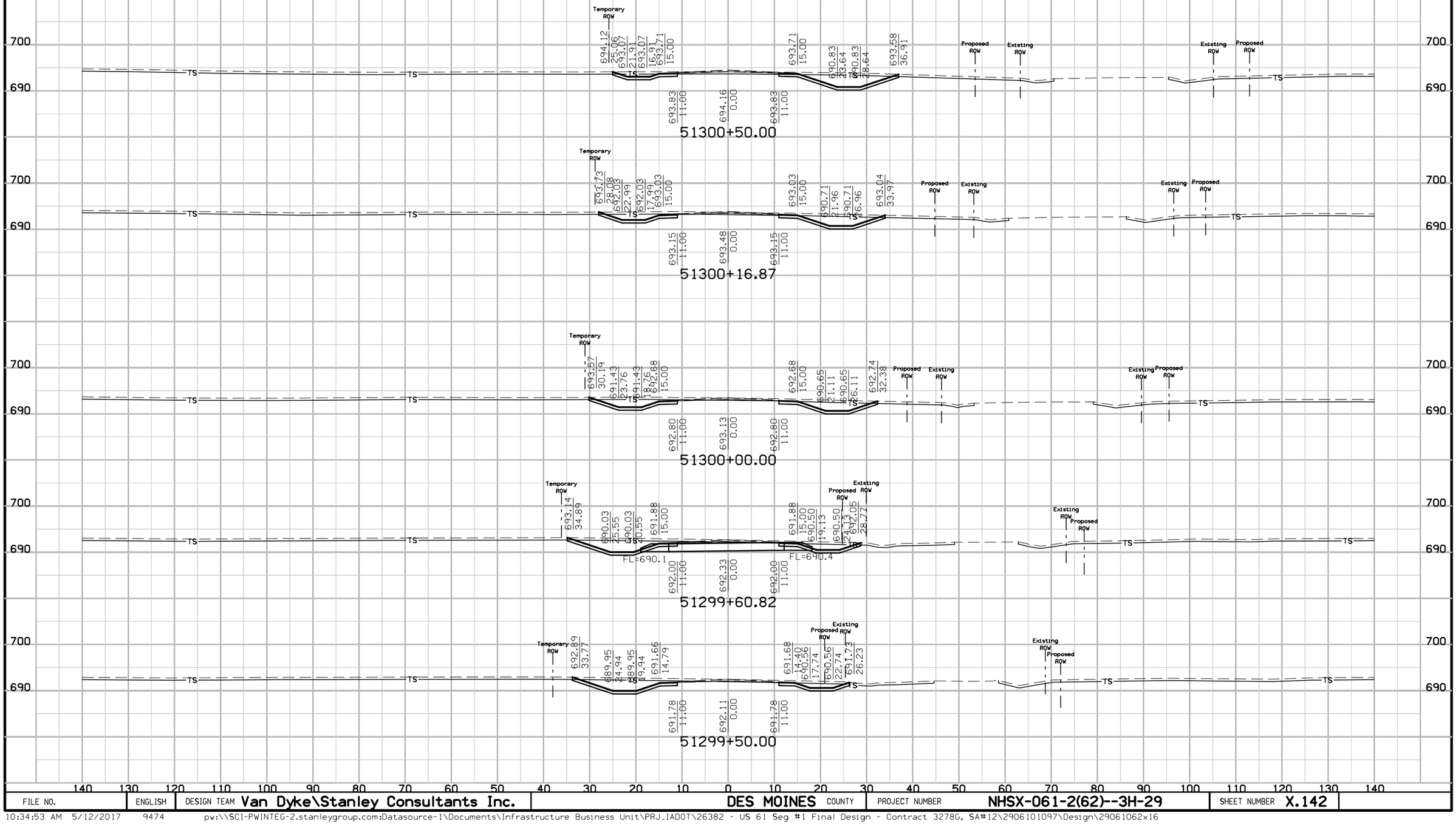
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.140

Pfeiff Rd Detour



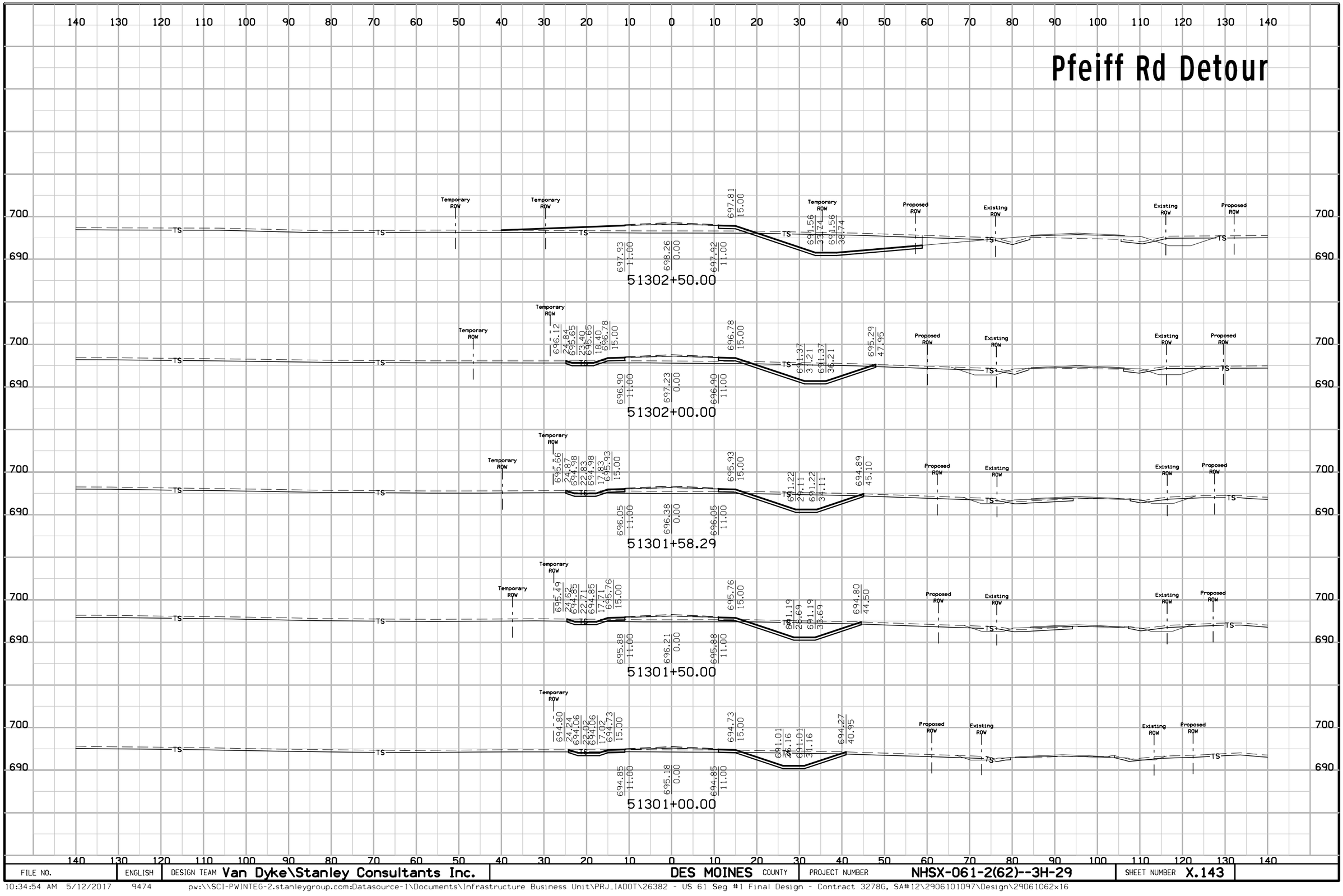
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.141

Pfeiff Rd Detour



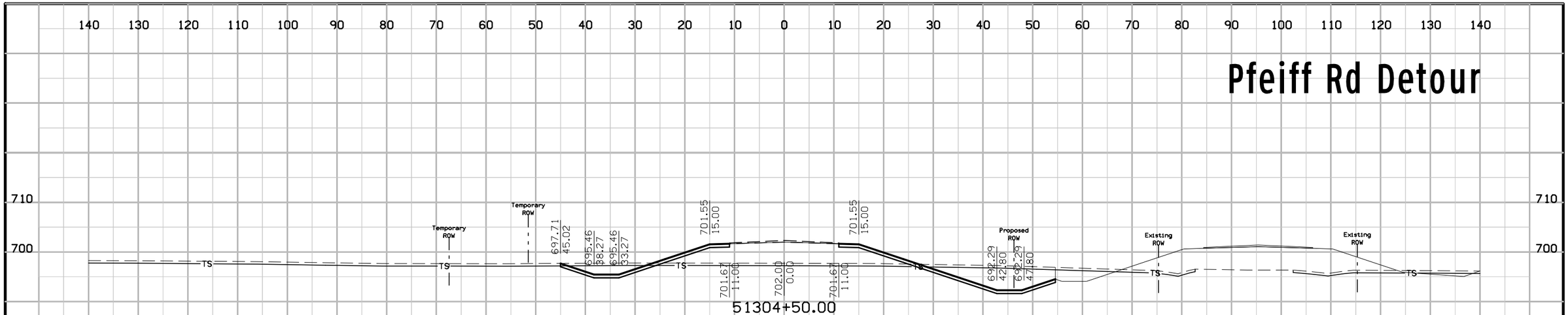
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.142

Pfeiff Rd Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.143

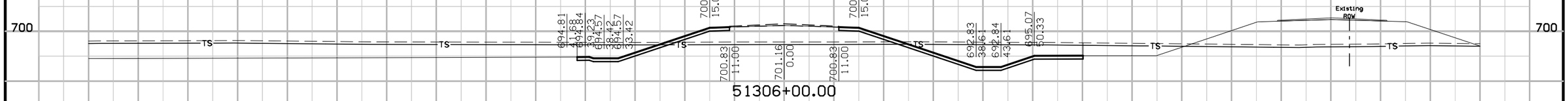
Pfeiff Rd Detour



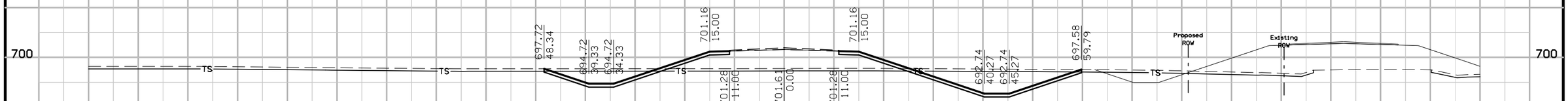
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.144

Pfeiff Rd Detour

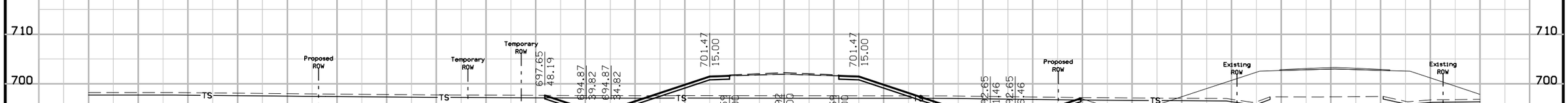
140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



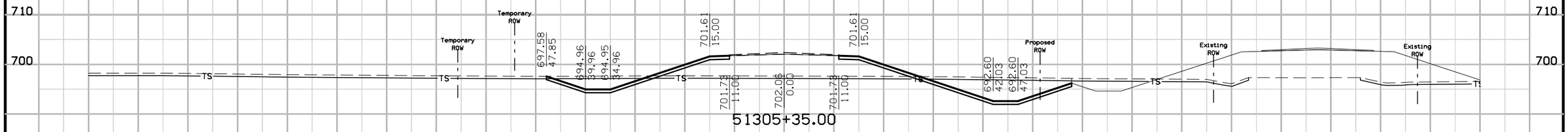
51306+00.00



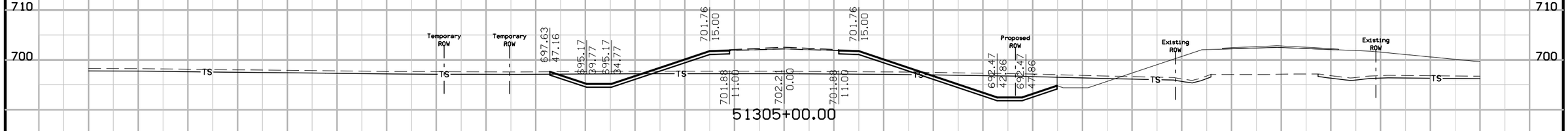
51305+74.04



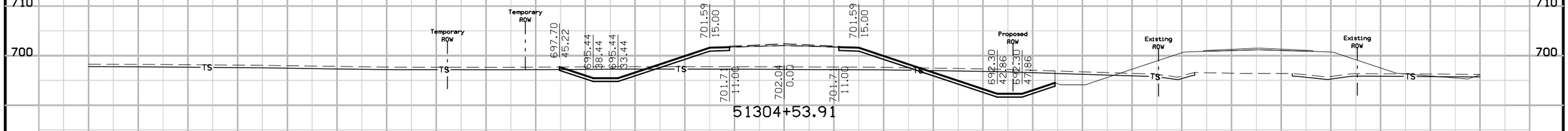
51305+50.00



51305+35.00



51305+00.00

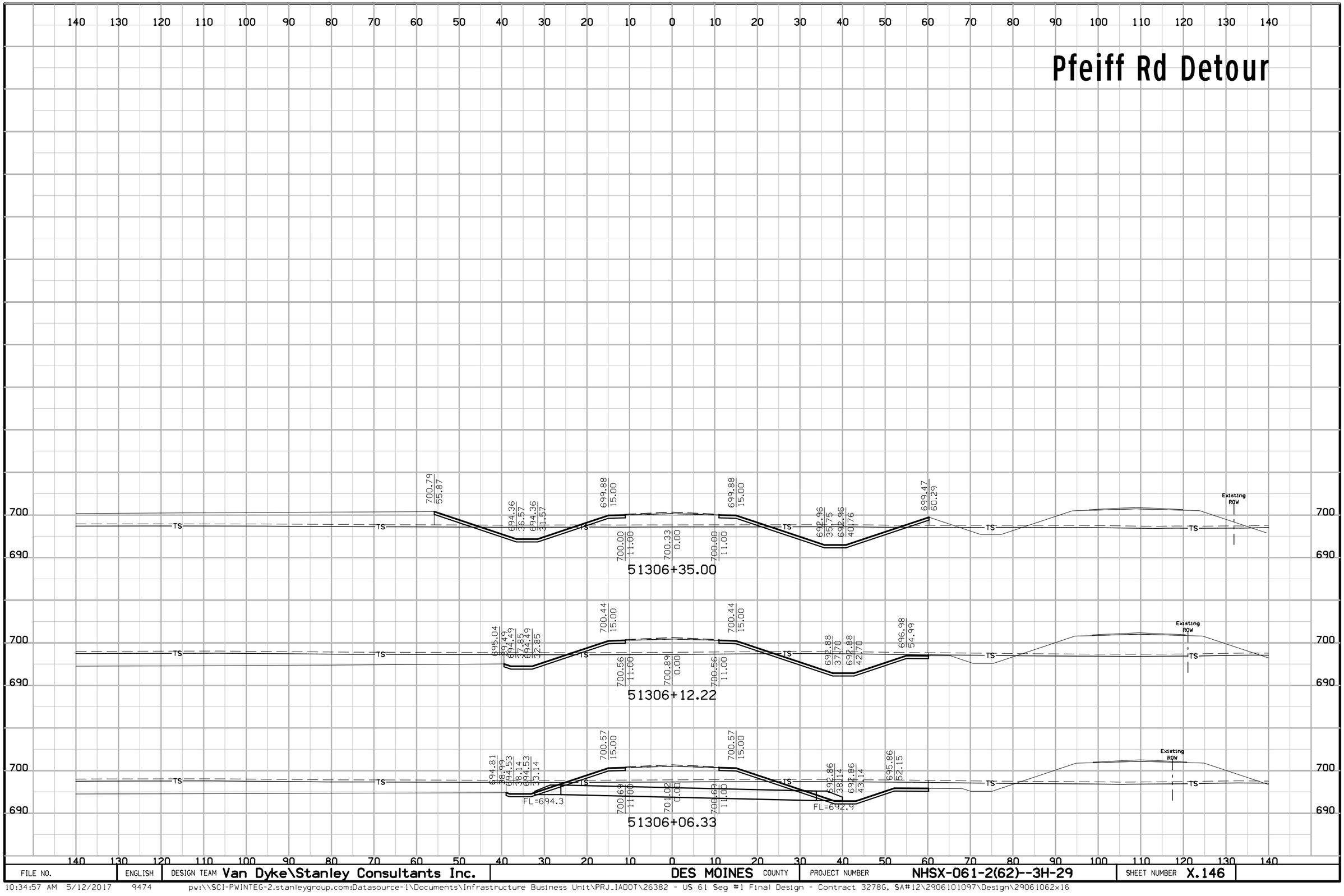


51304+53.91

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

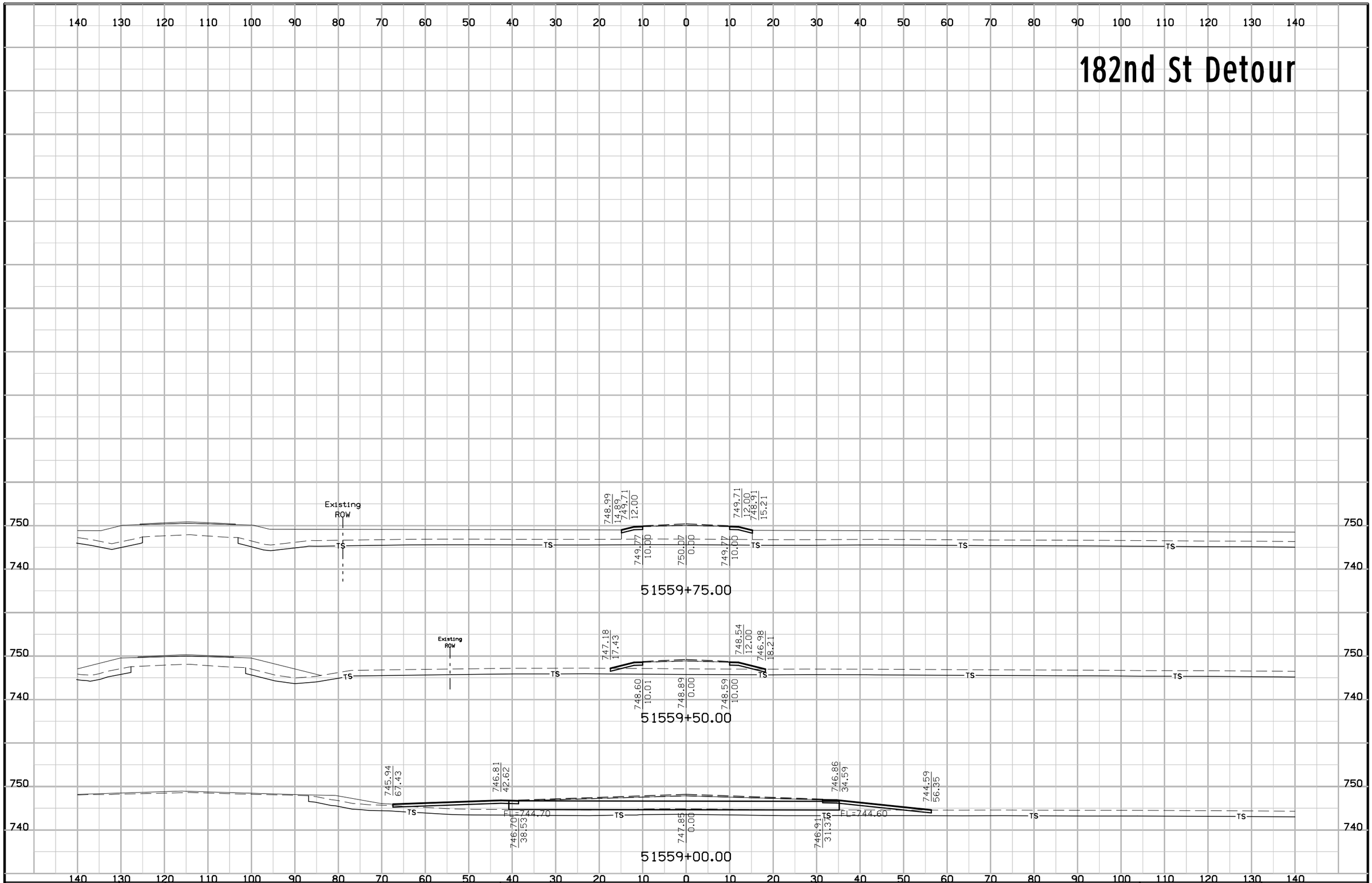
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.145

Pfeiff Rd Detour



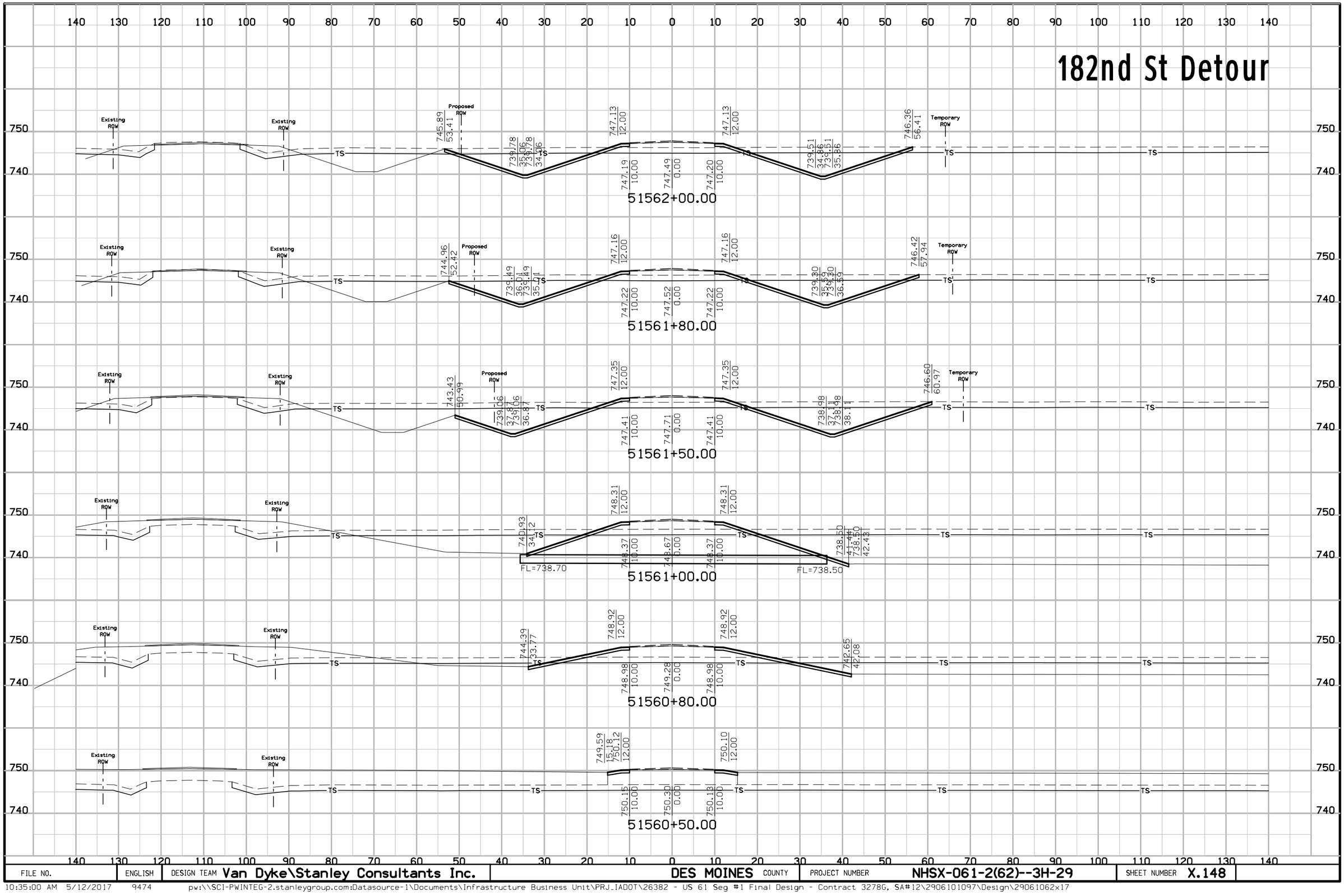
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.146

182nd St Detour



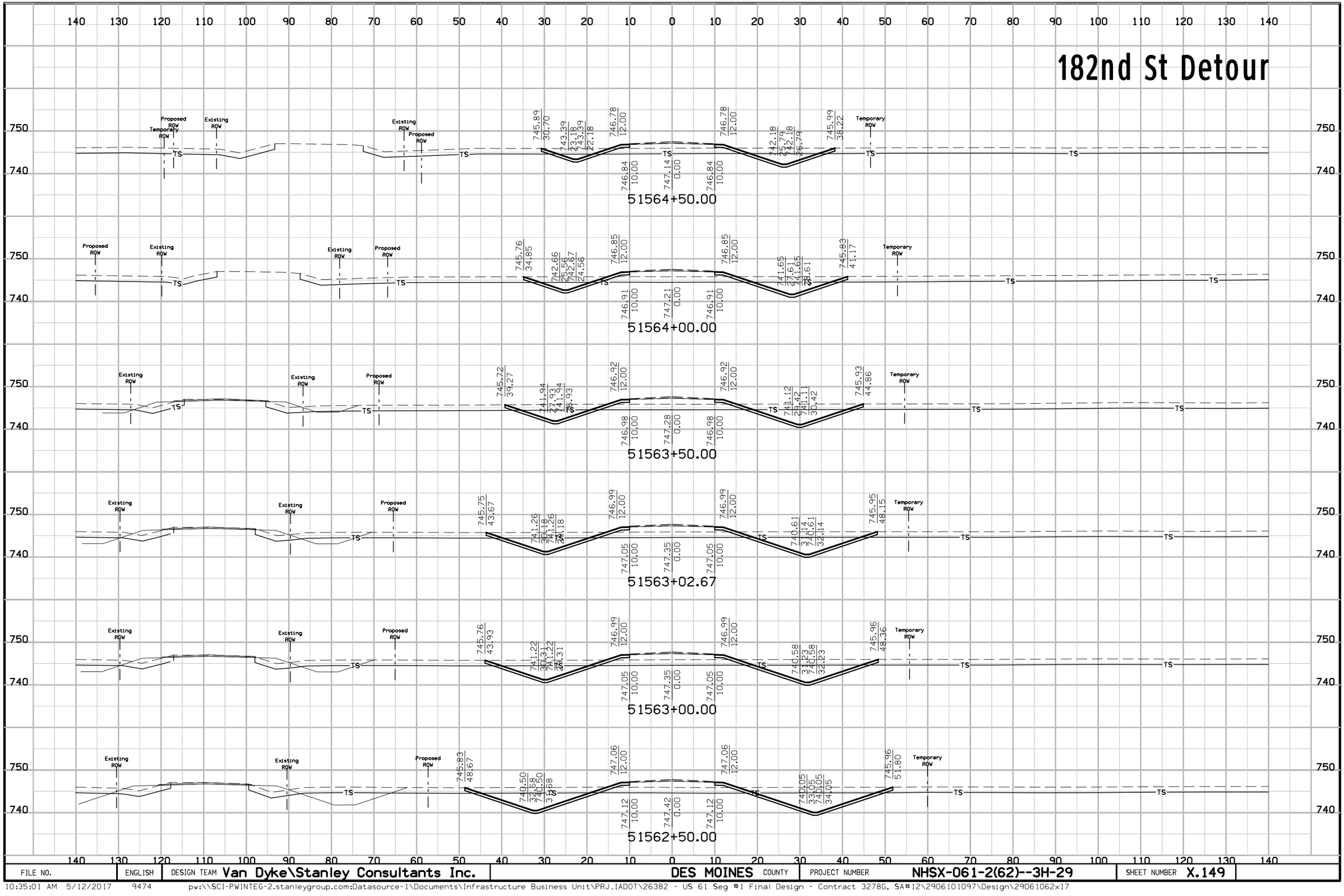
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.147

182nd St Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.148

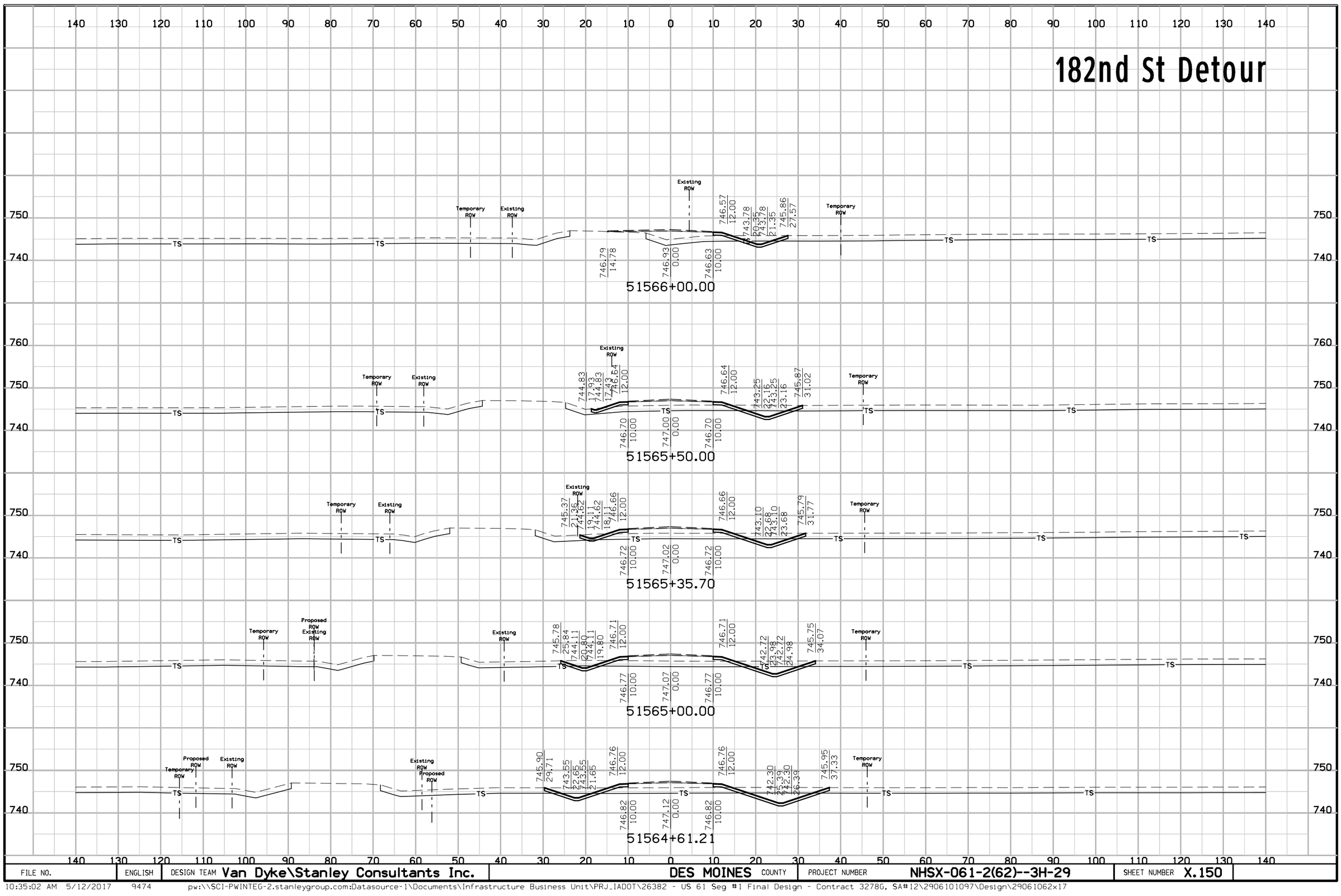
182nd St Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.149

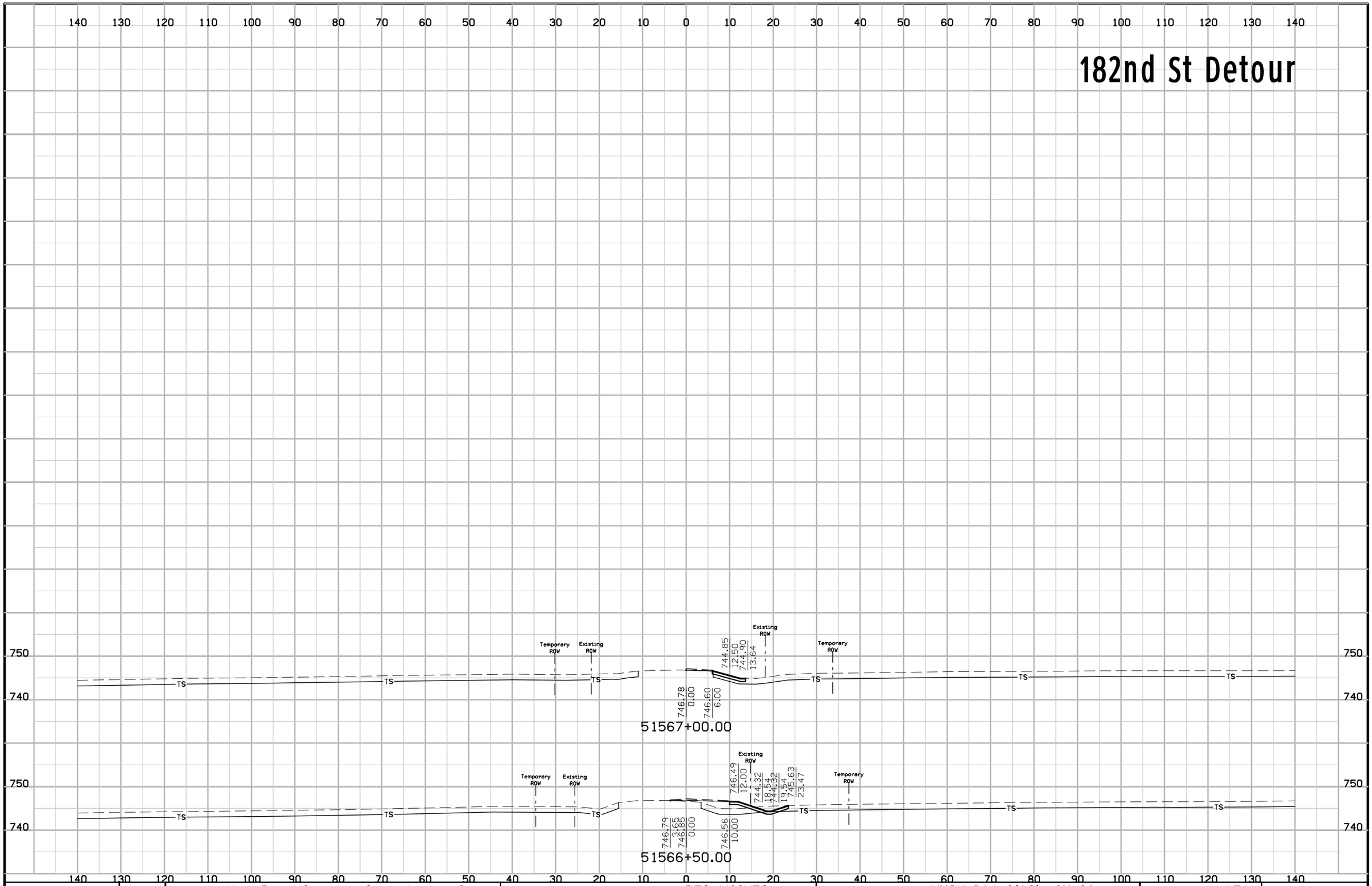
10:35:01 AM 5/12/2017 9474 pw:\\SCI-PWINTEG-2.stanleygroup.com:Datasource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\26382 - US 61 Seg #1 Final Design - Contract 3278G, SA#12\2906101097\Design\29061062x17

182nd St Detour



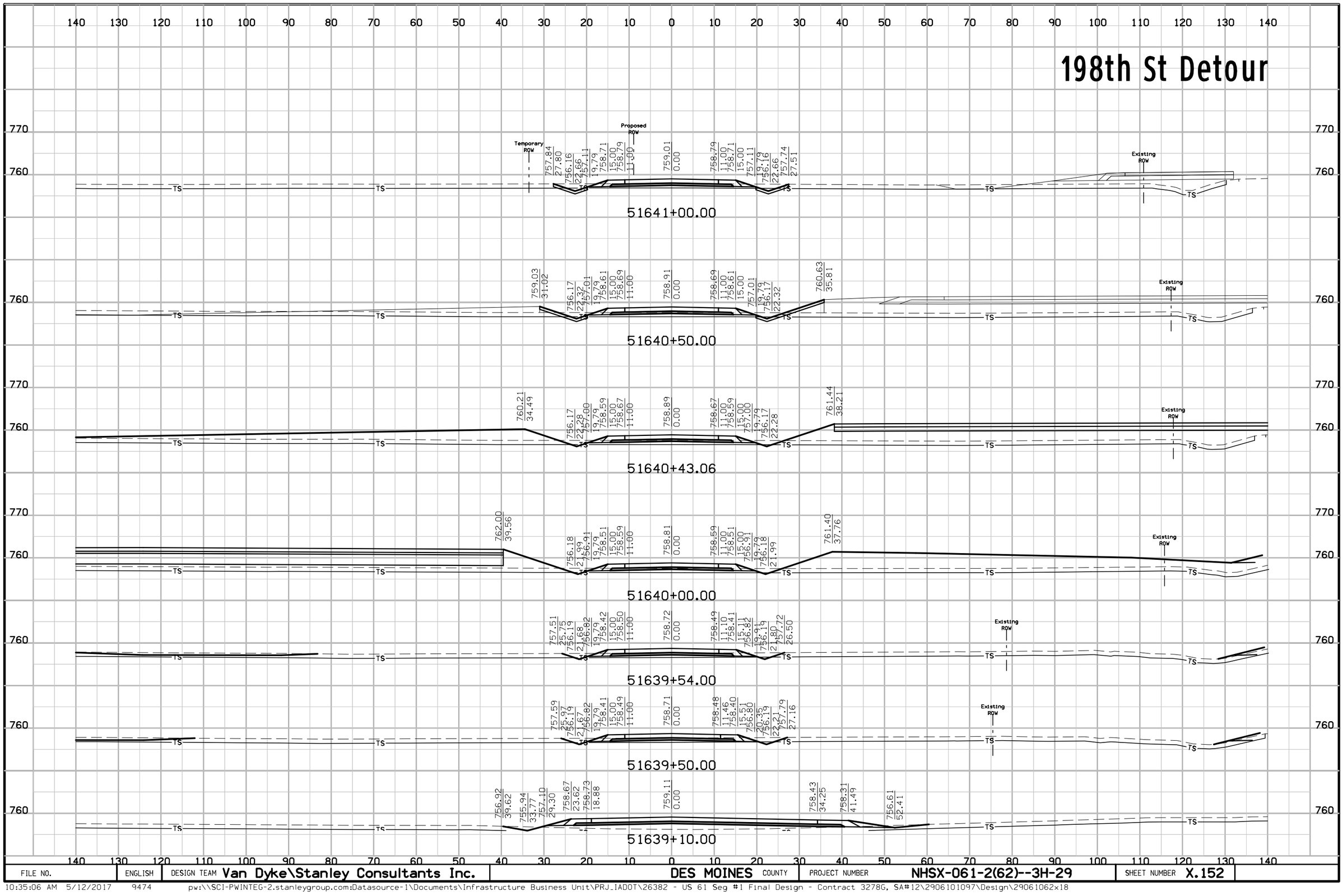
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.150

182nd St Detour



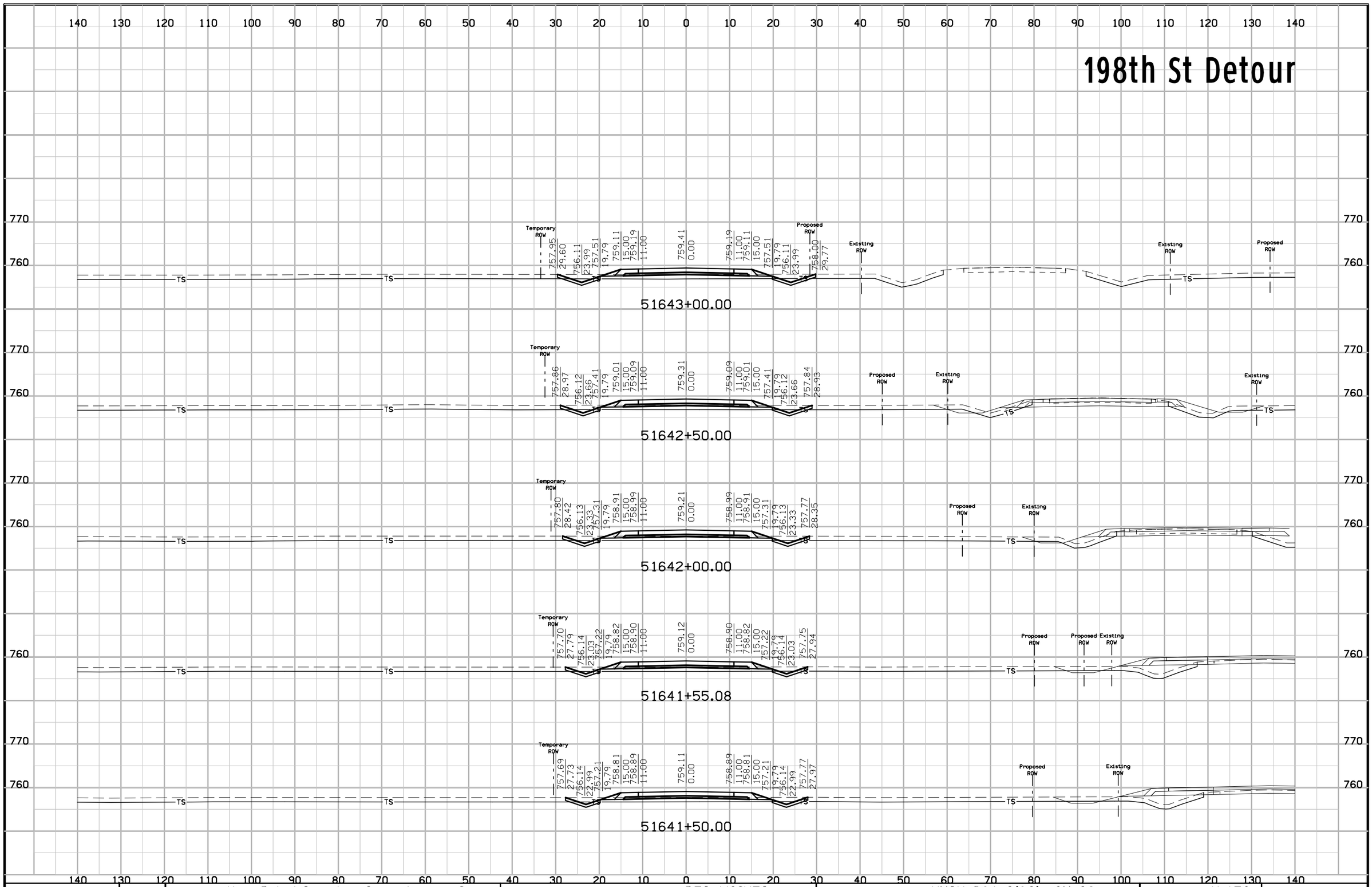
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.151

198th St Detour



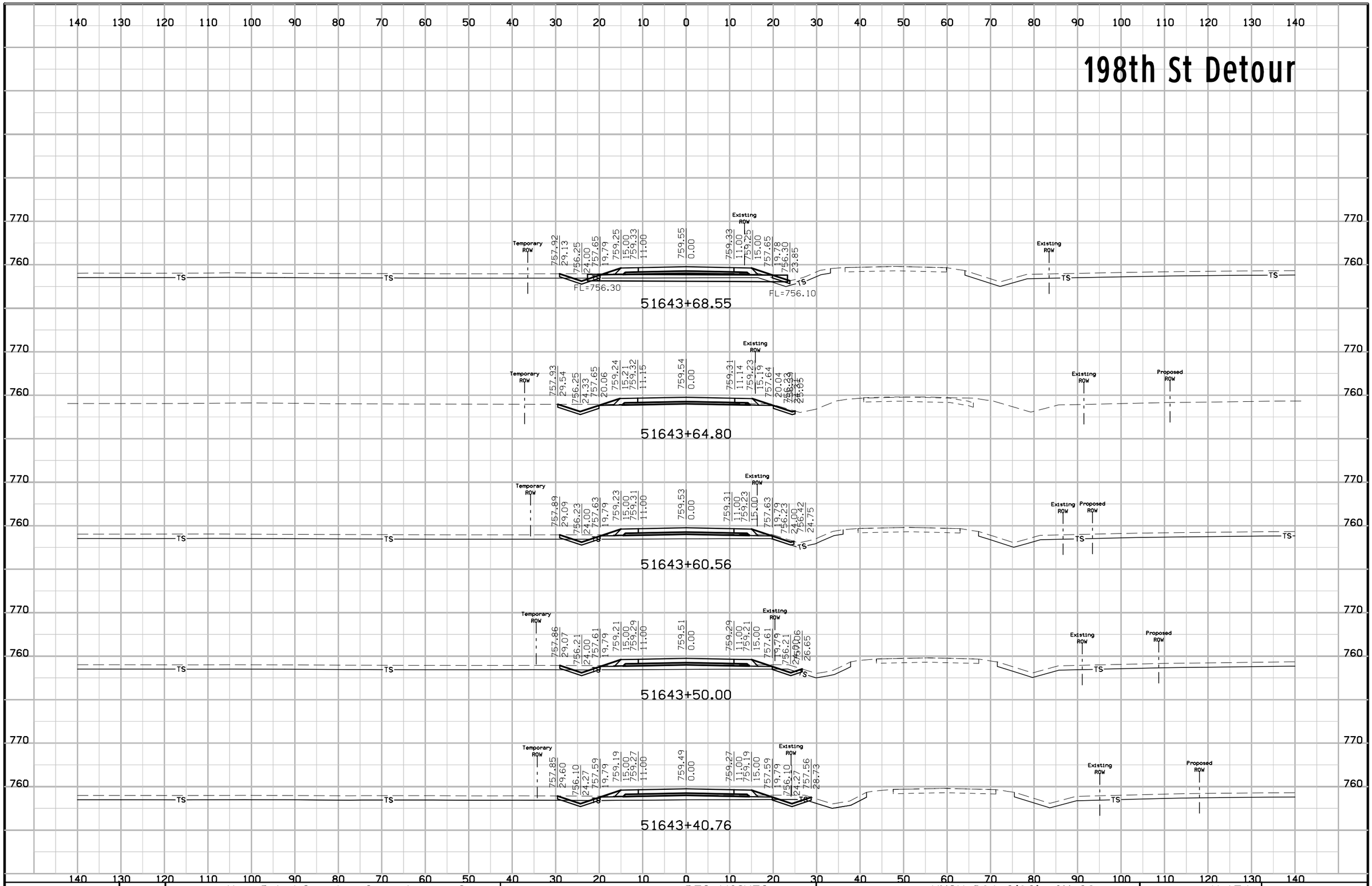
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.152

198th St Detour



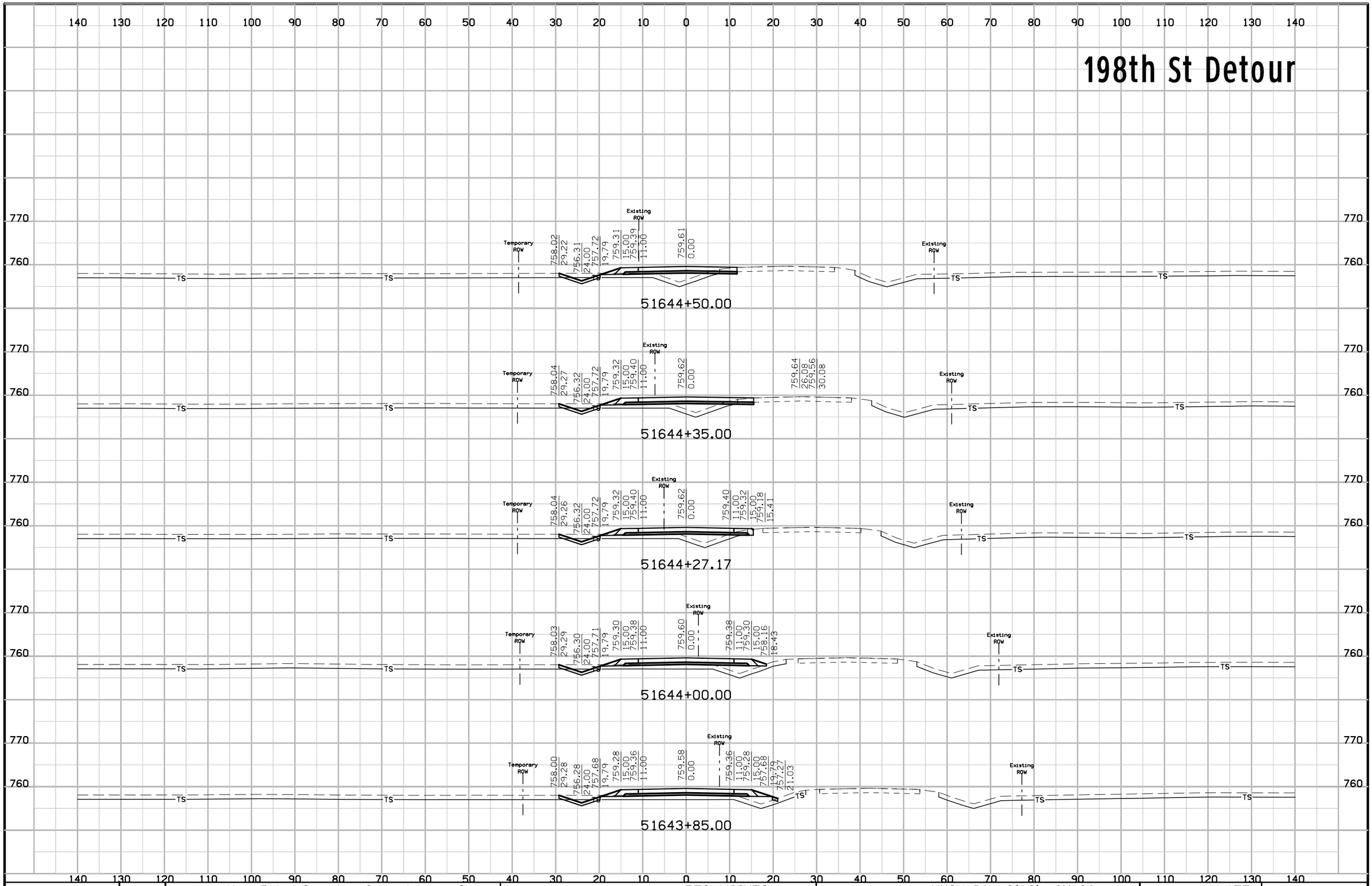
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.153

198th St Detour



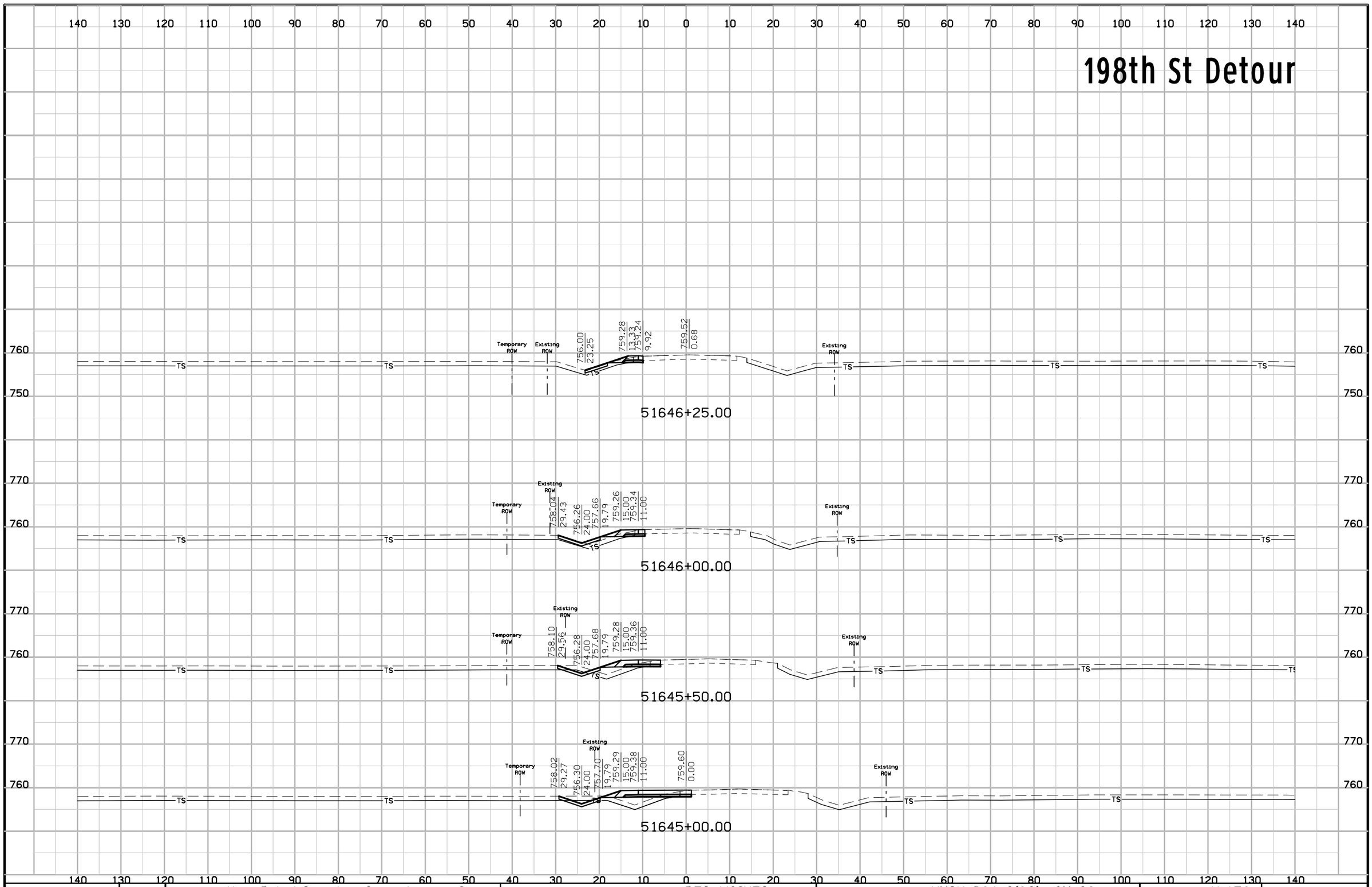
FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.154

198th St Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.155

198th St Detour



FILE NO.	ENGLISH	DESIGN TEAM Van Dyke\Stanley Consultants Inc.	DES MOINES COUNTY	PROJECT NUMBER NHSX-061-2(62)--3H-29	SHEET NUMBER X.156