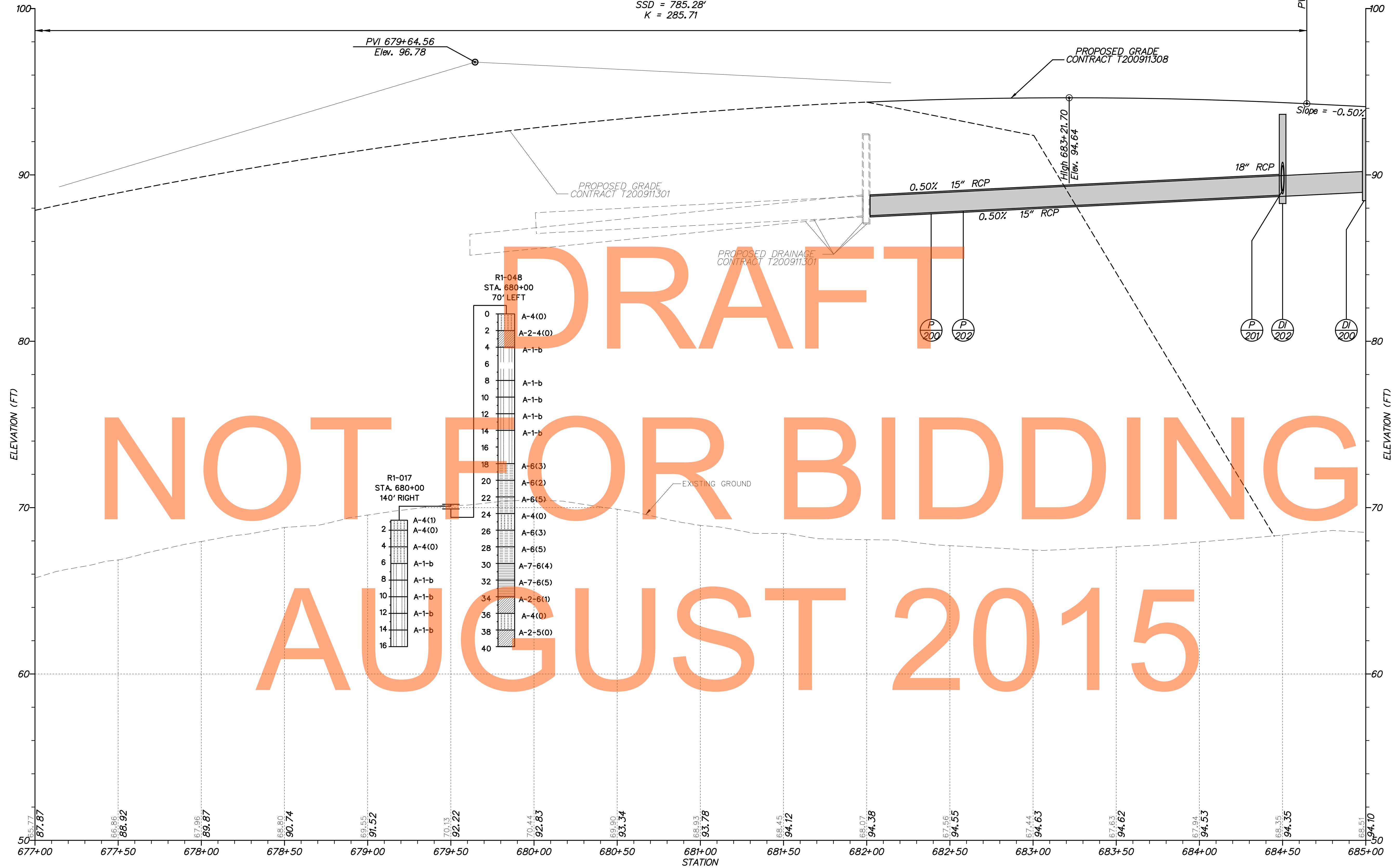


Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 1000.00'
 L1 = 500.00'
 L2 = 500.00'
 G1 = 3.00%
 G2 = -0.50%
 SSD = 785.28'
 K = 285.71



DRAFT

NOT FOR BIDDING

AUGUST 2015

R1-048
STA. 680+00
70' LEFT

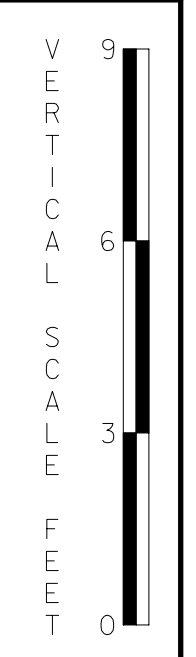
0	A-4(0)
2	A-2-4(0)
4	A-1-b
6	A-1-b
8	A-1-b
10	A-1-b
12	A-1-b
14	A-1-b
16	A-1-b
18	A-6(3)
20	A-6(2)
22	A-6(5)
24	A-4(0)
26	A-6(3)
28	A-6(5)
30	A-7-6(4)
32	A-7-6(5)
34	A-2-6(1)
36	A-4(0)
38	A-2-5(0)
40	

R1-017
STA. 680+00
140' RIGHT

2	A-4(1)
4	A-4(0)
6	A-1-b
8	A-1-b
10	A-1-b
12	A-1-b
14	A-1-b
16	A-1-b

US 301 - MAINLINE

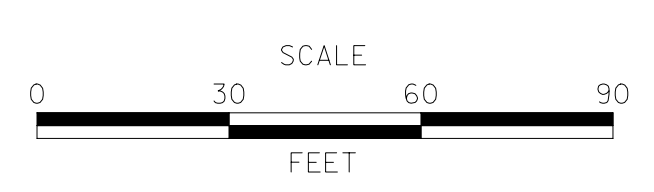
NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



P:\1445 US 301 SECT.1\DESIGN\FINAL_SUBMISSION\CONTRACT_1A-PSE\REF\SB00301_1A.DGN



ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BT

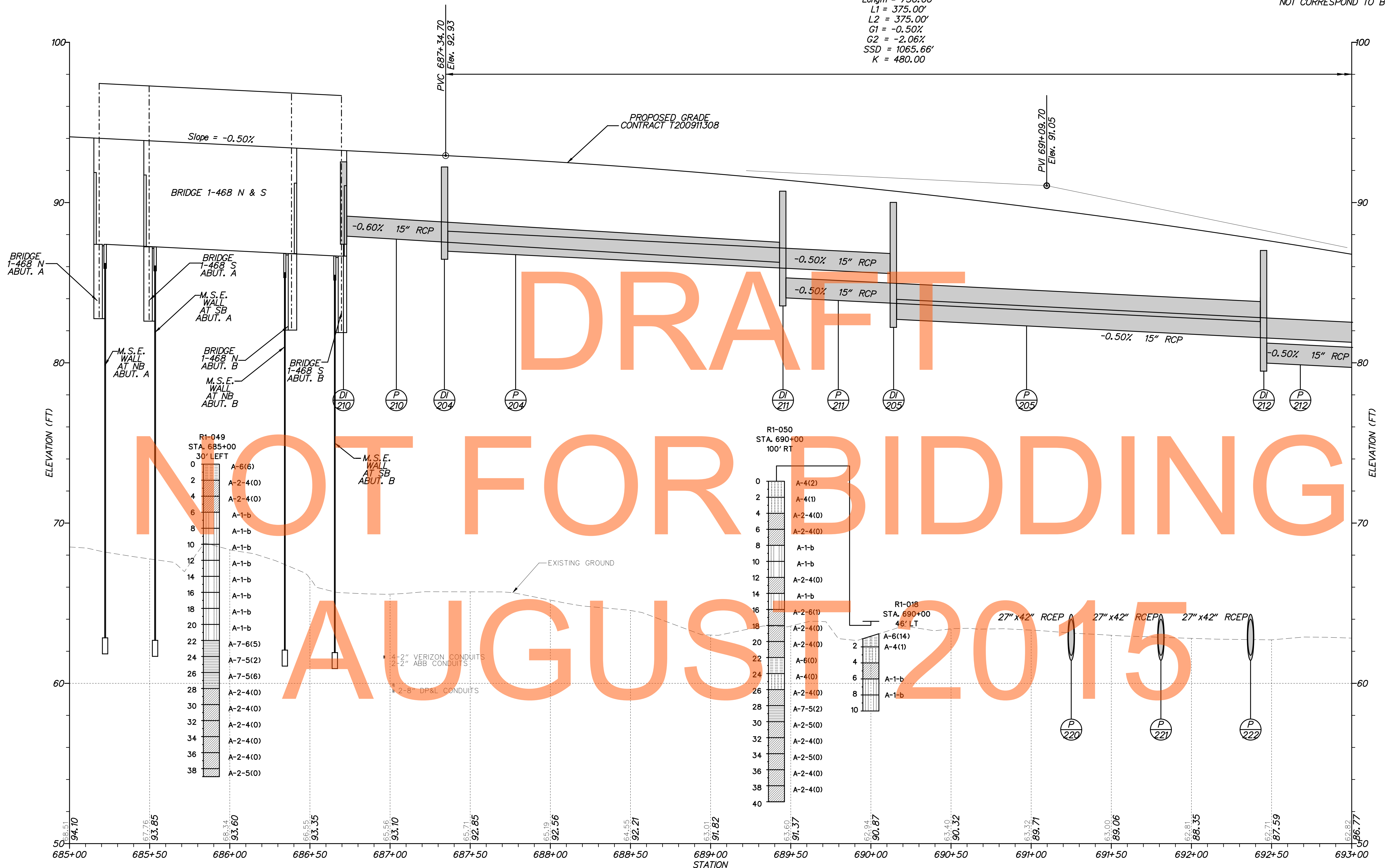
PROFILES

SHEET NO. 112
TOTAL SHTS. 875

PF-01

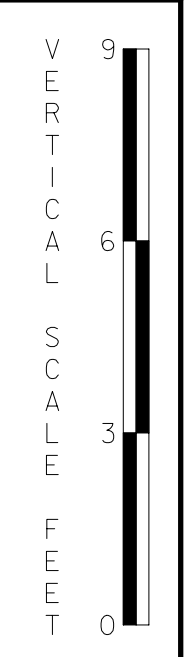
Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 750.00'
 L1 = 375.00'
 L2 = 375.00'
 G1 = -0.50%
 G2 = -2.06%
 SSD = 1065.66'
 K = 480.00

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



DRAFT
NOT FOR BIDDING
AUGUST 2015

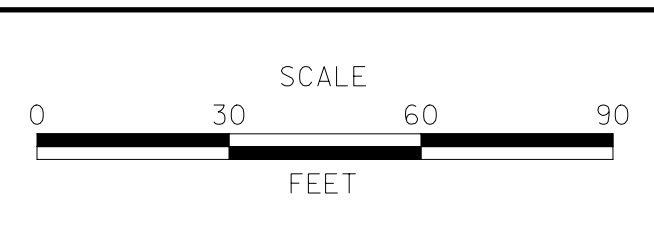
US 301 - MAINLINE



P:\1445 US 301 SECT.1\DESIGN\FINAL SUBMISSION\CONTRACT_1A-PSE\REF\SB0030301_1A.DGN



ADDENDUMS / REVISIONS	



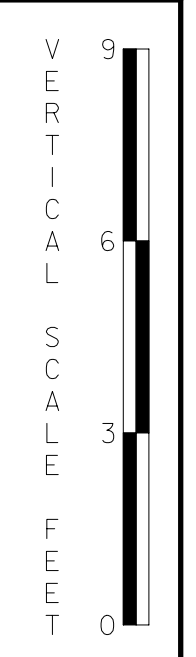
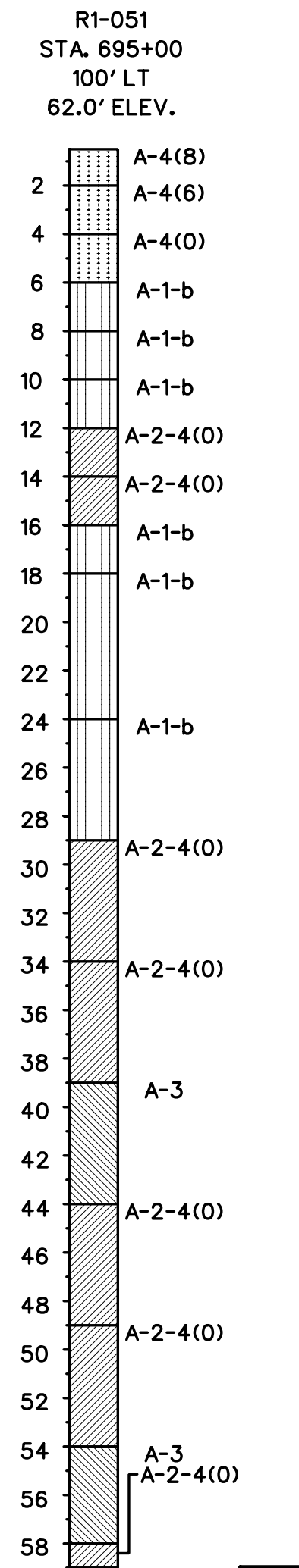
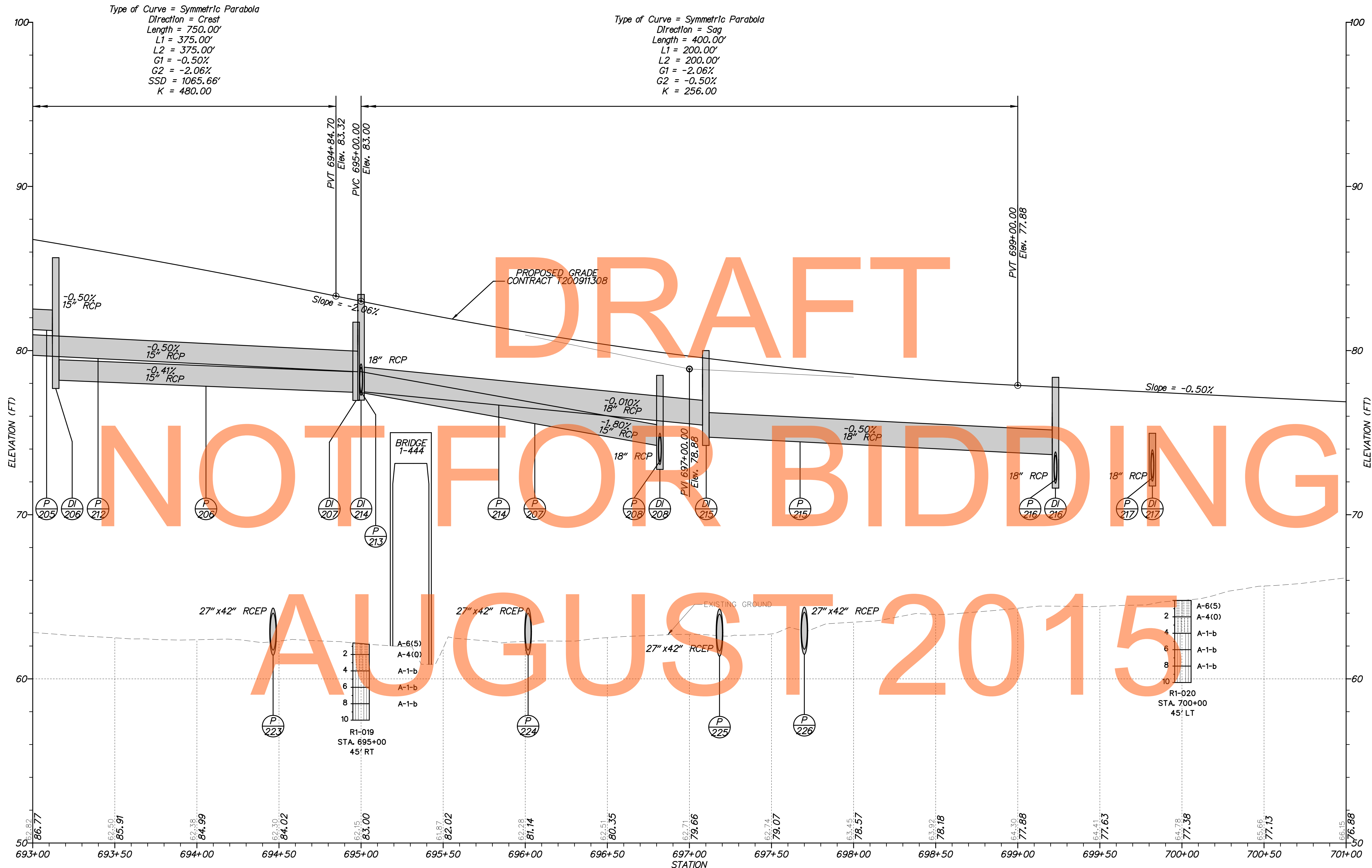
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO. 1-9
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BT

PROFILES

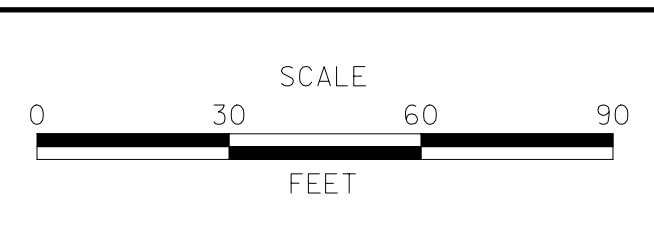
SHEET NO. 113
TOTAL SHTS. 875

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



P:\1445 US 301 SECT.1\DESIGN\FINAL_SUBMISSION\CONTRACT_1A-PSE\REF\SB0030301_1A.DGN

ADDENDUMS / REVISIONS



US 301, SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BT

PROFILES

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.

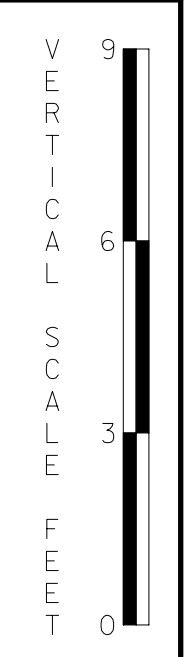


DRAFT

NOT FOR BIDDING

AUGUST 2015

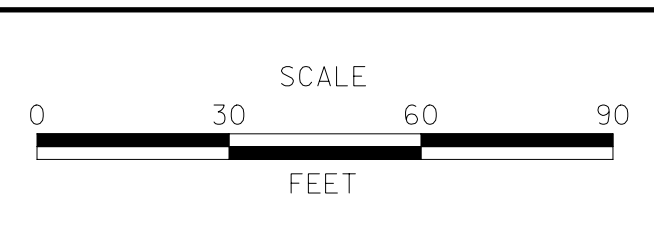
US 301 - MAINLINE



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ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

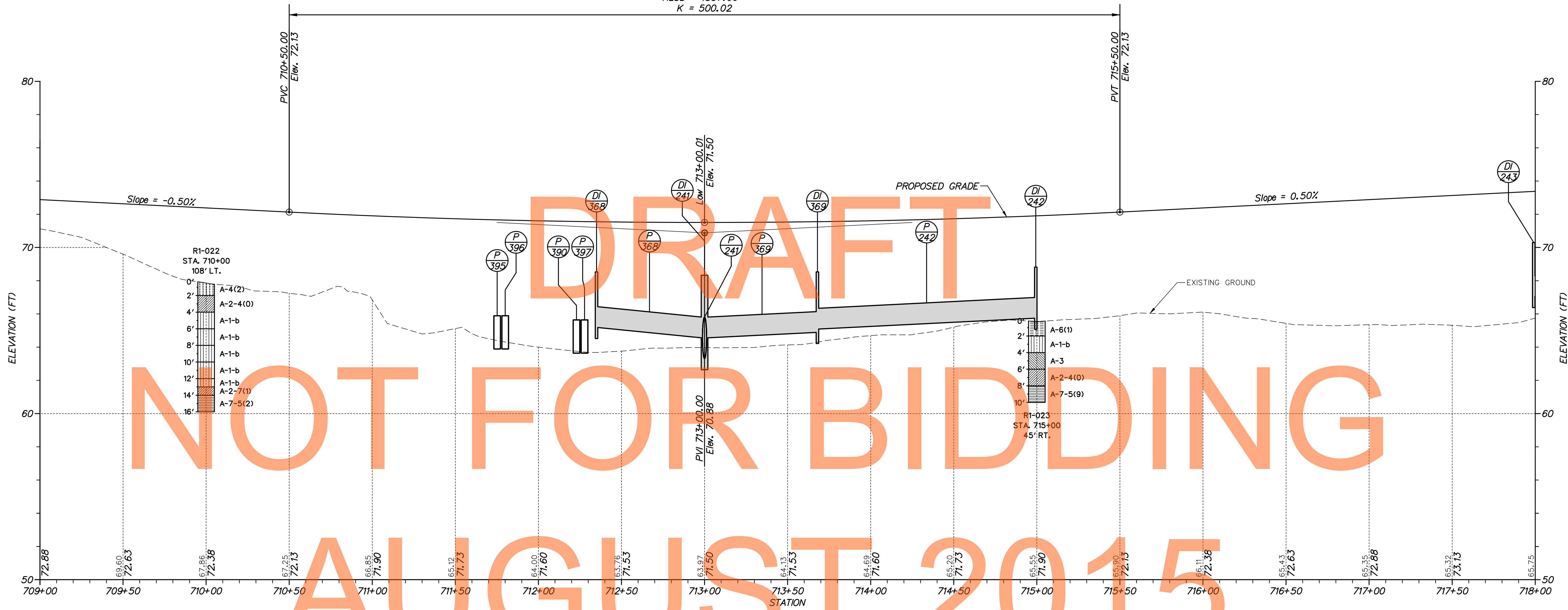
CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BT

PROFILES

SHEET NO. 115
TOTAL SHTS. 875

PF-04

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 500.00'
 L1 = 250.00'
 L2 = 250.00'
 G1 = -0.50%
 G2 = 0.50%
 HLSD = 1857.66'
 K = 500.02



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US 301 - MAINLINE

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



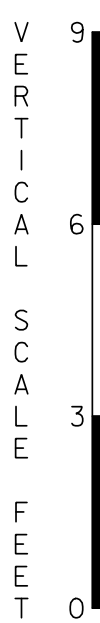
ADDENDUMS / REVISIONS



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

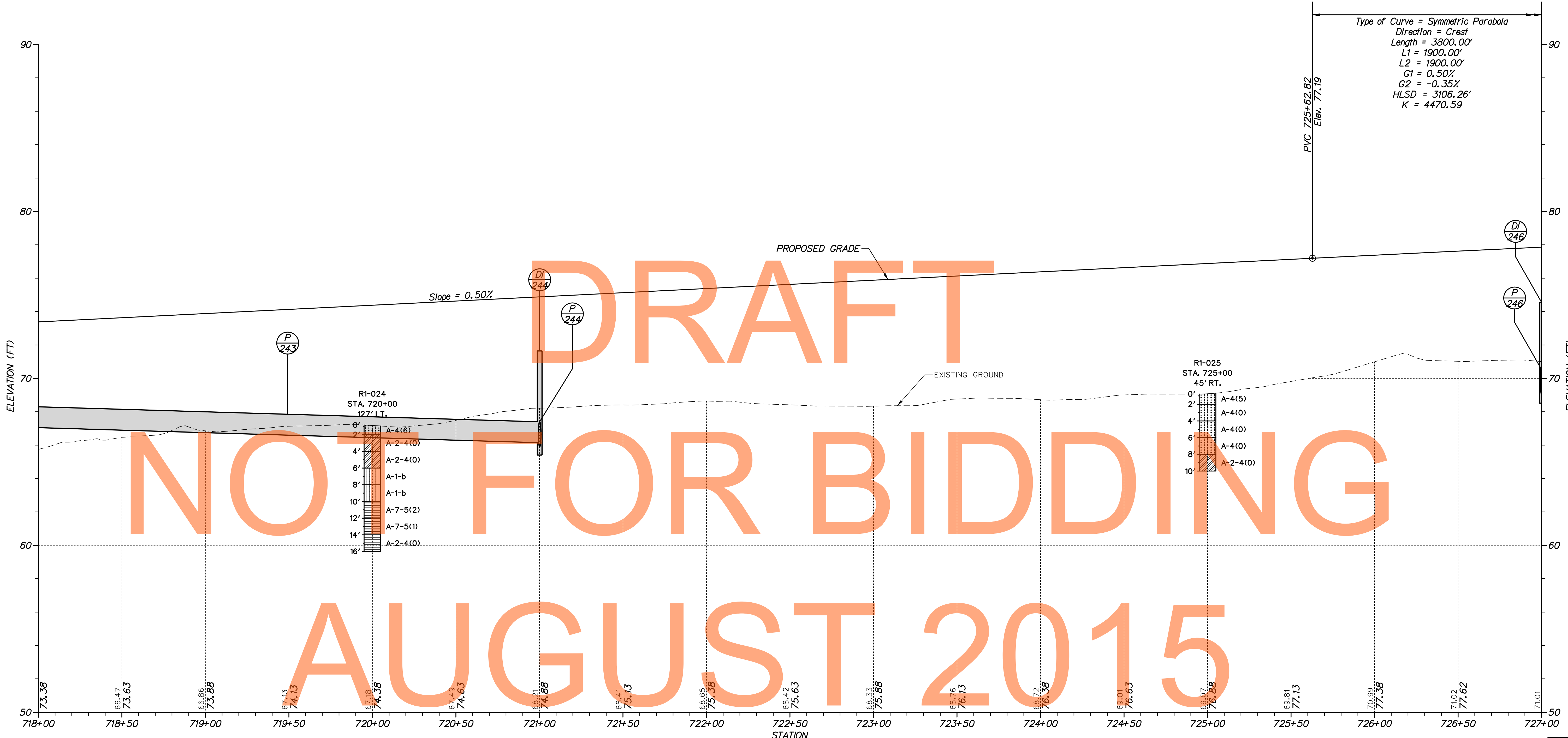


PF-05

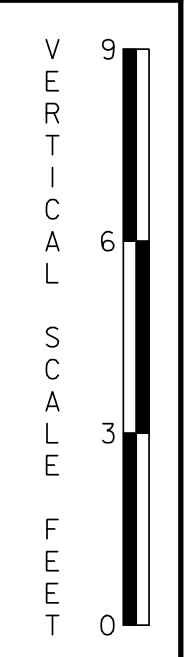
SHEET NO. 116
TOTAL SHTS. 875

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NO FOR BIDDING
AUGUST 2015



US 301 - MAINLINE

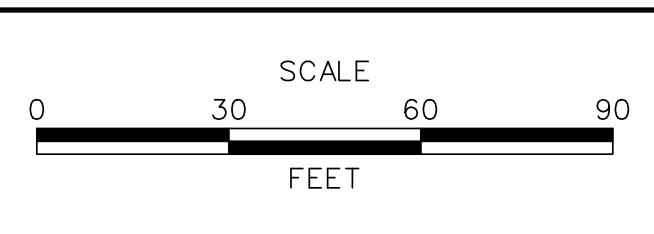


NOTE:
BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.

p:\1653-000\cadd\p\06\US301_1A.dgn 07/30/2012 2:40:08 PM



ADDENDUMS / REVISIONS	



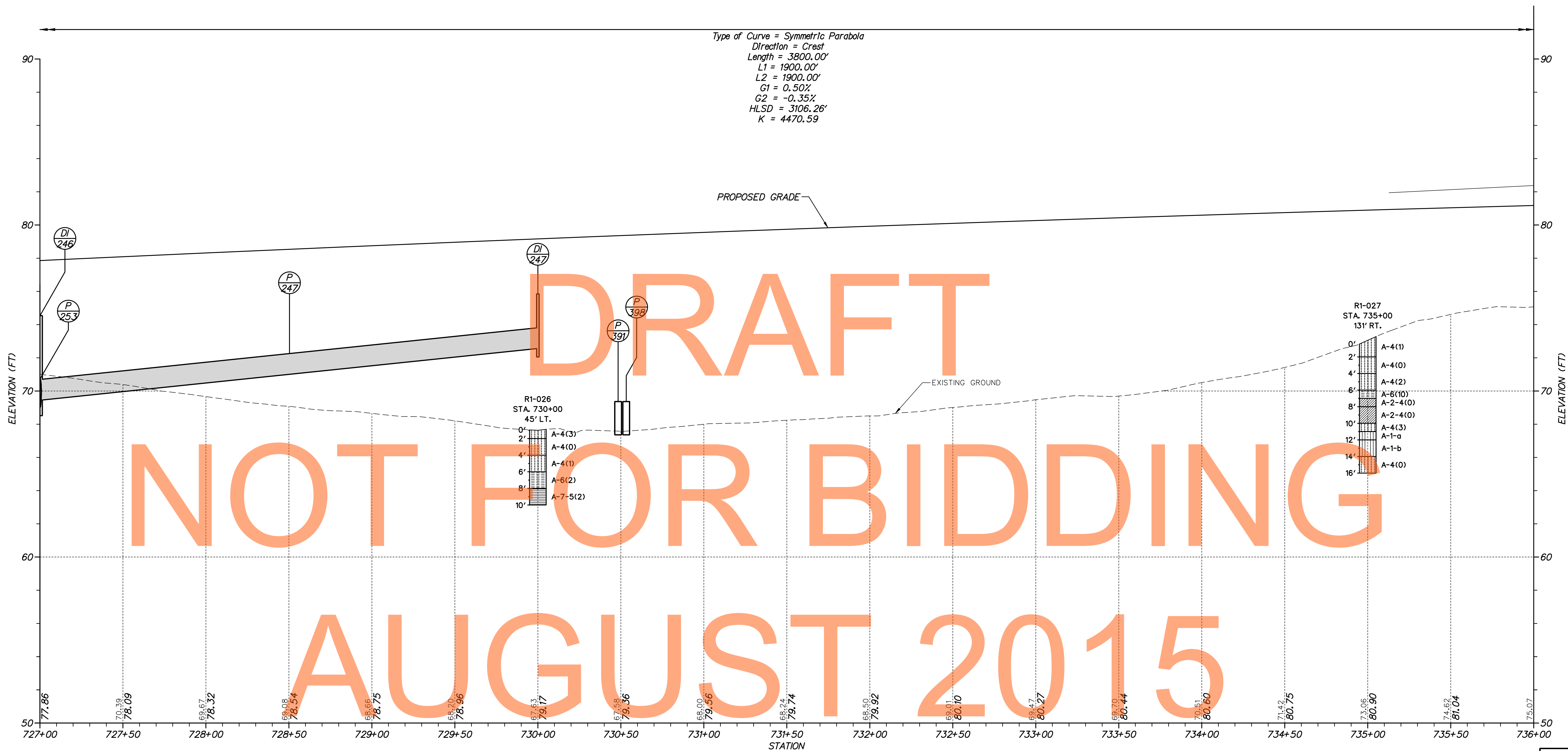
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.	
COUNTY NEW CASTLE	DESIGNED BY: SJB	
	CHECKED BY: TAO	

PROFILES	
SHEET NO. 117	
TOTAL SHTS. 875	

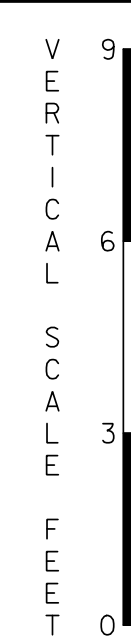
PF-06

Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 3800.00'
 L1 = 1900.00'
 L2 = 1900.00'
 G1 = 0.50%
 G2 = -0.35%
 HLSD = 3106.26'
 K = 4470.59



DRAFT
NOT FOR BIDDING
AUGUST 2015

US 301 - MAINLINE

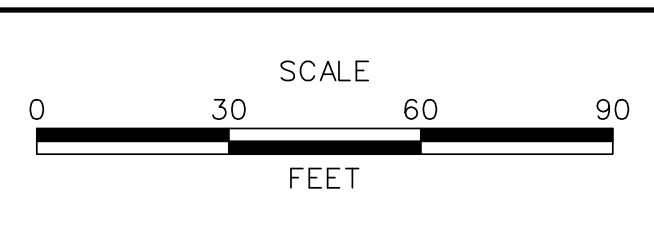


NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.

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 08/30/2012 2:41:12 PM



ADDENDUMS / REVISIONS	



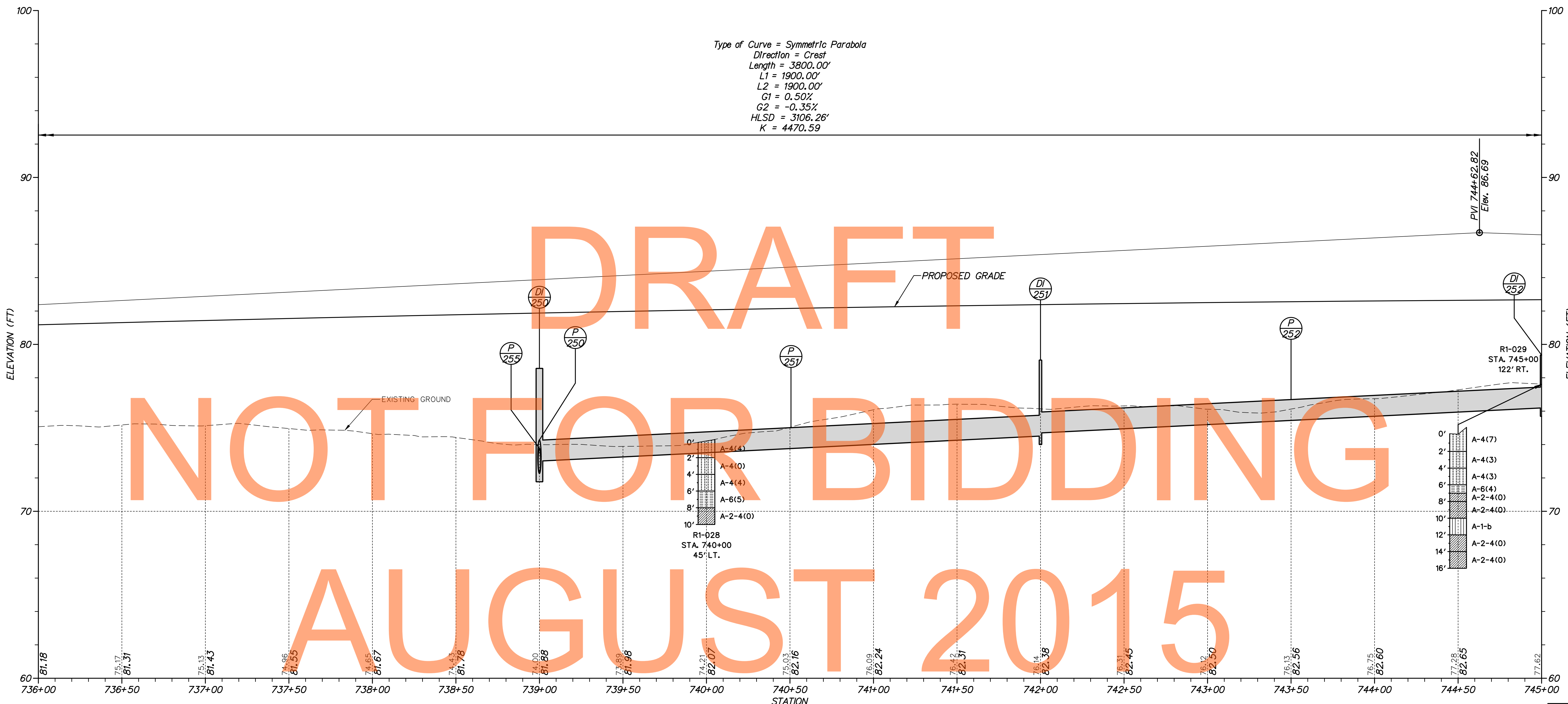
US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES	SHEET NO. 118
	TOTAL SHTS. 875

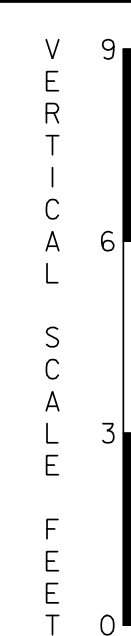
PF-07

Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 3800.00'
 L1 = 1900.00'
 L2 = 1900.00'
 G1 = 0.50%
 G2 = -0.35%
 HLSD = 3106.26'
 K = 4470.59



DRAFT
NOT FOR BIDDING
AUGUST 2015

US 301 - MAINLINE

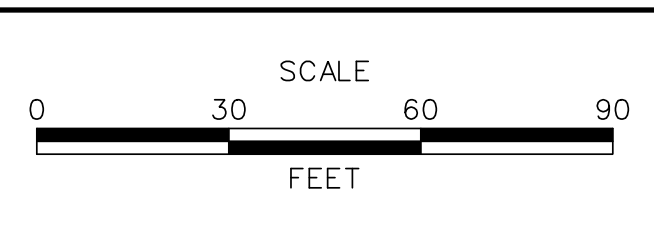


NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.

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ADDENDUMS / REVISIONS	



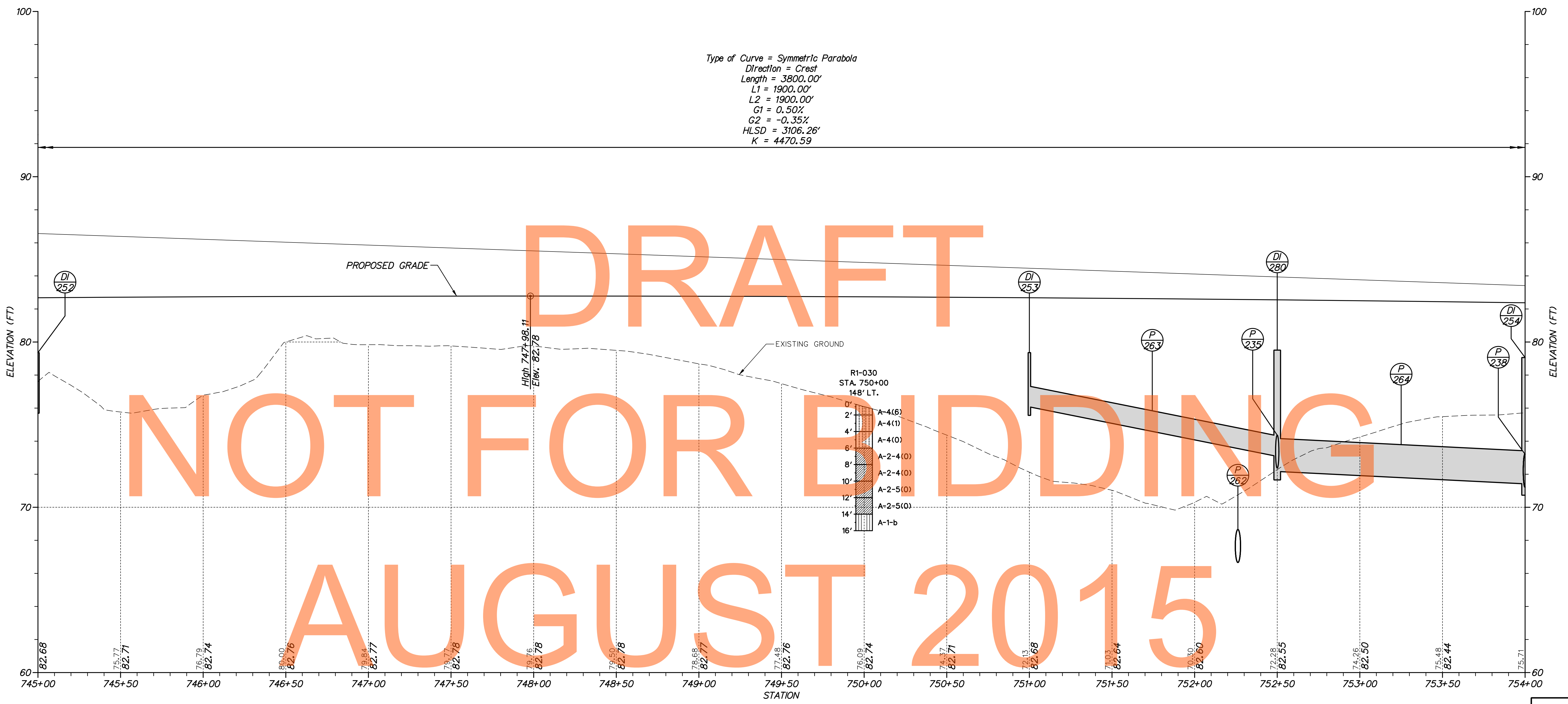
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES	SHEET NO. 119
	TOTAL SHTS. 875

PF-08

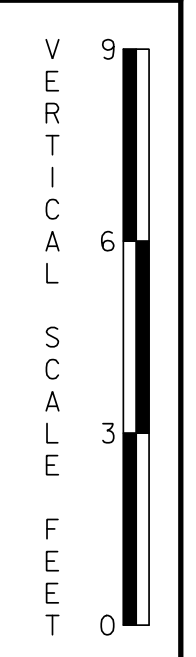
Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 3800.00'
 L1 = 1900.00'
 L2 = 1900.00'
 G1 = 0.50%
 G2 = -0.35%
 HLSD = 3106.26'
 K = 4470.59



DRAFT
NOT FOR BIDDING
AUGUST 2015

US 301 - MAINLINE

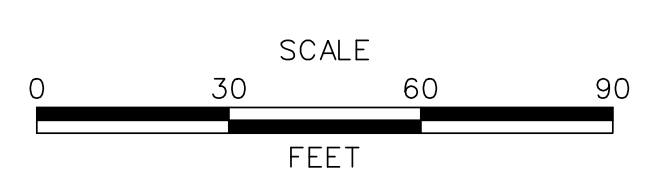
NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



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ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

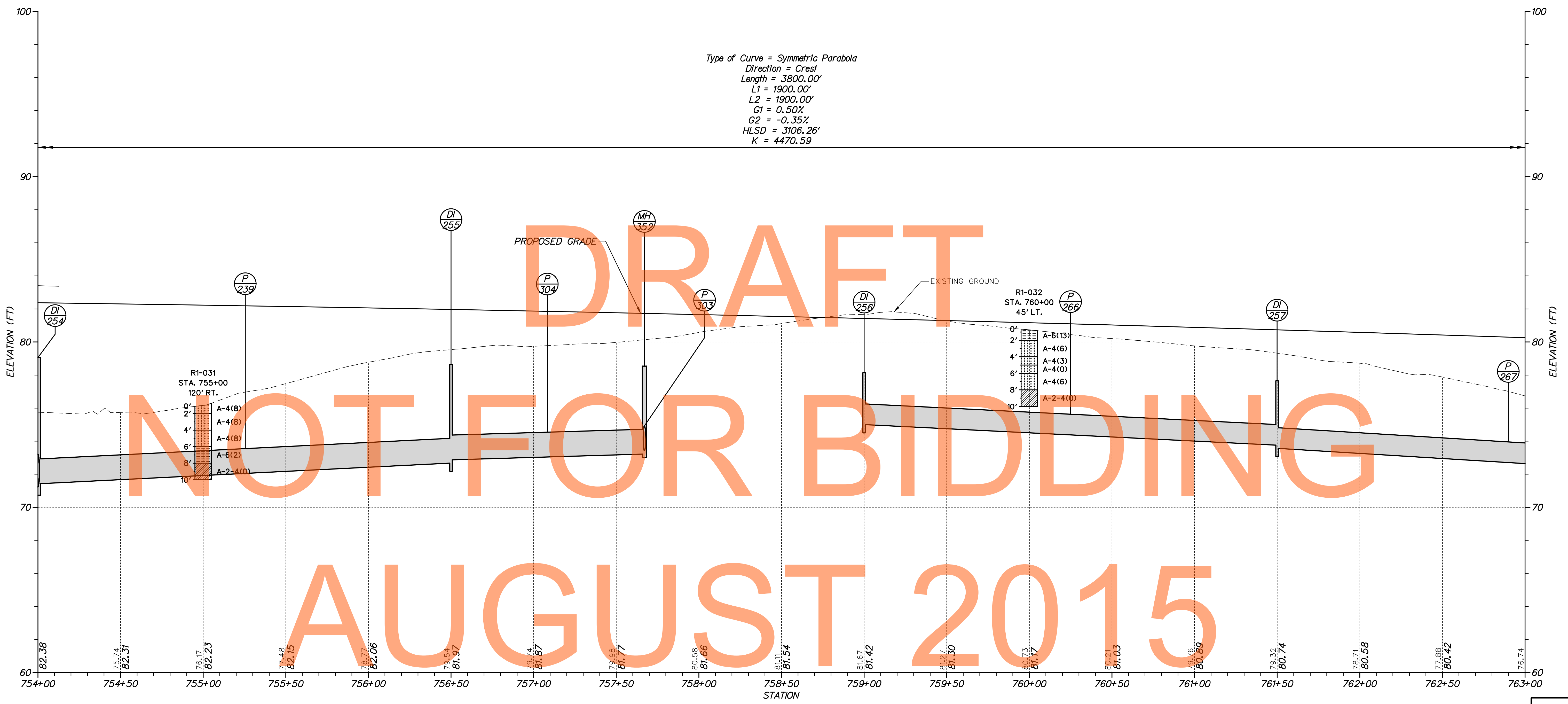
CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

SHEET NO.	120
TOTAL SHTS.	875

PF-09

Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 3800.00'
 L1 = 1900.00'
 L2 = 1900.00'
 G1 = 0.50%
 G2 = -0.35%
 HLSD = 3106.26'
 K = 4470.59

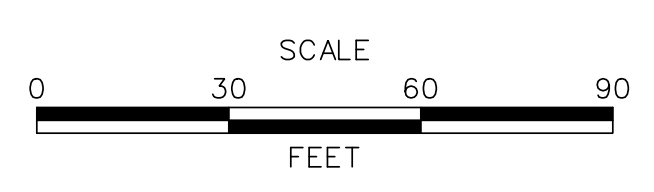


US 301 - MAINLINE

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



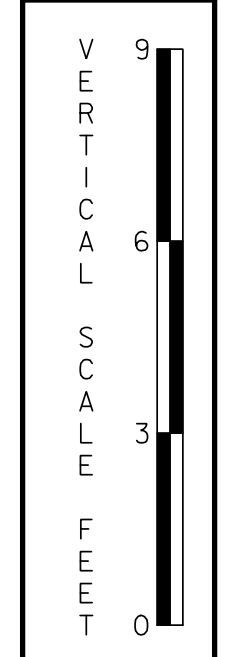
ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

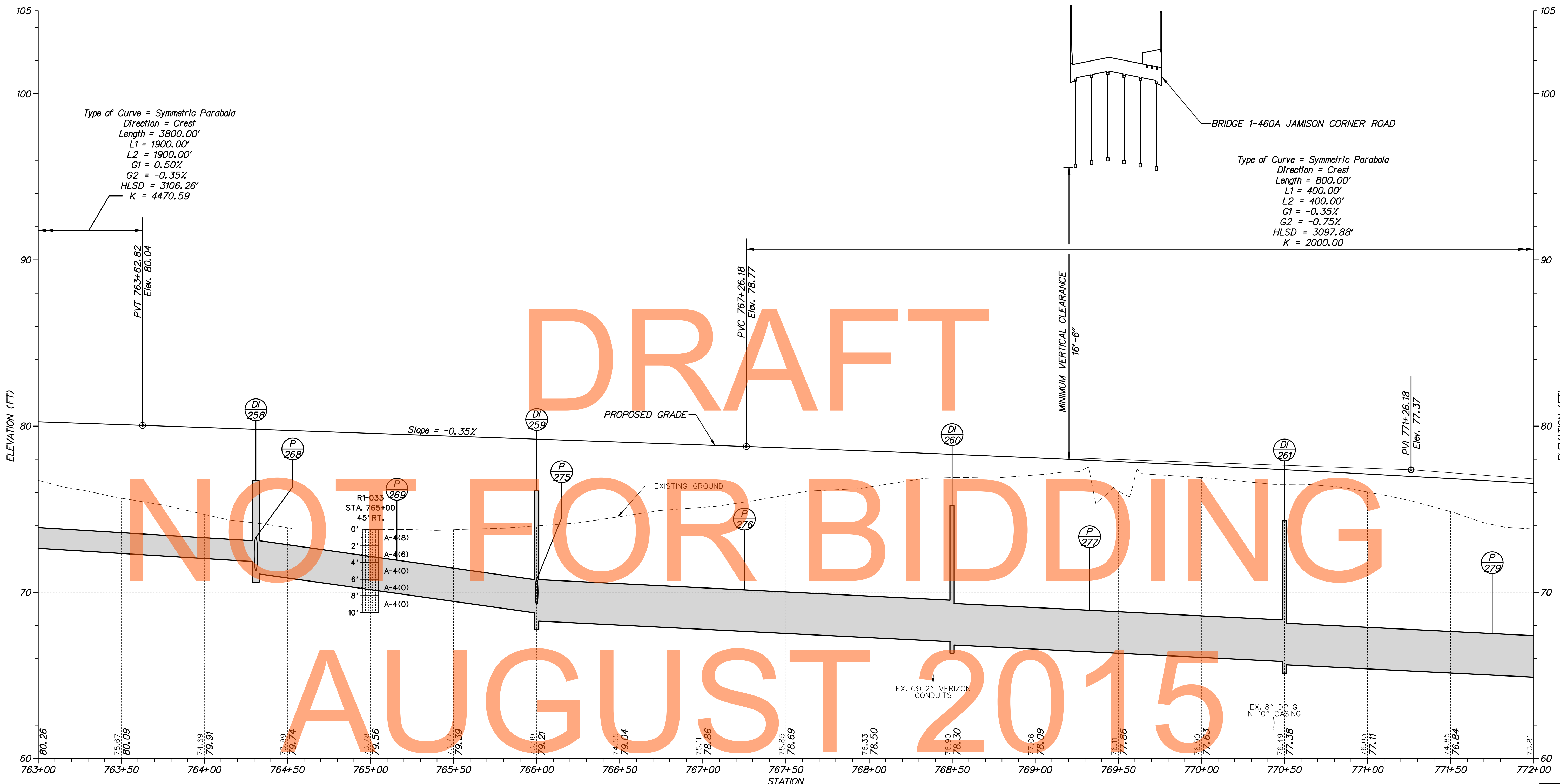
CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES



PF-10
SHEET NO. 121
TOTAL SHTS. 875

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 11/29/2012 2:26:25 PM



Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 3800.00'
 L1 = 1900.00'
 L2 = 1900.00'
 G1 = 0.50%
 G2 = -0.35%
 HLSD = 3106.26'
 K = 4470.59

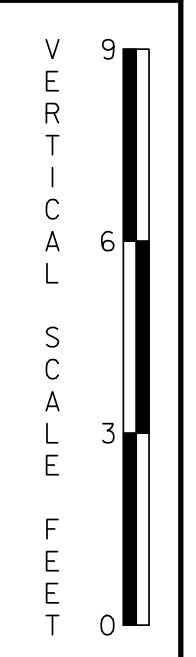
Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 800.00'
 L1 = 400.00'
 L2 = 400.00'
 G1 = -0.35%
 G2 = -0.75%
 HLSD = 3097.88'
 K = 2000.00

DRAFT

NOT FOR BIDDING

AUGUST 2015

US 301 - MAINLINE

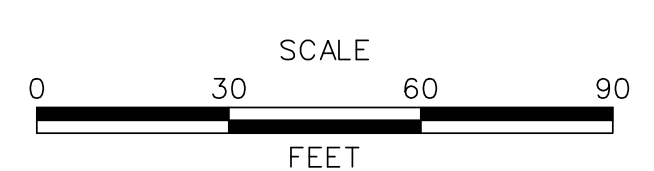


NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.

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 11/23/2014 10:24:44 PM



ADDENDUMS / REVISIONS	



US 301,
 SR 896 TO SR 1

CONTRACT	BRIDGE NO.	1-8
T200911308	DESIGNED BY:	SJB
COUNTY	CHECKED BY:	TAO
NEW CASTLE		

PROFILES

SHEET NO.	122
TOTAL SHTS.	875

PF-11

DRAFT

NOT FOR BIDDING

AUGUST 2015

Type of Curve = Symmetric Parabola
Direction = Crest
Length = 800.00'
L1 = 400.00'
L2 = 400.00'
G1 = -0.35%
G2 = -0.75%
HLSD = 3097.88'
K = 2000.00

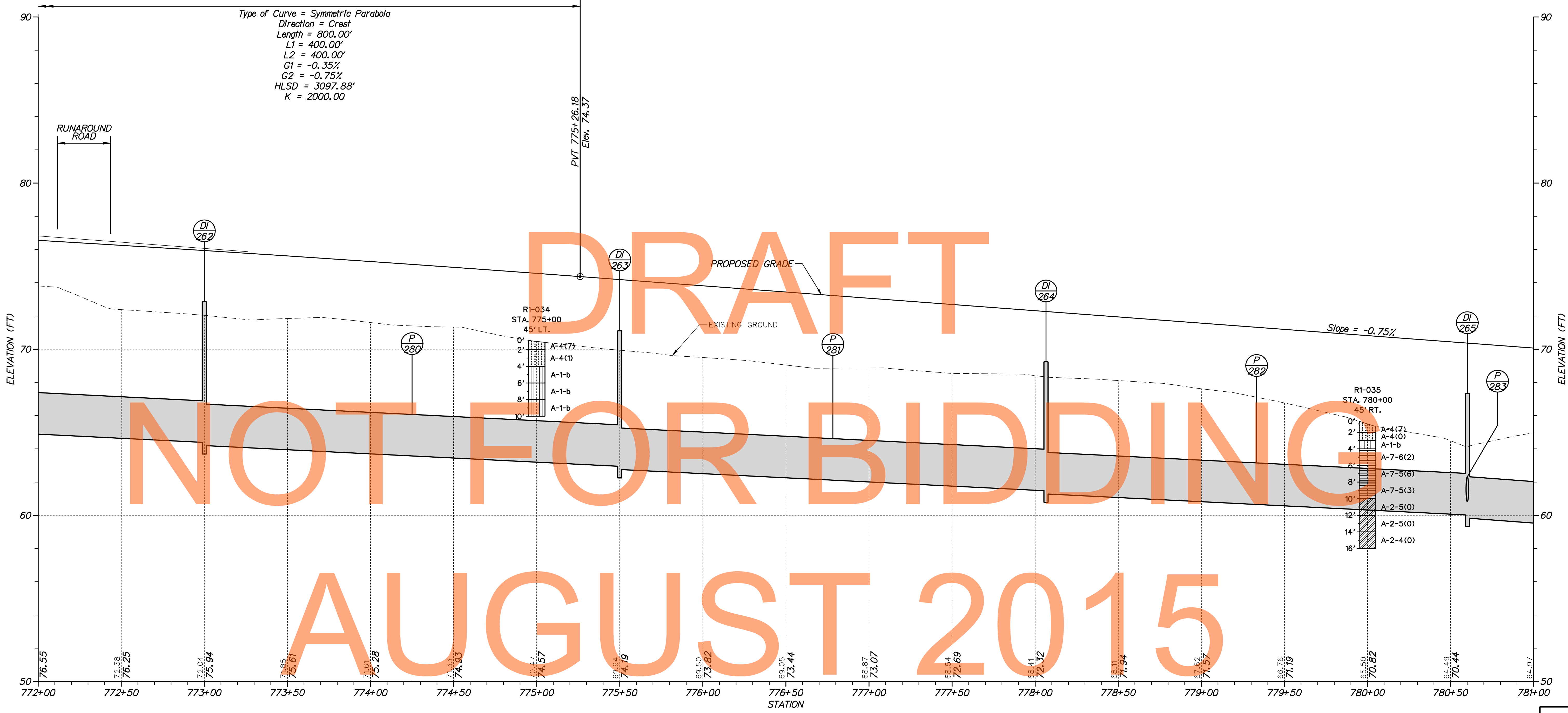
RUNAROUND ROAD

PVI 775+26.18
Elev. 74.37

R1-034
STA. 775+00
45' LT.

R1-035
STA. 780+00
45' RT.

Slope = -0.75%

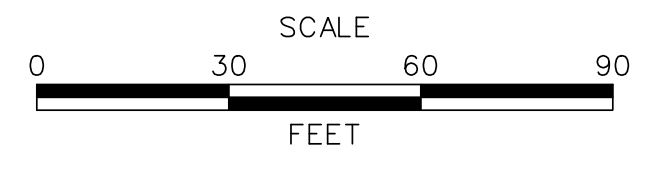


US 301 - MAINLINE

NOTE:
BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT
CORRESPOND TO BORING DATA PROVIDED HEREIN.



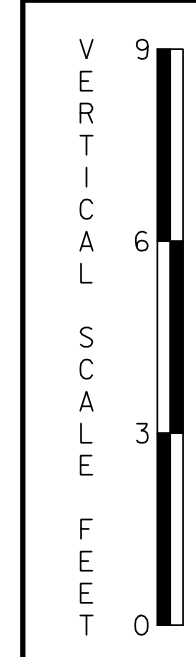
ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

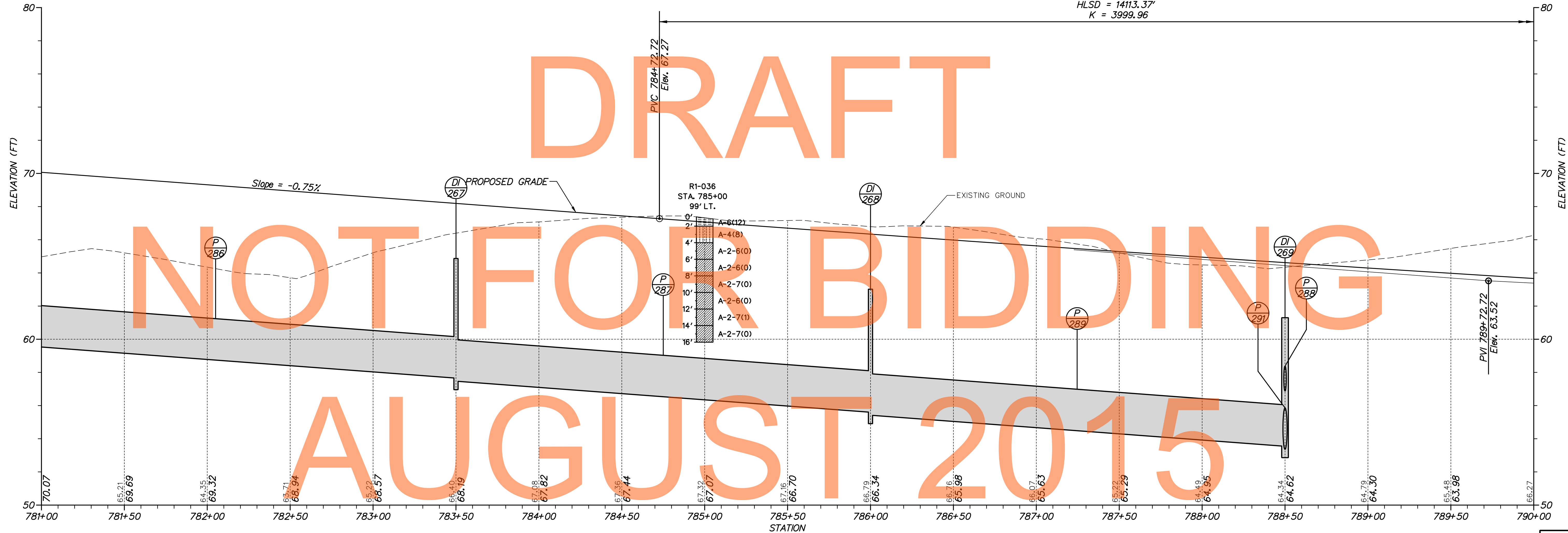
PROFILES



PF-12
SHEET NO. 123
TOTAL SHTS. 875

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20/08/2012 2:42:29 PM

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 1000.00'
 L1 = 500.00'
 L2 = 500.00'
 G1 = -0.75%
 G2 = -0.50%
 HLSD = 14113.37'
 K = 3999.96



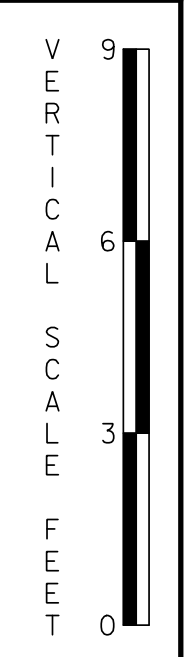
DRAFT

NOT FOR BIDDING

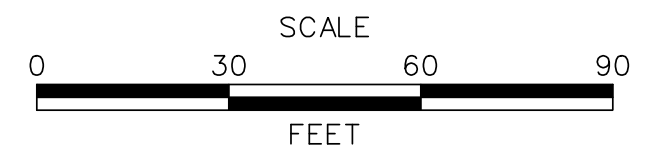
AUGUST 2015

US 301 - MAINLINE

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



ADDENDUMS / REVISIONS



US 301, SR 896 TO SR 1

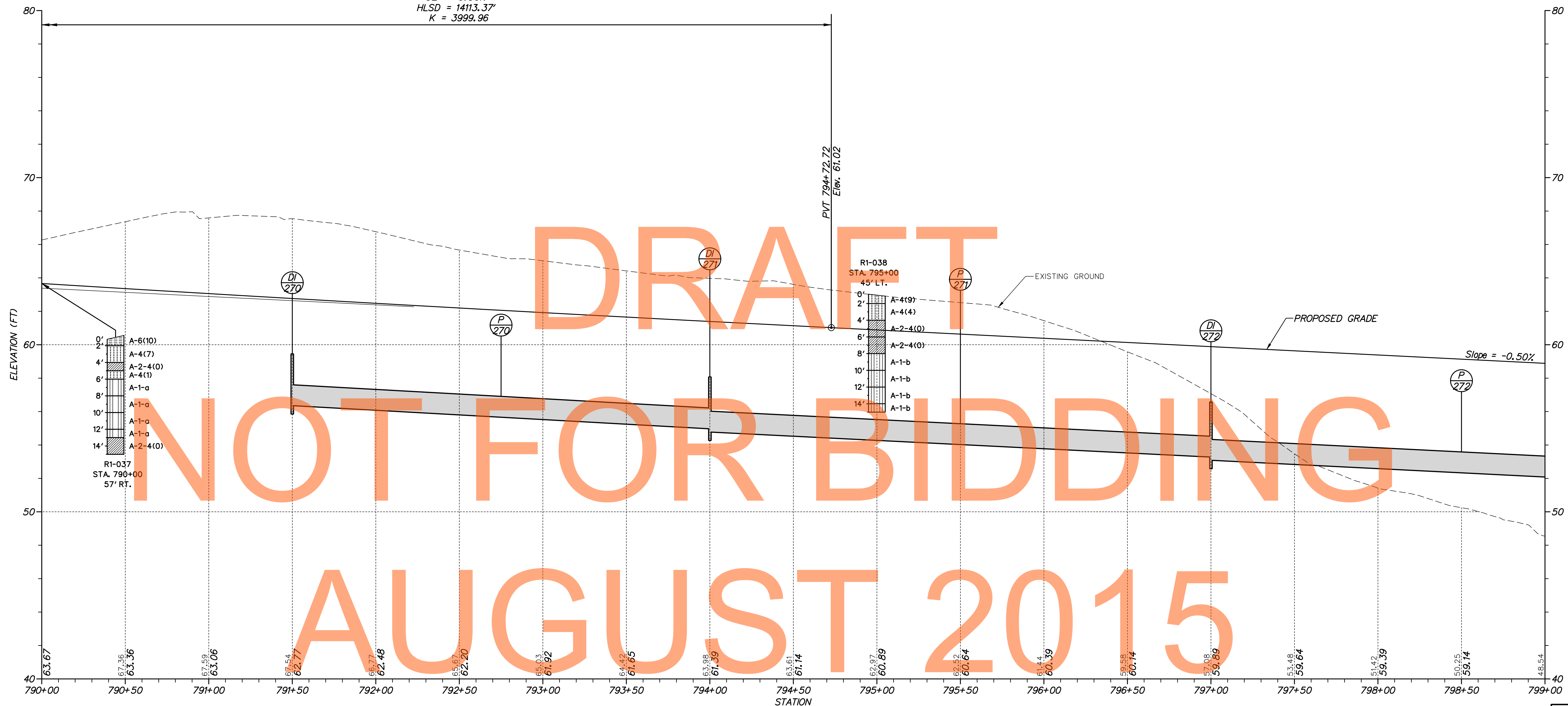
CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

PF-13
SHEET NO. 124
TOTAL SHTS. 875

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 07/30/2012 2:45:52 PM

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 1000.00'
 L1 = 500.00'
 L2 = 500.00'
 G1 = -0.75%
 G2 = -0.50%
 HLSD = 14113.37'
 K = 3999.96



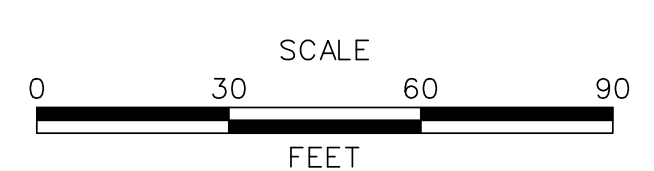
DRAFT
NOT FOR BIDDING
AUGUST 2015

US 301 - MAINLINE

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



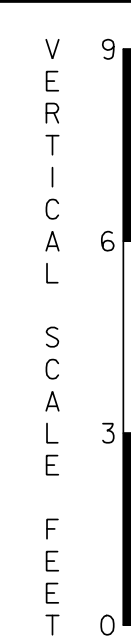
ADDENDUMS / REVISIONS



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

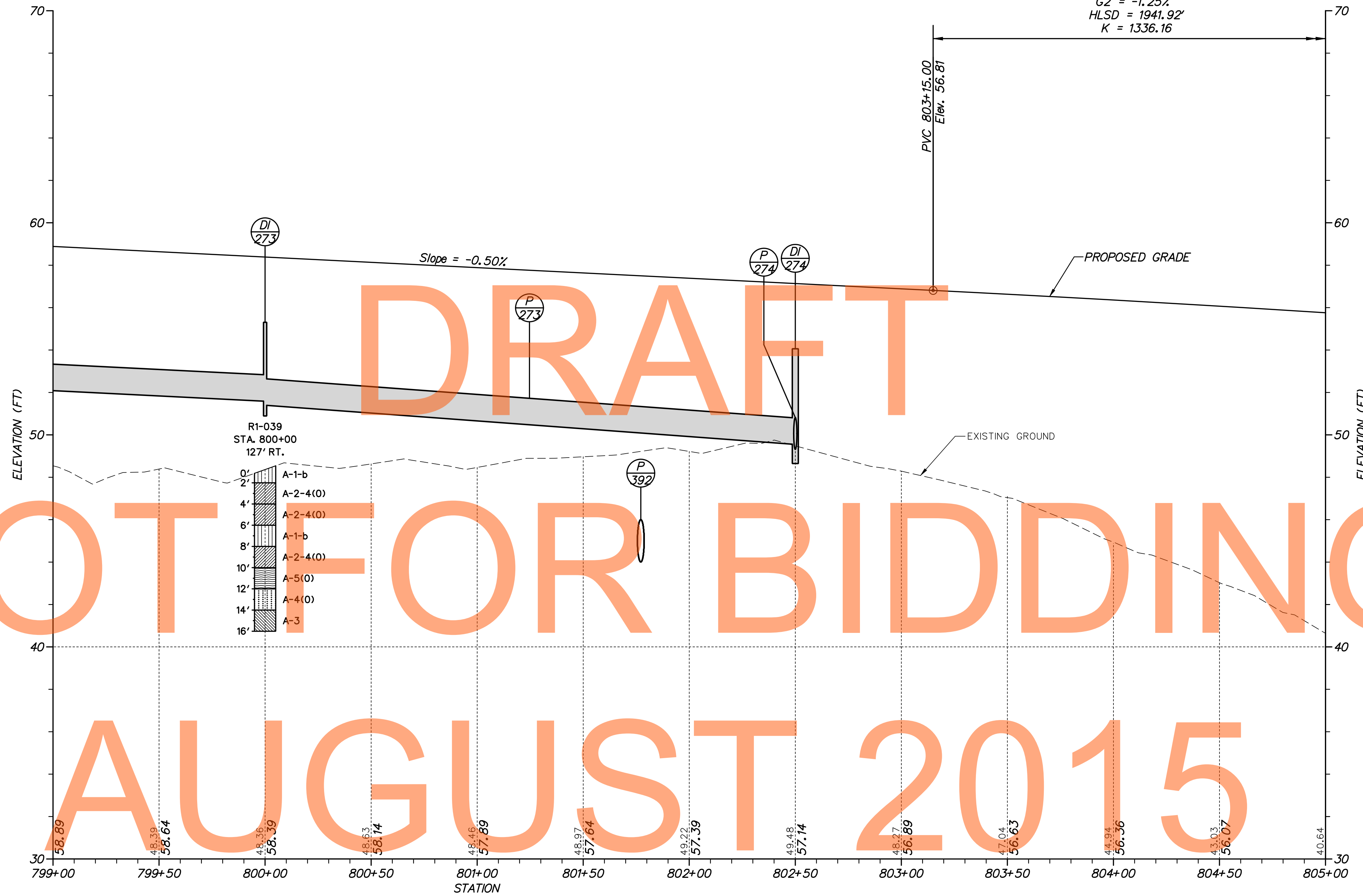
PROFILES



PF-14
SHEET NO. 125
TOTAL SHTS. 875

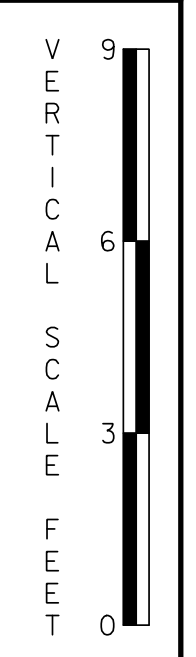
D:\31653-000\contingent\1a\cadd\PF014U301_1A.dgn 20/08/2012 2:45:53 PM

Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 1000.00'
 L1 = 500.00'
 L2 = 500.00'
 G1 = -0.50%
 G2 = -1.25%
 HLSD = 1941.92'
 K = 1336.16



DRAFT
NOT FOR BIDDING
AUGUST 2015

US 301 - MAINLINE

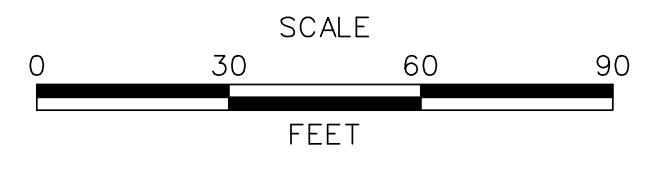


NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.

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 08/30/2012 2:15:39 PM



ADDENDUMS / REVISIONS	



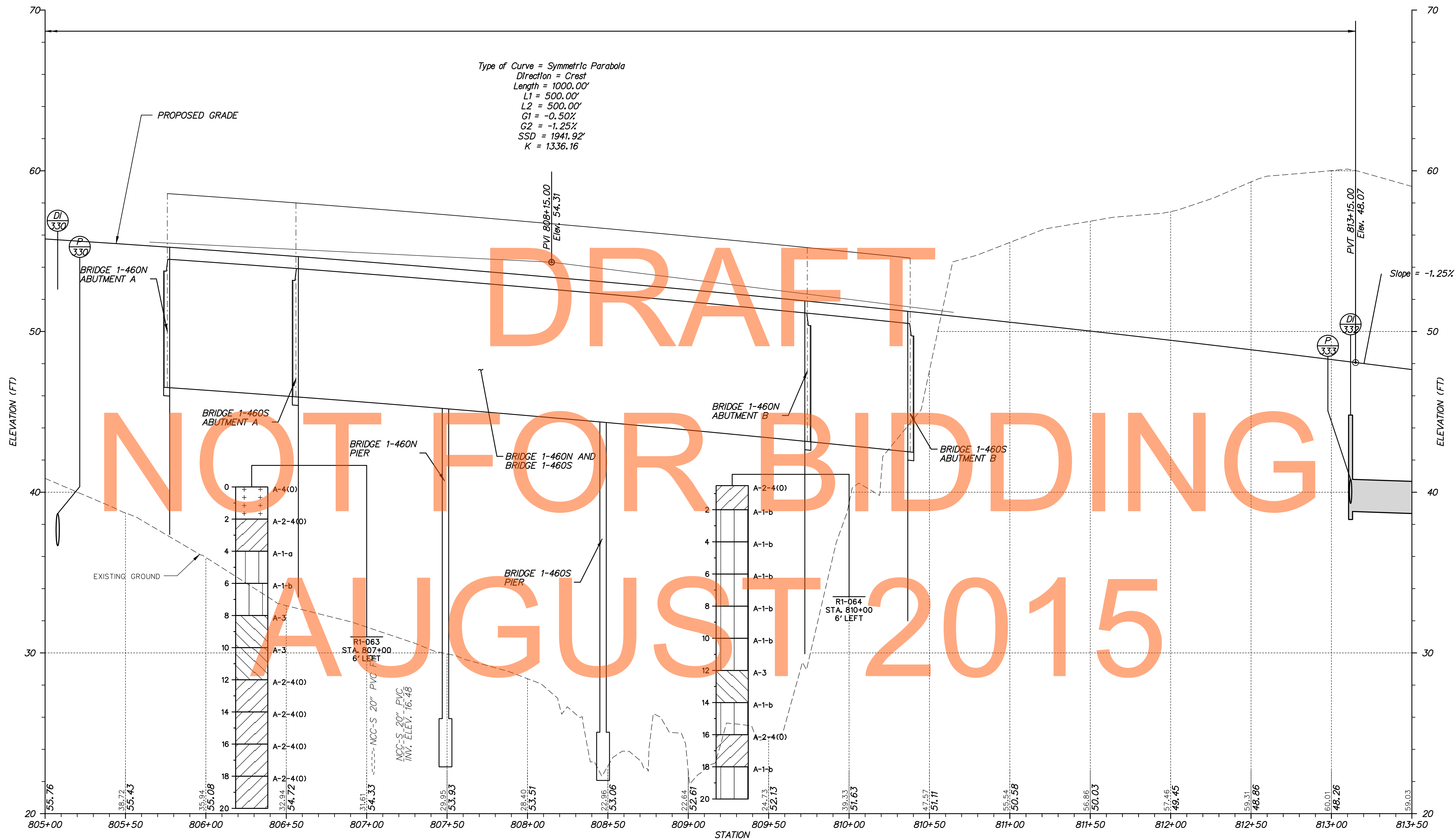
**US 301,
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: SJB
NEW CASTLE	CHECKED BY: TAO

PROFILES

PF-15	SHEET NO.
	126
	TOTAL SHTS.
	875

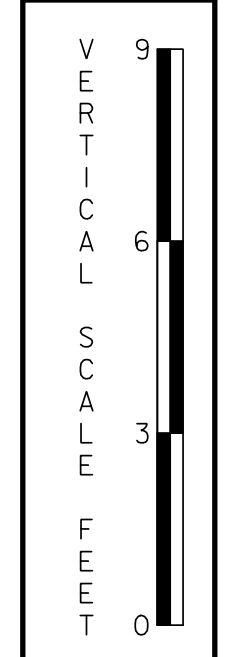
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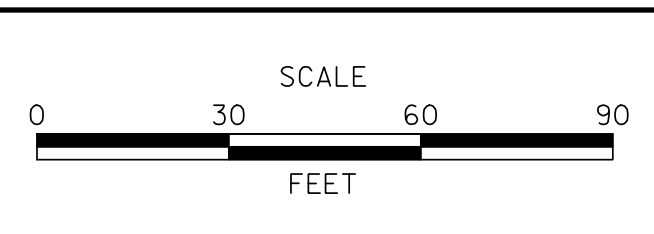
DRAFT
 NOT FOR BIDDING
 AUGUST 2015

US 301 - MAINLINE

NOTE:
 BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT
 CORRESPOND TO BORING DATA PROVIDED HEREIN.



ADDENDUMS / REVISIONS



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO. 1-7
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

PROFILES
SHEET NO. 127
TOTAL SHTS. 875

PF-16
 SHEET NO. 127
 TOTAL SHTS. 875

DRAFT

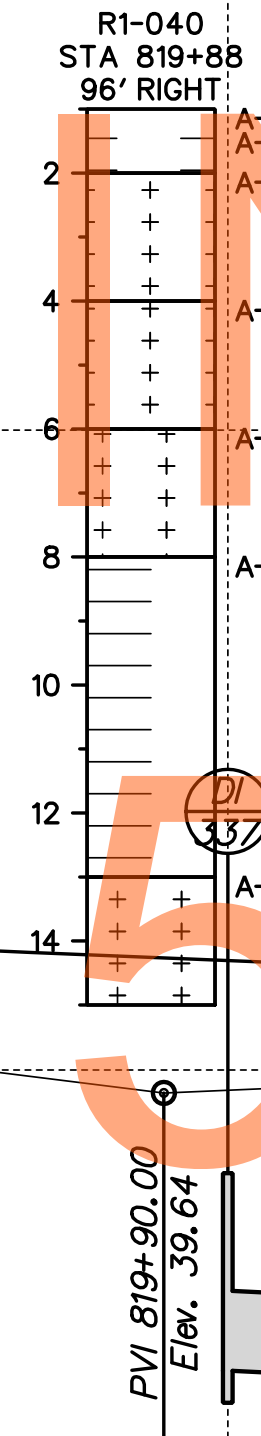
NOT FOR BIDDING

AUGUST 2015



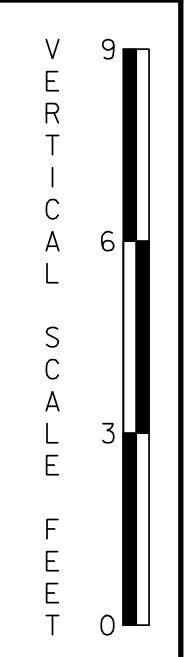
Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 1000.00'
 L1 = 500.00'
 L2 = 500.00'
 G1 = 1.25%
 G2 = 0.44%
 K = 593.54

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 1000.00'
 L1 = 500.00'
 L2 = 500.00'
 G1 = -1.25%
 G2 = 0.44%
 K = 593.54

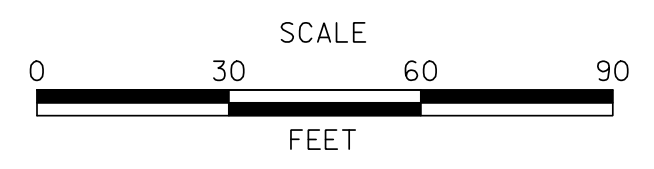


US 301 - MAINLINE

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



ADDENDUMS / REVISIONS



US 301,
SR 896 TO SR 1

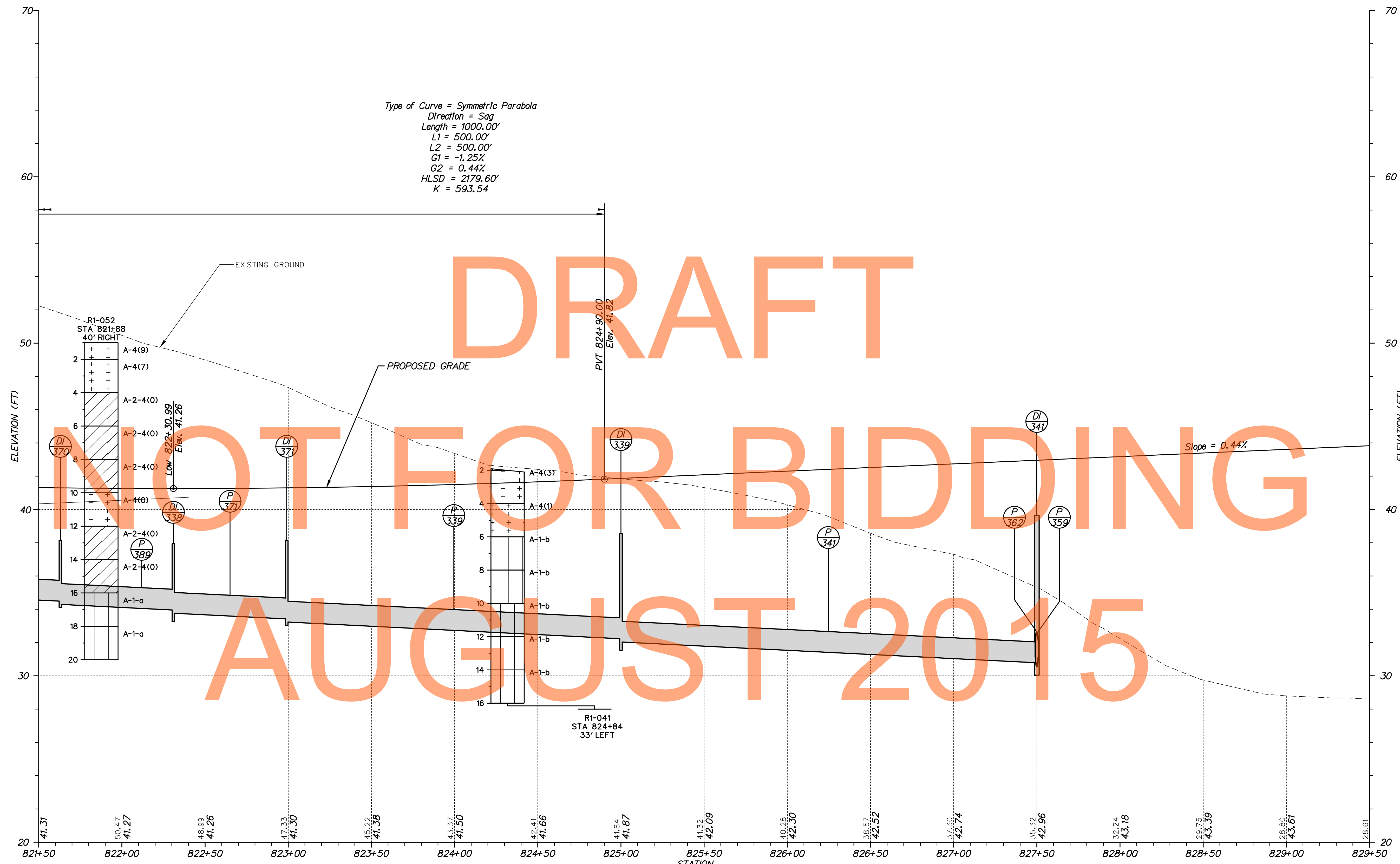
CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

PROFILES

SHEET NO. 128
TOTAL SHTS. 875

n:\31653-000\contract\1a\cadd\PF017U301-1A.dgn
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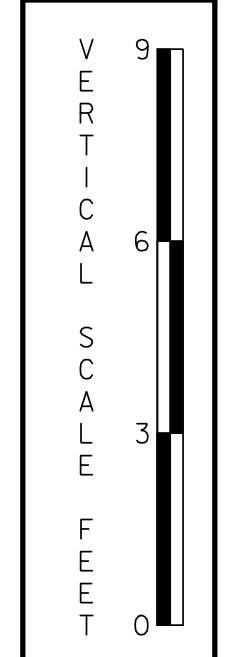
Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 1000.00'
 L1 = 500.00'
 L2 = 500.00'
 G1 = -1.25%
 G2 = 0.44%
 HLSD = 2179.60'
 K = 593.54



DRAFT
NOT FOR BIDDING
AUGUST 2015

US 301 - MAINLINE

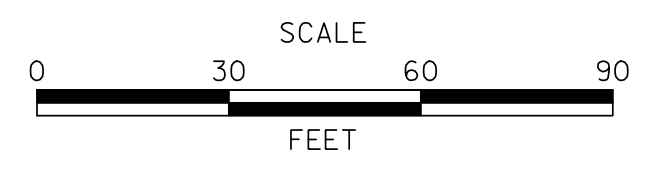
NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



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ADDENDUMS / REVISIONS	



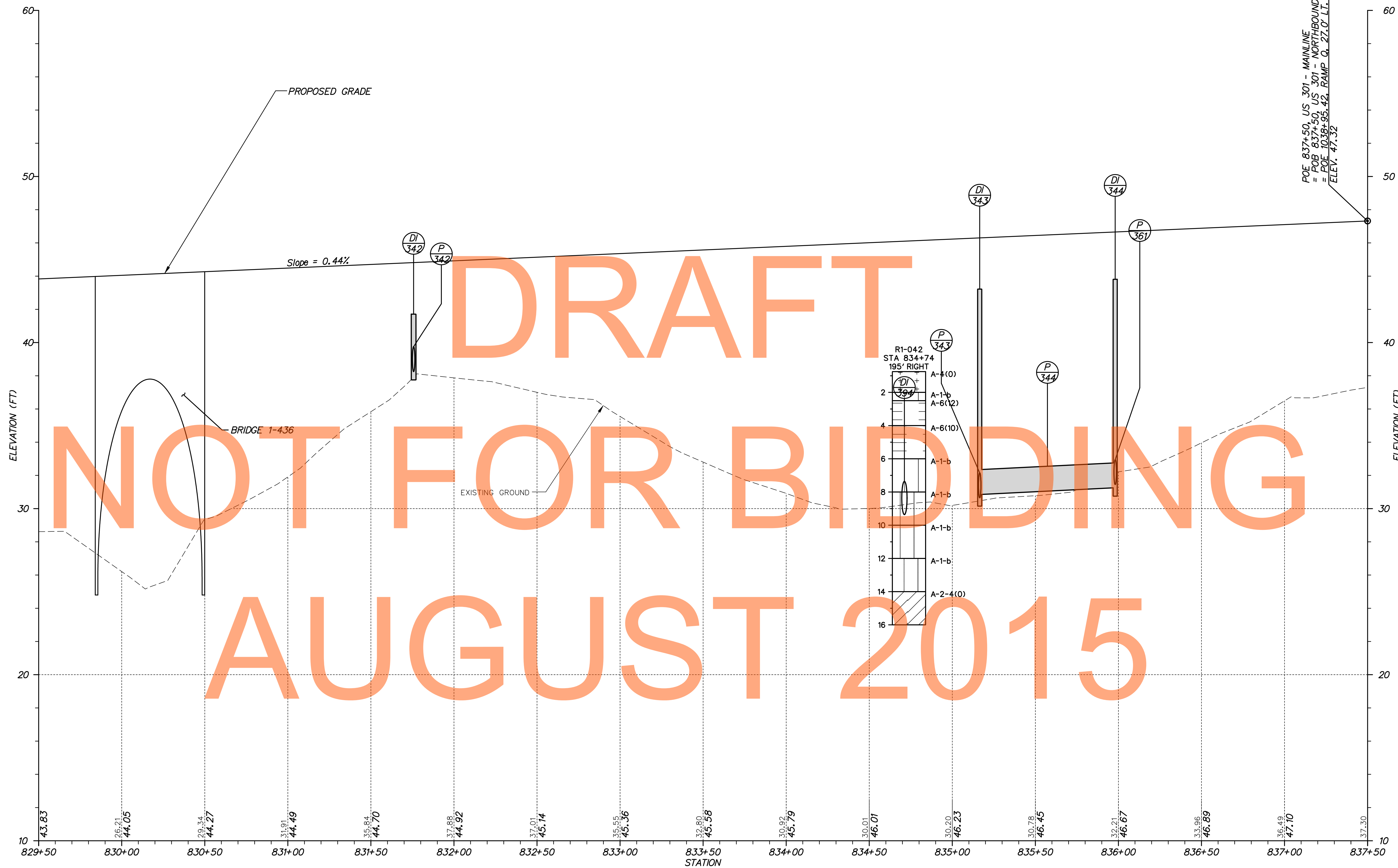
US 301,
 SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

PROFILES

SHEET NO. 129
TOTAL SHTS. 875

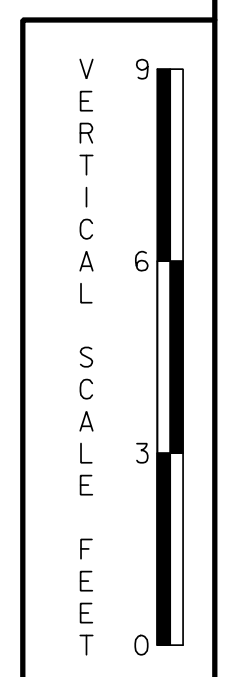
PF-18



DRAFT
NOT FOR BIDDING
AUGUST 2015

POB 837+50, US 301 - MAINLINE
= POB 837+50, US 301 - NORTHBOUND, 27.0' RT.
= POB 838+95.42, RAMP Q, 27.0' LT.
ELEV. 47.52

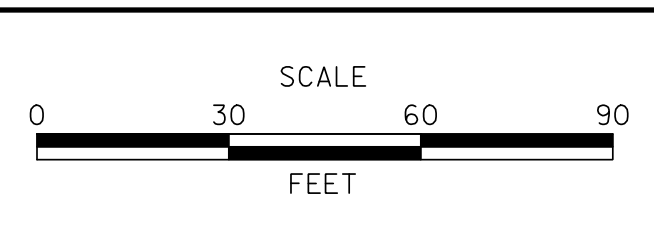
NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



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ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO. 1-4
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

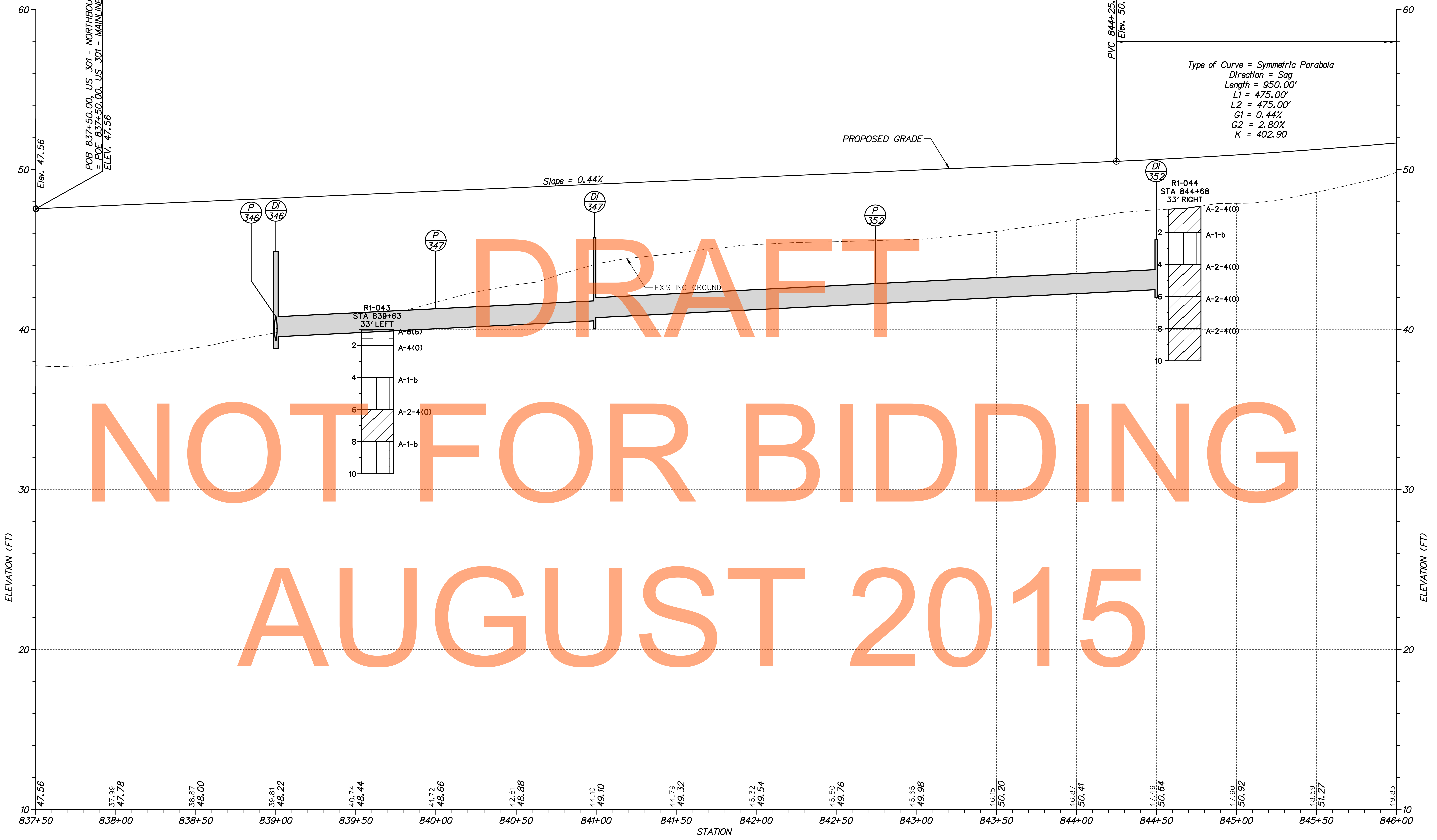
PROFILES

SHEET NO. 130
TOTAL SHTS. 875

POB 837+50.00, US 301 - NORTHBOUND
 = PDE 837+50.00, US 301 - MAINLINE - 27.0' RT.
 ELEV. 47.56

PVC 844+25.00
 Elev. 50.52

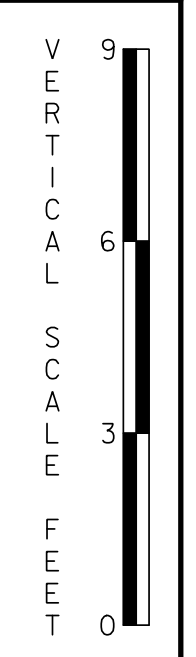
Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 950.00'
 L1 = 475.00'
 L2 = 475.00'
 G1 = 0.44%
 G2 = 2.80%
 K = 402.90



DRAFT
 NOT FOR BIDDING
 AUGUST 2015

US 301 - NORTHBOUND

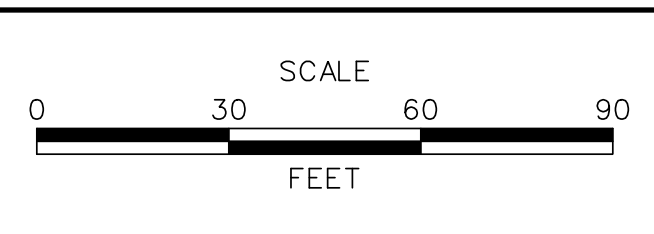
NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



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ADDENDUMS / REVISIONS	



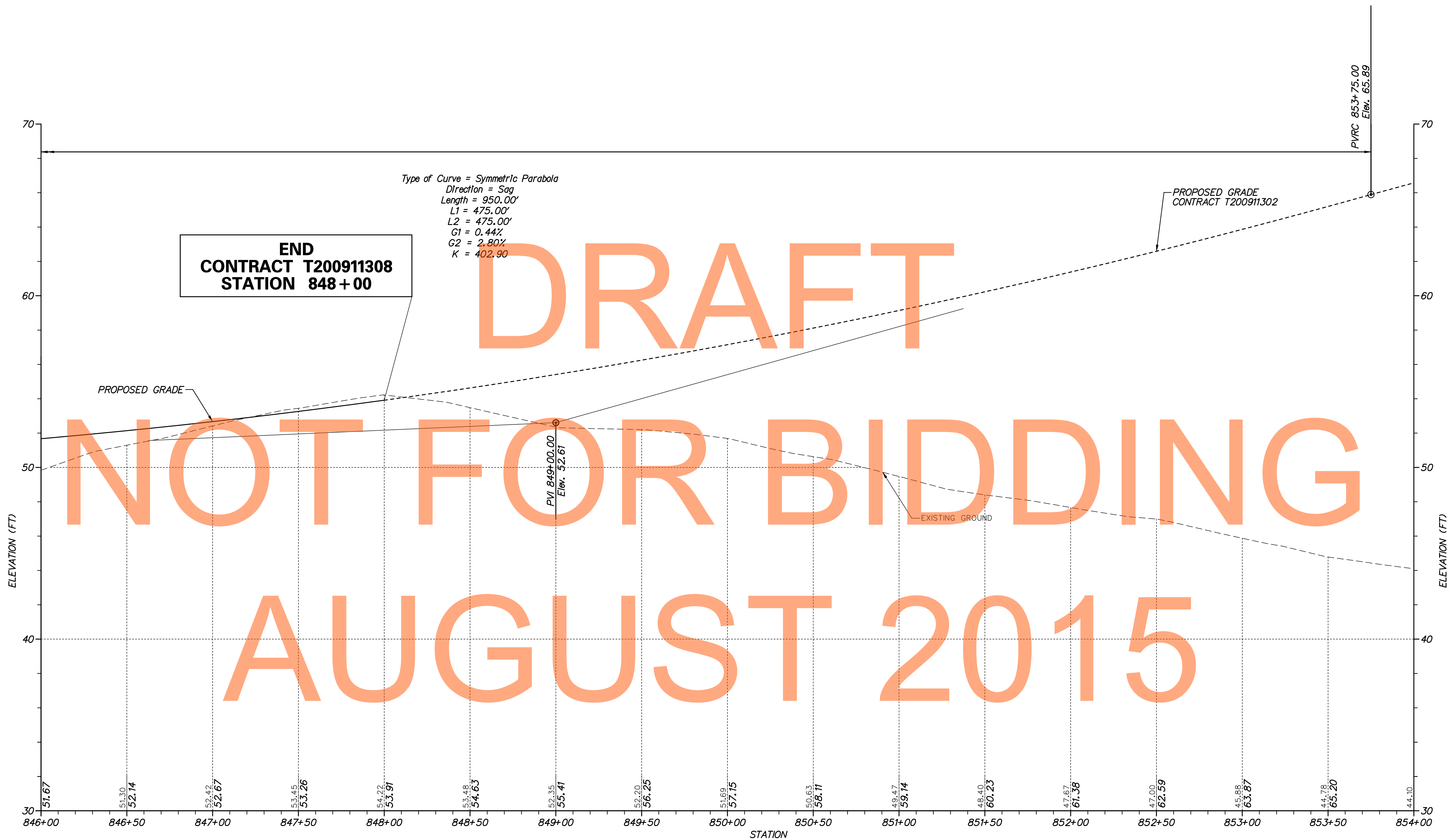
**US 301,
 SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

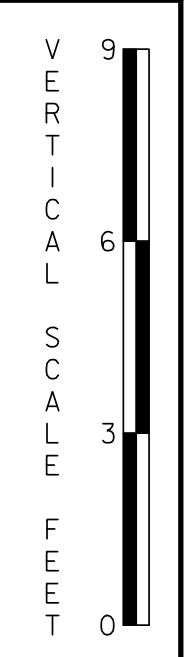
PROFILES	SHEET NO. 131
	TOTAL SHTS. 875

PF-20

DRAFT
NOT FOR BIDDING
AUGUST 2015



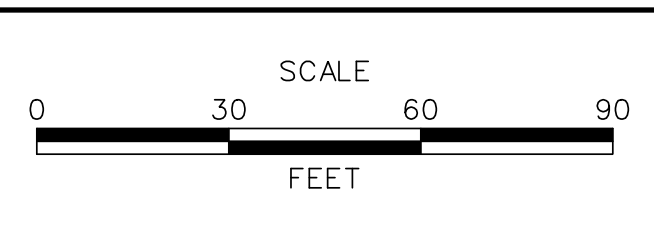
US 301 - NORTHBOUND



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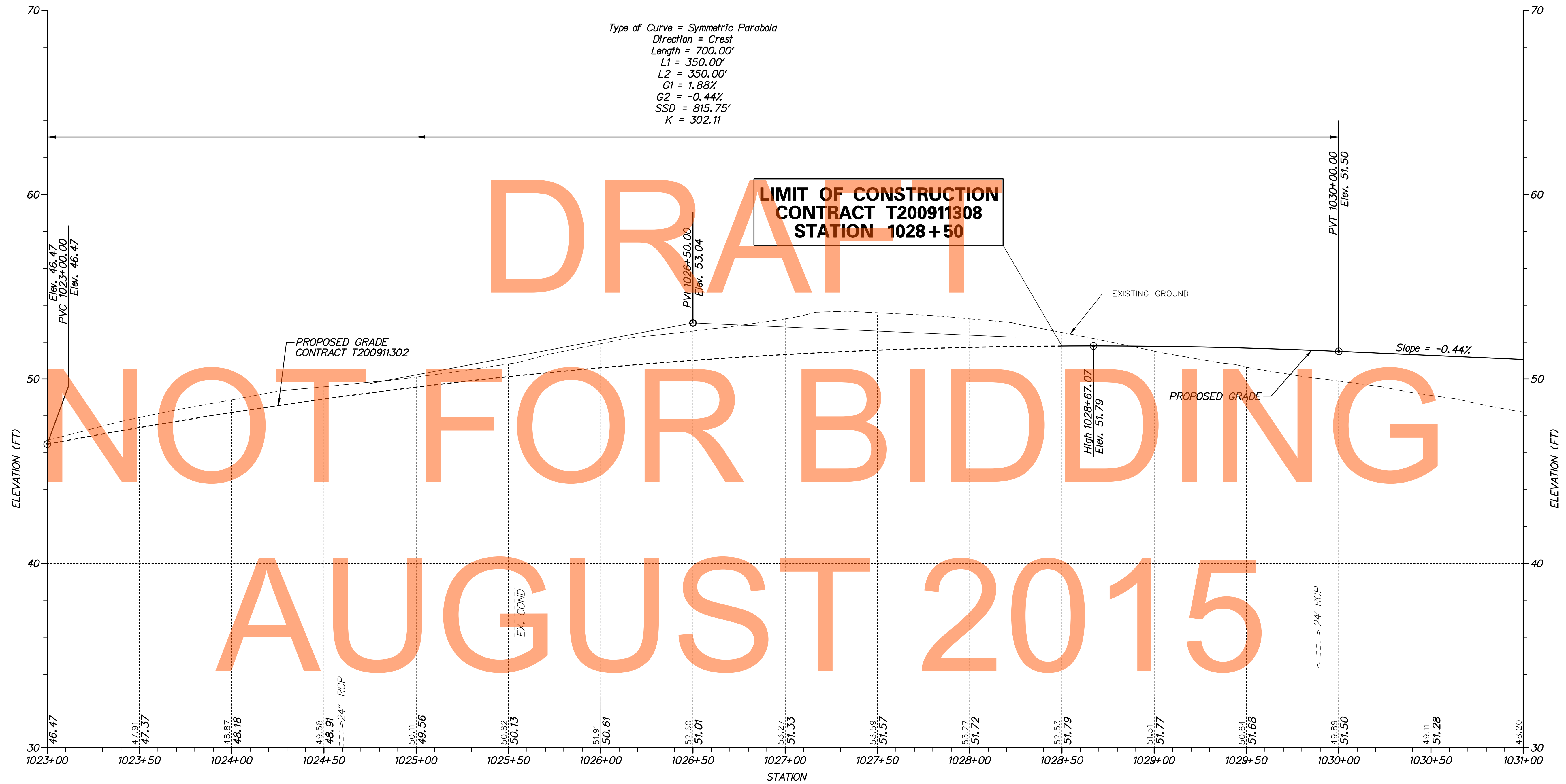
ADDENDUMS / REVISIONS	



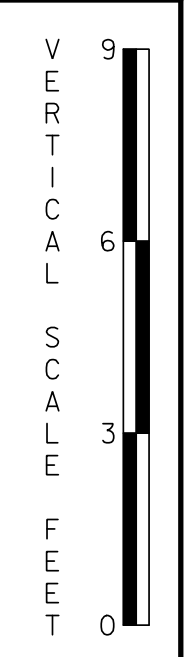
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

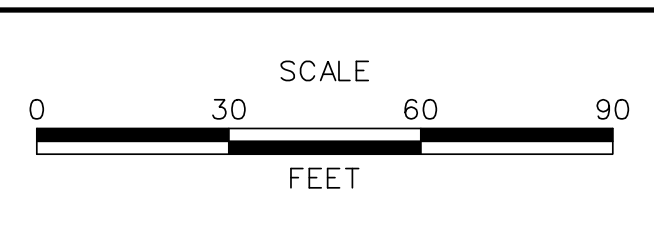
PROFILES	SHEET NO. 132
	TOTAL SHTS. 875



DRAFT
 NOT FOR BIDDING
 AUGUST 2015



ADDENDUMS / REVISIONS	



**US 301,
 SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

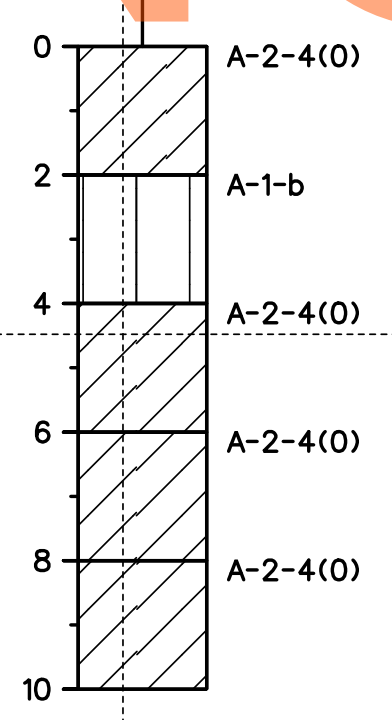
PROFILES	SHEET NO. 133
	TOTAL SHTS. 875

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DRAFT

NOT FOR BIDDING

AUGUST 2015



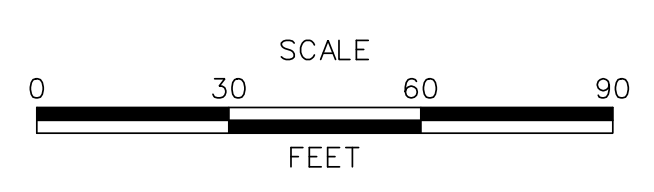
RAMP Q

NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.

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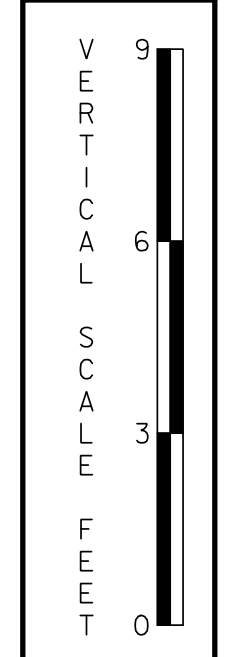
ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

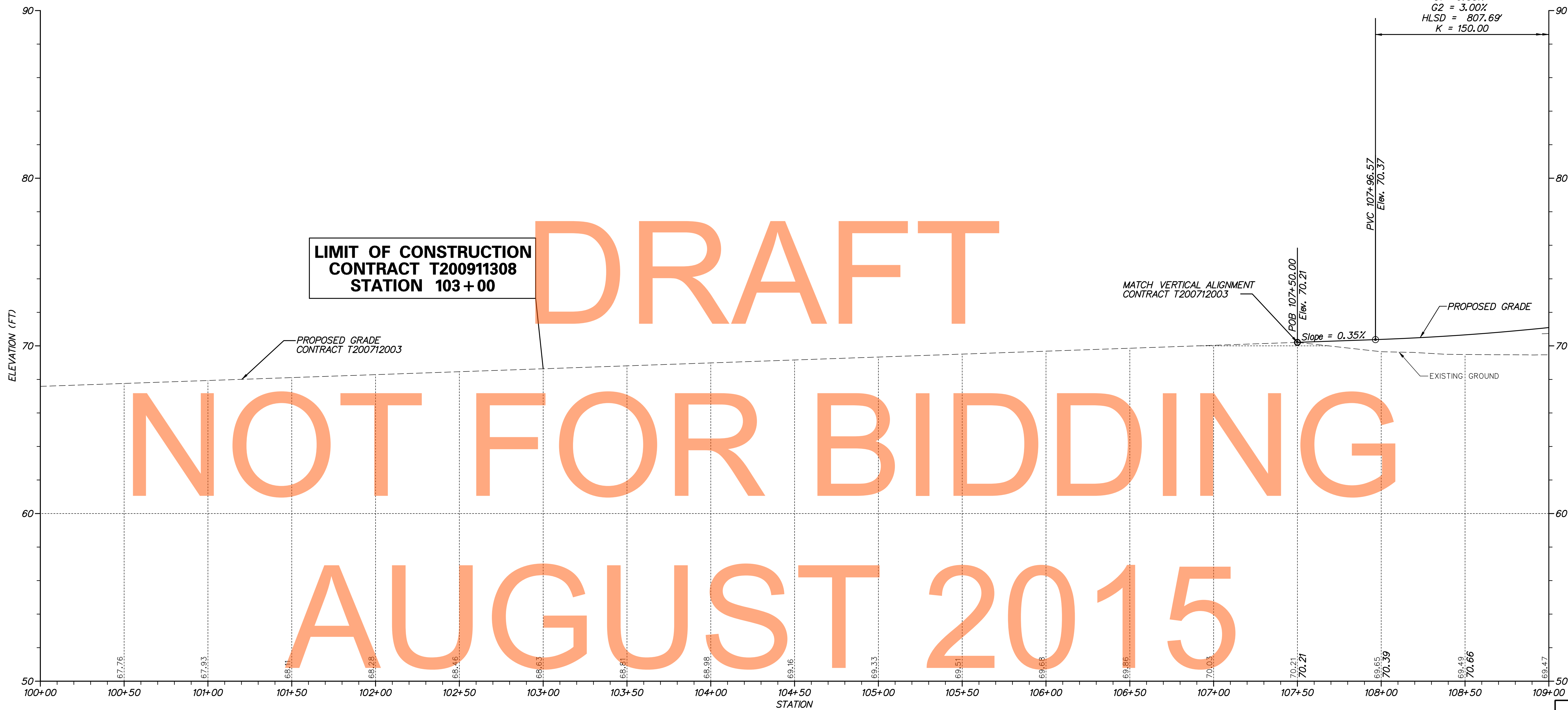
CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES



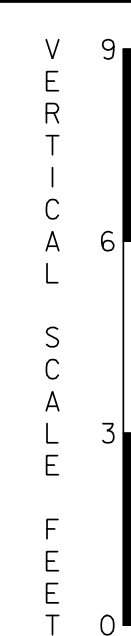
PF-23
SHEET NO. 134
TOTAL SHTS. 875

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 397.41'
 L1 = 198.71'
 L2 = 198.71'
 G1 = 0.35%
 G2 = 3.00%
 HLSD = 807.69'
 K = 150.00



DRAFT
NOT FOR BIDDING
AUGUST 2015

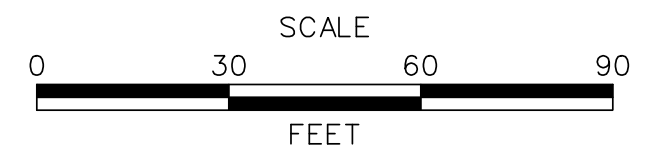
JAMISON CORNER ROAD



PF-24



ADDENDUMS / REVISIONS	



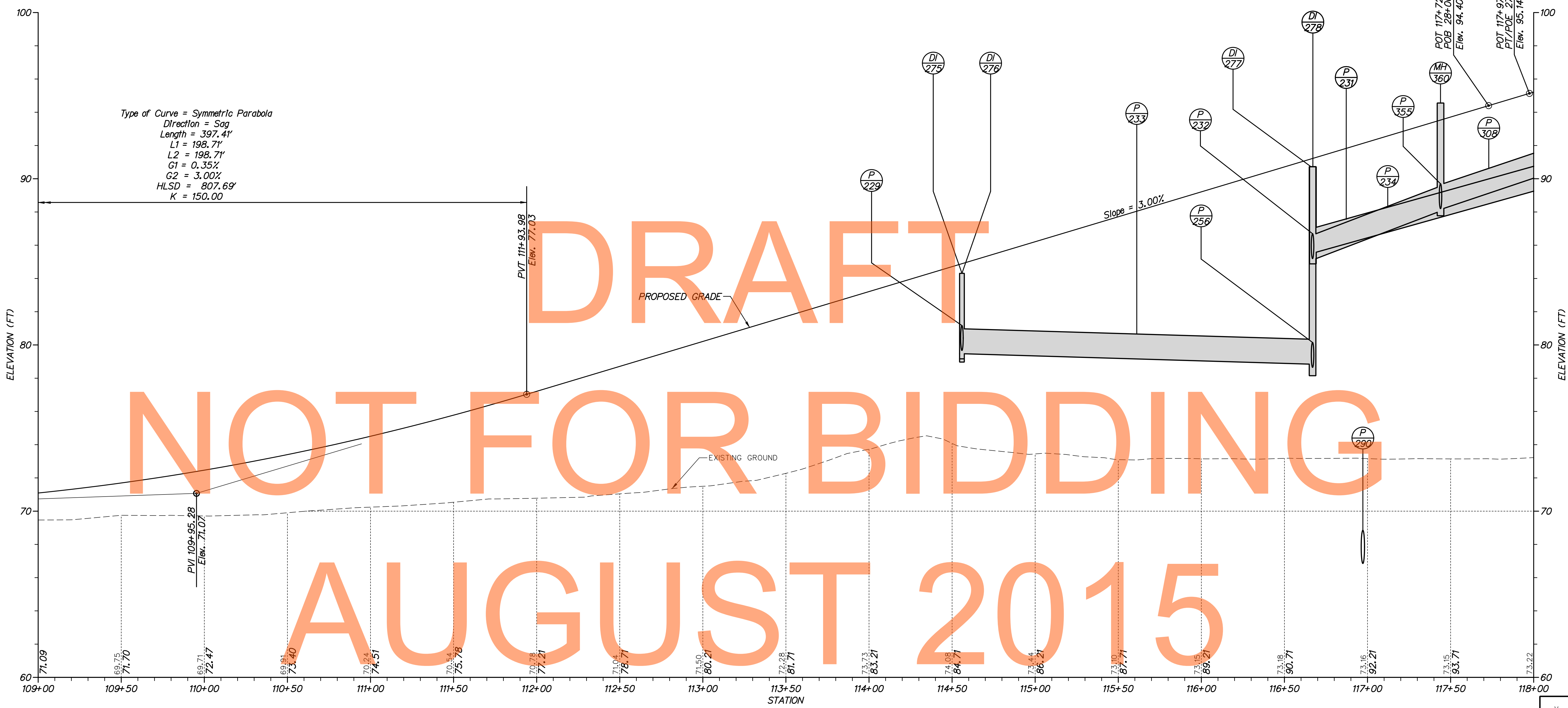
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

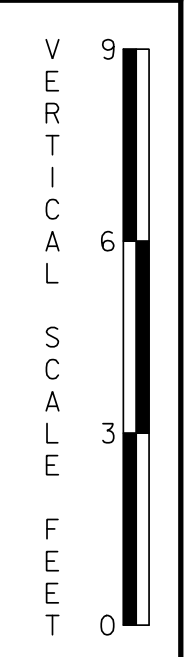
PROFILES

SHEET NO.	135
TOTAL SHTS.	875

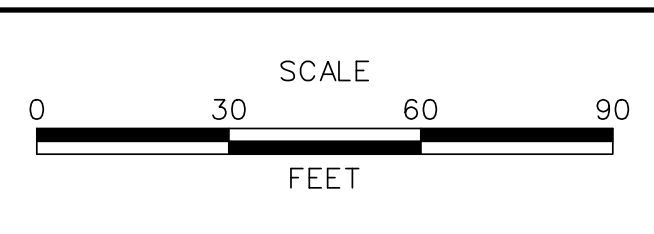
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JAMISON CORNER ROAD



ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

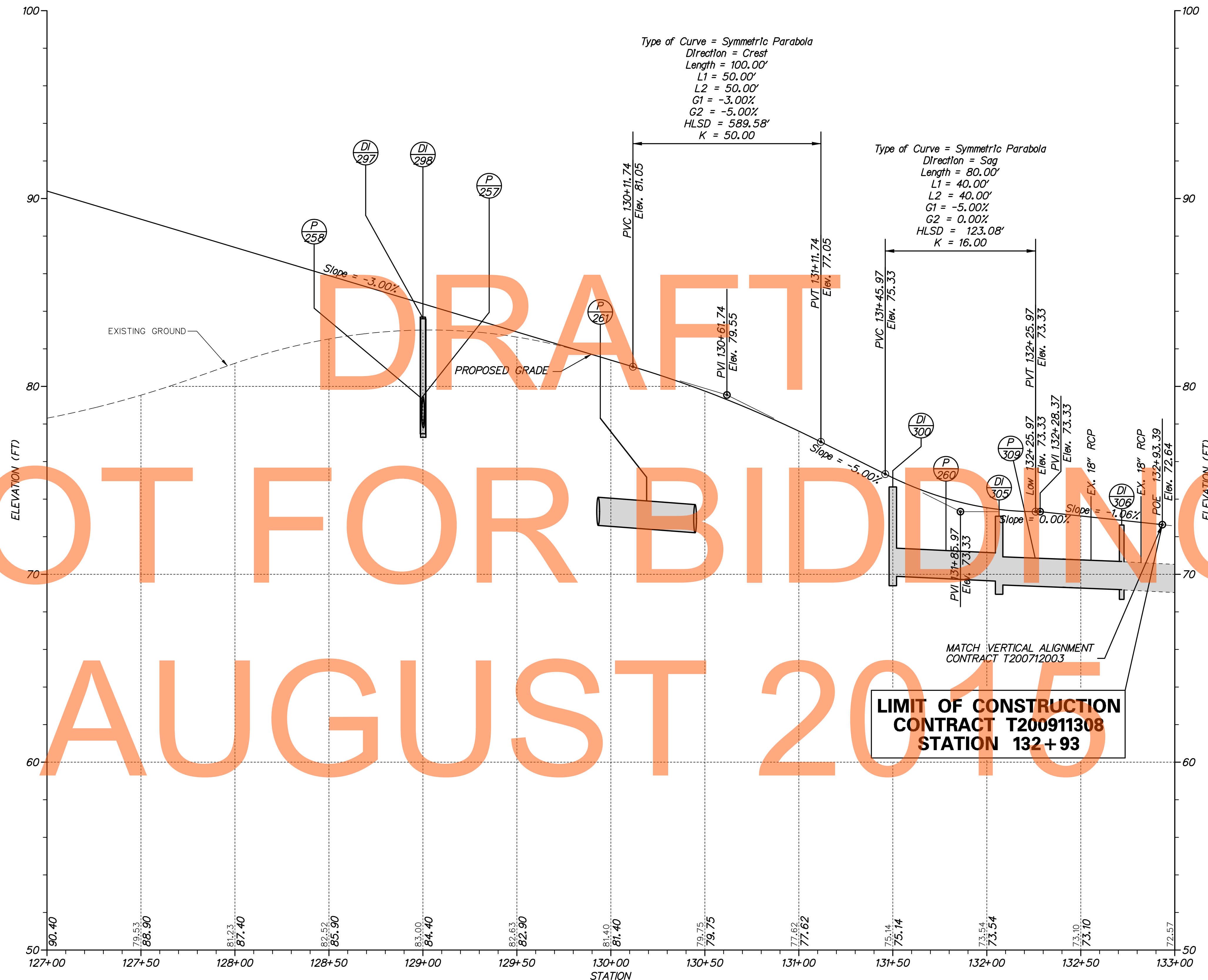
SHEET NO. 136
TOTAL SHTS. 875

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DRAFT

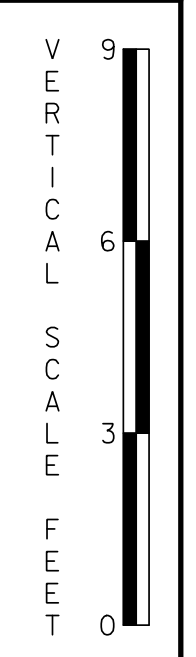
NOT FOR BIDDING

AUGUST 2015



LIMIT OF CONSTRUCTION
CONTRACT T200911308
STATION 132+93

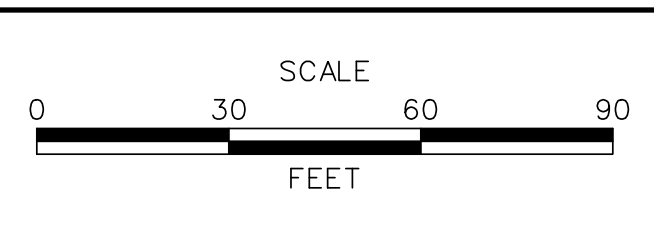
JAMISON CORNER ROAD



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ADDENDUMS / REVISIONS	



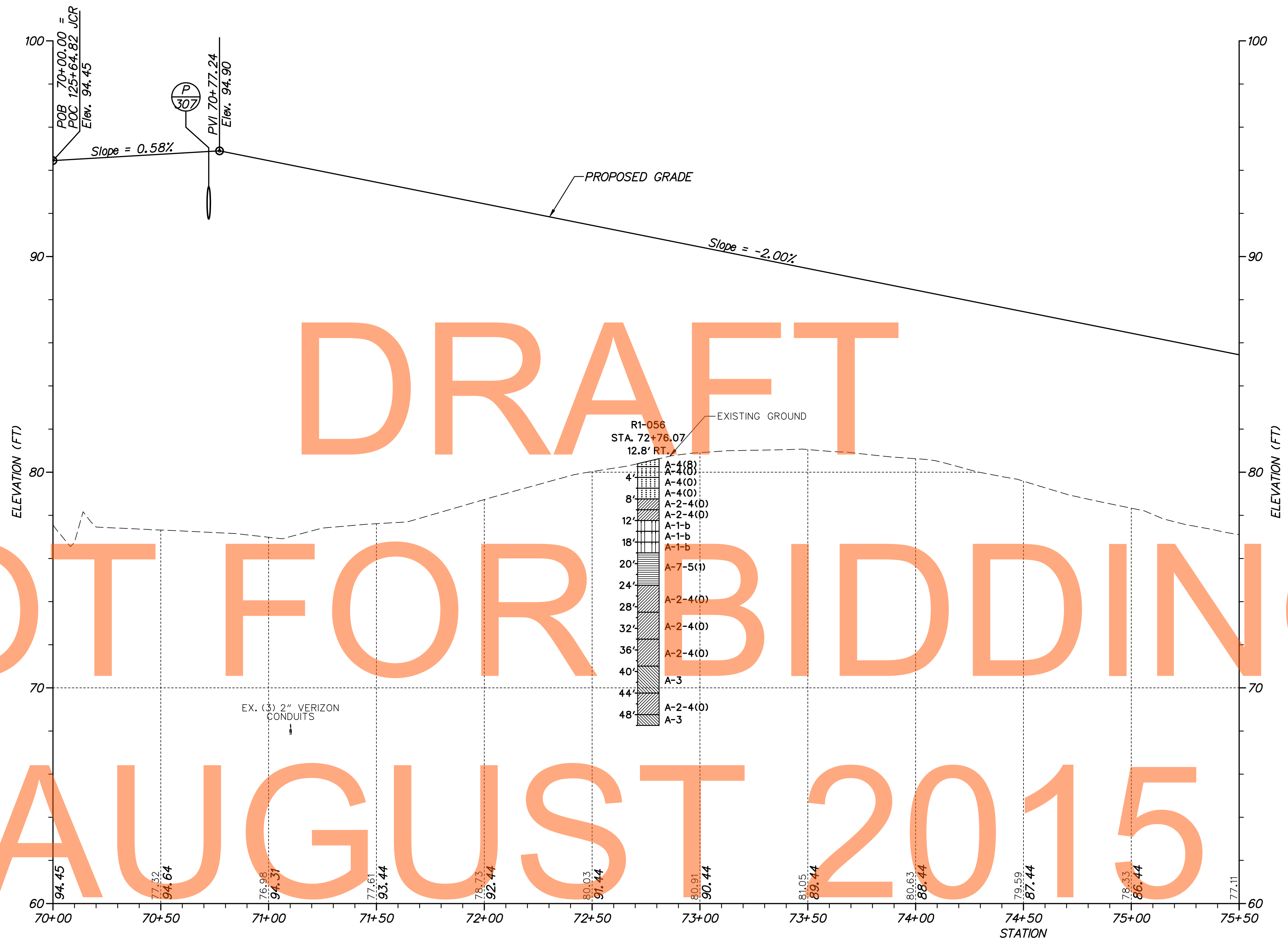
**US 301,
 SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

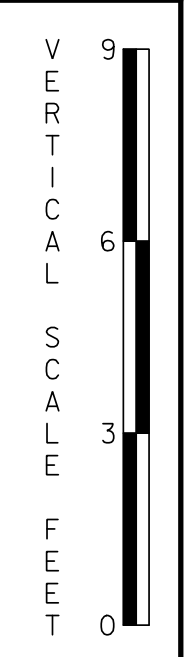
PROFILES

SHEET NO. 138
TOTAL SHTS. 875

DRAFT
NOT FOR BIDDING
AUGUST 2015



RAMP O

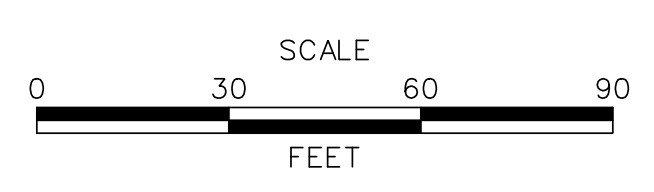


PF-28

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ADDENDUMS / REVISIONS	



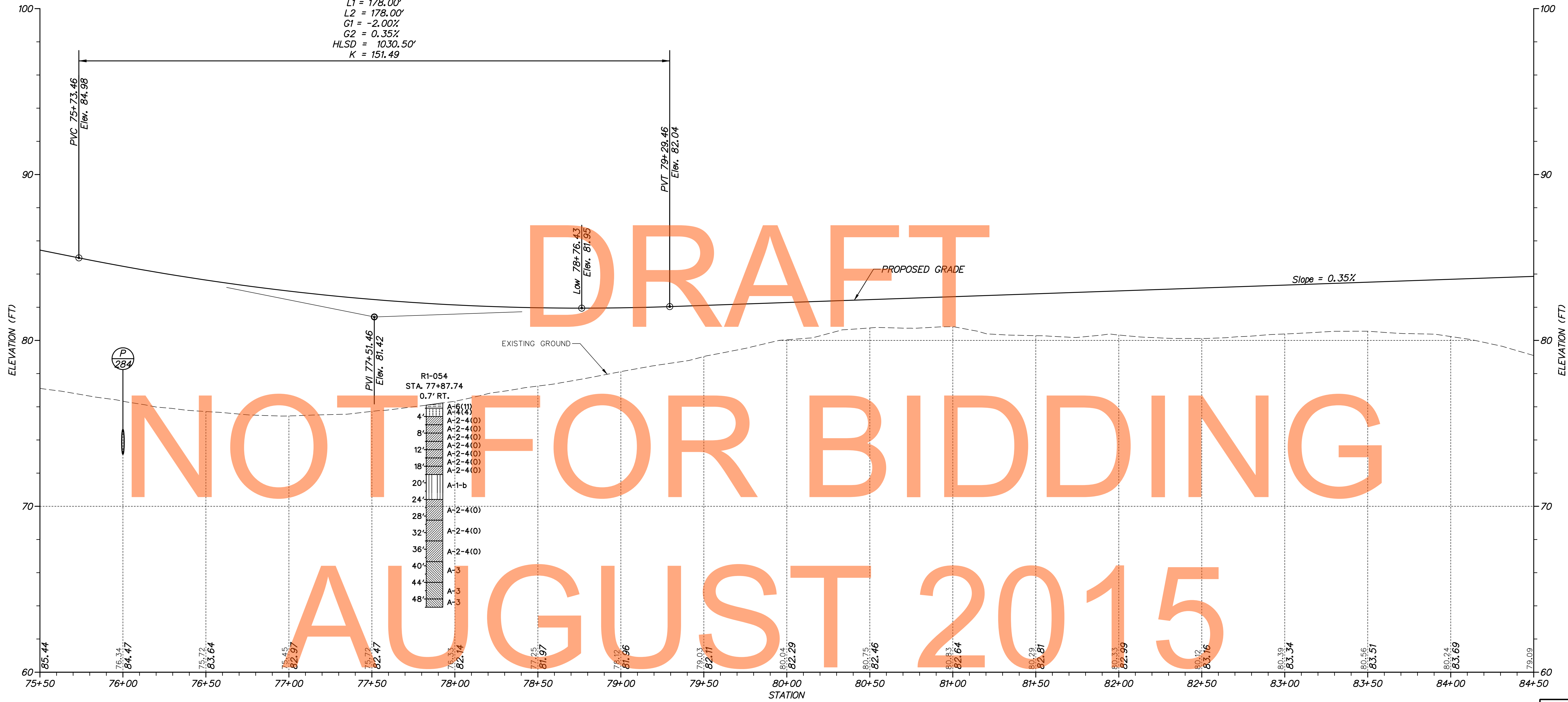
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

SHEET NO. 139
TOTAL SHTS. 875

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 356.00'
 L1 = 178.00'
 L2 = 178.00'
 G1 = -2.00%
 G2 = 0.35%
 HLSD = 1030.50'
 K = 151.49



DRAFT

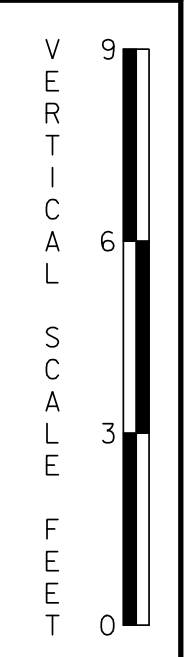
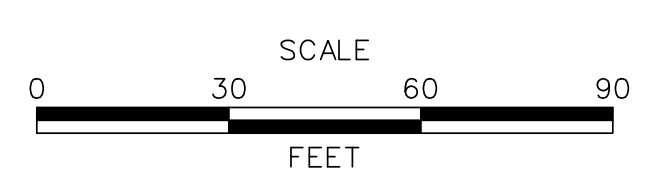
NOT FOR BIDDING

AUGUST 2015

R1-054
 STA. 77+87.74
 0.7' RT.

4"	A-2-4(O)
8"	A-2-4(O)
12"	A-2-4(O)
16"	A-2-4(O)
20"	A-2-4(O)
24"	A-1-b
28"	A-2-4(O)
32"	A-2-4(O)
36"	A-2-4(O)
40"	A-3
44"	A-3
48"	A-3

RAMP 0



ADDENDUMS / REVISIONS	

US 301,
 SR 896 TO SR 1

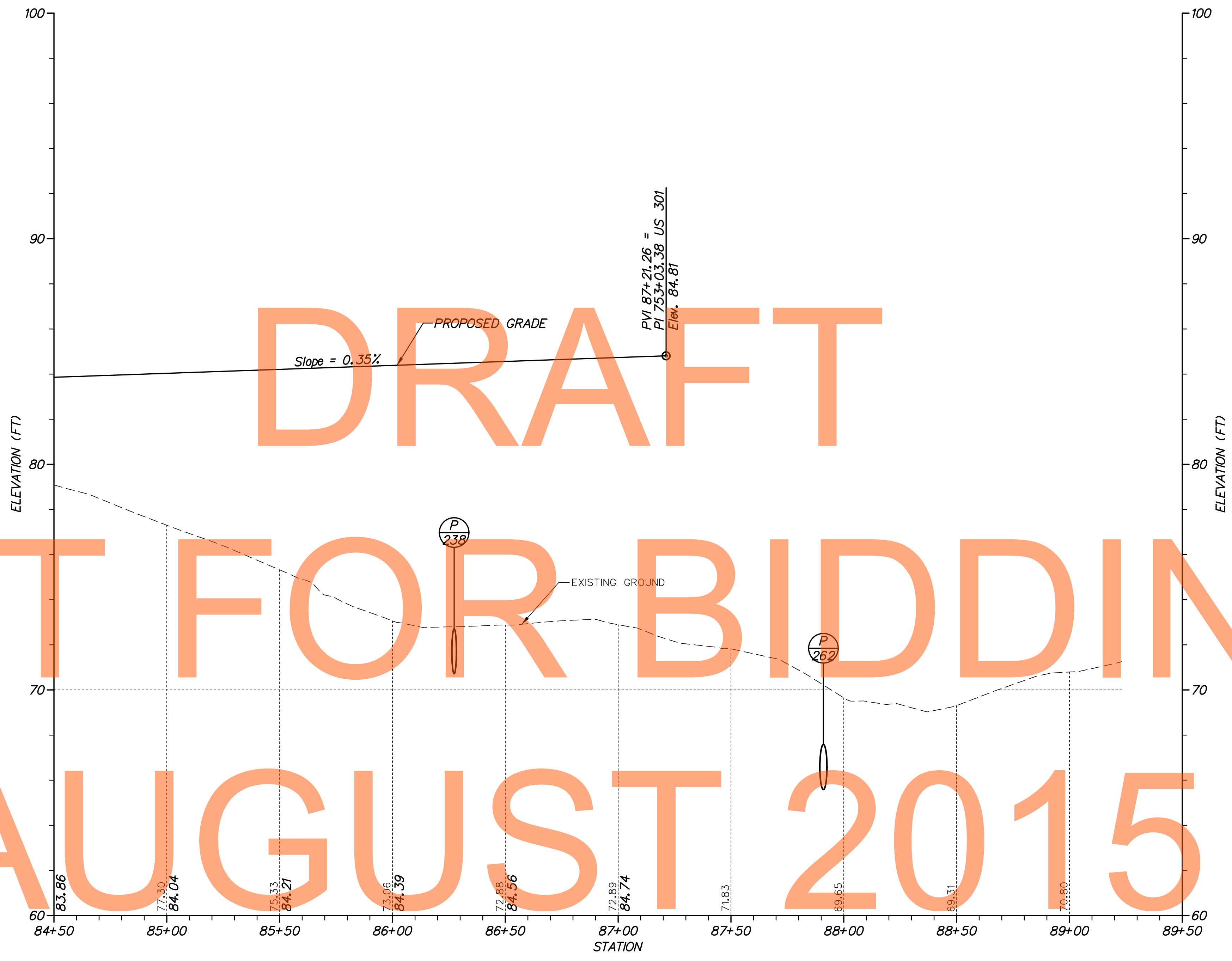
CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

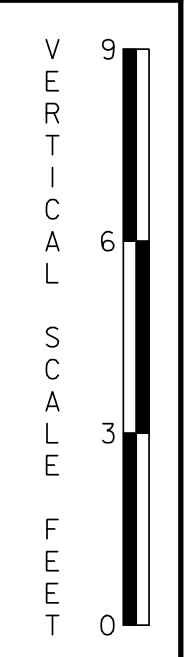
PF-29
SHEET NO. 140
TOTAL SHTS. 875

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DRAFT
NOT FOR BIDDING
AUGUST 2015



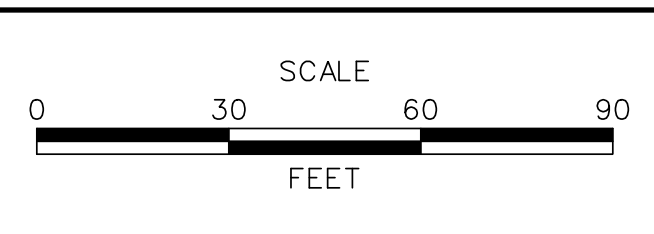
RAMP O



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ADDENDUMS / REVISIONS	

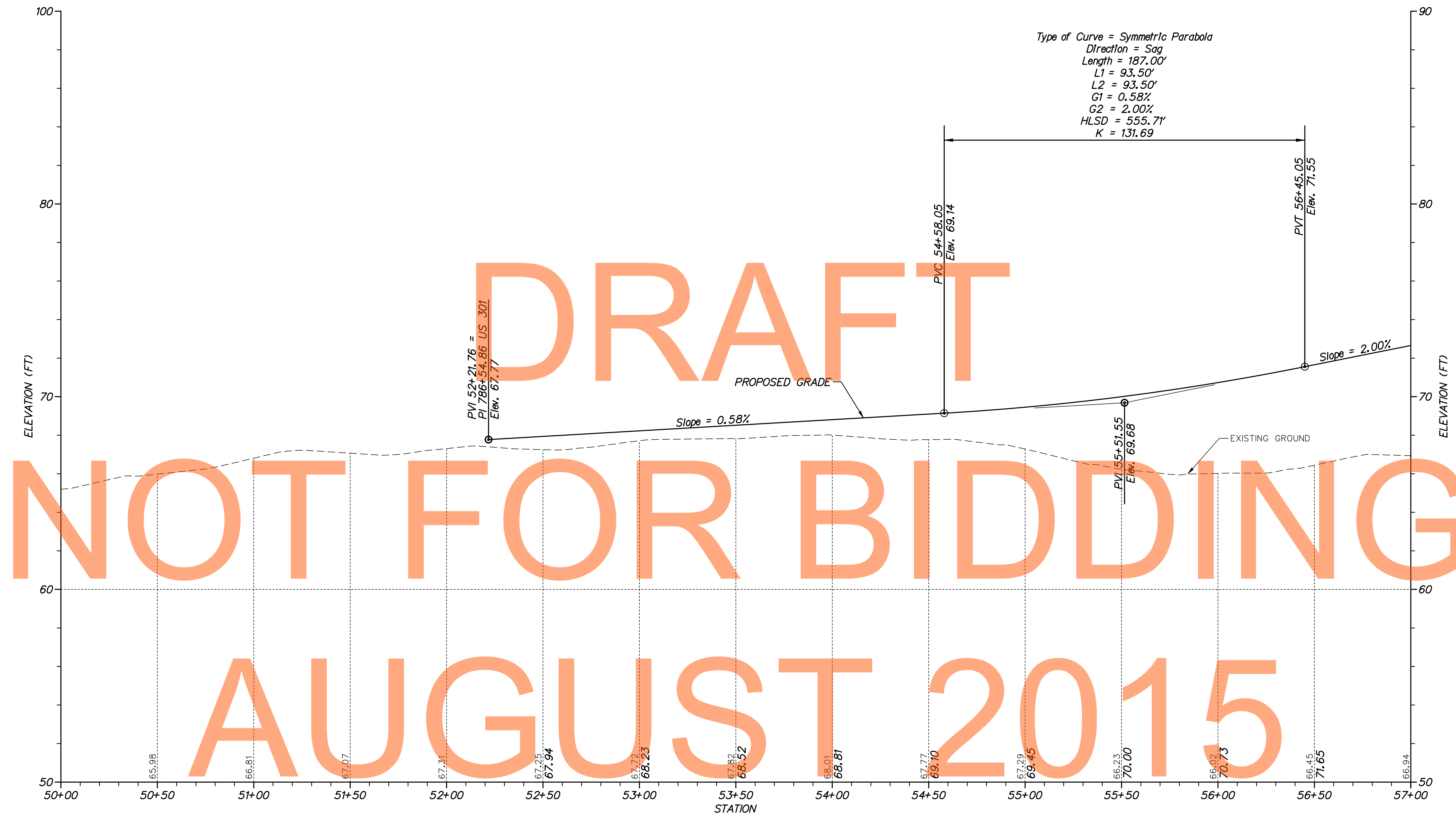


**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

SHEET NO. 141
TOTAL SHTS. 875

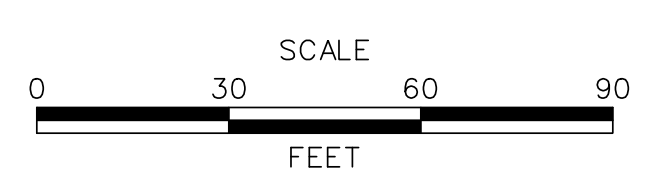
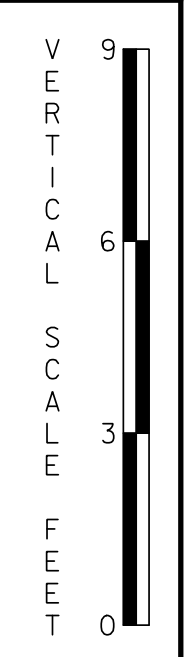


DRAFT

NOT FOR BIDDING

AUGUST 2015

RAMP P



**US 301,
SR 896 TO SR 1**

**DELAWARE
DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS	

CONTRACT T200911308	BRIDGE NO.	
COUNTY NEW CASTLE	DESIGNED BY: SJB	
	CHECKED BY: TAO	

PROFILES

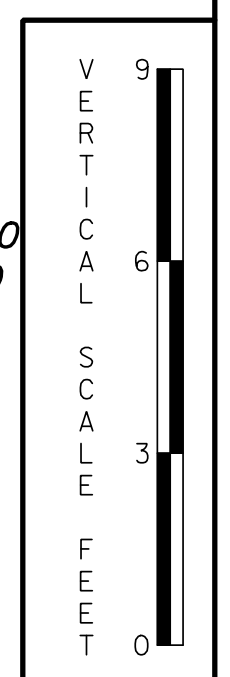
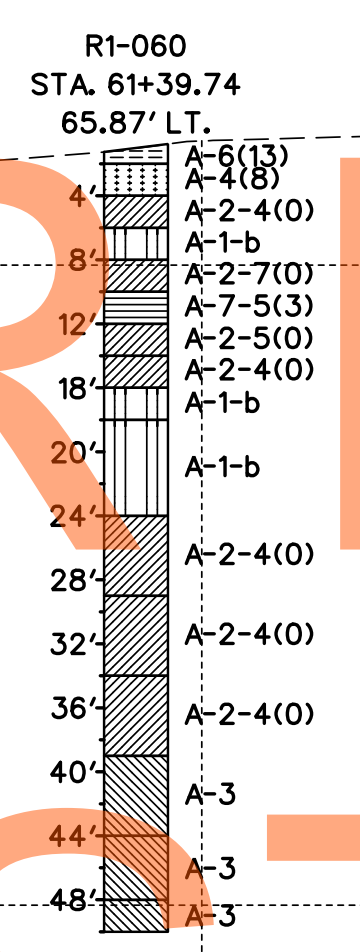
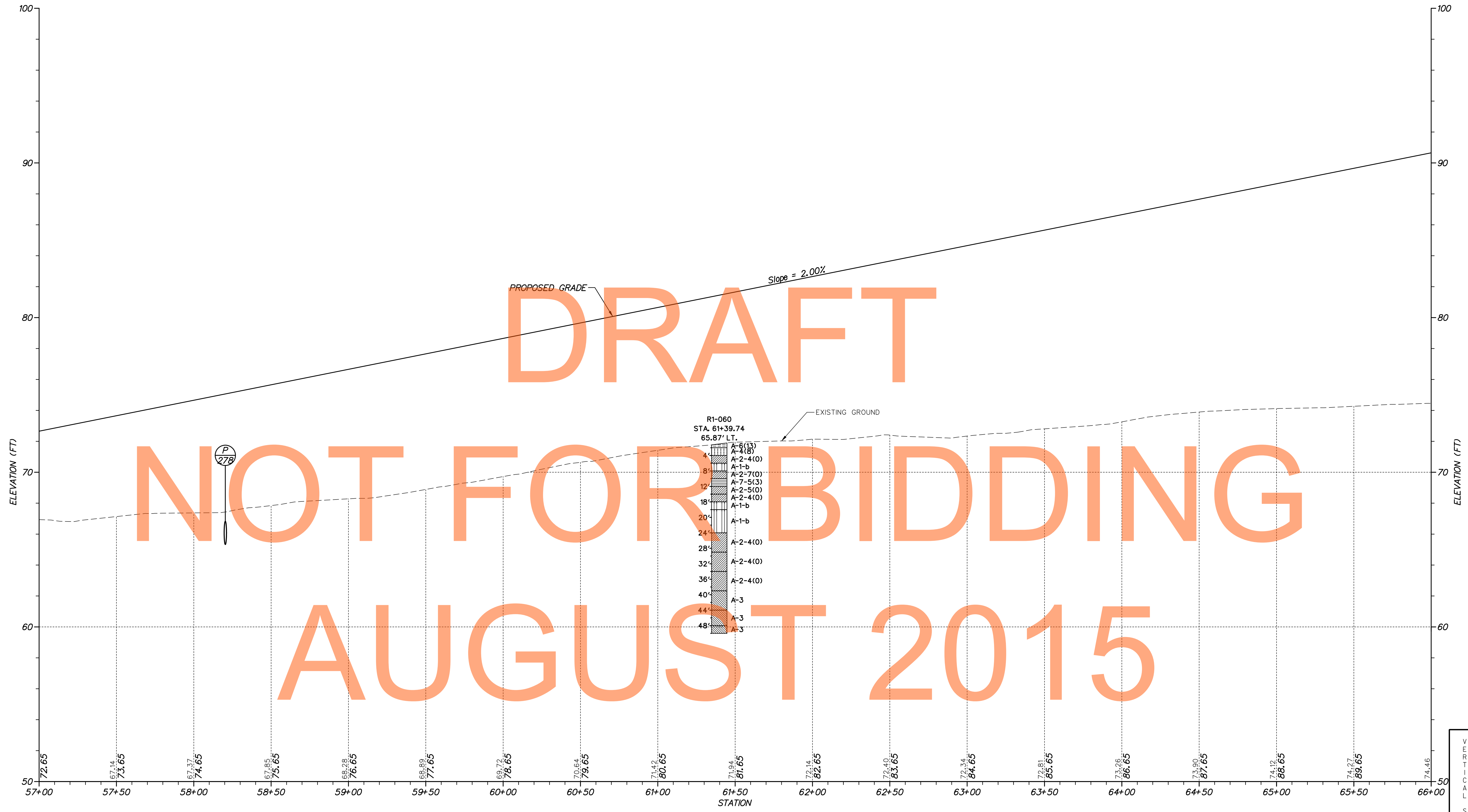
PF-31
SHEET NO. 142
TOTAL SHTS. 875

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DRAFT

NOT FOR BIDDING

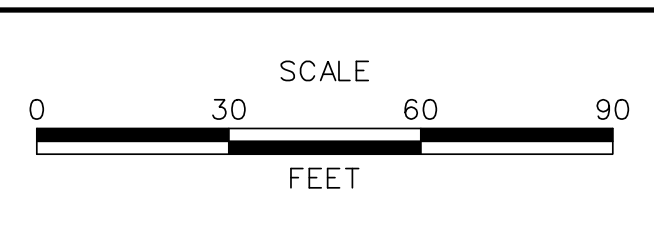
AUGUST 2015



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ADDENDUMS / REVISIONS	



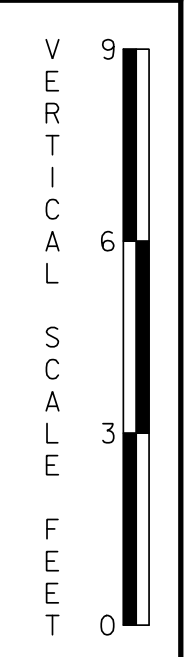
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

PF-32
SHEET NO. 143
TOTAL SHTS. 875

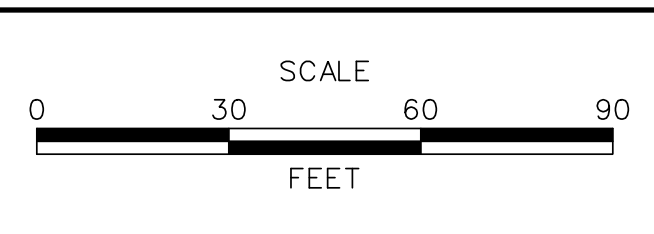
DRAFT
NOT FOR BIDDING
AUGUST 2015



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ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES	SHEET NO. 144
	TOTAL SHTS. 875

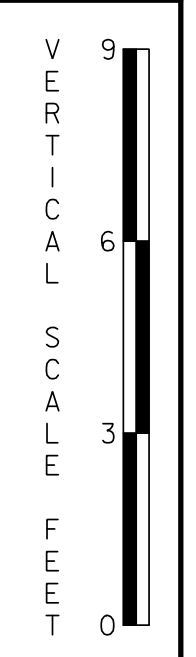
PF-33

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 750.00'
 L1 = 375.00'
 L2 = 375.00'
 G1 = -0.51%
 G2 = 2.00%
 HLSD = 1501.64'
 K = 298.80



DRAFT
NOT FOR BIDDING
AUGUST 2015

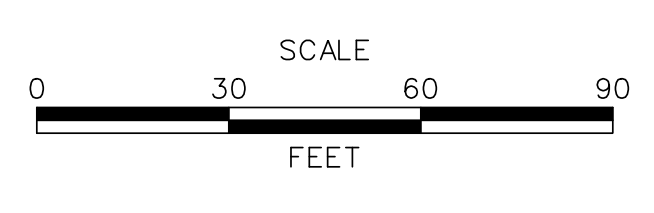
RAMP N



PF-34



ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES	SHEET NO. 145
	TOTAL SHTS. 875

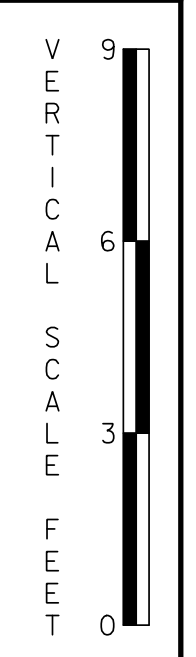
p:\1653-000\centric\1653-000\pfd\PF03-4\1301_1A.dgn
 2/29/2014 4:59:59 PM

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 750.00'
 L1 = 375.00'
 L2 = 375.00'
 G1 = -0.51%
 G2 = 2.00%
 HLSD = 1501.64'
 K = 298.80



DRAFT
NOT FOR BIDDING
AUGUST 2015

RAMP N

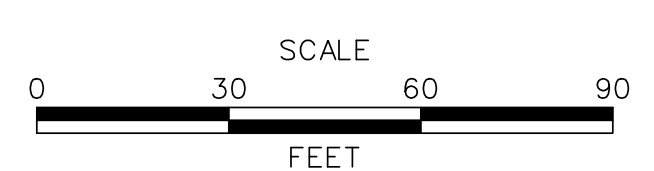


PF-35

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ADDENDUMS / REVISIONS	



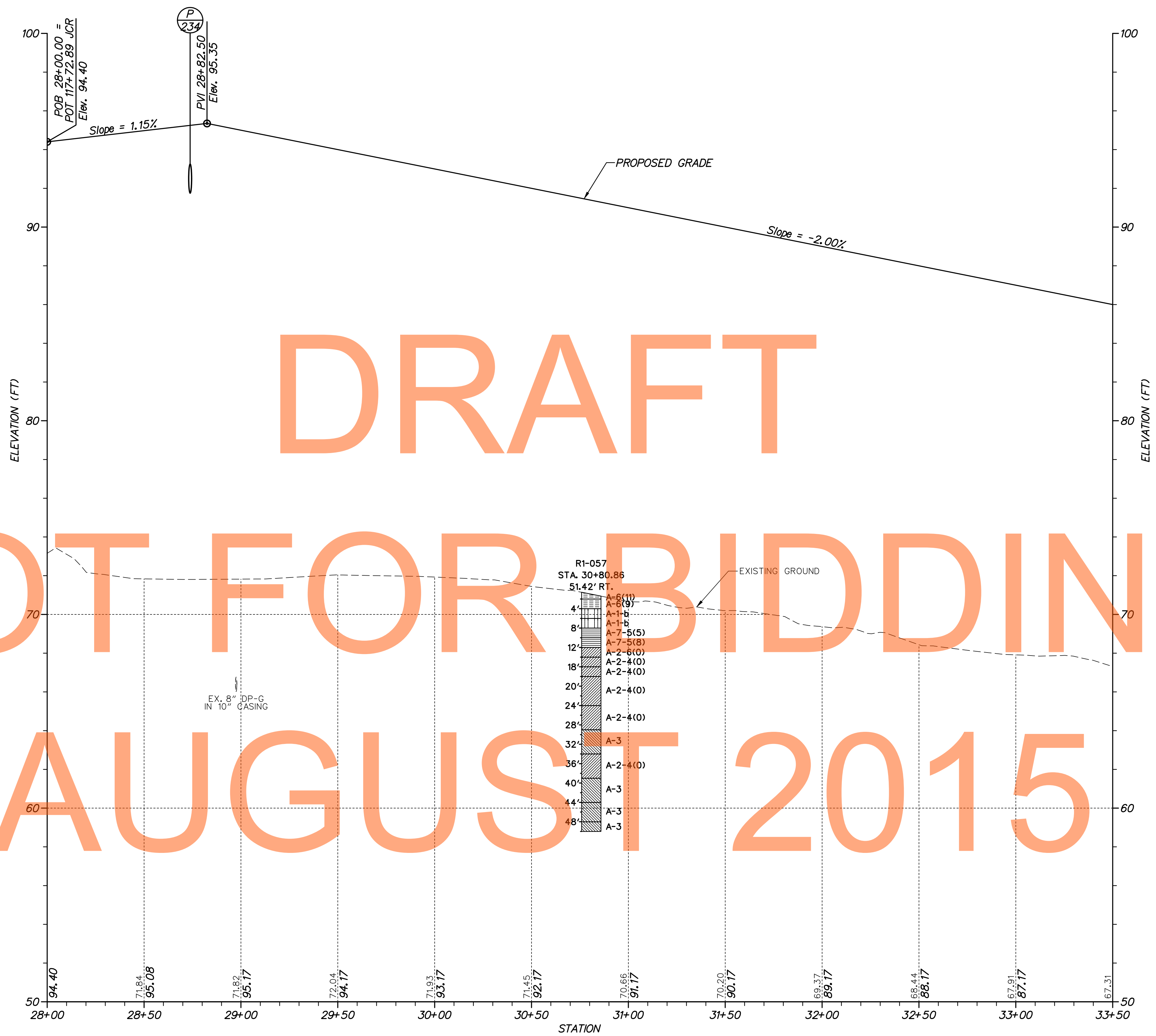
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

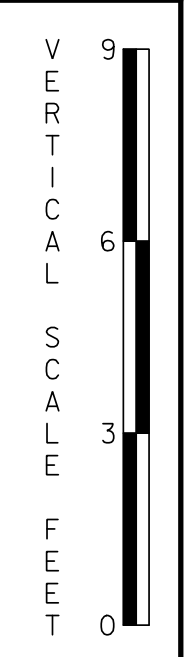
PROFILES

SHEET NO.	146
TOTAL SHTS.	875

DRAFT
NOT FOR BIDDING
AUGUST 2015



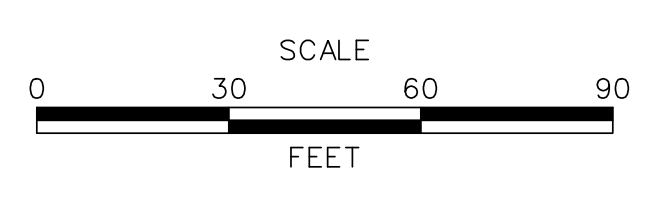
RAMP M



M:\31651\000\15071\SET 1A\CADD\PF036U301_1A.dgn
 PL 3/2/14 1:52:27 PM



ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: SJB
NEW CASTLE	CHECKED BY: TAO

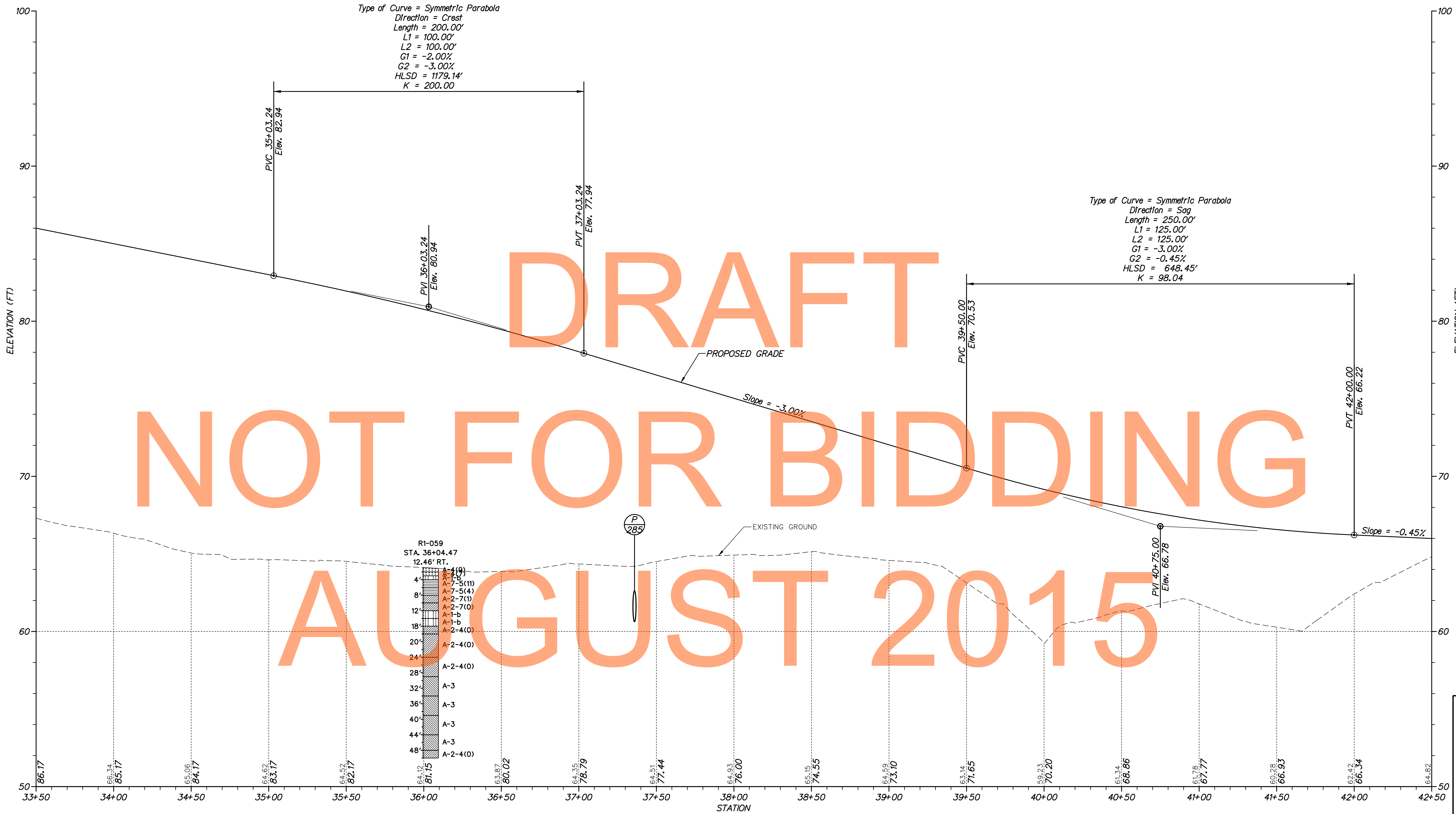
PROFILES

PF-36
SHEET NO.
147
TOTAL SHTS.
875

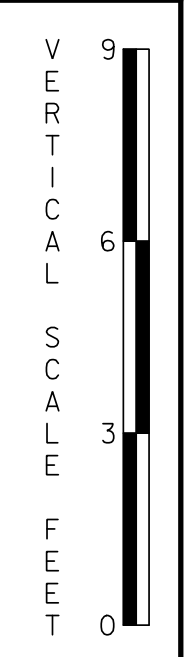
DRAFT

NOT FOR BIDDING

AUGUST 2015



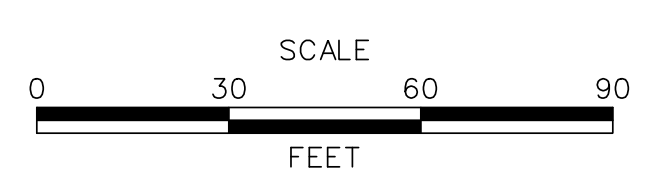
RAMP M



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10/30/2012 2:42:53 PM



ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: SJB
NEW CASTLE	CHECKED BY: TAO

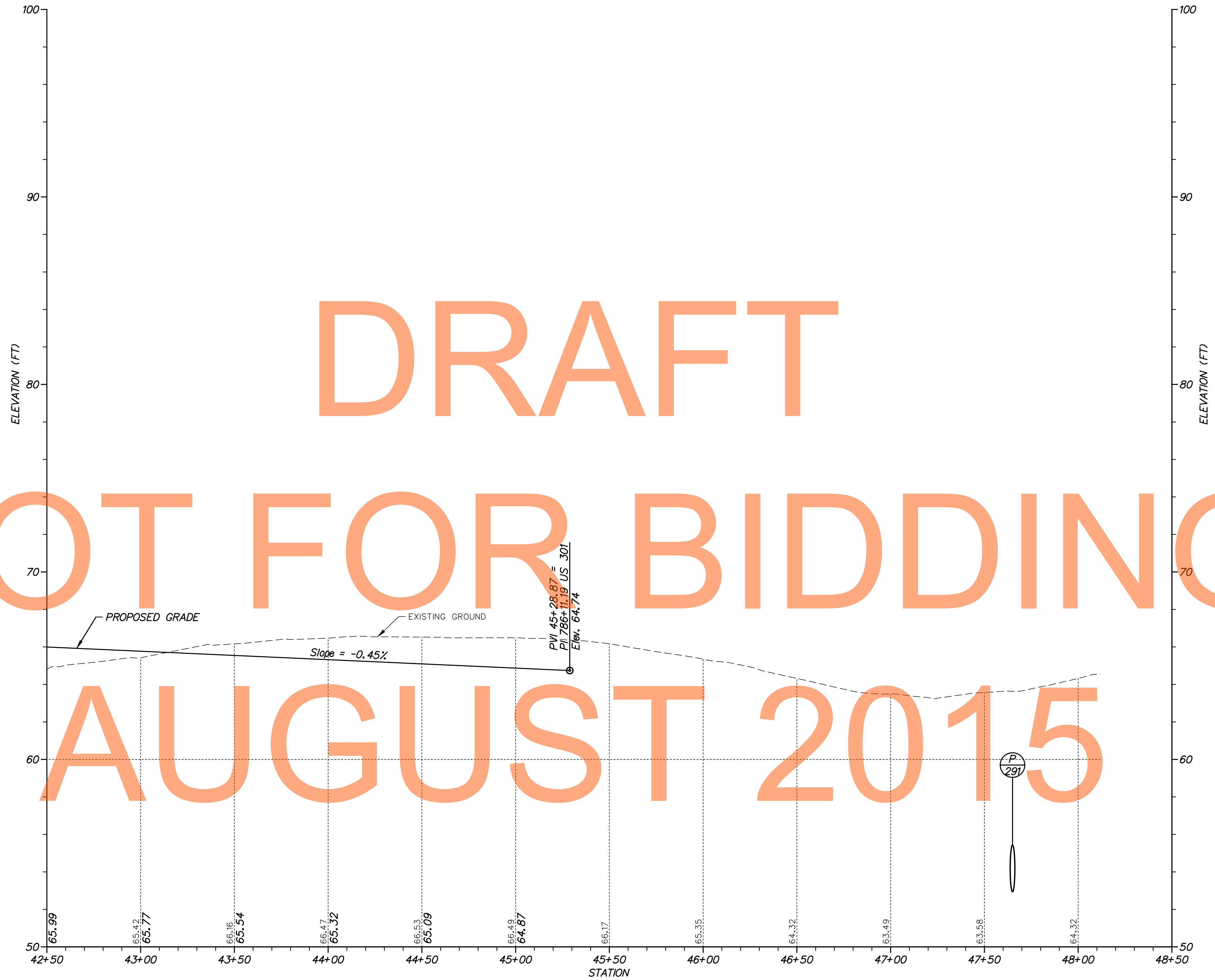
PROFILES

SHEET NO.
148
TOTAL SHTS.
875

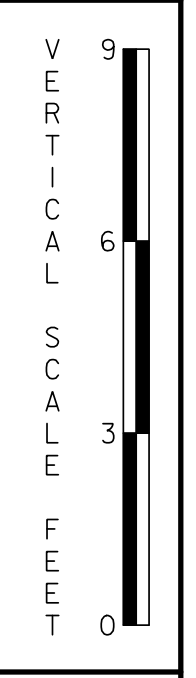
DRAFT

NOT FOR BIDDING

AUGUST 2015



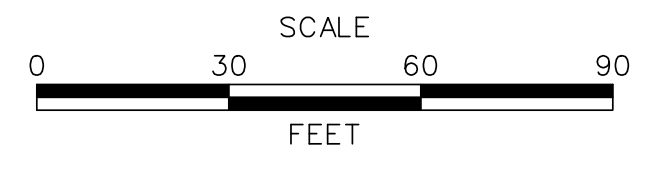
RAMP M



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ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES

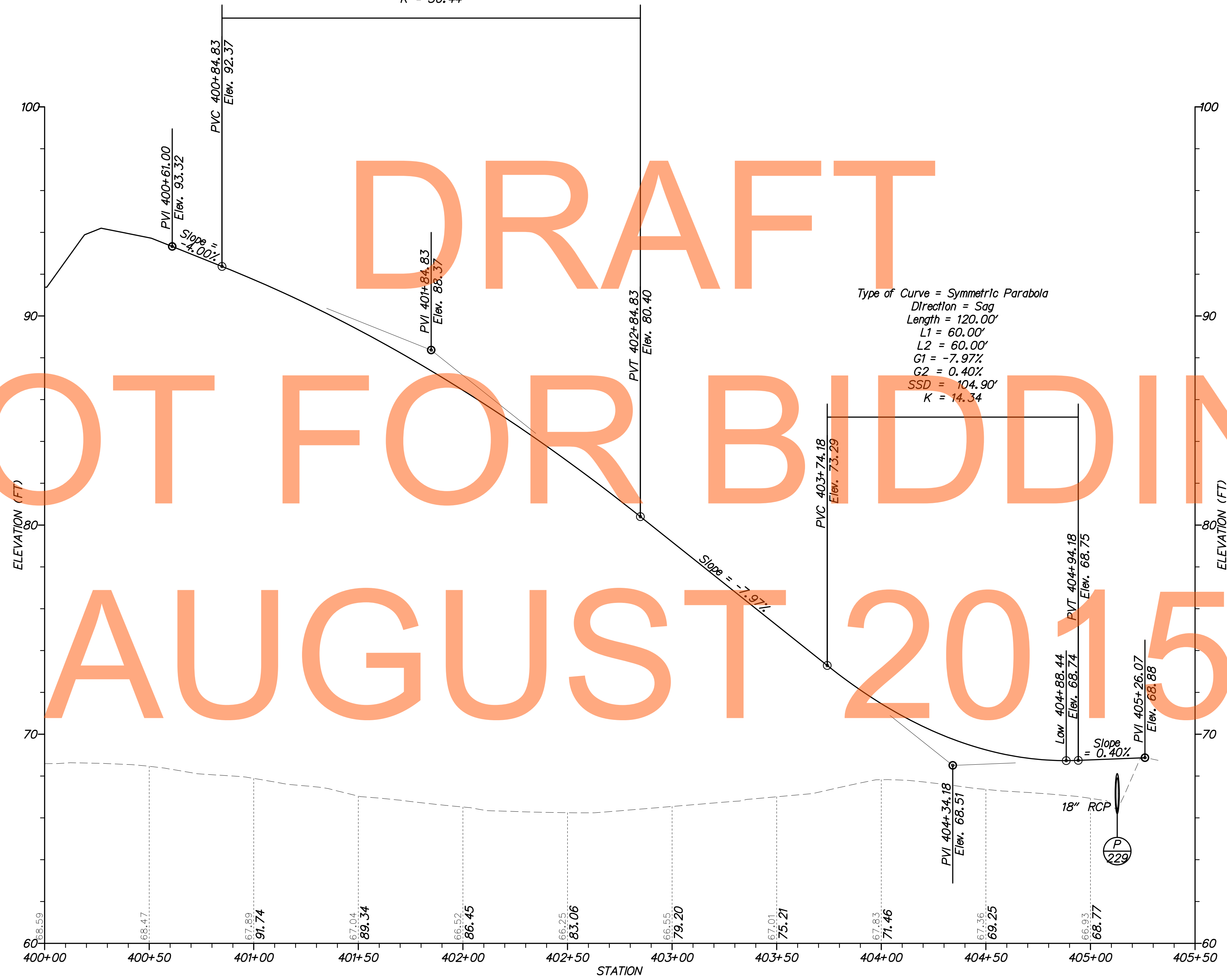
PF-38
SHEET NO. 149
TOTAL SHTS. 875

P:\1445 US 301 SECT.1\DESIGN\FINAL_SUBMISSION\CONTRACT_1A-PSE\REF\SB003U301_1A.DGN

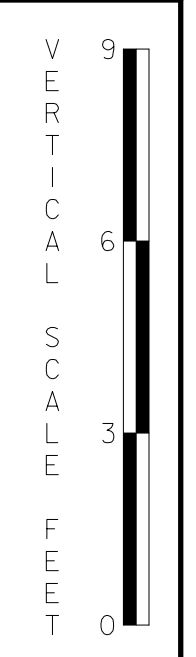
Type of Curve = Symmetric Parabola
Direction = Crest
Length = 200.00'
L1 = 100.00'
L2 = 100.00'
G1 = -4.00%
G2 = -7.97%
SSD = 372.17'
K = 50.44

Type of Curve = Symmetric Parabola
Direction = Sag
Length = 120.00'
L1 = 60.00'
L2 = 60.00'
G1 = -7.97%
G2 = 0.40%
SSD = 104.90'
K = 14.34

DRAFT
NOT FOR BIDDING
AUGUST 2015



BCR NB E-Ramp



ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BT

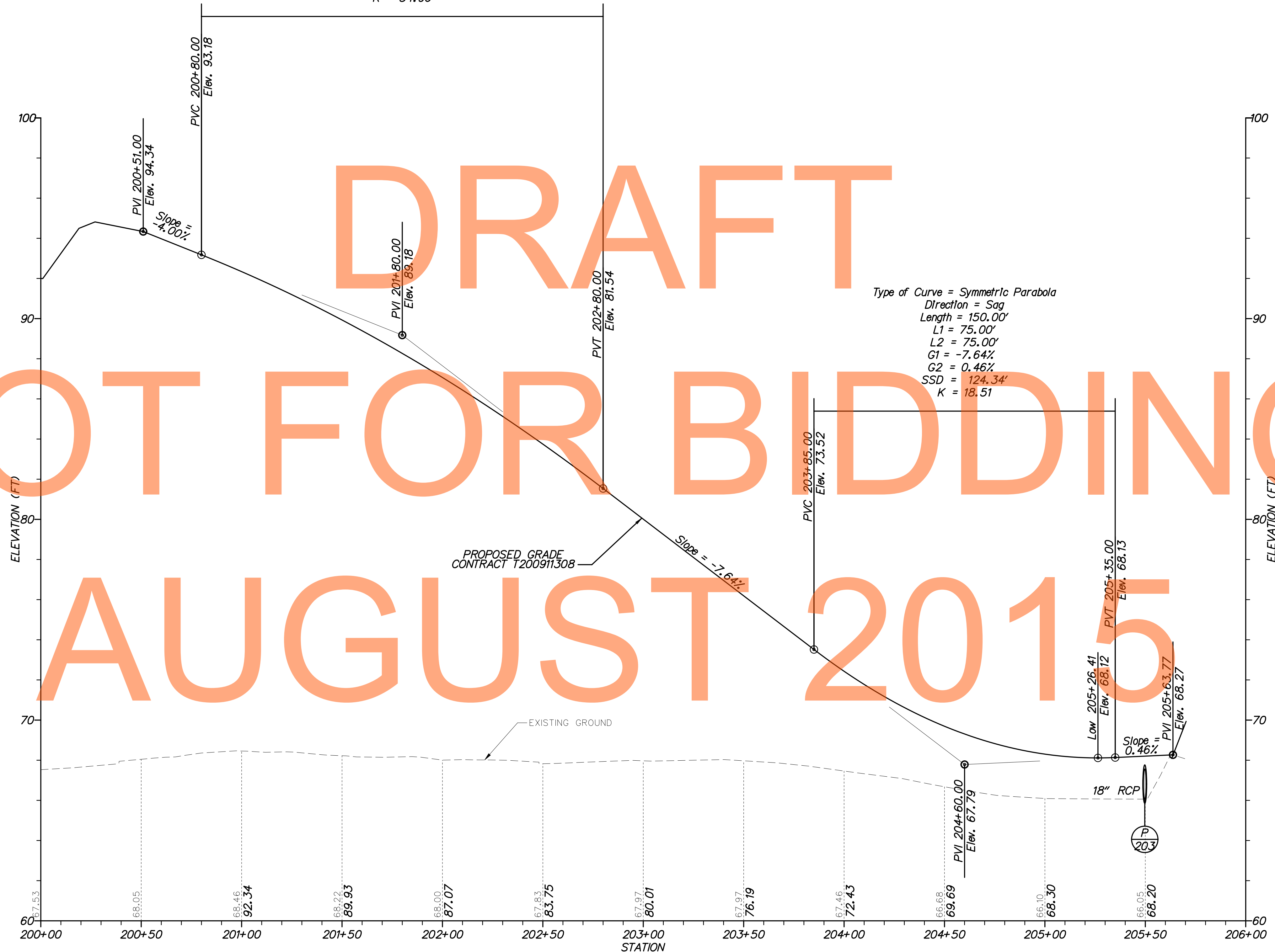
PROFILES

SHEET NO.	150
TOTAL SHTS.	875

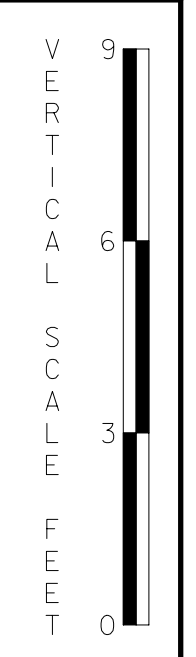
Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 200.00'
 L1 = 100.00'
 L2 = 100.00'
 G1 = -4.00%
 G2 = -7.64%
 SSD = 396.53'
 K = 54.96

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 150.00'
 L1 = 75.00'
 L2 = 75.00'
 G1 = -7.64%
 G2 = 0.46%
 SSD = 124.34'
 K = 18.51

DRAFT
NOT FOR BIDDING
AUGUST 2015



BCR SB E-Ramp



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ADDENDUMS / REVISIONS	

SCALE
0 30 60 90
FEET

**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BT

PROFILES

SHEET NO. 151
TOTAL SHTS. 875

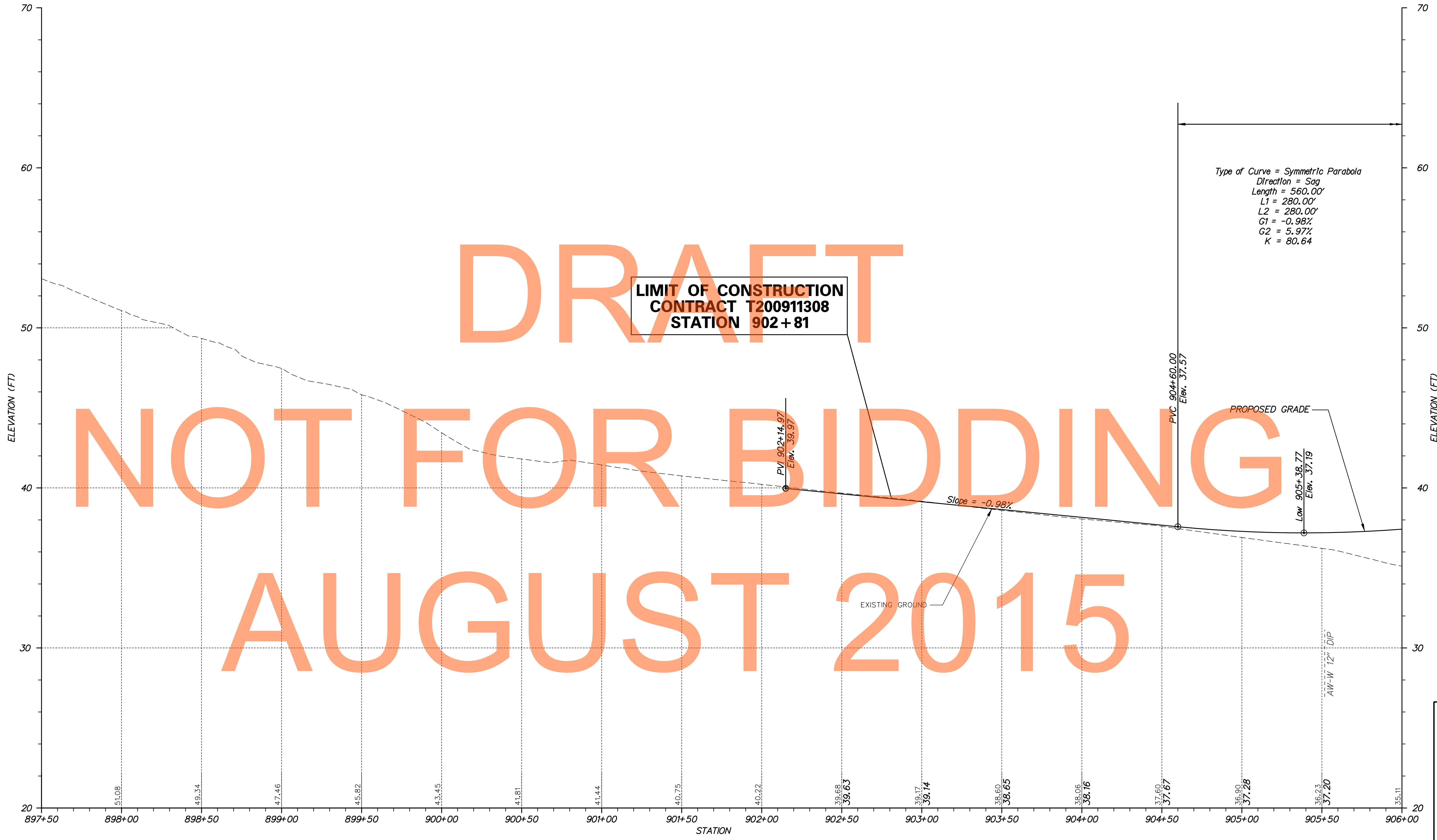
DRAFT

NOT FOR BIDDING

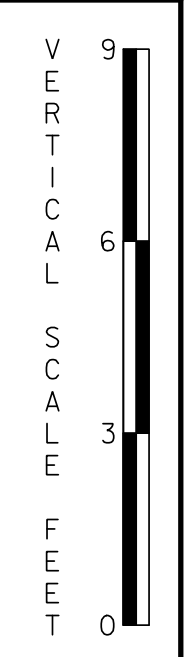
AUGUST 2015

**LIMIT OF CONSTRUCTION
CONTRACT T200911308
STATION 902+81**

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 560.00'
 L1 = 280.00'
 L2 = 280.00'
 G1 = -0.98%
 G2 = 5.97%
 K = 80.64



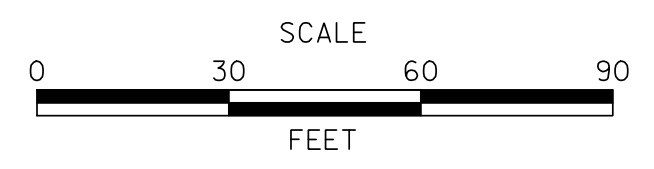
HYETTS CORNER ROAD



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ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

PROFILES

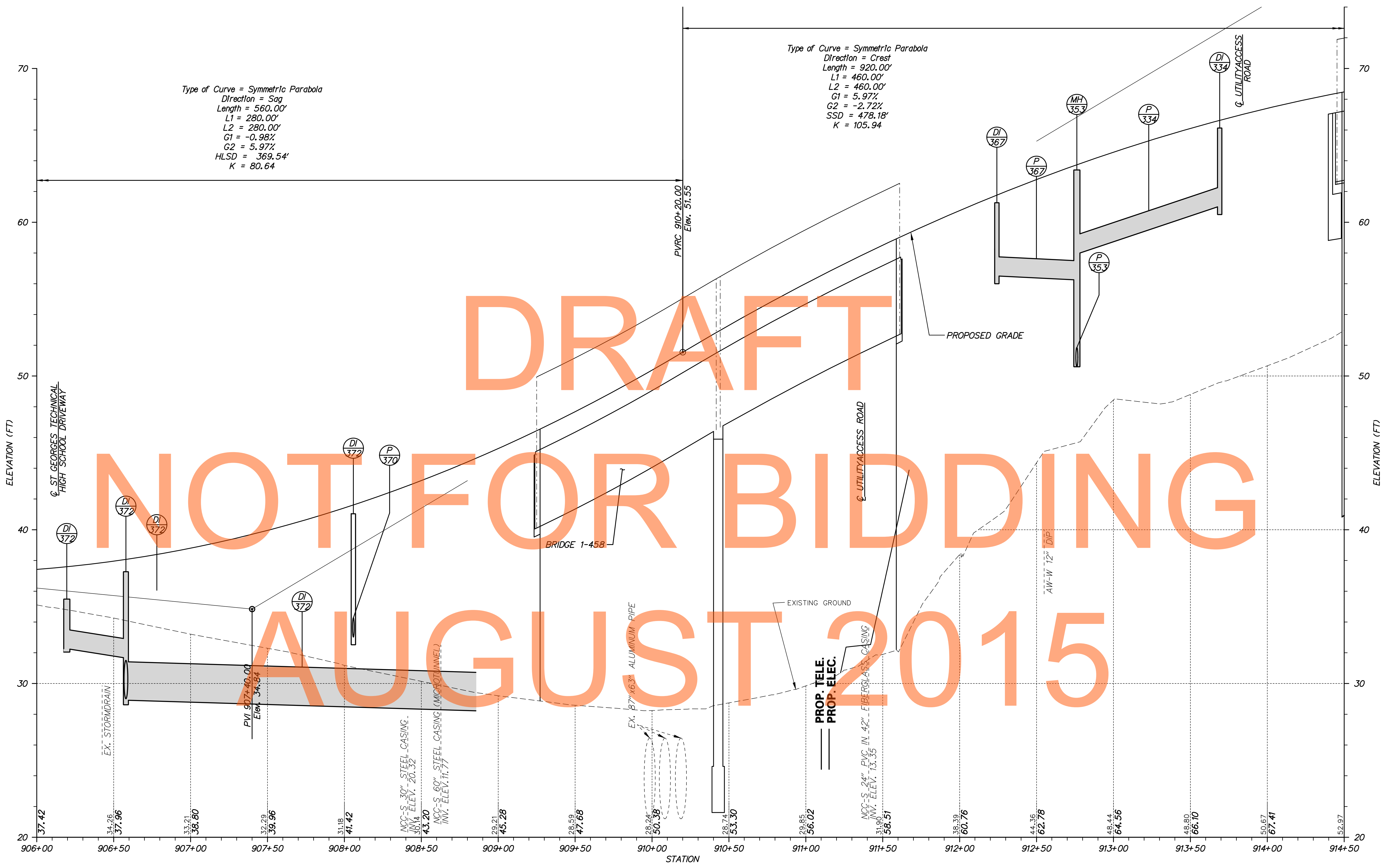
SHEET NO.	152
TOTAL SHTS.	875

PF-41

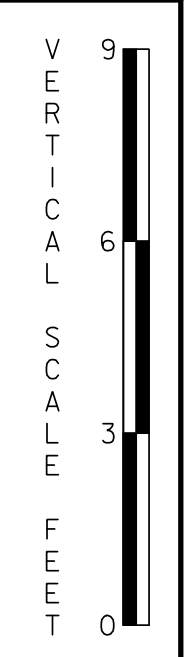
DRAFT
NOT FOR BIDDING
AUGUST 2015

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 560.00'
 L1 = 280.00'
 L2 = 280.00'
 G1 = -0.98%
 G2 = 5.97%
 HLSD = 369.54'
 K = 80.64

Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 920.00'
 L1 = 460.00'
 L2 = 460.00'
 G1 = 5.97%
 G2 = -2.72%
 SSD = 478.18'
 K = 105.94



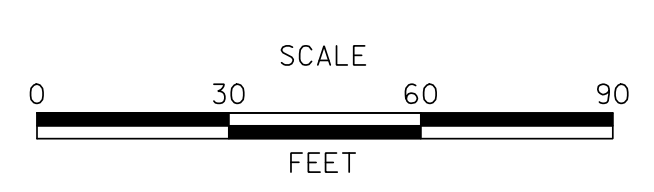
HYETTS CORNER ROAD



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ADDENDUMS / REVISIONS	



US 301, SR 896 TO SR 1

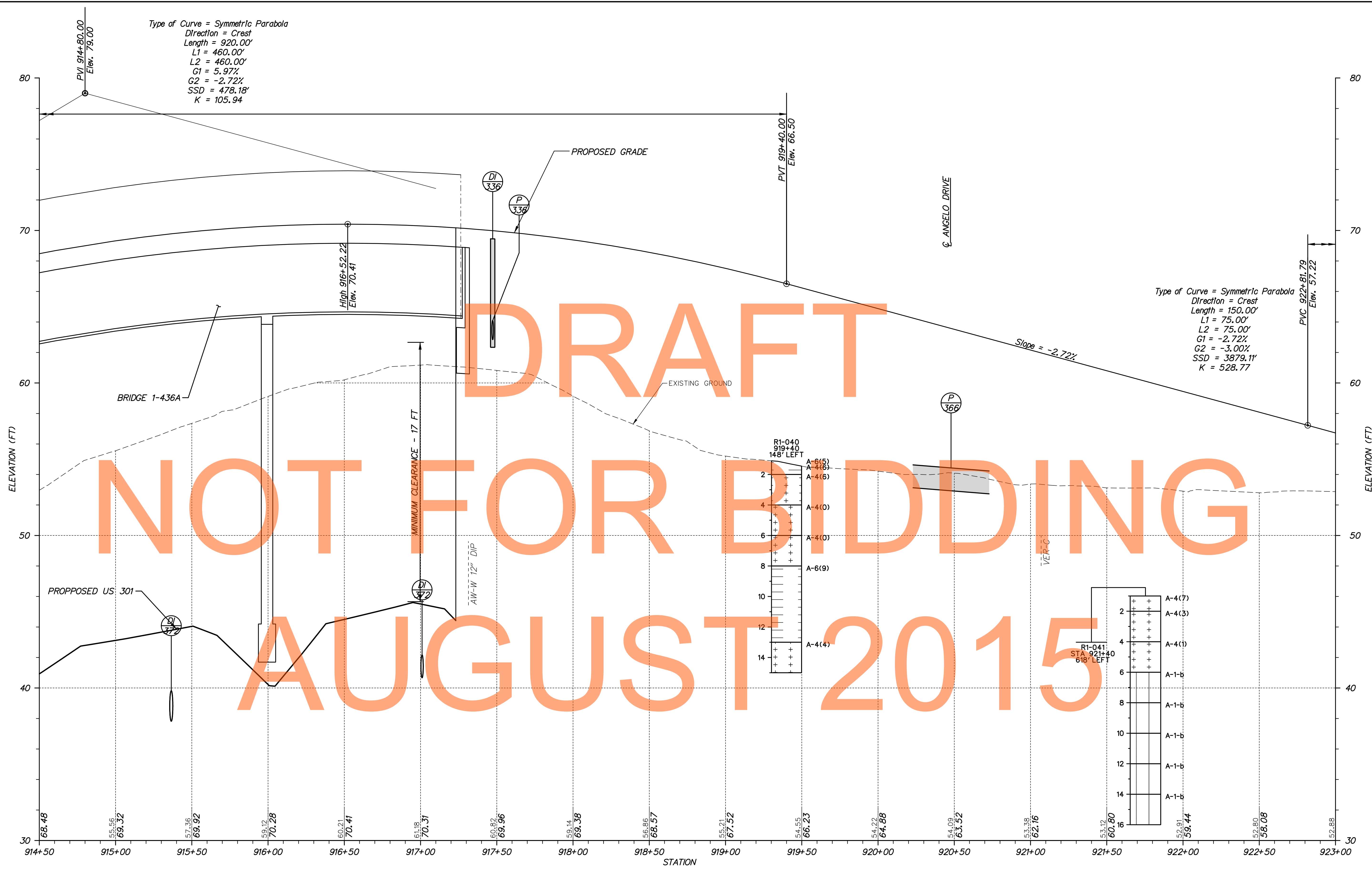
CONTRACT T200911308	BRIDGE NO. 1-6
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

PROFILES

SHEET NO. 153
TOTAL SHTS. 875

Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 920.00'
 L1 = 460.00'
 L2 = 460.00'
 G1 = 5.97%
 G2 = -2.72%
 SSD = 478.18'
 K = 105.94

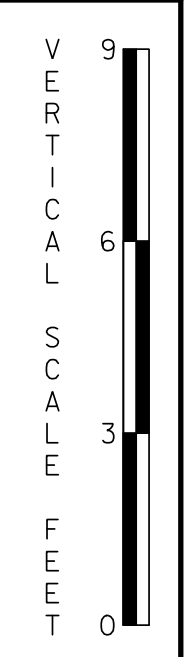
Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 150.00'
 L1 = 75.00'
 L2 = 75.00'
 G1 = -2.72%
 G2 = -3.00%
 SSD = 3879.11'
 K = 528.77



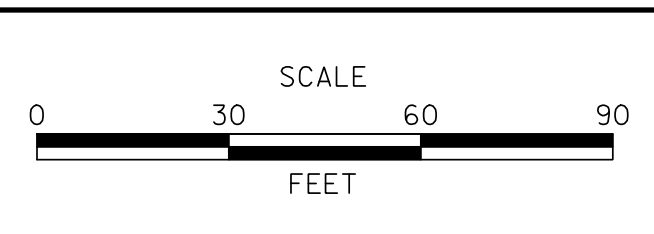
DRAFT
NOT FOR BIDDING
AUGUST 2015

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NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.	1-5
T200911308	DESIGNED BY:	K.A.H.
COUNTY	CHECKED BY:	B.R.T.
NEW CASTLE		

PROFILES

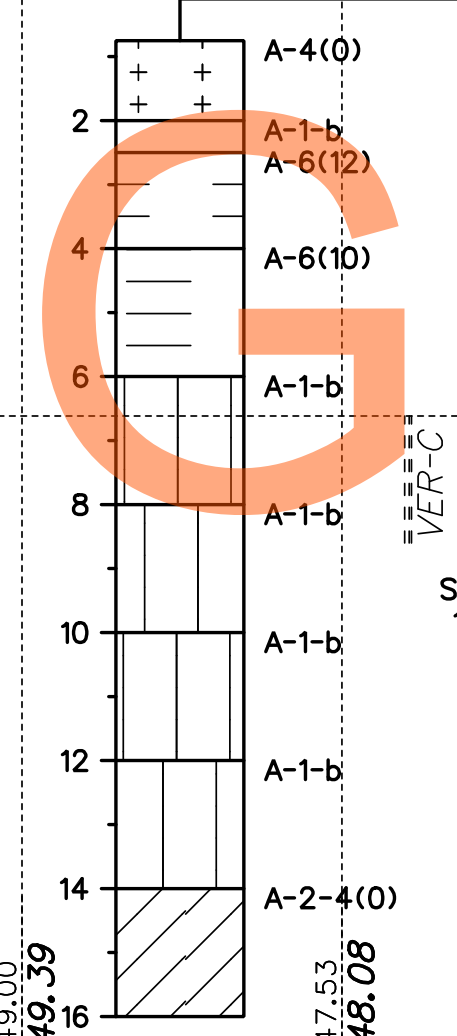
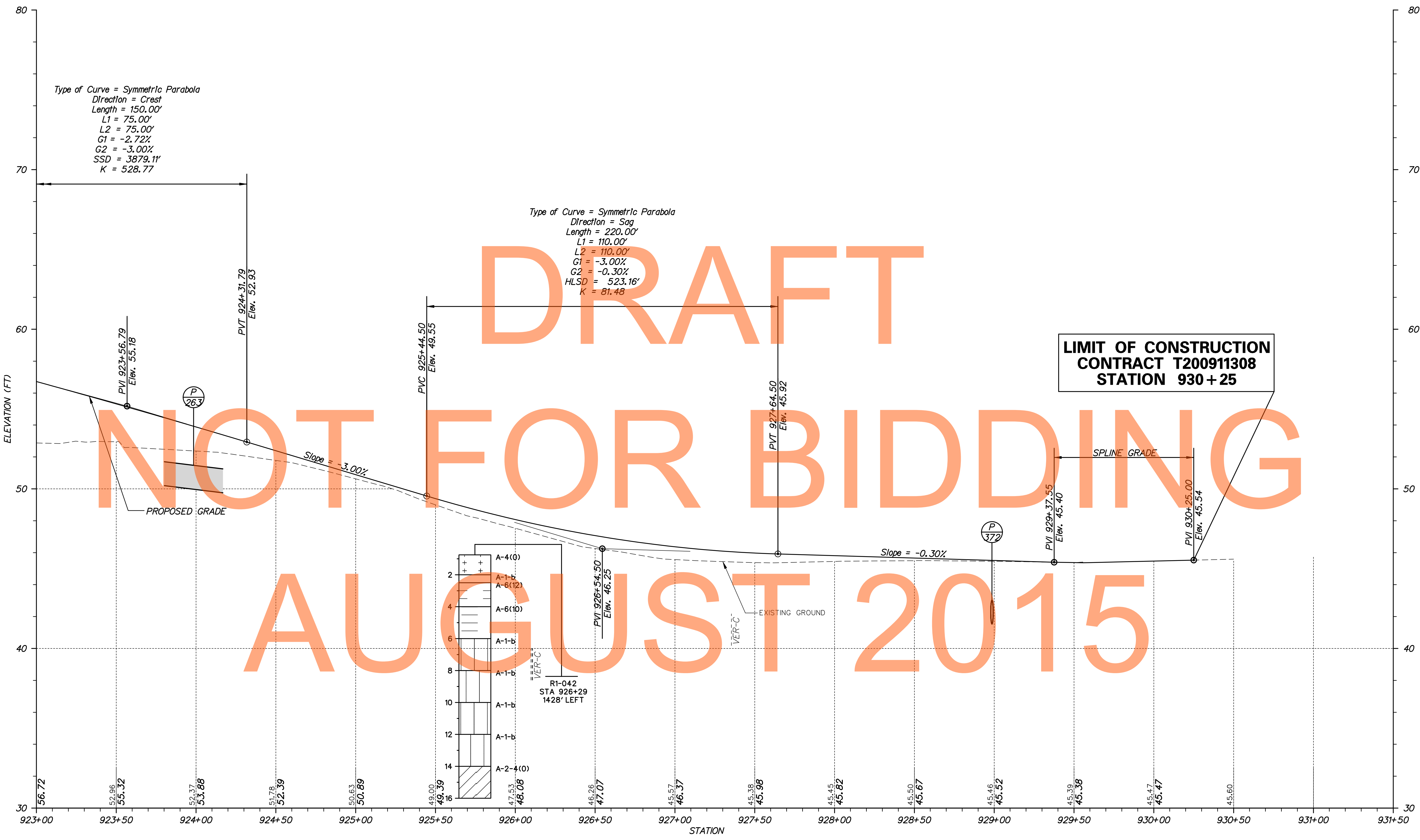
SHEET NO.	154
TOTAL SHTS.	875

PF-43

DRAFT

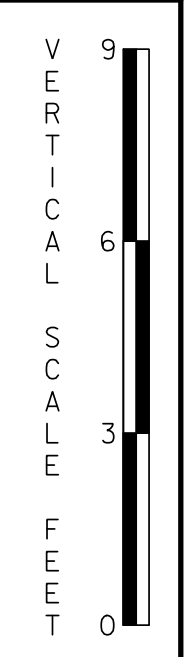
NOT FOR BIDDING

AUGUST 2015



HYETTS CORNER ROAD

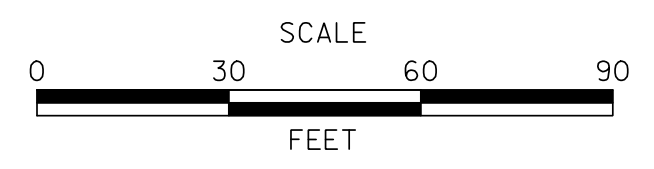
NOTE: BORINGS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. MATERIALS ENCOUNTERED MAY NOT CORRESPOND TO BORING DATA PROVIDED HEREIN.



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ADDENDUMS / REVISIONS	



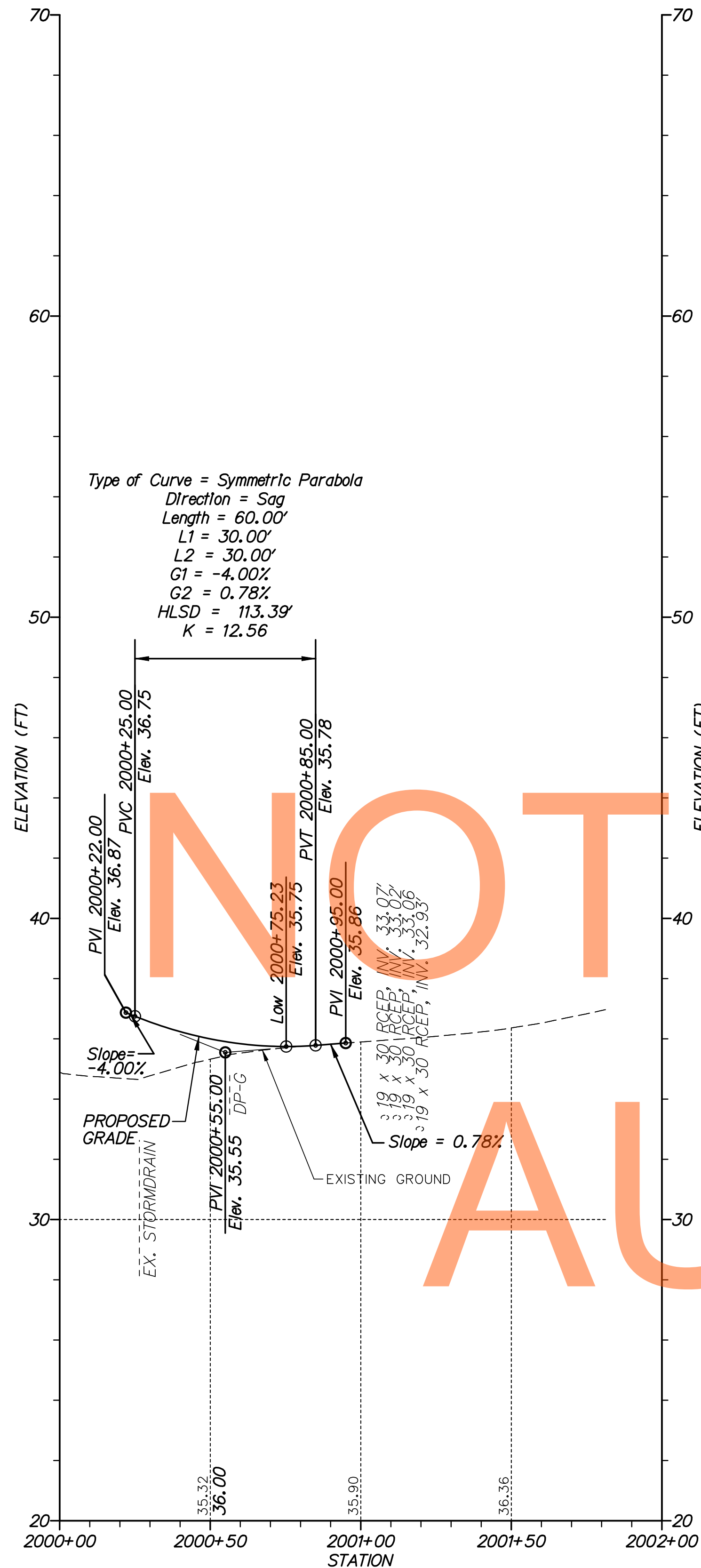
**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

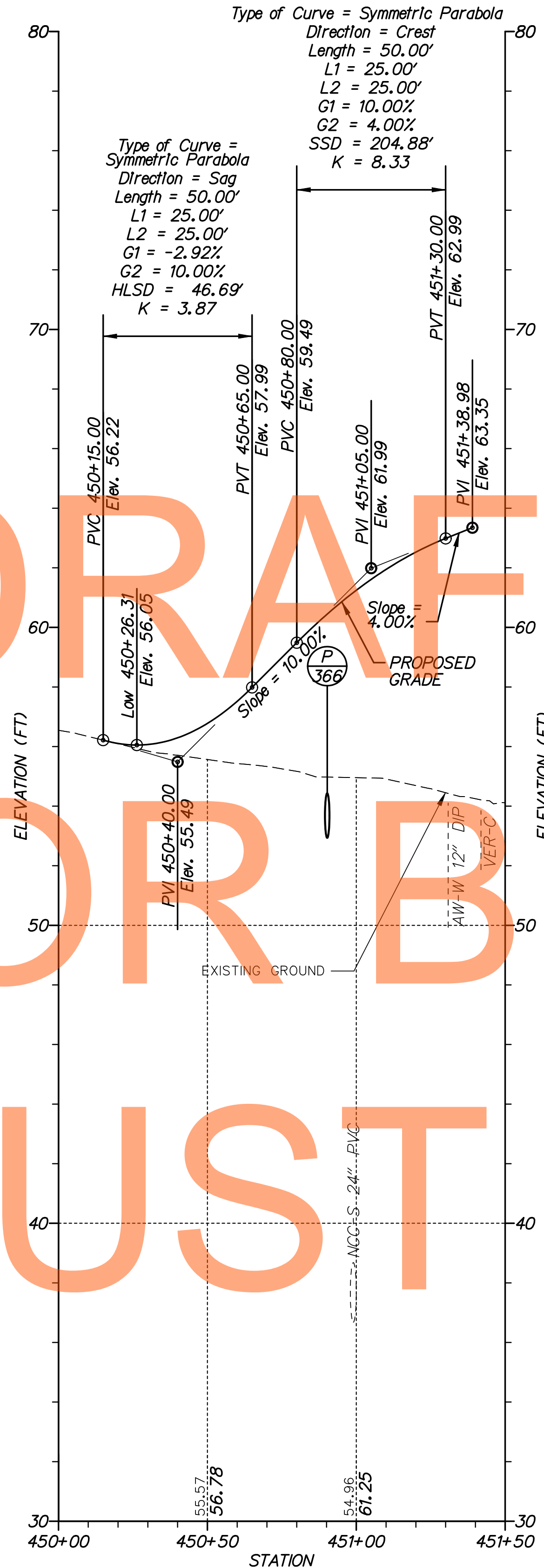
PROFILES

SHEET NO.	155
TOTAL SHTS.	875

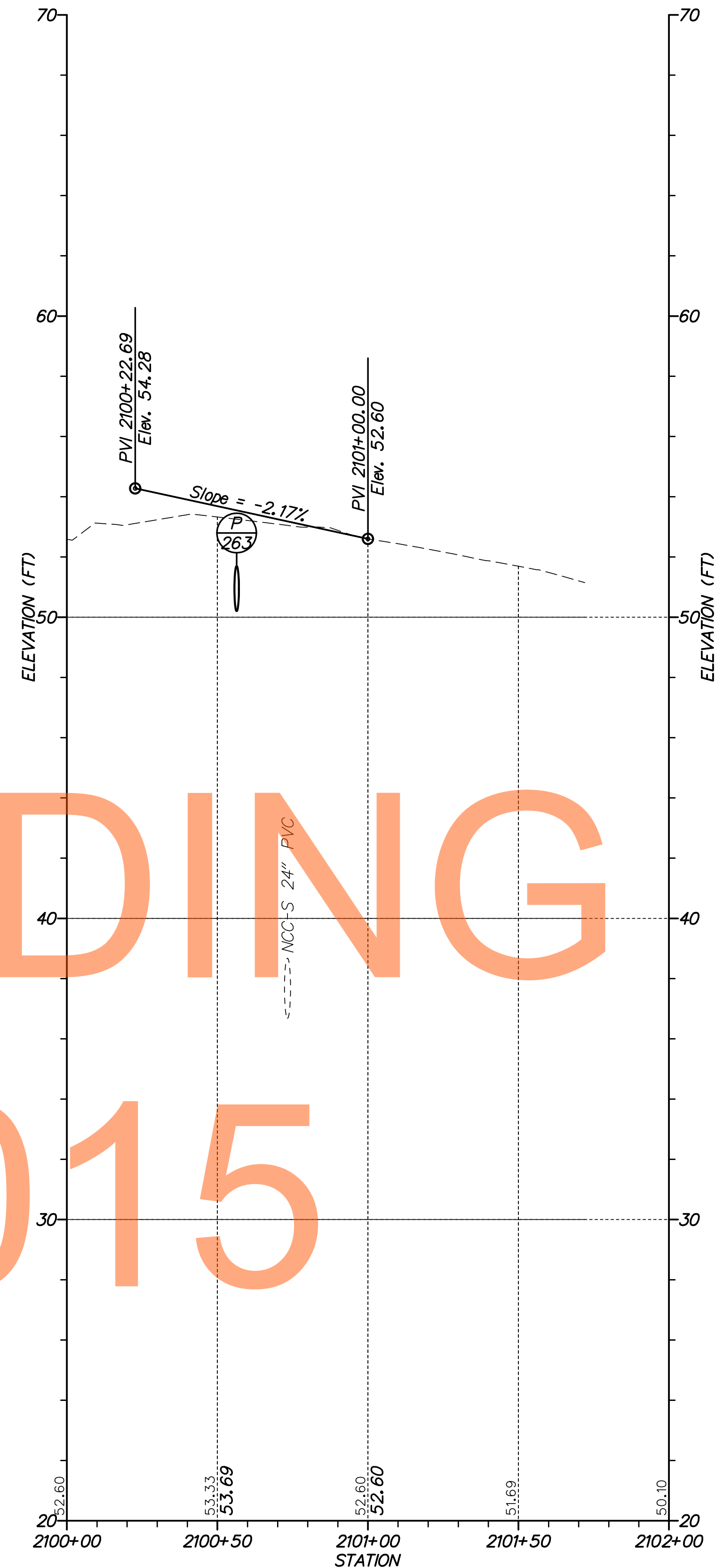
PF-44



HIGH SCHOOL DRIVEWAY



ANGELO DRIVE



WINDSOR COMMONS PATH

DRAFT
NOT FOR BIDDING
AUGUST 2015

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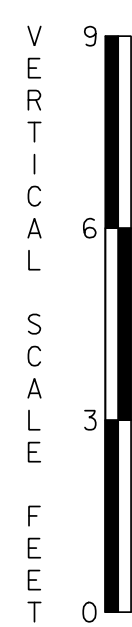
ADDENDUMS / REVISIONS	



US 301,
SR 896 TO SR 1

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

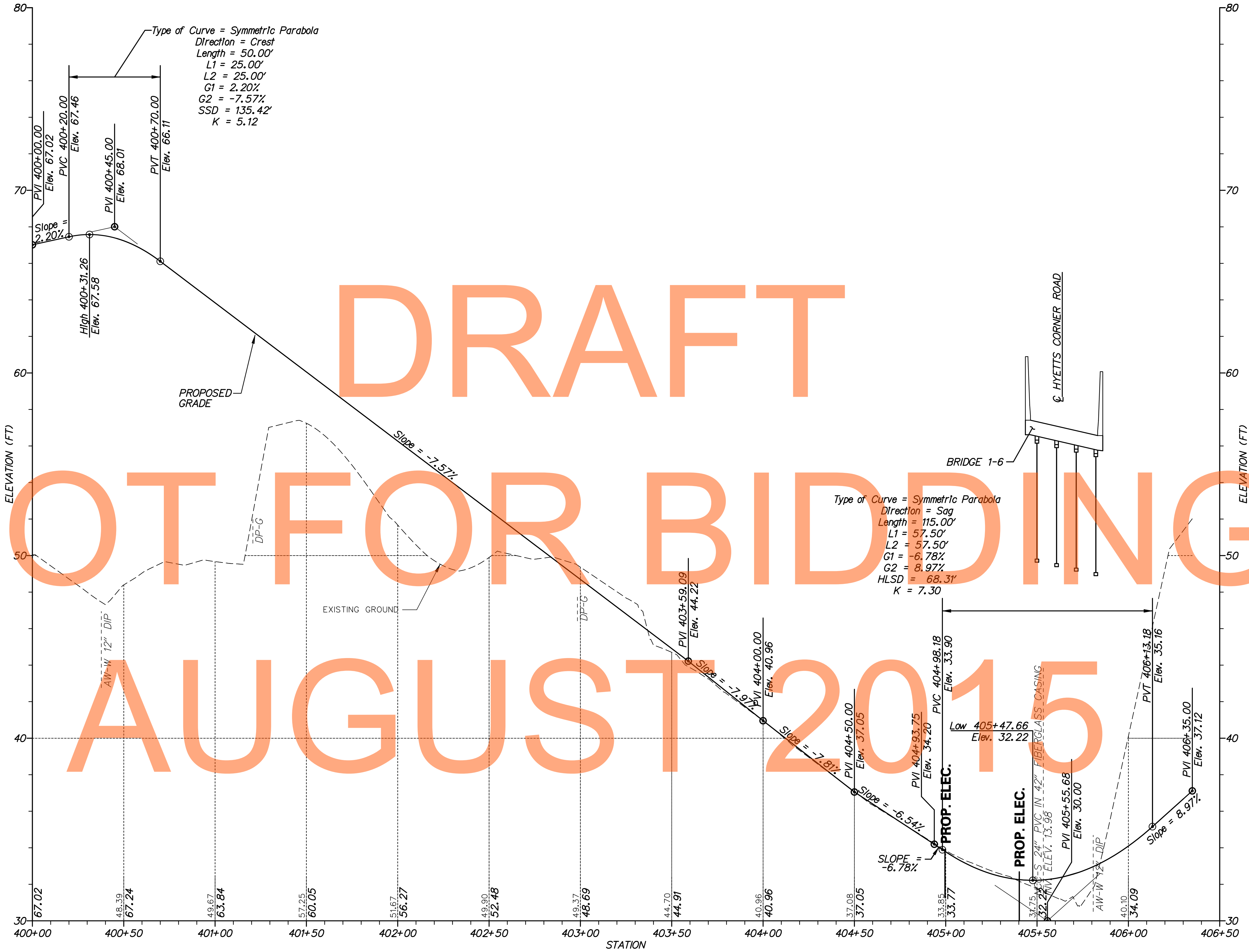
PROFILES



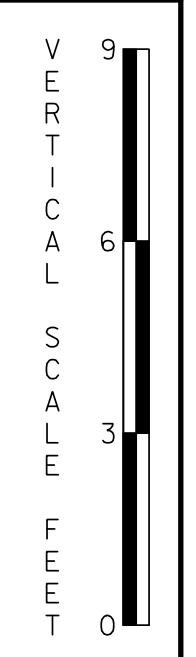
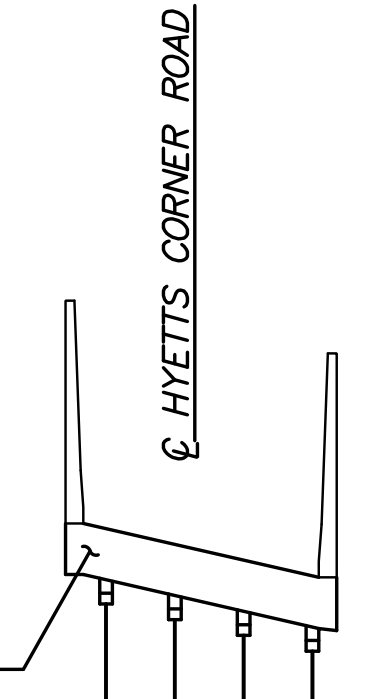
PF-45

SHEET NO.	156
TOTAL SHTS.	875

DRAFT
NOT FOR BIDDING
AUGUST 2015



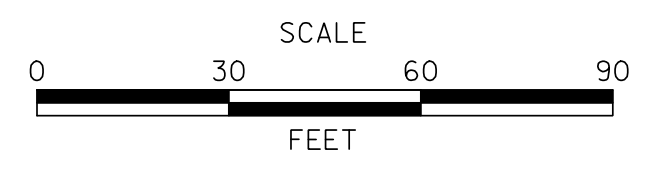
UTILITY ACCESS ROAD



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ADDENDUMS / REVISIONS

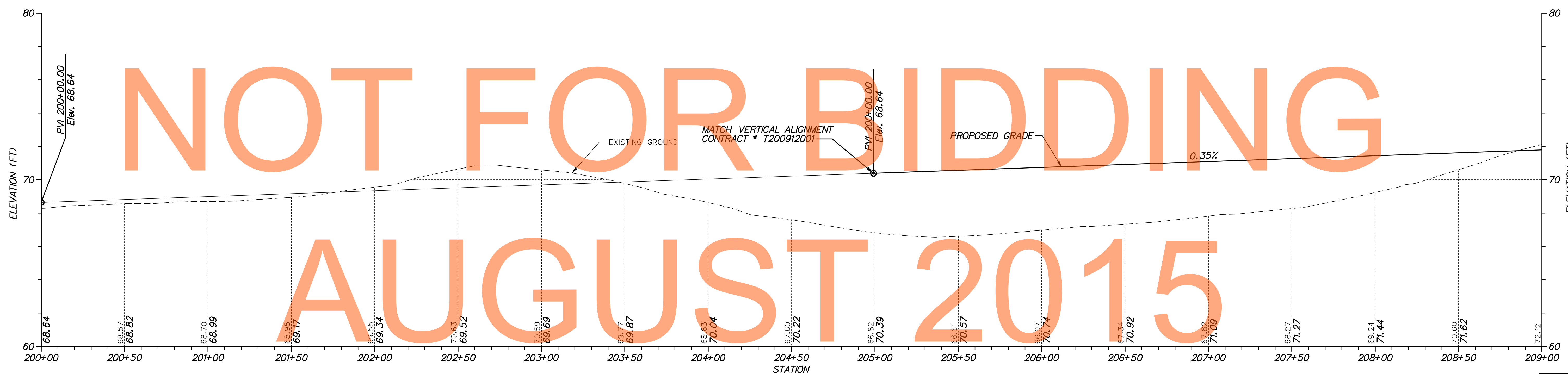
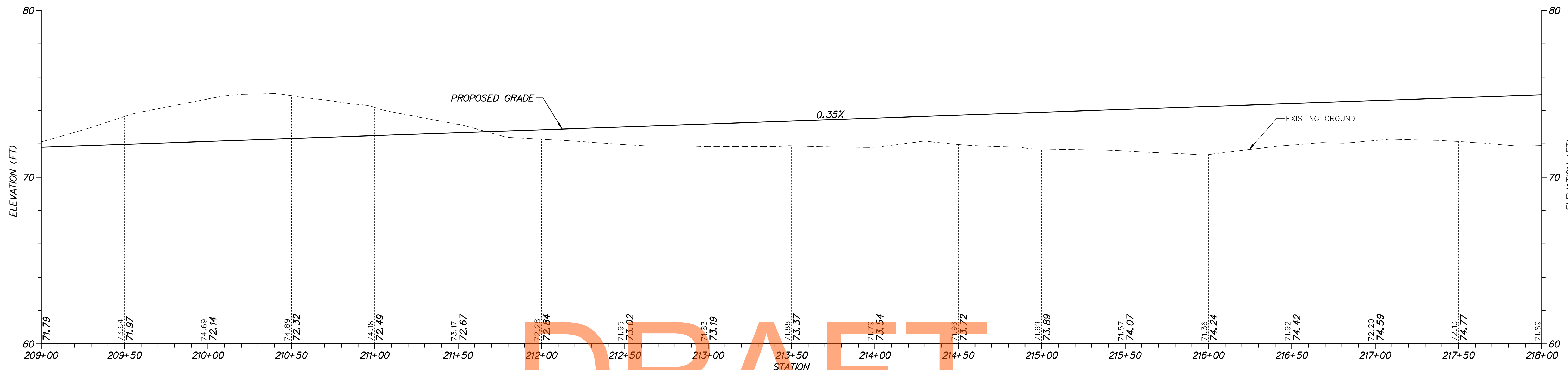


**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO. 1-6
COUNTY NEW CASTLE	DESIGNED BY: K.A.H.
	CHECKED BY: B.R.T.

PROFILES

SHEET NO. 157	TOTAL SHTS. 875
------------------	--------------------

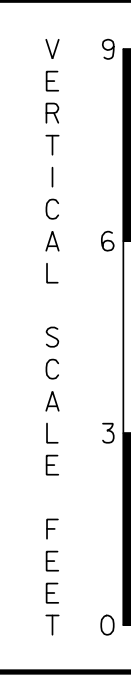


DRAFT

NOT FOR BIDDING

AUGUST 2015

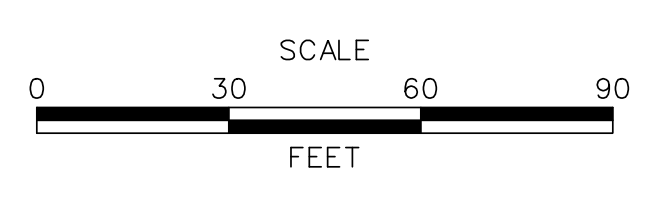
RUNAROUND ROAD



PF-47



ADDENDUMS / REVISIONS

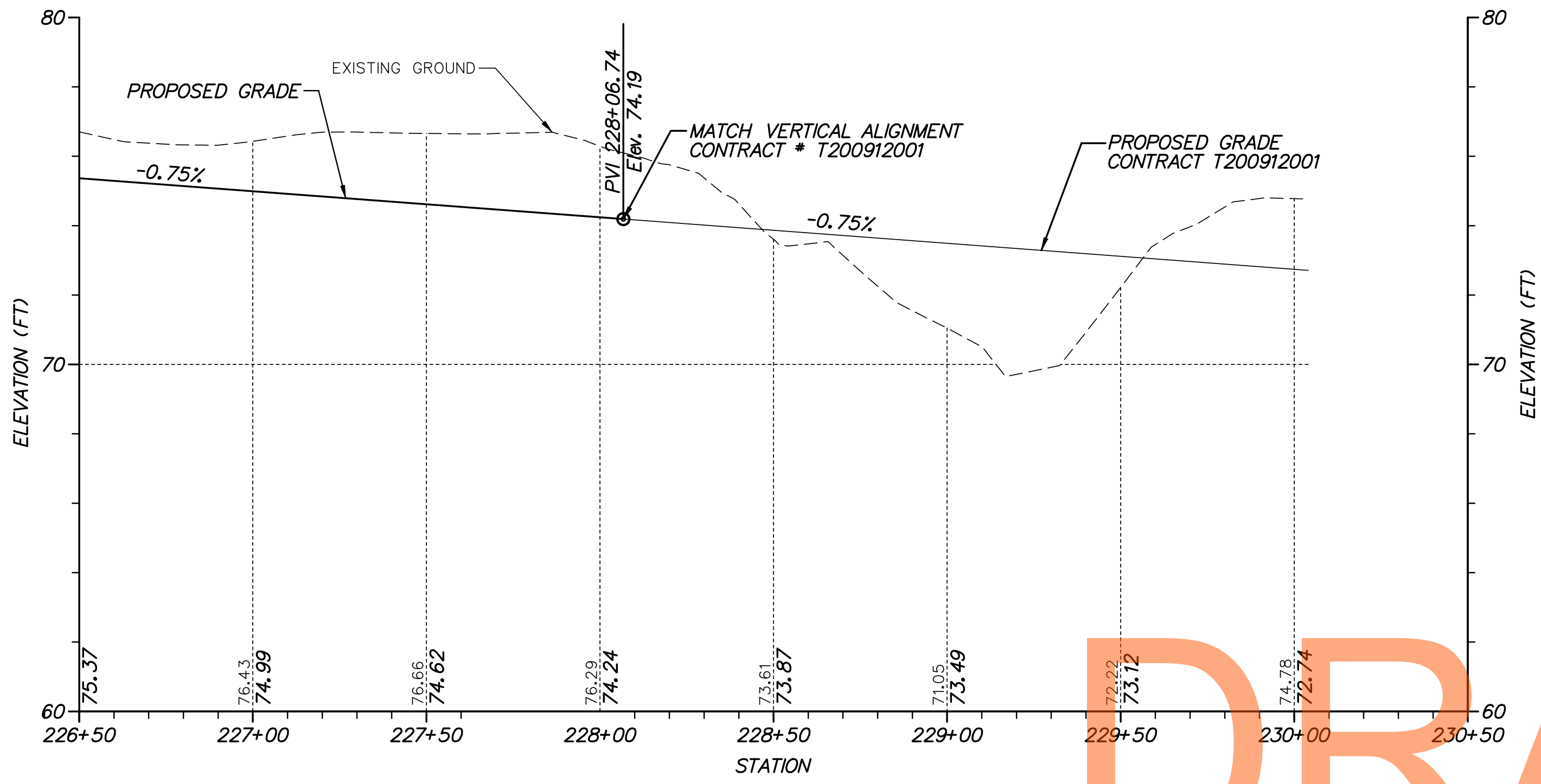


**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB CHECKED BY: TAO

PROFILES
SHEET NO. 158
TOTAL SHTS. 875

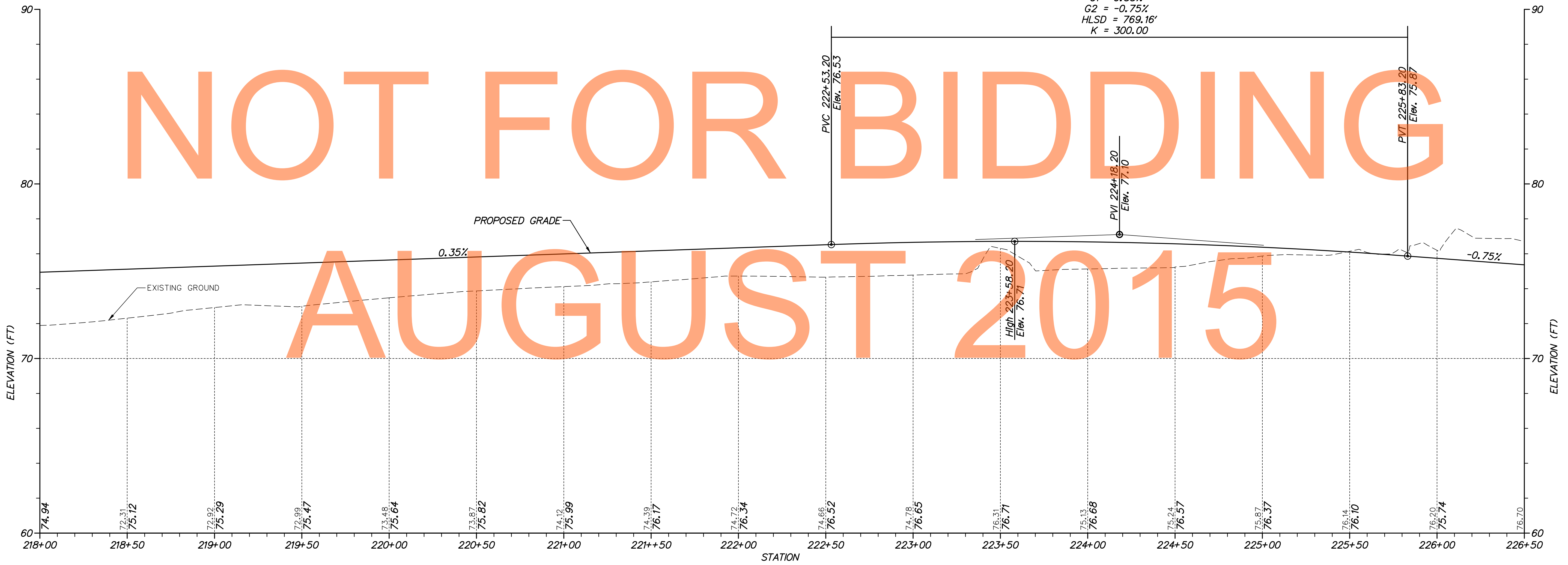
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RUNAROUND ROAD

DRAFT

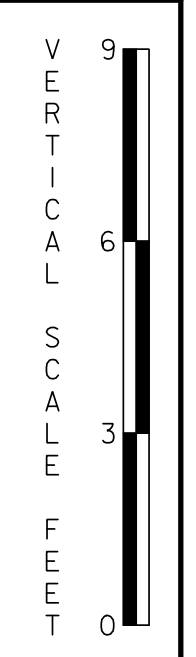
Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 330.00'
 L1 = 165.00'
 L2 = 165.00'
 G1 = 0.35%
 G2 = -0.75%
 HLSD = 769.16'
 K = 300.00



RUNAROUND ROAD

NOT FOR BIDDING

AUGUST 2015

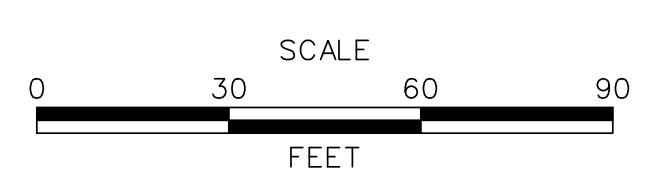


PF-48
SHEET NO. 159
TOTAL SHTS. 875

p:\1653-000\contract\1a\cadd\pfo48u30_1a.dgn
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ADDENDUMS / REVISIONS	



**US 301,
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SJB
	CHECKED BY: TAO

PROFILES