

48' (ON CURVE)
32' (ON TANGENT)
CLEAR ZONE

VARIES
29' TO 40'
LANE

8'
"Z" SLOPE
3' MIN.
VARIES
3' TO 8'
SHLD.

12'
LANE

12'
LANE

8'
"Z" SLOPE
2' MIN.
VARIES
2' TO 8'
SHLD.

2.00%
(TYP.)

P.G.L. & P.I.V.O.T. POINT

2.00%
(TYP.)

3:1

4:1

6:1

P.O.S.S.

6:1

3:1

4:1

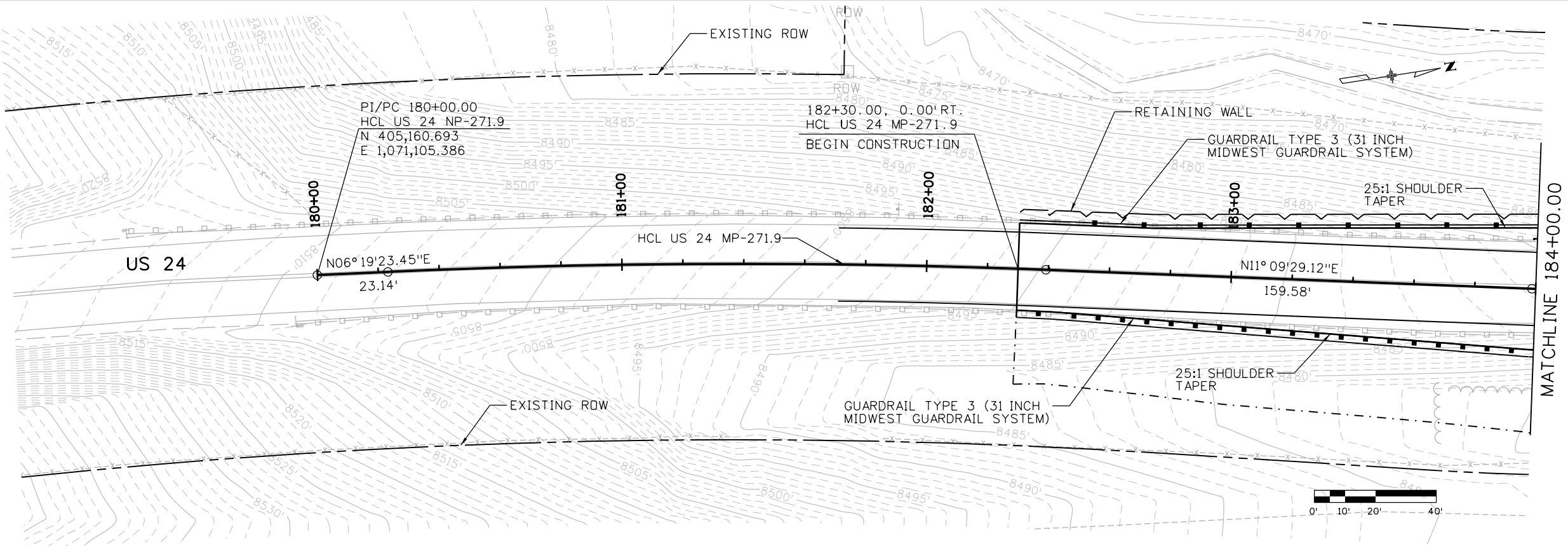
P.O.S.S.

US 24 MP-271.9

TYPICAL SECTION

182+30.00 TO 183+98.75
186+67.60 TO 187+70.00

9356 10:17:04 AM pw:\\\\SC1-PW\\INTEG-2.stanleygroup.com\\Data\\source-1\\Documents\\Colorado_Department_of_Transportation\\29715 - C001 R2 Bridge Bundle\\11-CADD\\Worksets\\29175\\VCNs\\Design\\Sheets\\23559DES_US 24 MP 271.9_P&P Sheets.dgn

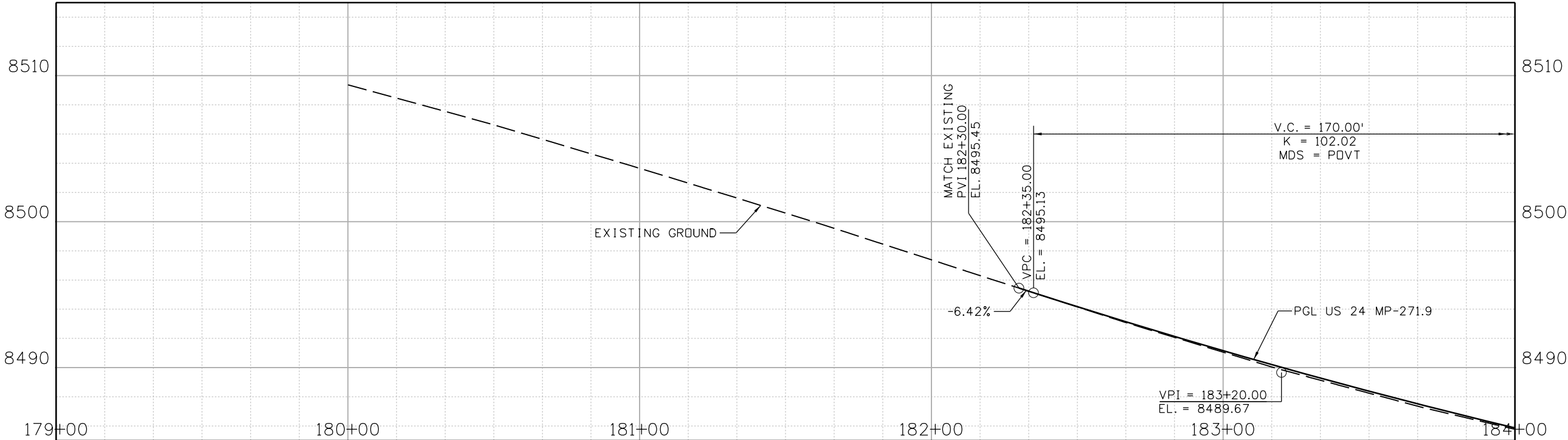



LEGEND:

(C-19) - UTILITY ID NO.


CURVE DATA:

PI = 181+31.22
PC = 180+23.14
PT = 182+39.17
 Δ = 04°50'06" RT
Tc = 108.08'
Dc = 02°14'17"
Lc = 216.03'
Rc = 2,560.00'
eMAX = +2.1%



Print Date: 2/16/2021 File Name: 23559DES_US 24 MP 271.9_P&P Sheets.dgn
Horiz. Scale: Vert. Scale: As Noted

8000 South Chester St.
Suite 500
Centennial, CO 80112
Phone: 303-799-6806

Sheet Revisions		
Date:	Comments	Init.

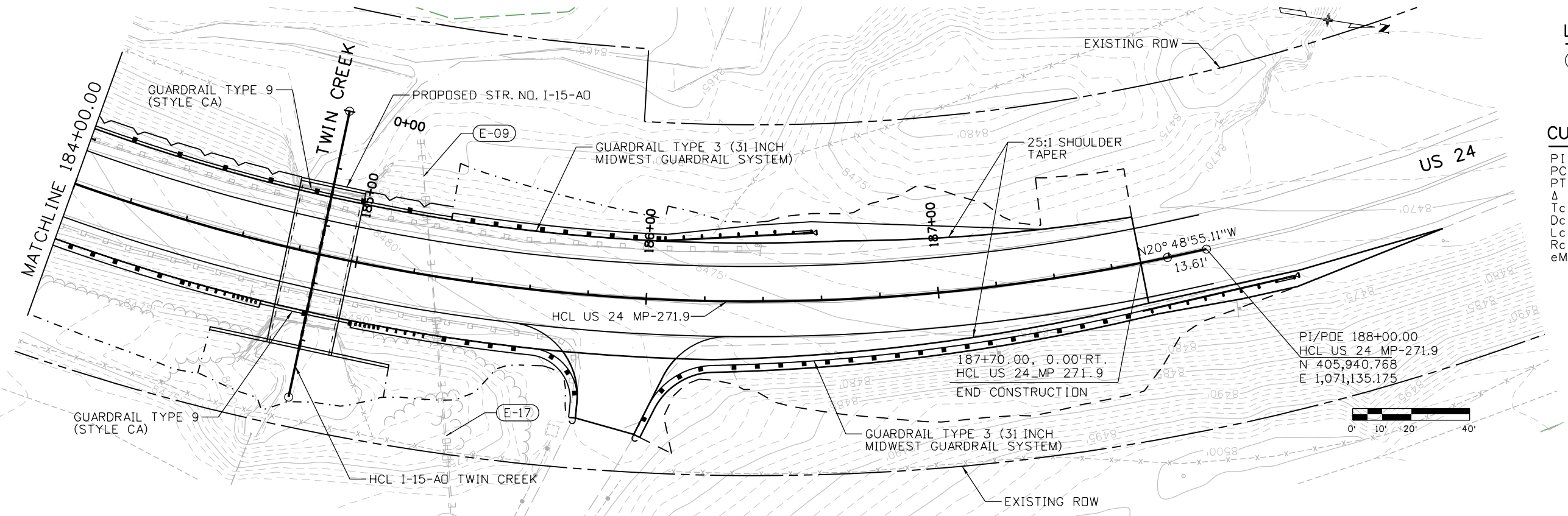
Colorado Department of Transportation

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402
Region 2 JLS

As Constructed
No Revisions:
Revised:
Void:

REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK ROADWAY PLAN AND PROFILE			
Designer:	R. HANSON	Structure No.	I-15-A0
Detailer:	R. HANSON	M.P.	US 24 271.9
Sheet Subset:	ROADWAY	Subset Sheets:	1 of 2

Project No./Code
Sheet Number

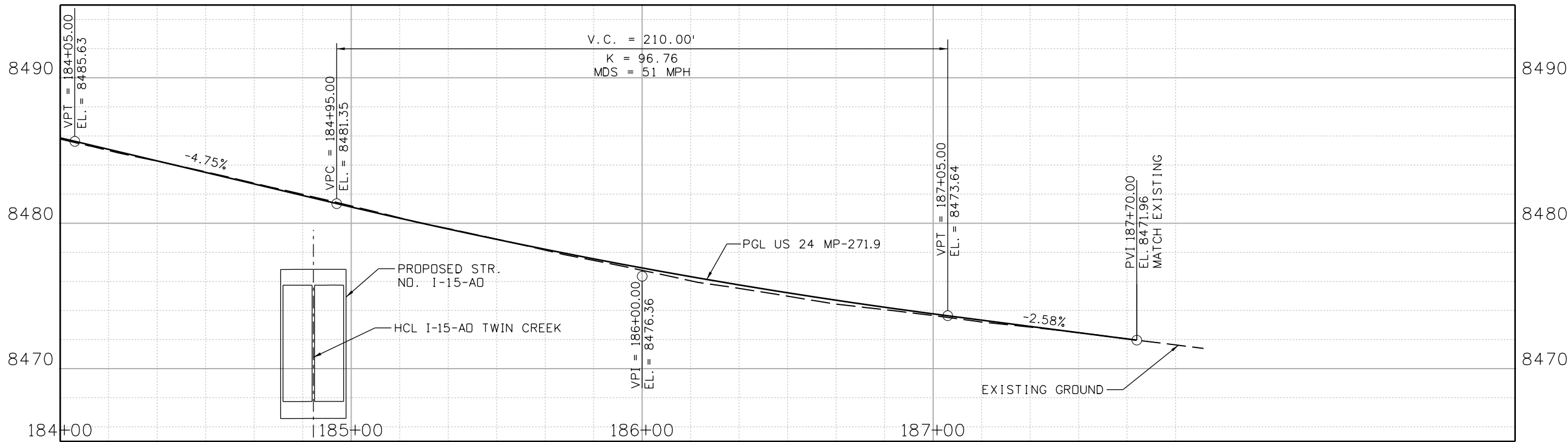
9356 10:17:05 AM pw:\\SC1-PWINTEG-2.stanleygroup.com\\Data\\source-1\\Documents\\Colorado\\Department_of_Transportation\\29715 - CDDT R2 Bridge Bundle\\11-CADD\\Worksheets\\29175\\DGNs\\Design\\Sheets\\23559DES_US 24 MP 271.9_P&P Sheets.dgn



LEGEND:
C-19 - UTILITY ID NO.

CURVE DATA:

PI = 185+94.14
PC = 183+98.75
PT = 187+79.33
 $\Delta = 31^\circ 58' 24''$ LT
Tc = 195.39'
Dc = 08° 24' 04"
Lc = 380.58'
Rc = 682.00'
eMAX = +9.7%



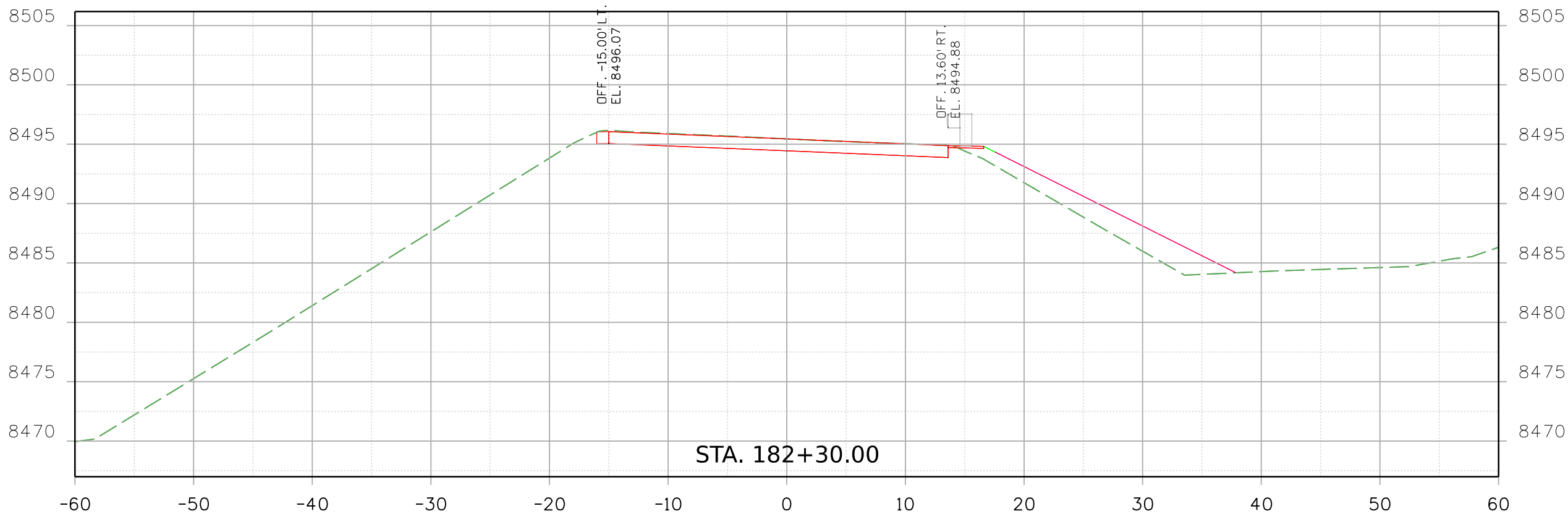
Print Date: 2/16/2021 File Name: 23559DES_US 24 MP 271.9_P&P Sheets.dgn
Horiz. Scale: Vert. Scale: As Noted
 Stanley Consultants INC. 8000 South Chester St. Suite 500 Centennial, CO 80112 Phone: 303-799-6806

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 5615 Wills Blvd Pueblo, CO 81008 Phone: 719-546-5753 FAX: 719-546-5402
Region 2 JLS

As Constructed	REGION 2 BRIDGE BUNDLE		Project No./Code	
No Revisions:	US 24 OVER TWIN CREEK			
Revised:	ROADWAY PLAN AND PROFILE			
Void:	Designer: R. HANSON	Structure No. I-15-AO		
	Detailer: R. HANSON	M.P. US 24 271.9		
	Sheet Subset: ROADWAY	Subset Sheets: 2 of 2	Sheet Number	

9356 10:17:18 AM pw:\\SCI-PW\\INTEG-2.stanleygroup.com\\Datasource-1\\Documents\\Colorado_Department_of_Transportation\\29715 - CDDT R2 Bridge Bundle\\11-CADD\\Worksets\\29175\\DGNs\\Design\\Sheets\\23559DES_US_24 MP 271.9_Xsec.dgn




Print Date: 2/16/2021

File Name:

23559DES_US_24_MP_271.9_Xsec.dgn

Horiz. Scale: Vert. Scale: As Noted




Stanley Consultants

8000 South Chester St.
Suite 500
Centennial, CO 80112
Phone: 303-799-6806

INC.

Sheet Revisions		
Date:	Comments	Init.



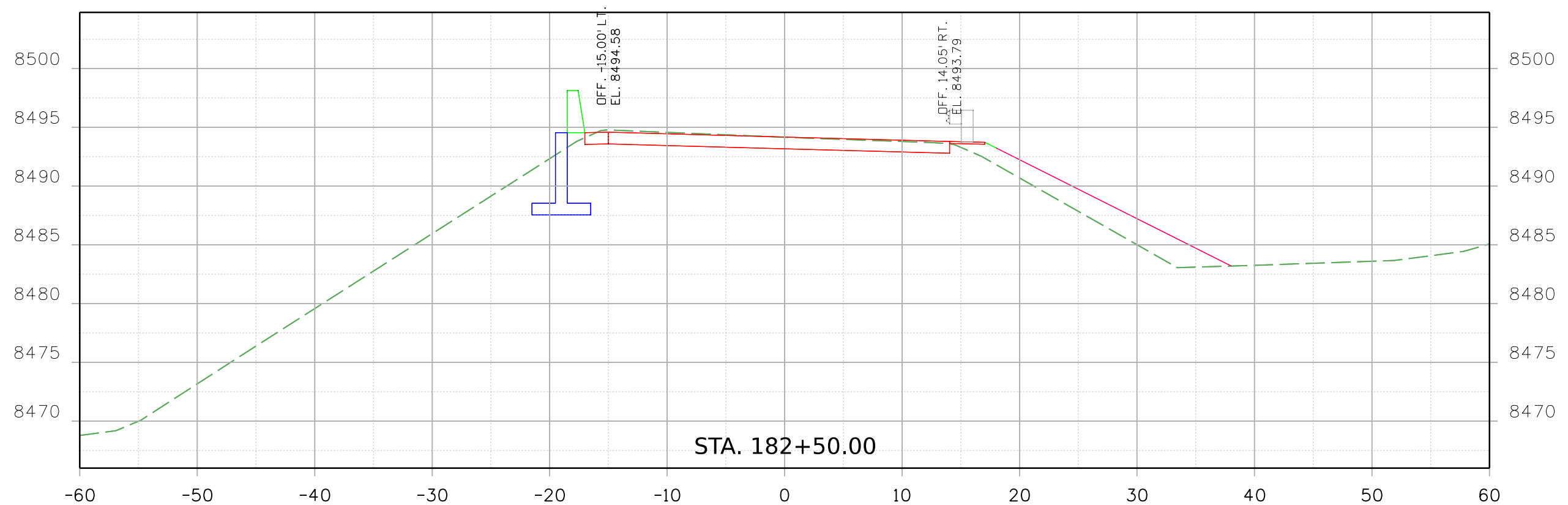
Colorado Department of Transportation

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

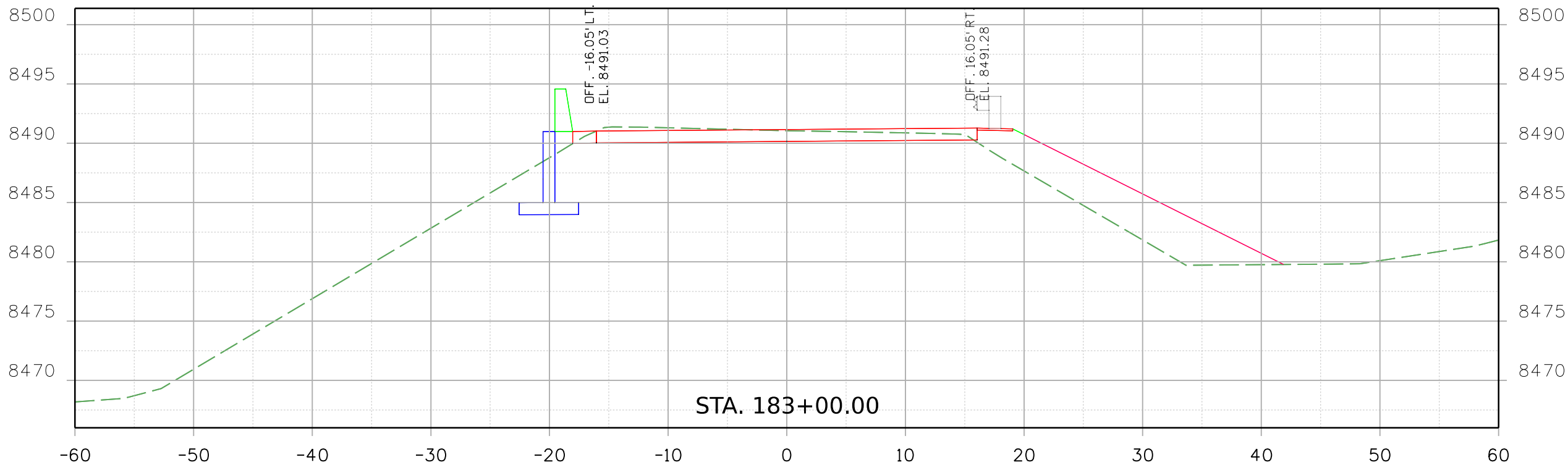
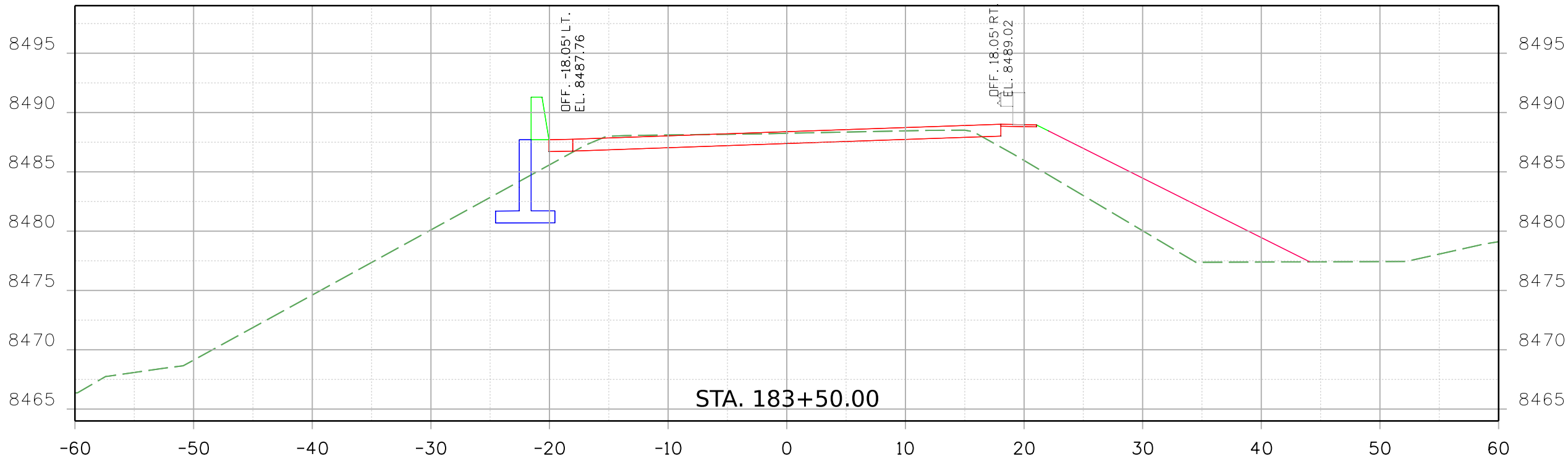
Region 2

JLS

As Constructed	REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK CROSS SECTIONS			Project No./Code
	No Revisions:			
	Revised:	Designer: R. HANSON	Structure No. I-15-A0	
	Void:	Detailer: R. HANSON	M.P. US 24 271.9	Sheet Number
Sheet Subset: XSEC		Subset Sheets: 1 of 9		

[illegible]

9356 10:17:19 AM pw:\SCI-PW\INTEG-2.stanleygroup.com\Datasource-1\Documents\Colorado_Department_of_Transportation\29715 - CDOT R2 Bridge Bundle\11-CADD\Worksheets\29175\DGNS\Design\Sheets\23559DES_US_24 MP 271.9_Xsec.dgn



Print Date: 2/16/2021 File Name:

23559DES_US_24 MP 271.9_Xsec.dgn

Horiz. Scale: Vert. Scale: As Noted



Stanley Consultants INC. 8000 South Chester St. Suite 500 Centennial, CO 80112 Phone: 303-799-6806

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



Region 2

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

JLS

As Constructed

No Revisions:

Revised:

Void:

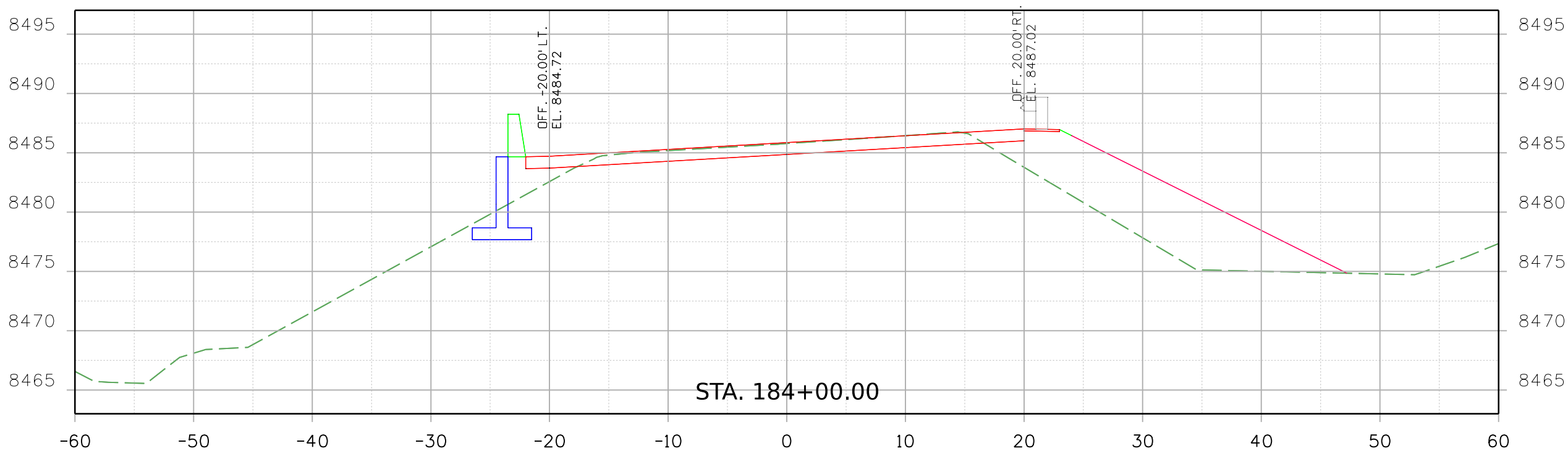
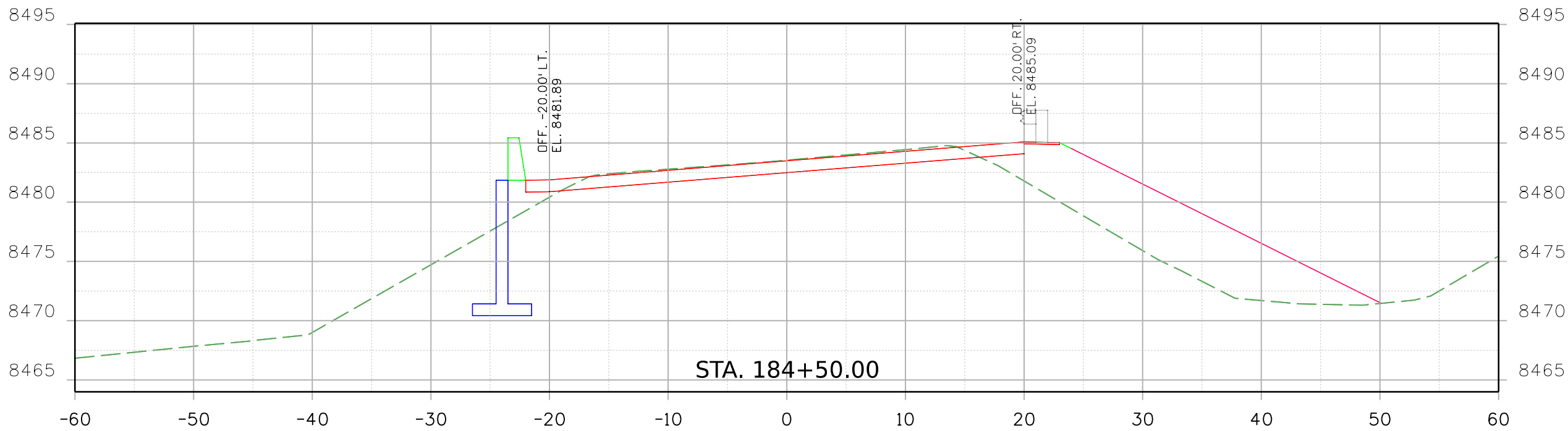
REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK CROSS SECTIONS

Designer:	R. HANSON	Structure No.	I-15-A0
Detailer:	R. HANSON	M.P.	US 24 271.9
Sheet Subset:	XSEC	Subset Sheets:	3 of 9

Project No./Code

Sheet Number

9356 10:17:20 AM pw:\\\\SCI-PWINTEG-2.stanleygroup.com\\Data\\source-1\\Documents\\Colorado_Department_of_Transportation\\29715 - CDDT R2 Bridge Bundle\\11-CADD\\Worksets\\29175\\DGNs\\Design\\Sheets\\23559DES_US 24 MP 271.9_Xsec.dgn



Print Date: 2/16/2021 File Name:

23559DES_US 24 MP 271.9_Xsec.dgn

Horiz. Scale: Vert. Scale: As Noted



8000 South Chester St.
Suite 500
Centennial, CO 80112
Stanley Consultants INC. Phone: 303-799-6806

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



Region 2

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

JLS

As Constructed

No Revisions:

Revised:

Void:

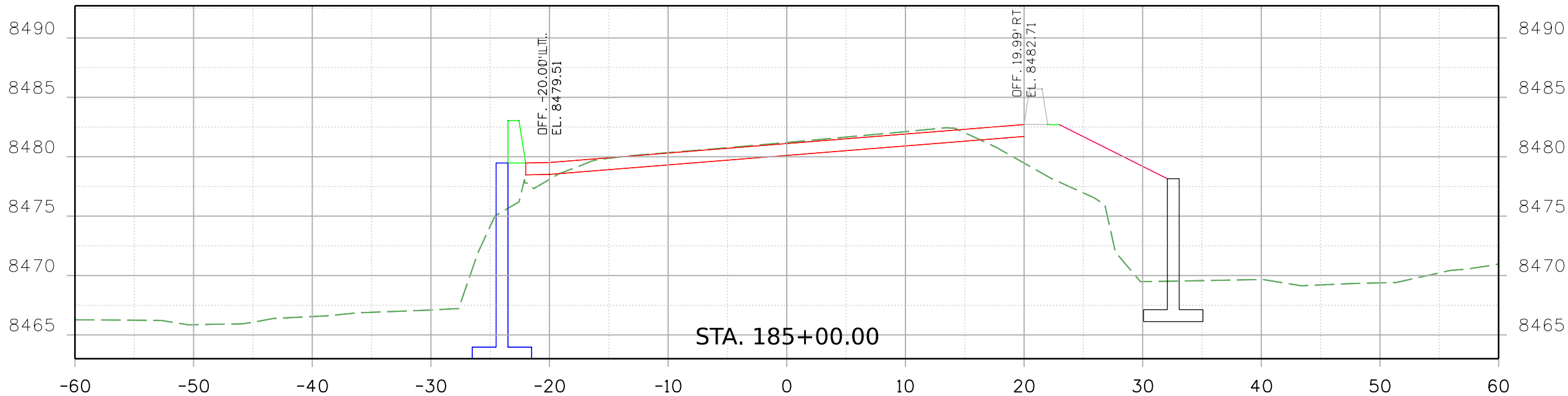
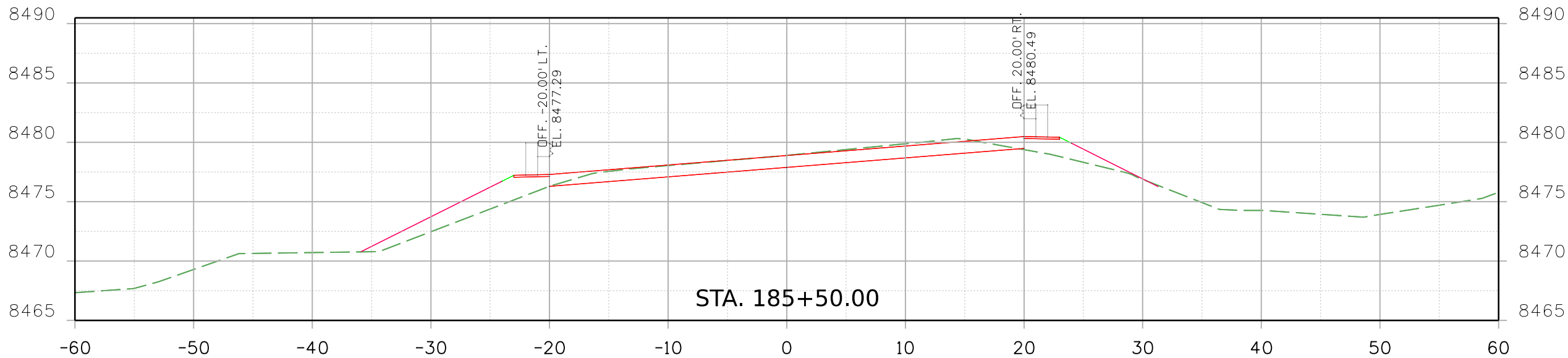
REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK CROSS SECTIONS

Designer:	R. HANSON	Structure No.	I-15-A0
Detailer:	R. HANSON	M.P.	US 24 271.9
Sheet Subset:	XSEC	Subset Sheets:	4 of 9

Project No./Code

Sheet Number

9356 10:17:20 AM pw:\\\\SCI-PW\\INTEG-2.stanleygroup.com\\Data\\source-1\\Documents\\Colorado_Department_of_Transportation\\29715 - CDDT R2 Bridge Bundle\\11-CADD\\Worksets\\29715\\DGNs\\Design\\Sheets\\23559DES_US 24 MP 271.9_Xsec.dgn



Print Date: 2/16/2021 File Name:

23559DES_US 24 MP 271.9_Xsec.dgn

Horiz. Scale: Vert. Scale: As Noted


8000 South Chester St.
Suite 500
Centennial, CO 80112
Phone: 303-799-6806

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



Region 2

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

JLS

As Constructed

No Revisions:

Revised:

Void:

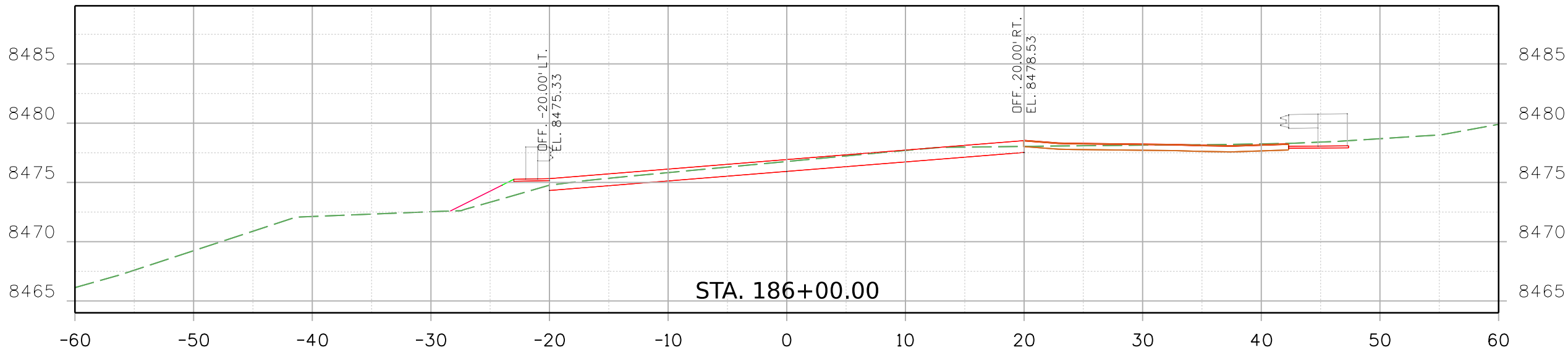
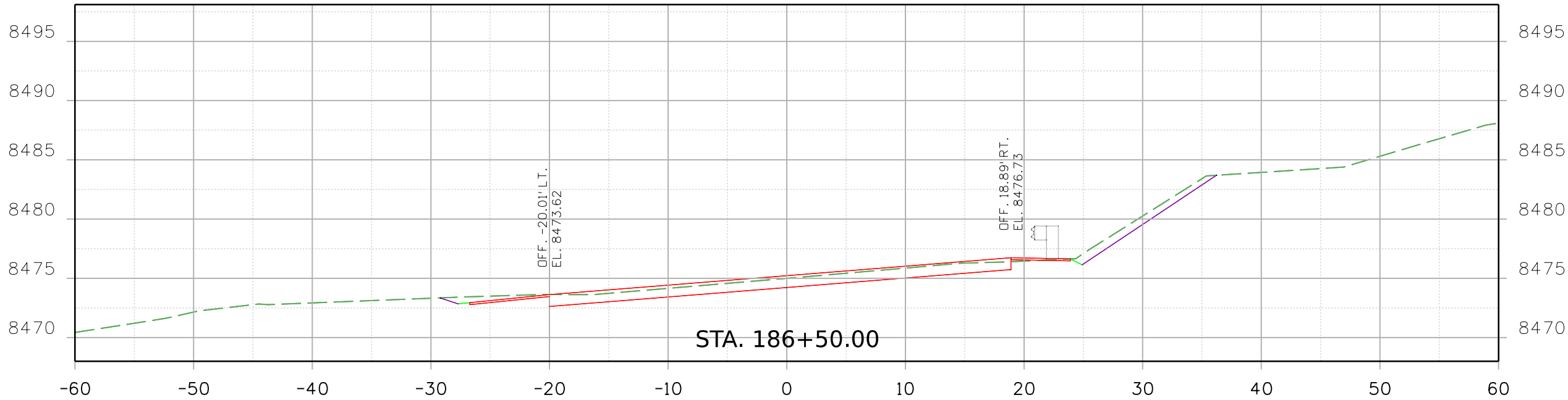
REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK CROSS SECTIONS

Designer:	R. HANSON	Structure No.	I-15-A0
Detailer:	R. HANSON	M.P.	US 24 271.9
Sheet Subset:	XSEC	Subset Sheets:	5 of 9

Project No./Code


Sheet Number

9356 10:17:21 AM pw:\SCI-PW\INTEG-2\stanleygroup.com\Datasource-1\Documents\Colorado_Department_of_Transportation\29715 - CDDT R2 Bridge Bundle\11-CAAD\Worksheets\29715\Design\Sheets\23559DES_US 24 MP 271.9_Xsec.dgn



Print Date: 2/16/2021 File Name: 23559DES_US 24 MP 271.9_Xsec.dgn


Horiz. Scale: Vert. Scale: As Noted



8000 South Chester St.
Suite 500
Centennial, CO 80112
Phone: 303-799-6806

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

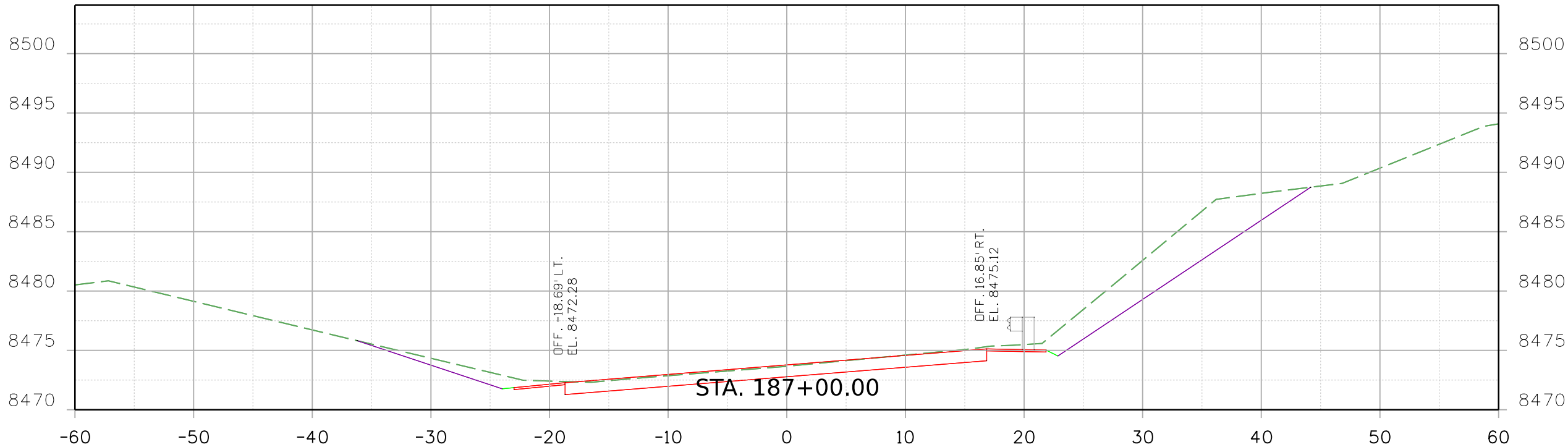


5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

Region 2 JLS

As Constructed	REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK CROSS SECTIONS			Project No./Code
No Revisions:				
Revised:	Designer: R. HANSON	Structure No. I-15-A0		
Void:	Detailer: R. HANSON	M.P. US 24 271.9		
	Sheet Subset: XSEC	Subset Sheets: 6 of 9	Sheet Number	

9356 10:17:22 AM pw:\\\\SCI-PW\\INTEG-2.stanleygroup.com\\Data\\source-1\\Documents\\Colorado_Department_of_Transportation\\29715 - CDDT R2 Bridge Bundle\\11-CADD\\Worksets\\29715\\DGNs\\Design\\Sheets\\23559DES_US 24 MP 271.9_Xsec.dgn



Print Date: 2/16/2021 File Name:

23559DES_US 24 MP 271.9_Xsec.dgn

Horiz. Scale: Vert. Scale: As Noted



Stanley Consultants INC. 8000 South Chester St.
Suite 500
Centennial, CO 80112
Phone: 303-799-6806

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



Region 2

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

JLS

As Constructed

No Revisions:

Revised:

Void:

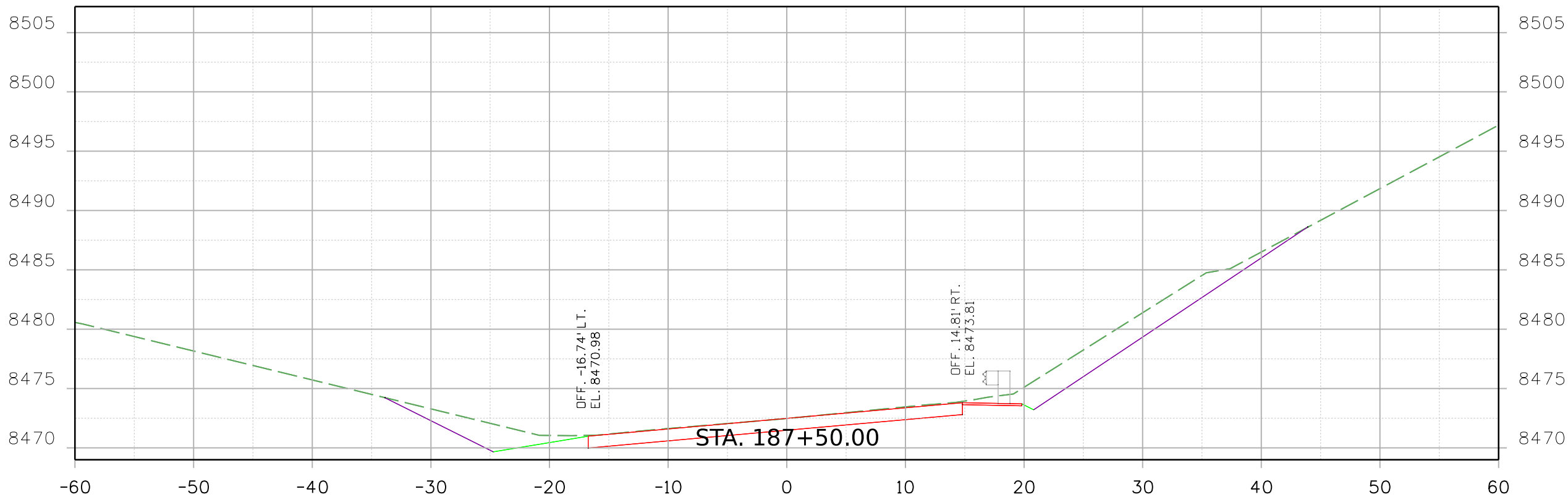
REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK CROSS SECTIONS

Designer:	R. HANSON	Structure No.	I-15-A0
Detailer:	R. HANSON	M.P.	US 24 271.9
Sheet Subset:	XSEC	Subset Sheets:	7 of 9

Project No./Code

Sheet Number

9356 10:17:22 AM pw:\\SCI-PW\\INTEG-2.stanleygroup.com\\Data\\source-1\\Documents\\Colorado_Department_of_Transportation\\29715 - CDDT R2 Bridge Bundle\\11-CADD\\Worksets\\29175\\DGNs\\Design\\Sheets\\23559DES_US 24 MP 271.9_Xsec.dgn



Print Date: 2/16/2021 File Name:

23559DES_US 24 MP 271.9_Xsec.dgn

Horiz. Scale: Vert. Scale: As Noted



Stanley Consultants INC. 8000 South Chester St. Suite 500 Centennial, CO 80112 Phone: 303-799-6806

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



Region 2

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

JLS

As Constructed

No Revisions:

Revised:

Void:

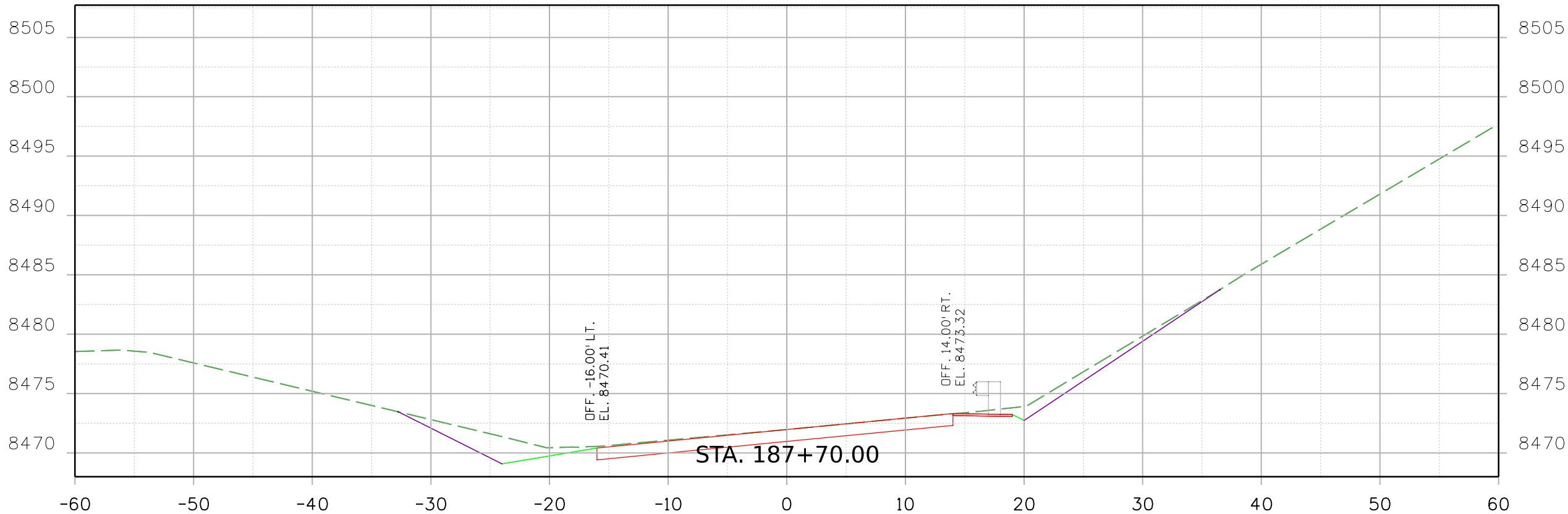
REGION 2 BRIDGE BUNDLE US 24 OVER TWIN CREEK CROSS SECTIONS

Designer:	R. HANSON	Structure No.	I-15-A0
Detailer:	R. HANSON	M.P.	US 24 271.9
Sheet Subset:	XSEC	Subset Sheets:	8 of 9

Project No./Code

Sheet Number

9356 10:17:23 AM pw:\\SCI-PW\\INTEG-2.stanleygroup.com\\Data\\source-1\\Documents\\Colorado_Department_of_Transportation\\29715 - CDDT R2 Bridge Bundle\\11-CADD\\Worksets\\29175\\DGNs\\Design\\Sheets\\23559DES_US 24 MP 271.9_Xsec.dgn



Print Date: 2/16/2021 File Name:

23559DES_US 24 MP 271.9_Xsec.dgn

Horiz. Scale: Vert. Scale: As Noted



Stanley Consultants INC. 8000 South Chester St. Suite 500 Centennial, CO 80112 Phone: 303-799-6806

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



Region 2

5615 Wills Blvd
Pueblo, CO 81008
Phone: 719-546-5753
FAX: 719-546-5402

JLS

As Constructed

No Revisions:

Revised:

Void:

REGION 2 BRIDGE BUNDLE
US 24 OVER TWIN CREEK
CROSS SECTIONS

Designer: R. HANSON Structure No. I-15-A0

Detailer: R. HANSON M.P. US 24 271.9

Sheet Subset: XSEC Subset Sheets: 9 of 9

Project No./Code

Sheet Number