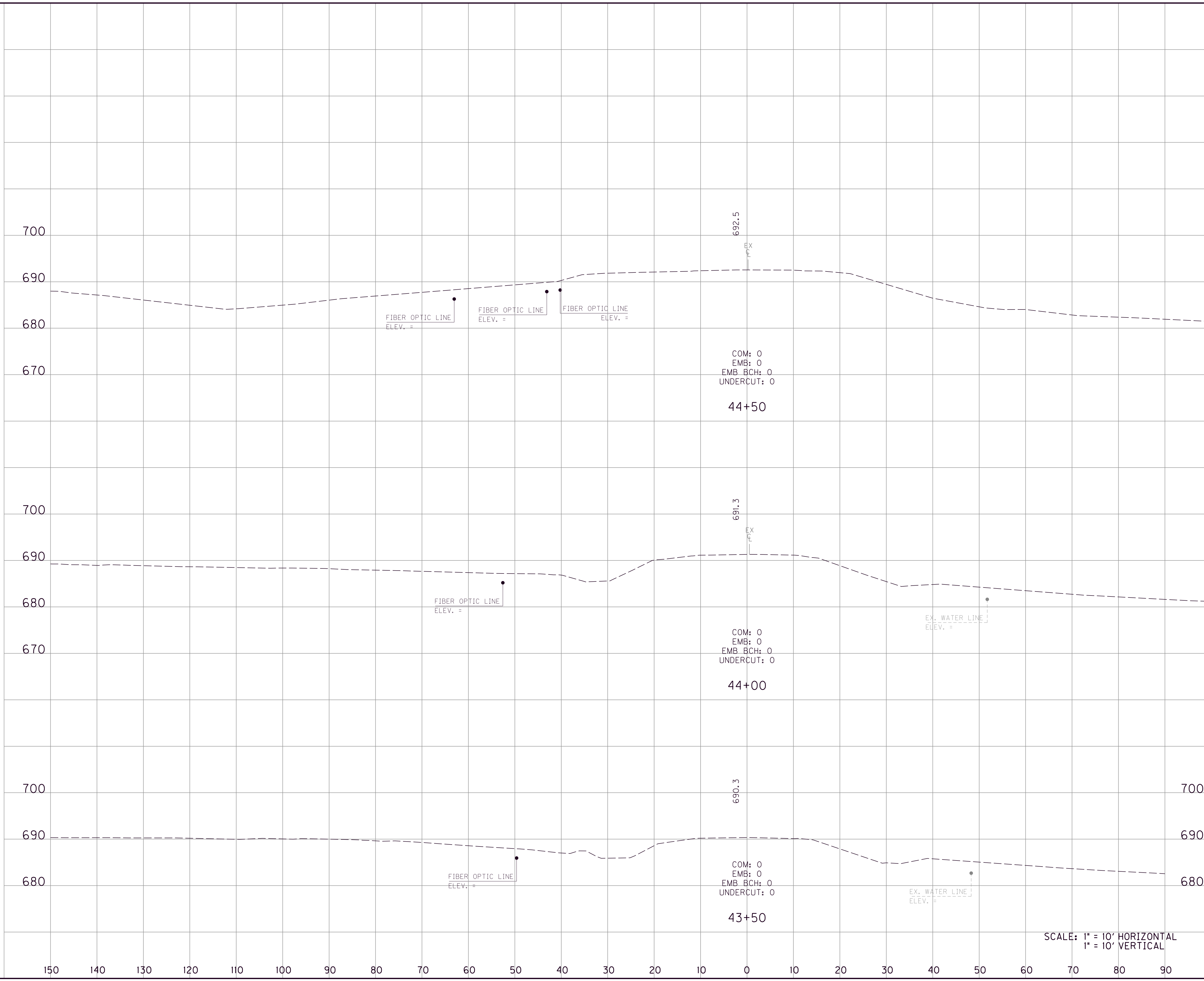


COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X1

COM	EMB	EMB BCH	UNDER CUT
0	0	0	0
0	0	0	0
0	0	0	0

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

DESIGNED BY: _____
 DATE SUBMITTED: _____

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
 COUNTY OF
GRAYSON

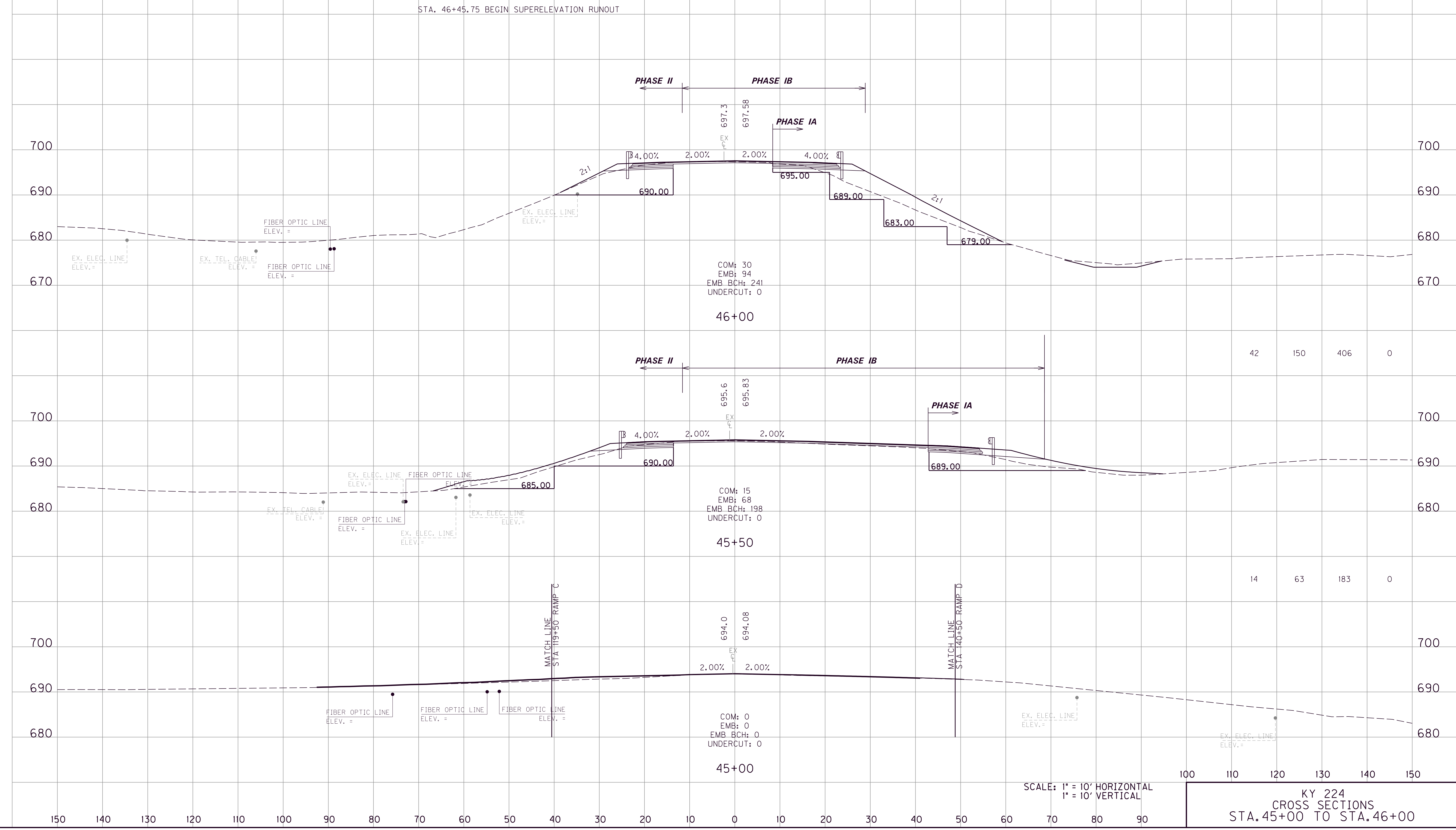
PROJECT: NHPP 9001 (014)
 NUMBERS: FD52 043 9001 III-115

KY 224
 CROSS SECTIONS
 STA. 43+50 TO STA. 44+50

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X2

COM	EMB	EMB BCH	UNDER CUT
65	340	375	0

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



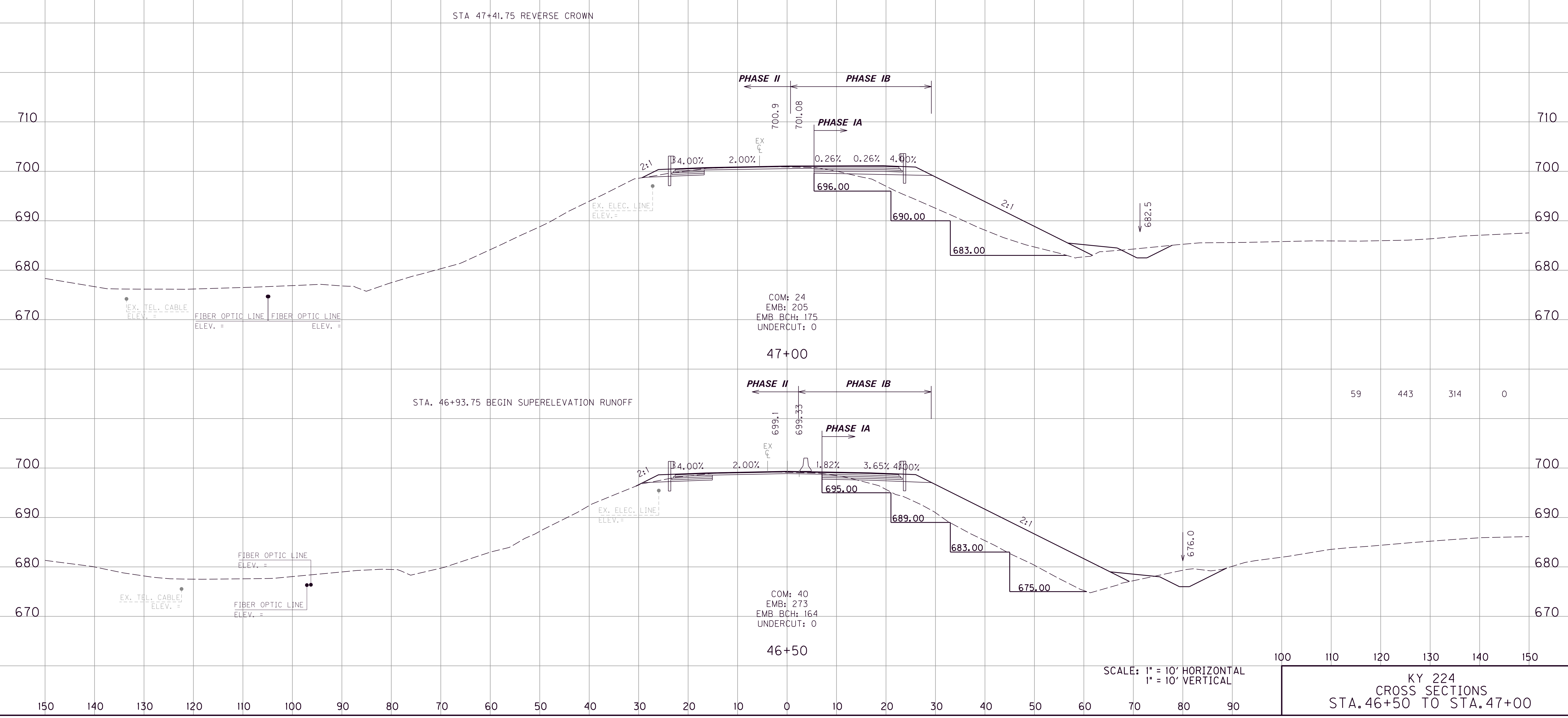
KY 224
 CROSS SECTIONS
 STA. 45+00 TO STA. 46+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X3

COM	EMB	EMB BCH	UNDER CUT
42	387	339	0

59	443	314	0
----	-----	-----	---

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



100 110 120 130 140 150

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

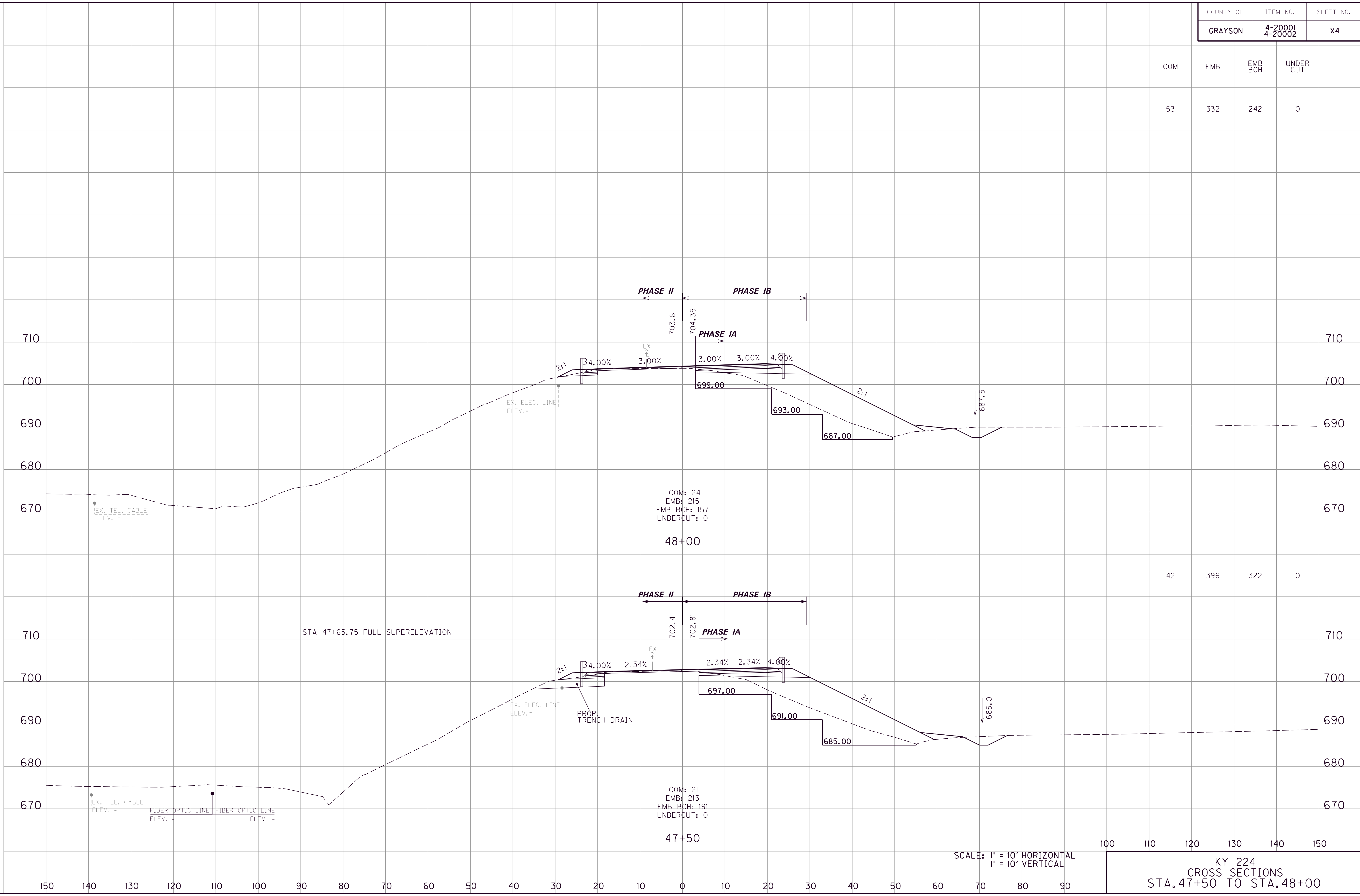
KY 224
CROSS SECTIONS
STA. 46+50 TO STA. 47+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X4

COM	EMB	EMB BCH	UNDER CUT
53	332	242	0

42	396	322	0
----	-----	-----	---

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



100 110 120 130 140 150

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

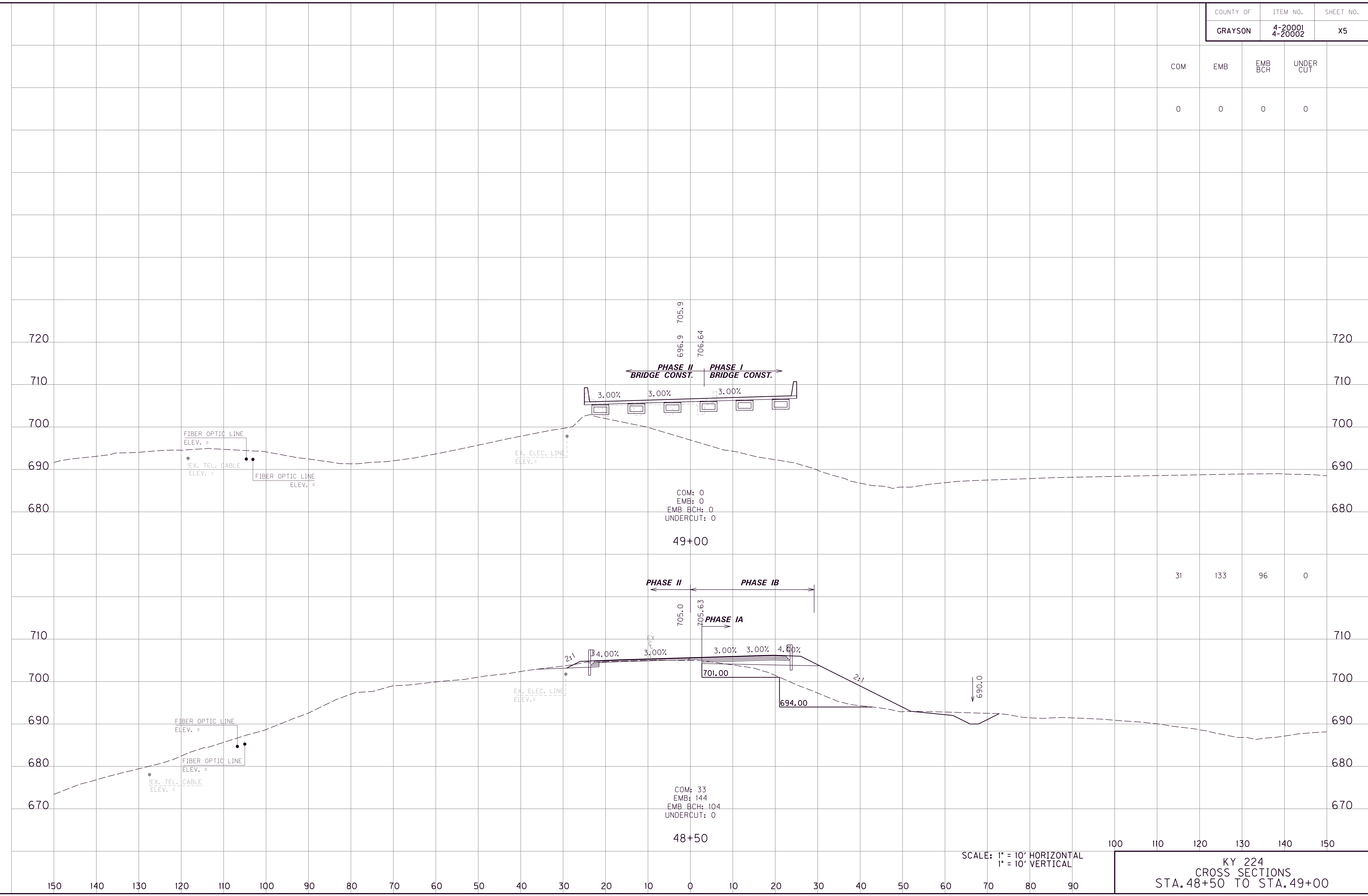
KY 224
CROSS SECTIONS
STA. 47+50 TO STA. 48+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X5

COM	EMB	EMB BCH	UNDER CUT
0	0	0	0

31	133	96	0
----	-----	----	---

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X6

COM	EMB	EMB BCH	UNDER CUT
0	0	0	0

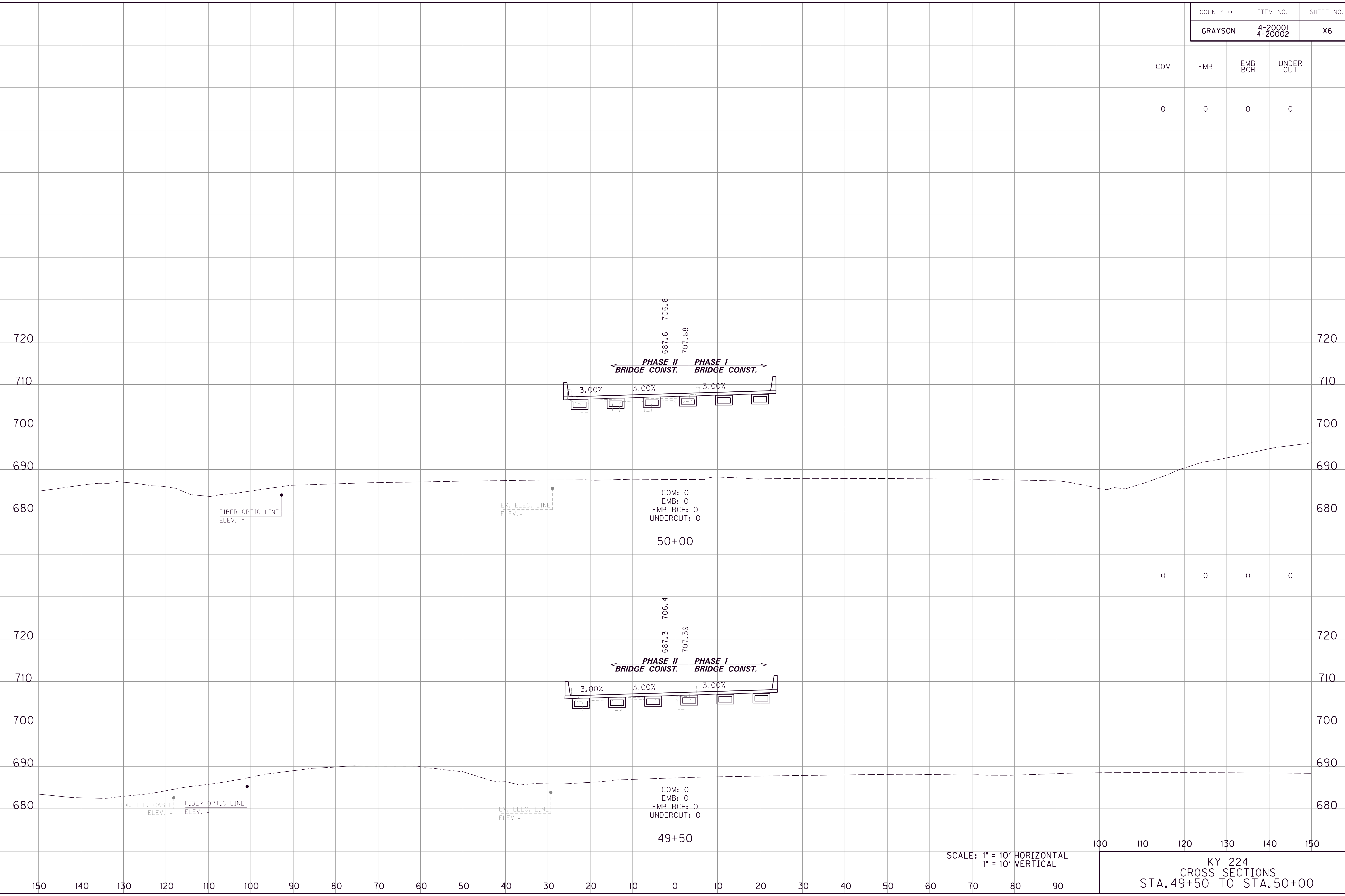
COM	EMB	EMB BCH	UNDER CUT
0	0	0	0

FILE NAME: G:\ENGR\VD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN

USER: phoward
DATE PLOTTED: March 7, 2022

E-SHEET NAME:

MicroStation v8.11.9.459



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

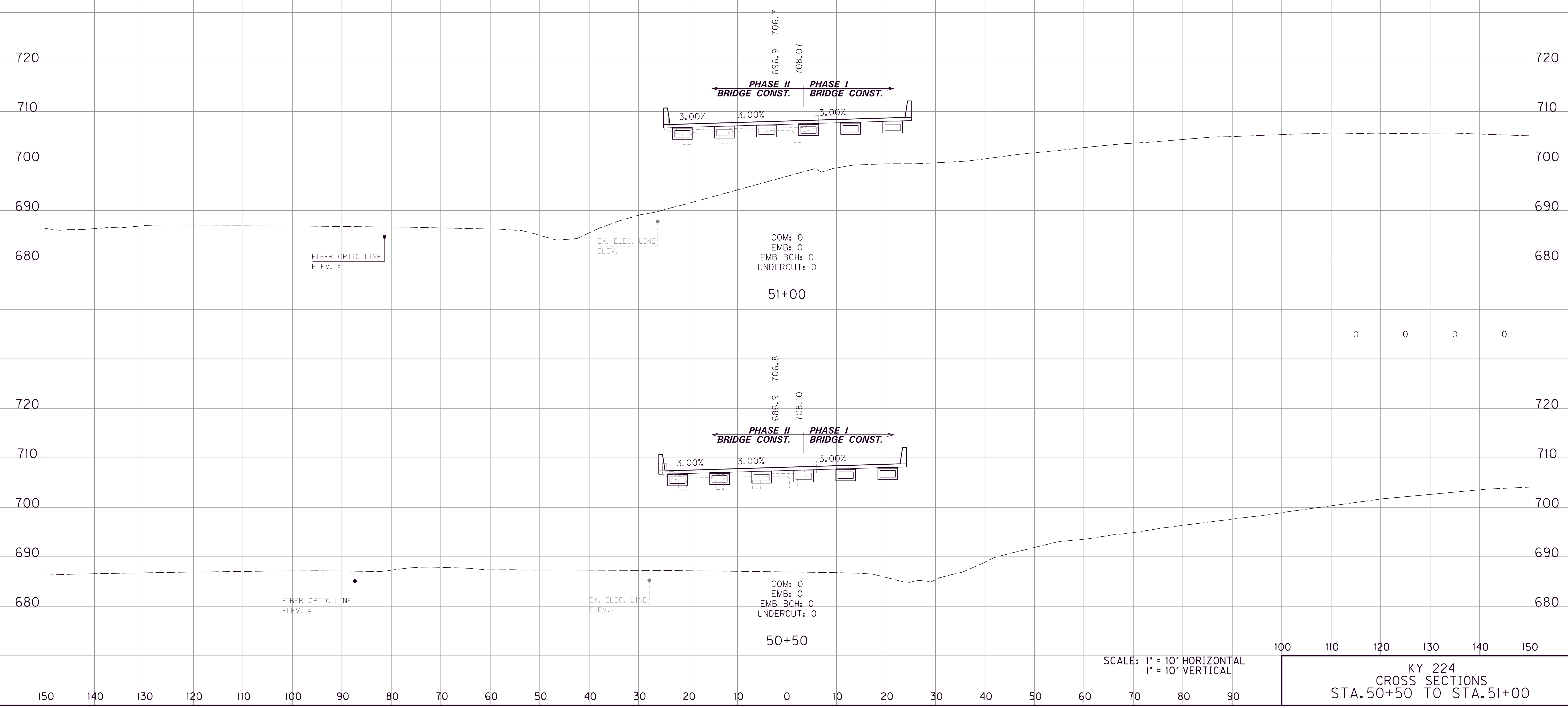
100 110 120 130 140 150

KY 224
CROSS SECTIONS
STA. 49+50 TO STA. 50+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X7

COM	EMB	EMB BCH	UNDER CUT
28	4	0	37

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

100 110 120 130 140 150

KY 224
CROSS SECTIONS
STA. 50+50 TO STA. 51+00

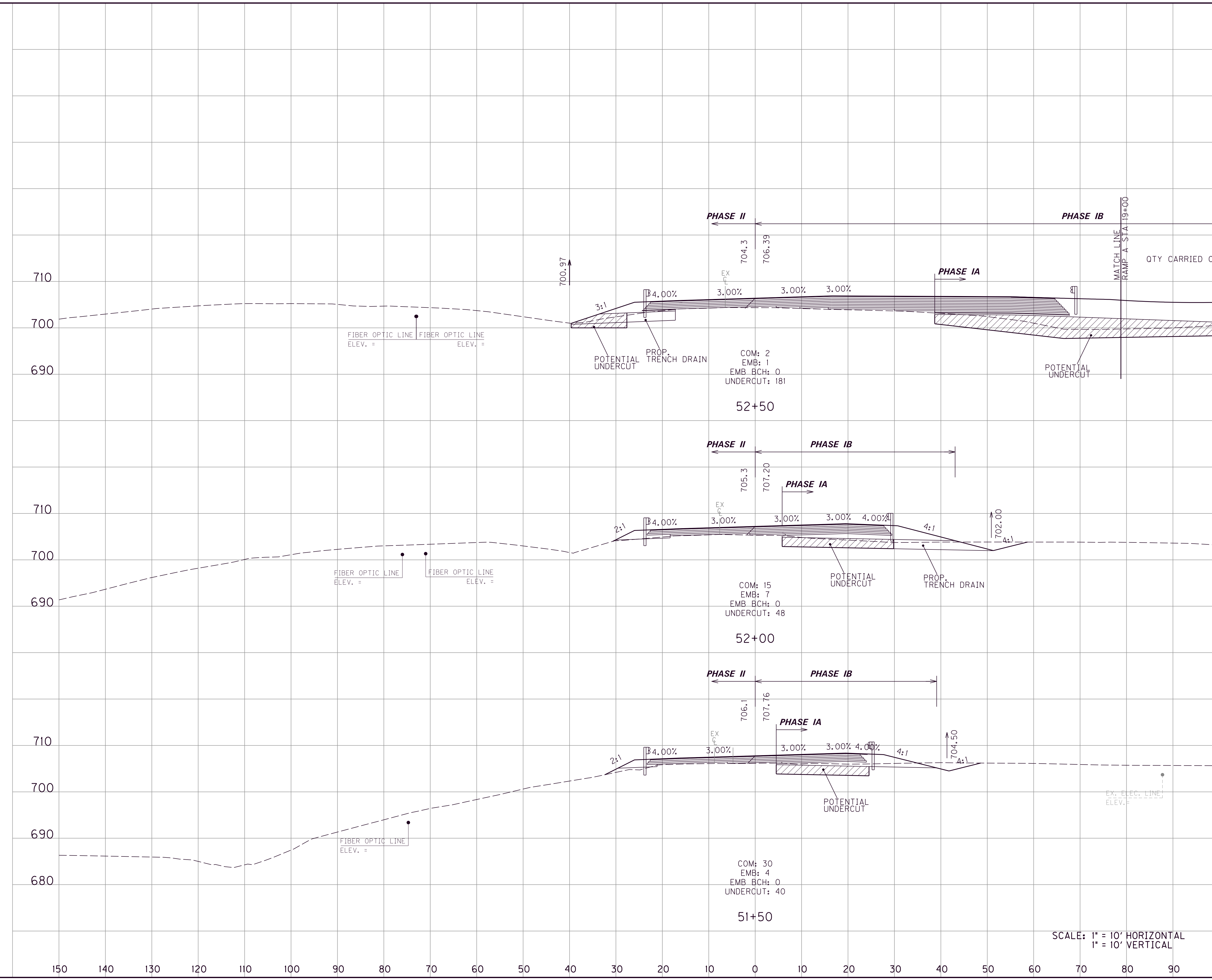
COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X8

COM	EMB	EMB BCH	UNDER CUT
4	1	0	168

COM	EMB	EMB BCH	UNDER CUT
16	7	0	212

COM	EMB	EMB BCH	UNDER CUT
42	10	0	81

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



100	110	120	130	140	150
KY 224 CROSS SECTIONS STA. 51+50 TO STA. 52+50					

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

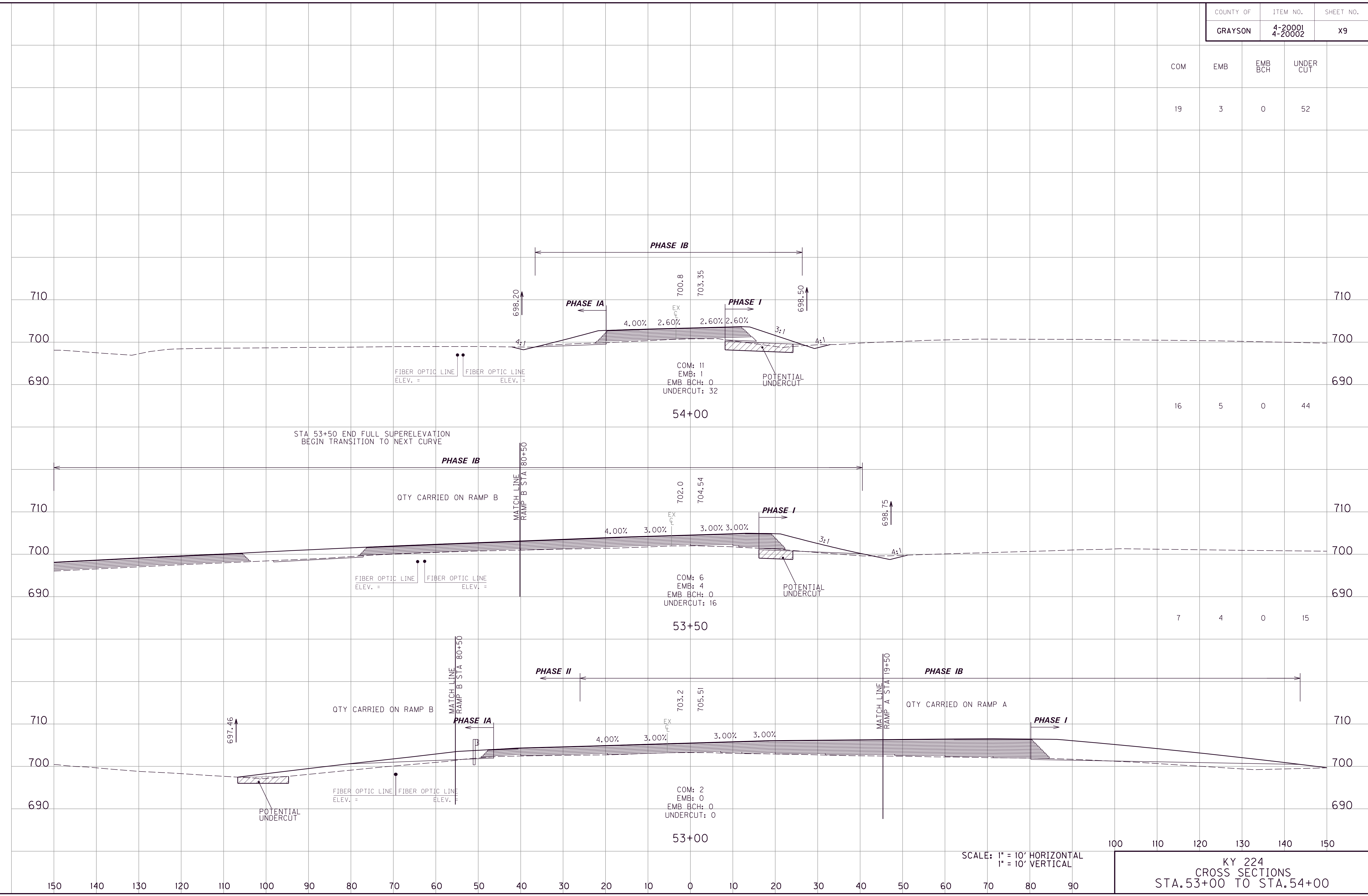
COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X9

COM	EMB	EMB BCH	UNDER CUT
19	3	0	52

16	5	0	44
----	---	---	----

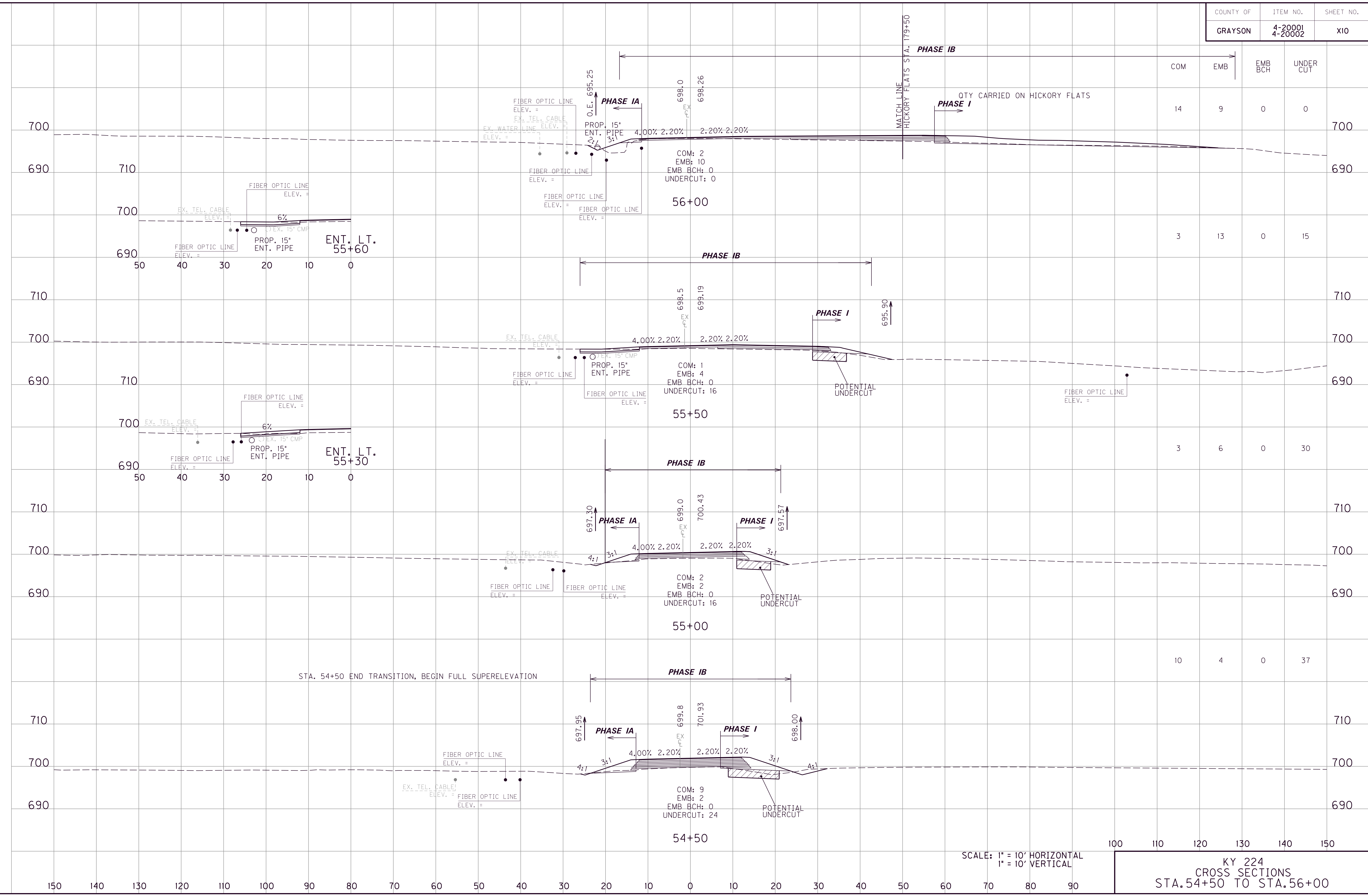
7	4	0	15
---	---	---	----

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



SCALE: 1" = 10' HORIZONTAL
 1" = 10' VERTICAL
 KY 224
 CROSS SECTIONS
 STA. 53+00 TO STA. 54+00

FILE NAME: G:\ENGR\VD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



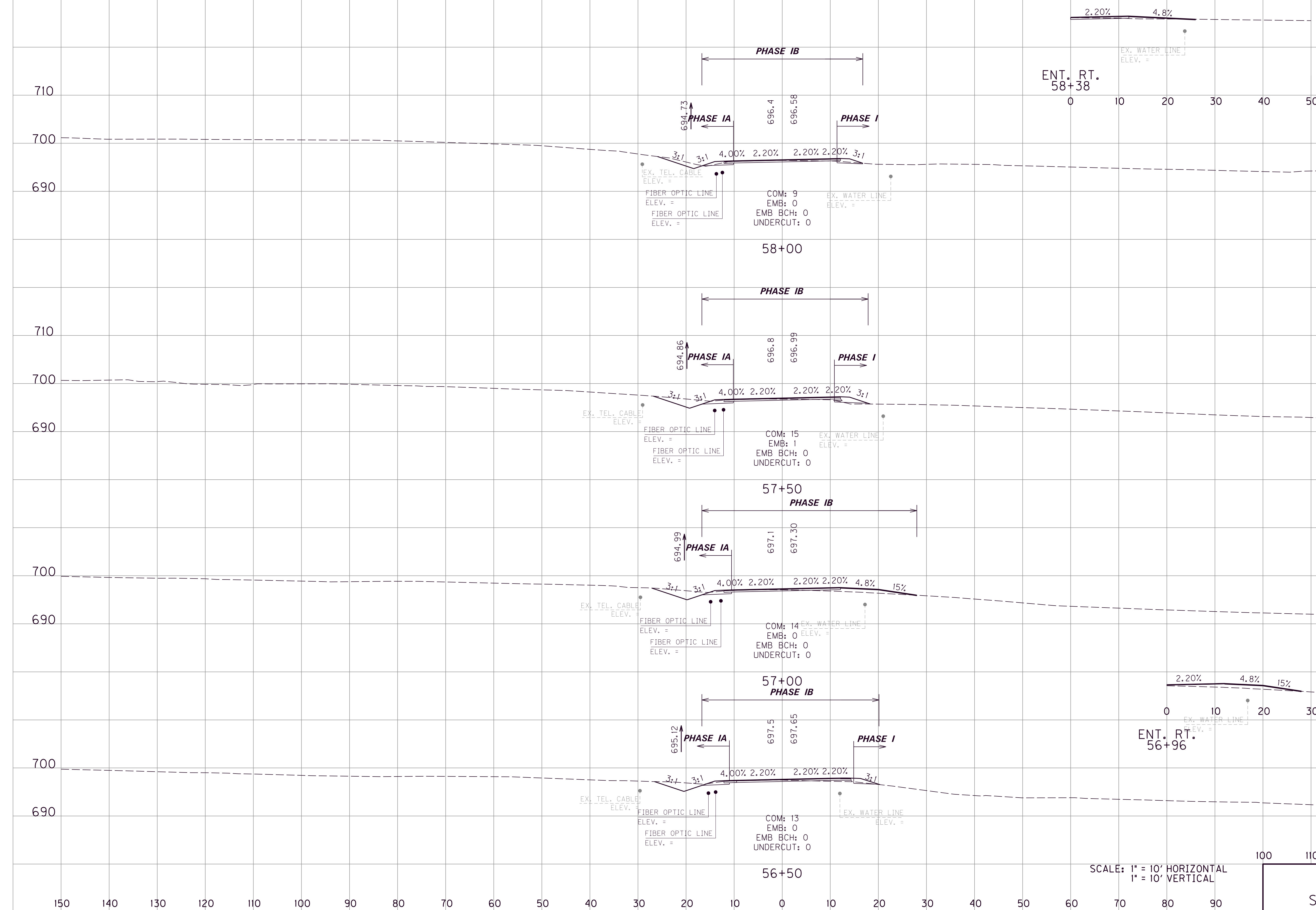
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 224
CROSS SECTIONS
STA. 54+50 TO STA. 56+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	XII

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459

COM	EMB	EMB BCH	UNDER CUT
700			
9	0	0	0
690			
22	1	0	0
27	1	0	0
700			
690			
700			
25	0	0	0
690			
100			
110			
120			
130			
140			
150			



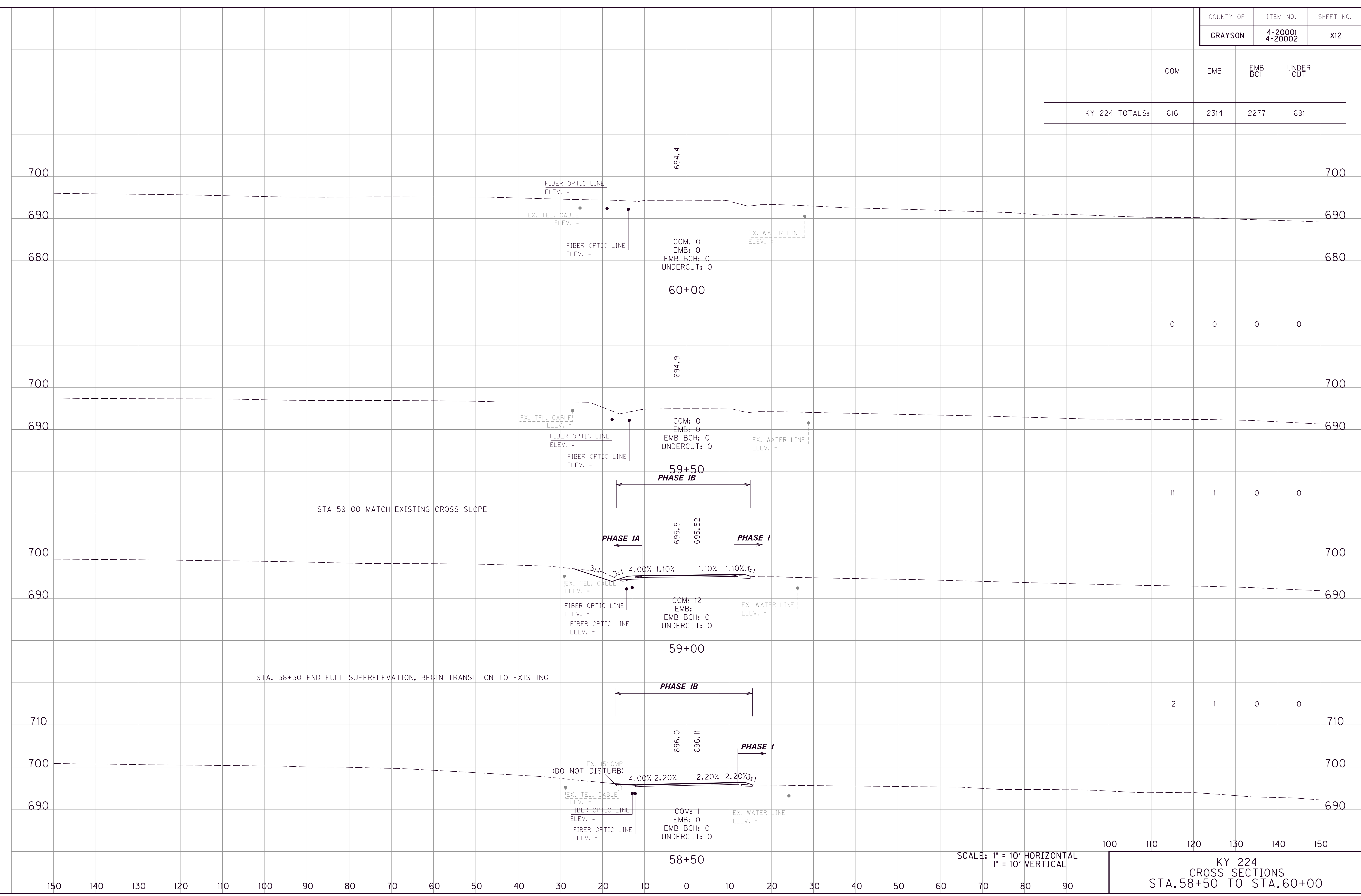
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 224
CROSS SECTIONS
STA. 56+50 TO STA. 58+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X12

COM	EMB	EMB BCH	UNDER CUT
616	2314	2277	691
KY 224 TOTALS:			

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



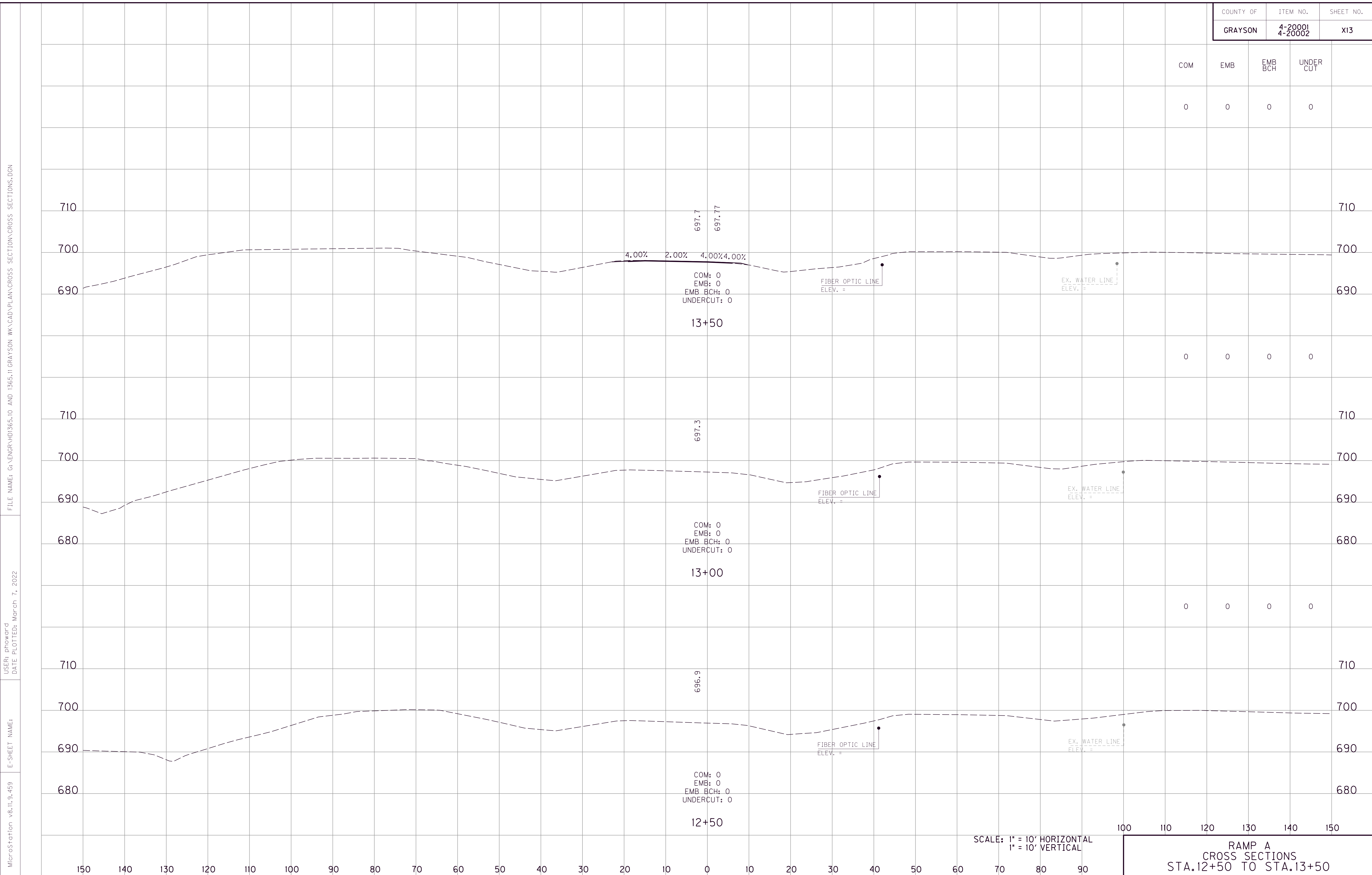
KY 224
CROSS SECTIONS
STA. 58+50 TO STA. 60+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X13

COM	EMB	EMB BCH	UNDER CUT
0	0	0	0

0	0	0	0
---	---	---	---

0	0	0	0
---	---	---	---



FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN

USER: phoward
DATE PLOTTED: March 7, 2022

E-SHEET NAME:

MicroStation v8.11.9.459

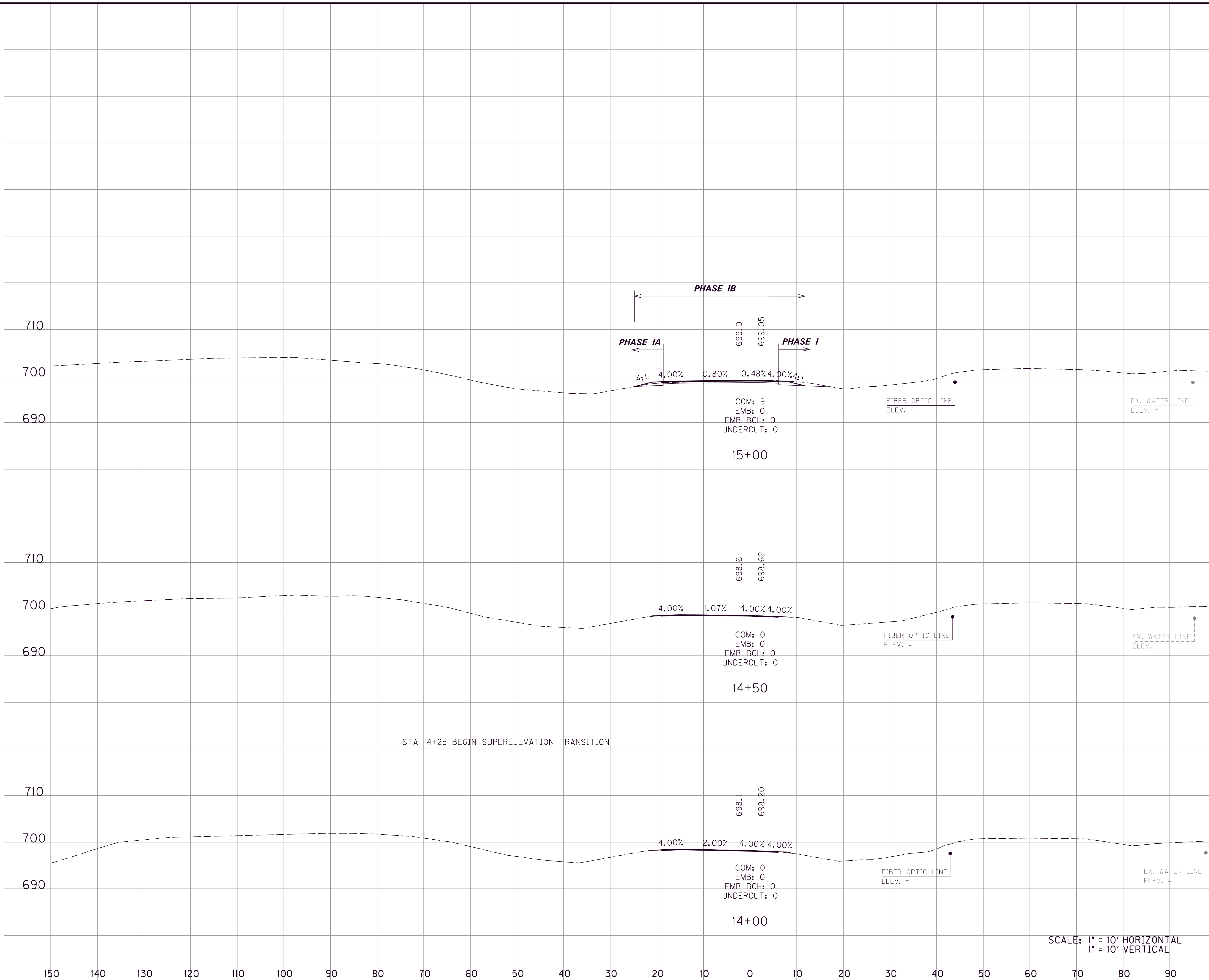
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

RAMP A
CROSS SECTIONS
STA. 12+50 TO STA. 13+50

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X14

COM	EMB	EMB BCH	UNDER CUT
14	1	0	0

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11\GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



100	110	120	130	140	150
-----	-----	-----	-----	-----	-----

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

RAMP A
CROSS SECTIONS
STA.14+00 TO STA.15+00

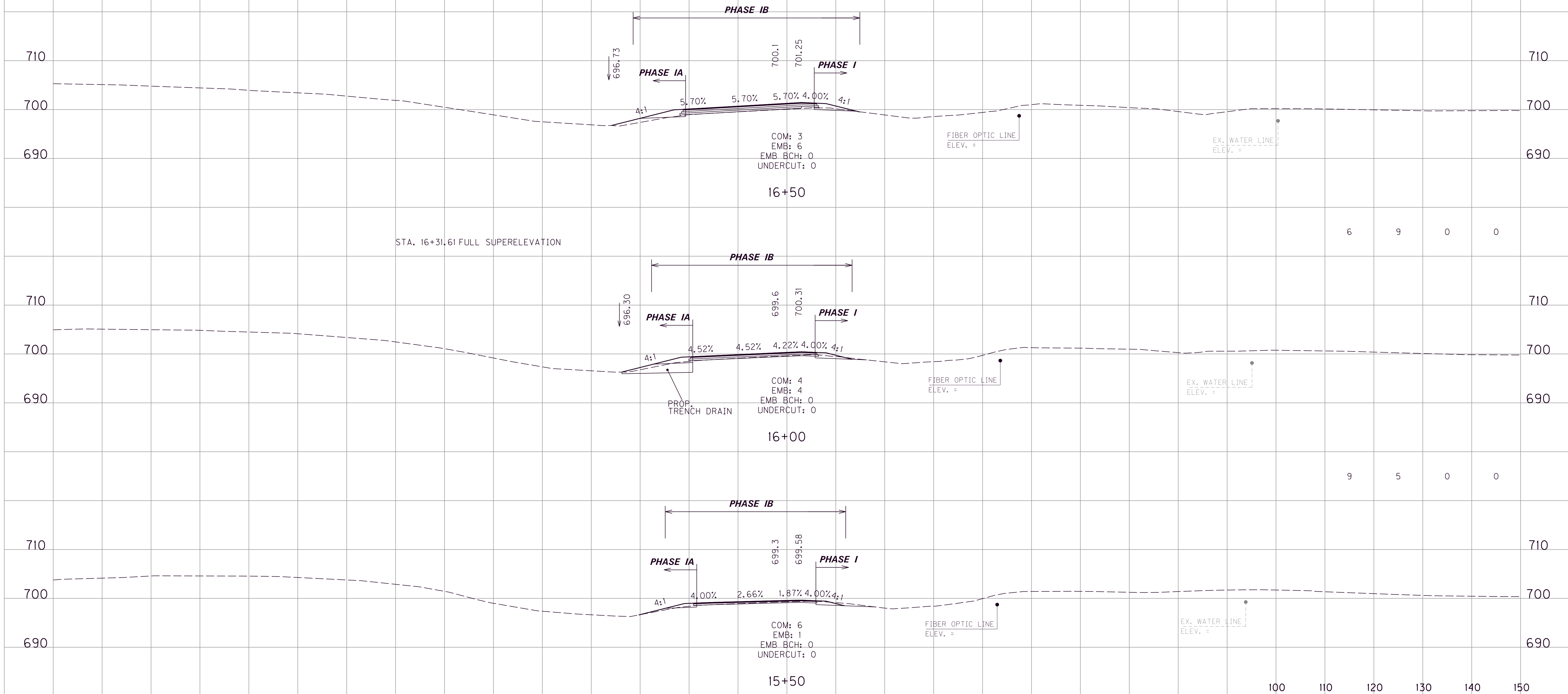
COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X15

COM	EMB	EMB BCH	UNDER CUT
6	15	0	0

6	9	0	0
---	---	---	---

9	5	0	0
---	---	---	---

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

100 110 120 130 140 150

RAMP A
CROSS SECTIONS
STA. 15+50 TO STA. 16+50

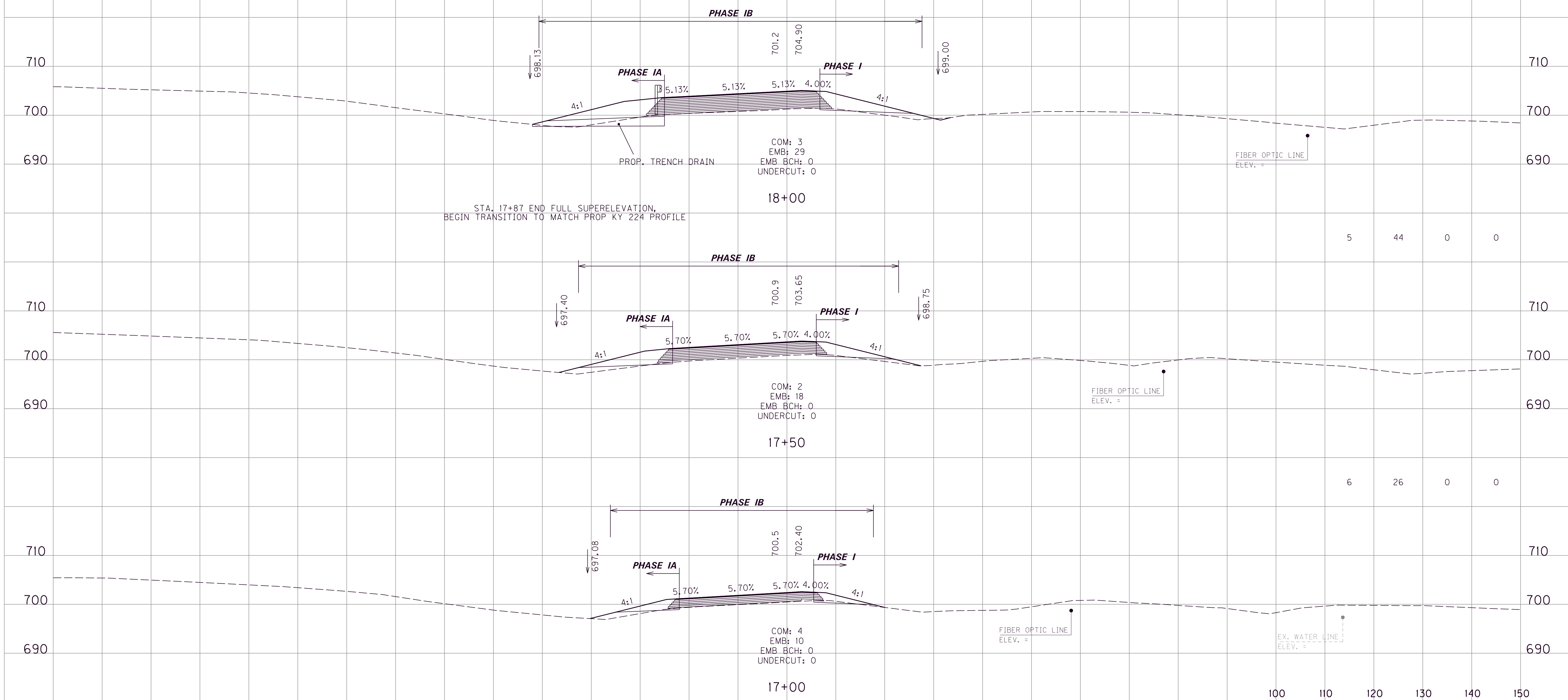
COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X16

COM	EMB	EMB BCH	UNDER CUT
6	69	0	0

5	44	0	0
---	----	---	---

6	26	0	0
---	----	---	---

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

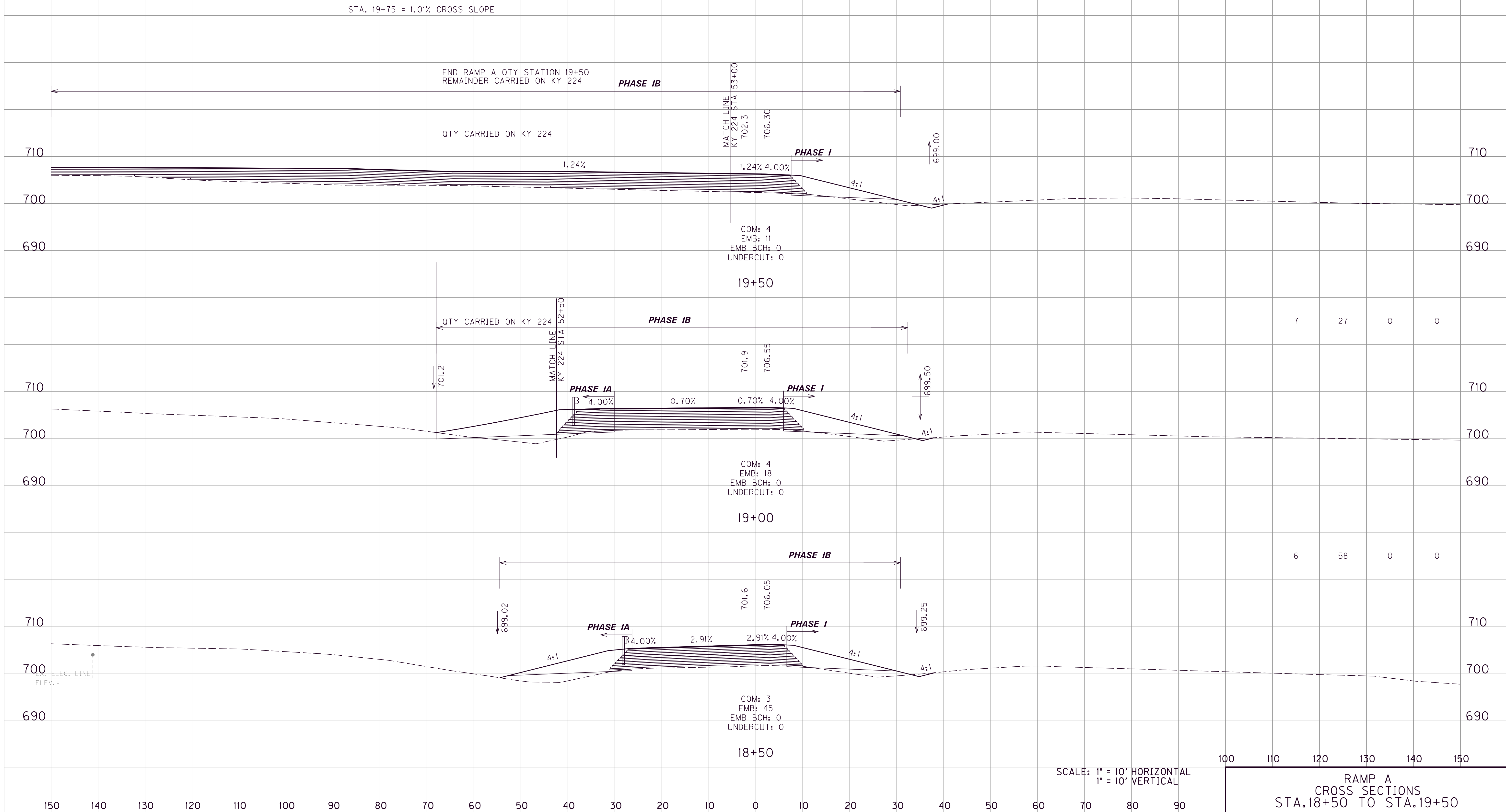
RAMP A
CROSS SECTIONS
STA. 17+00 TO STA. 18+00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X17

COM	EMB	EMB BCH	UNDER CUT
0	0	0	0

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



COM	EMB	EMB BCH	UNDER CUT
7	27	0	0

COM	EMB	EMB BCH	UNDER CUT
6	58	0	0

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X18

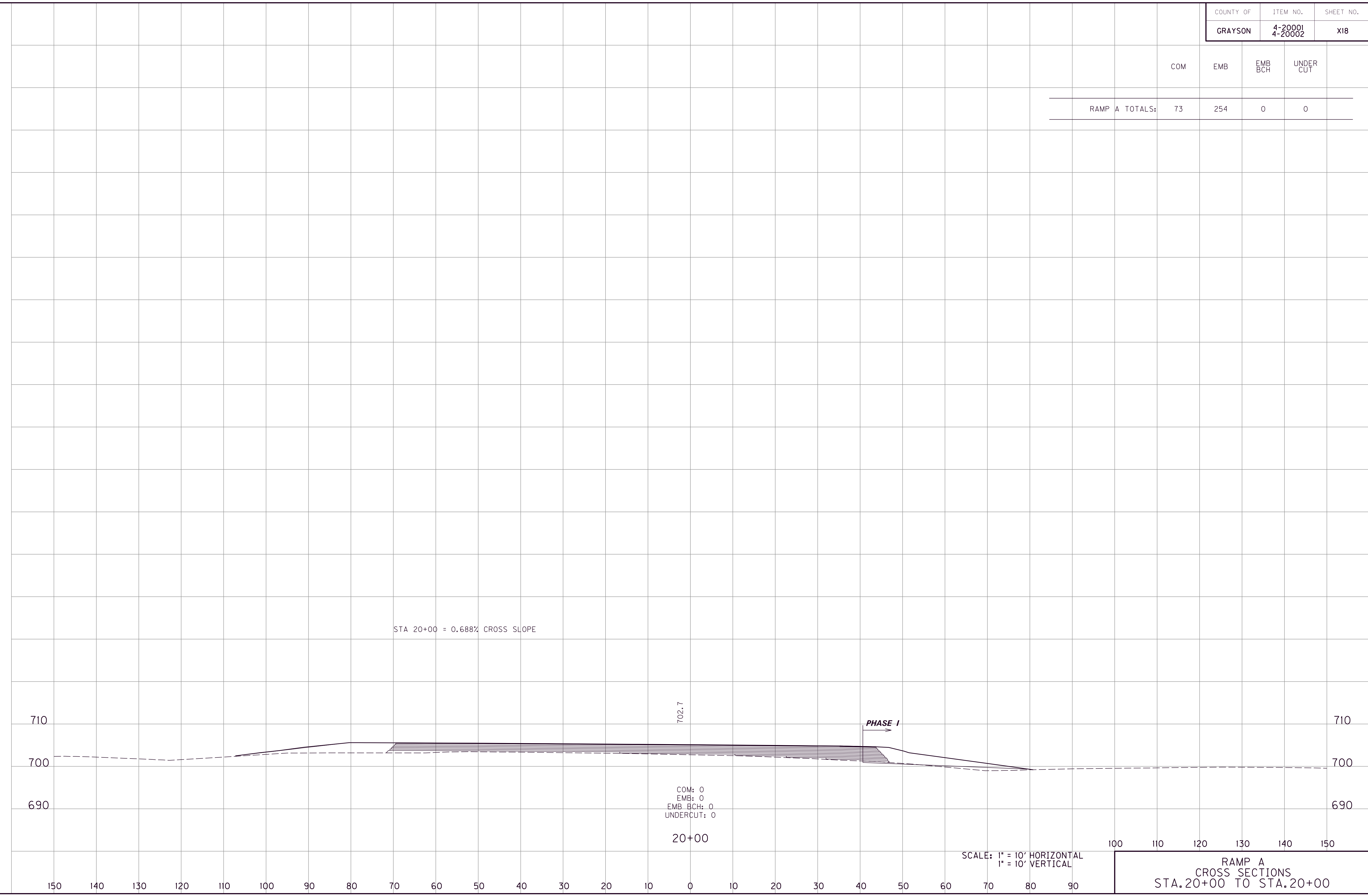
	COM	EMB	EMB BCH	UNDER CUT
RAMP A TOTALS:	73	254	0	0

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN

USER: phoward
DATE PLOTTED: March 7, 2022

E-SHEET NAME:

MicroStation v8.11.9.459



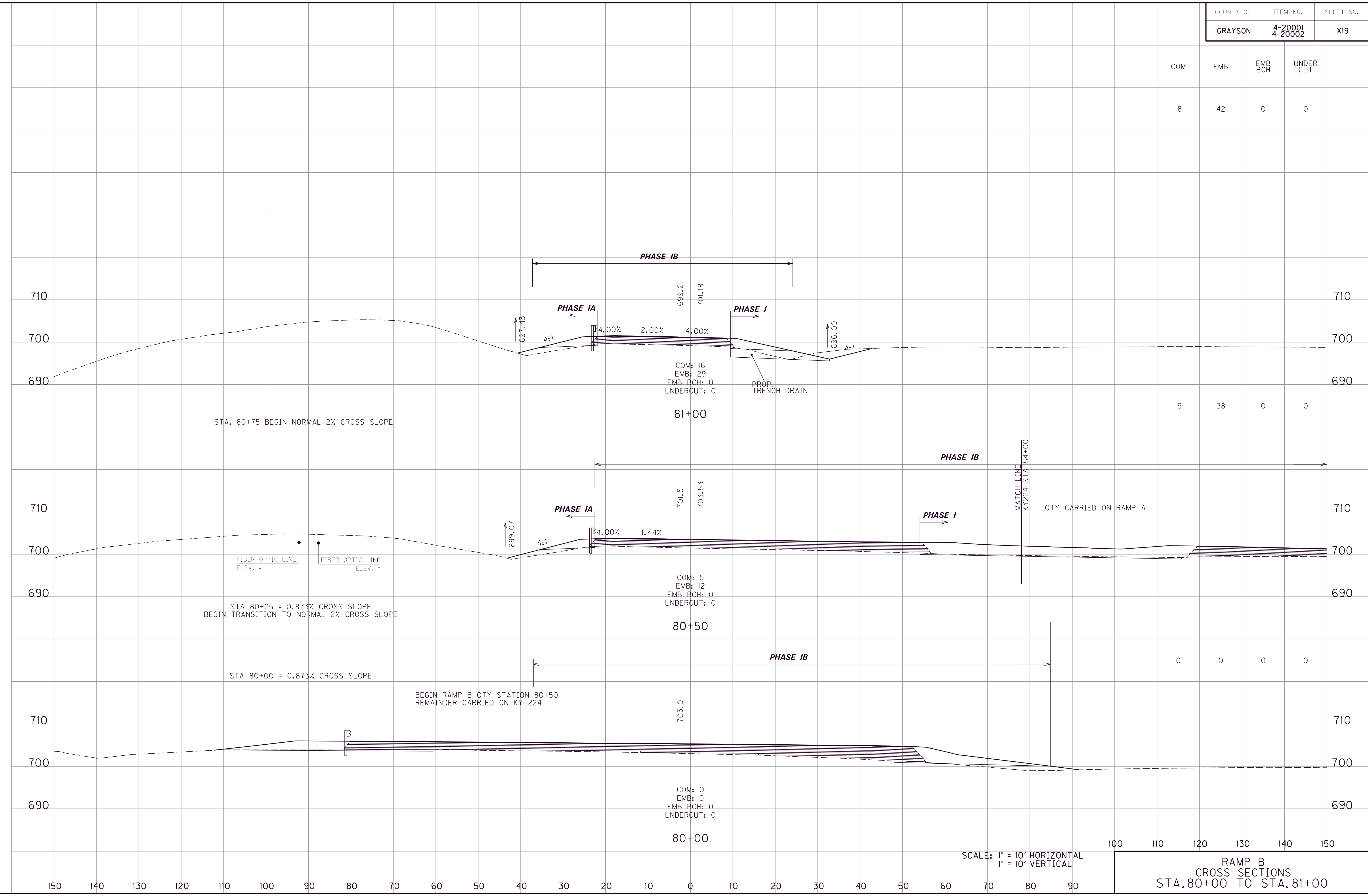
COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X19

COM	EMB	EMB BCH	UNDER CUT
18	42	0	0

19	38	0	0
----	----	---	---

0	0	0	0
---	---	---	---

FILE NAME: G:\ENGR\VD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

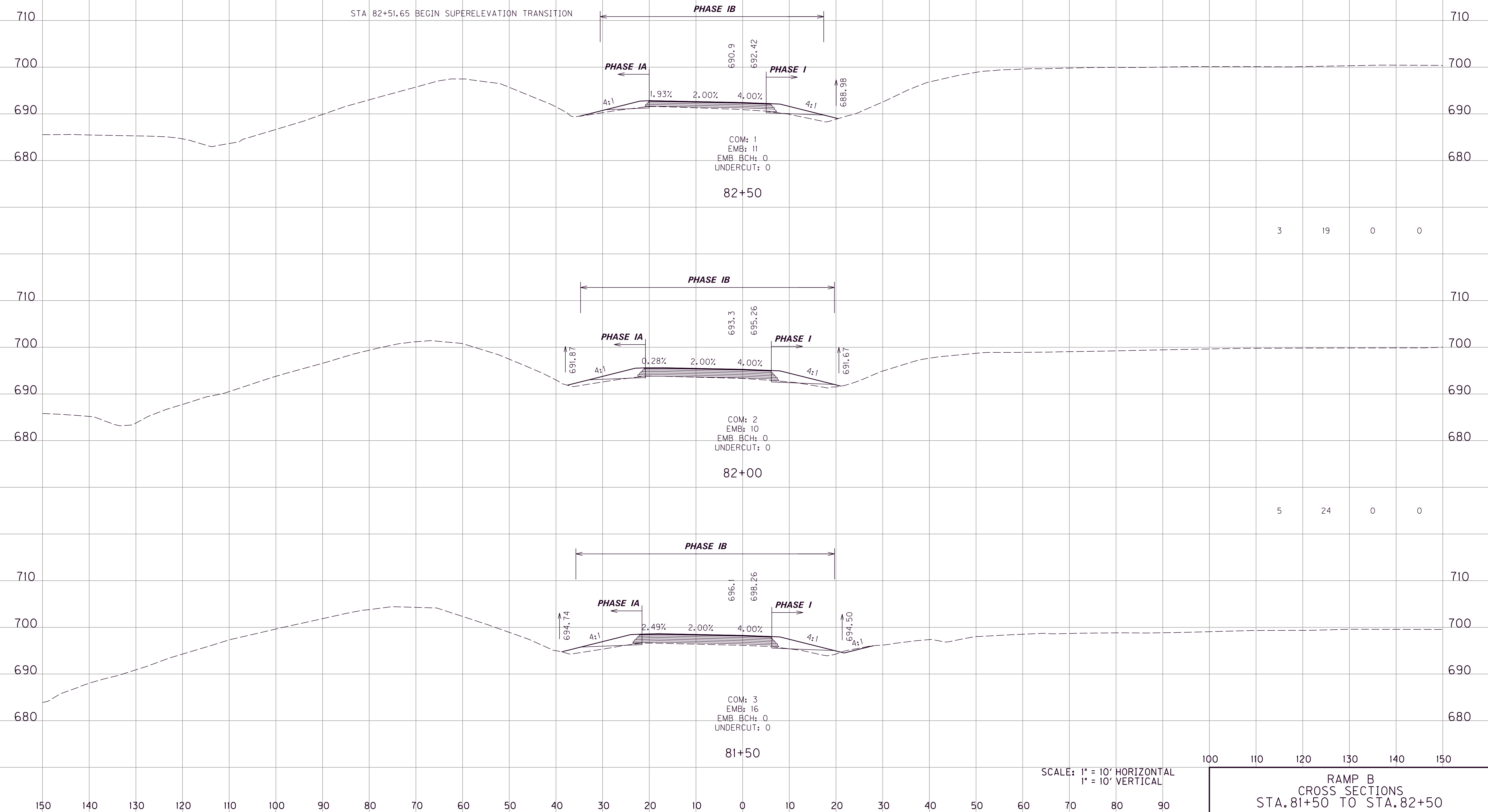
100 110 120 130 140 150
 RAMP B
 CROSS SECTIONS
 STA. 80+00 TO STA. 81+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X20

COM	EMB	EMB BCH	UNDER CUT
2	18	0	0

3	19	0	0
---	----	---	---

5	24	0	0
---	----	---	---



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

100 110 120 130 140 150

RAMP B
CROSS SECTIONS
STA. 81+50 TO STA. 82+50

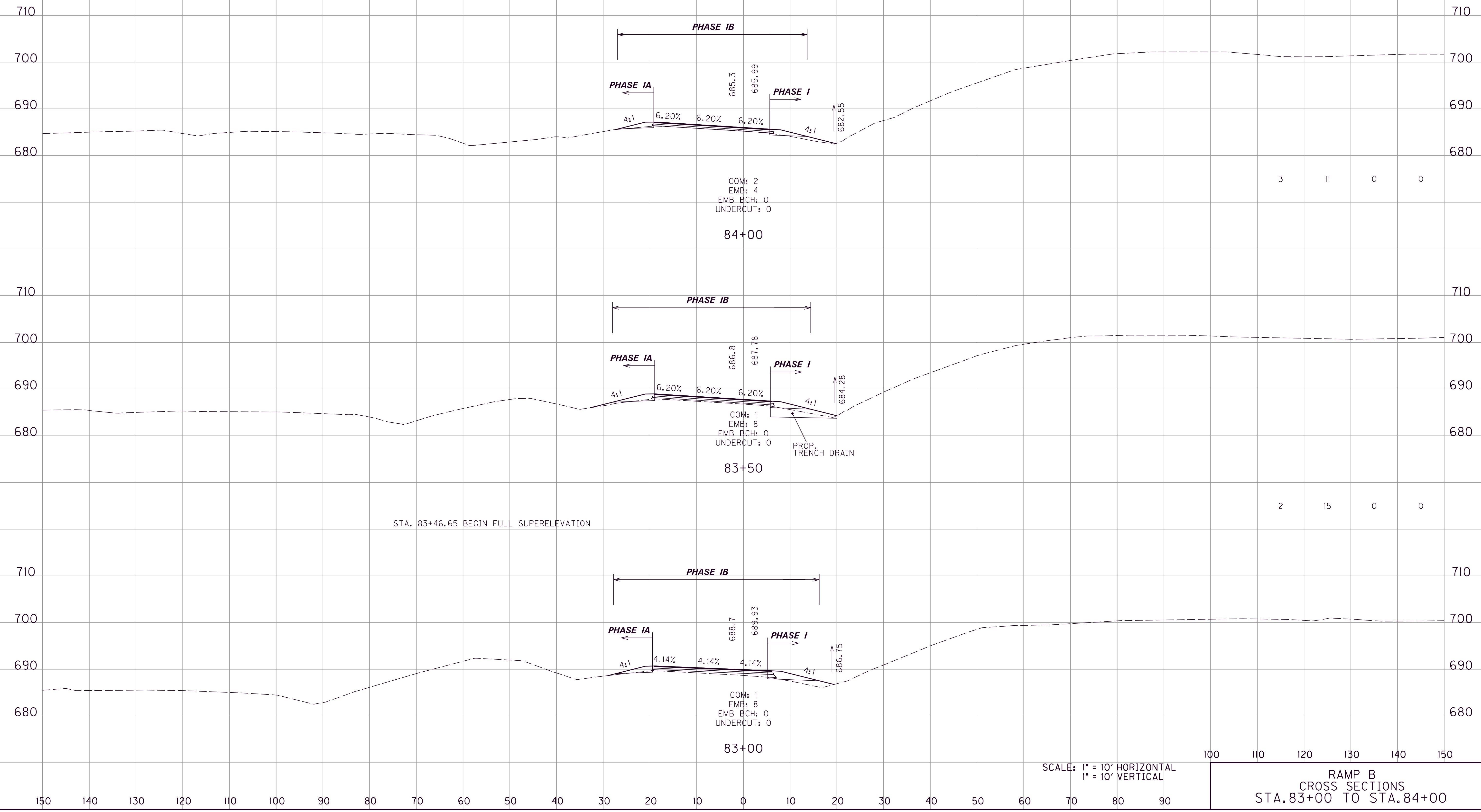
FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X21

COM	EMB	EMB BCH	UNDER CUT
5	4	0	0

COM	EMB	EMB BCH	UNDER CUT
3	11	0	0

COM	EMB	EMB BCH	UNDER CUT
2	15	0	0



COM: 2
EMB: 4
EMB BCH: 0
UNDERCUT: 0

COM: 1
EMB: 8
EMB BCH: 0
UNDERCUT: 0

COM: 1
EMB: 8
EMB BCH: 0
UNDERCUT: 0

PROP
TRENCH DRAIN

STA. 83+46.65 BEGIN FULL SUPERELEVATION

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

RAMP B
CROSS SECTIONS
STA. 83+00 TO STA. 84+00

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X22

COM	EMB	EMB BCH	UNDER CUT
4	0	0	0

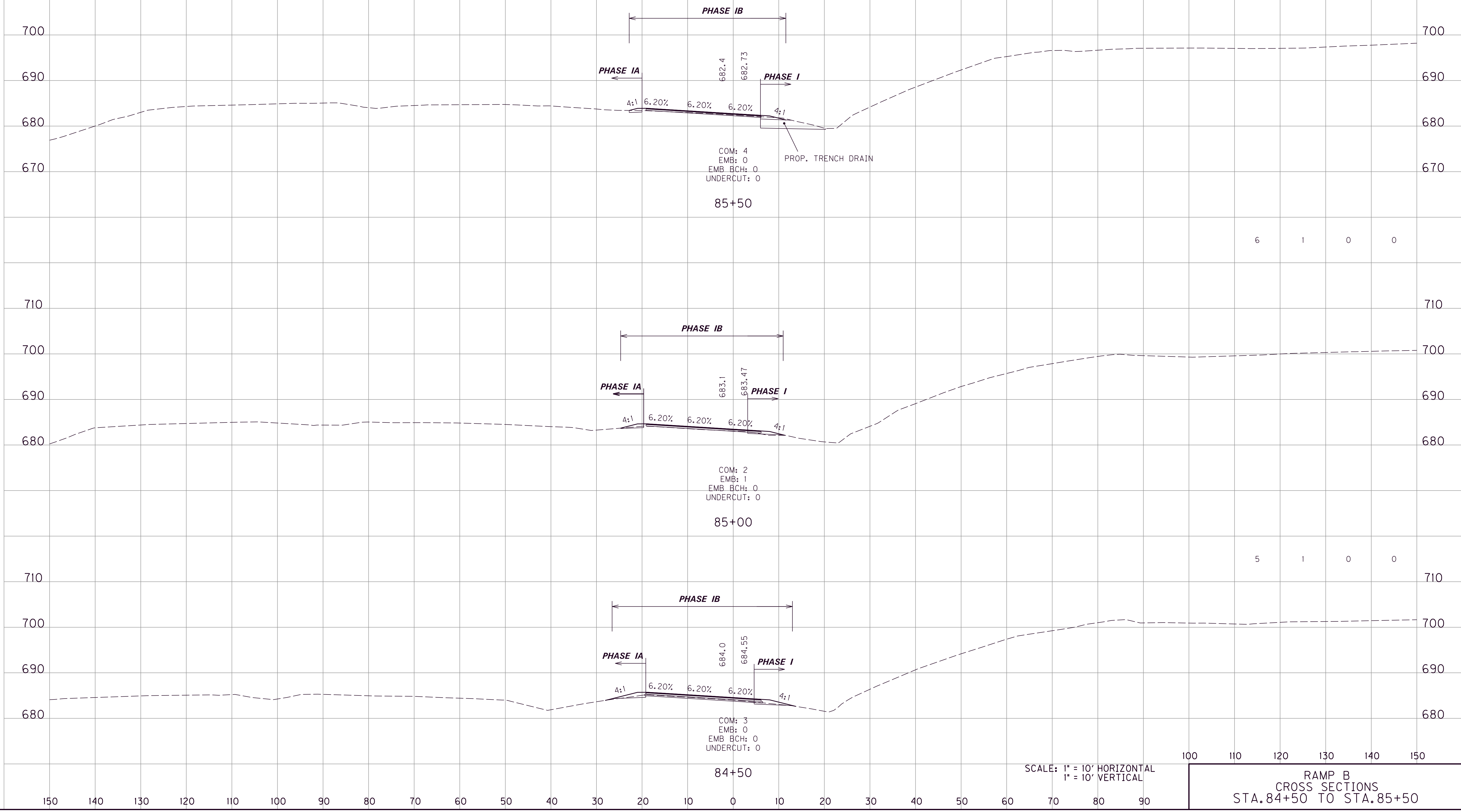
6	1	0	0
---	---	---	---

5	1	0	0
---	---	---	---

100 110 120 130 140 150

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

RAMP B
CROSS SECTIONS
STA. 84+50 TO STA. 85+50



FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN

USER: phoward
DATE PLOTTED: March 7, 2022

E-SHEET NAME:

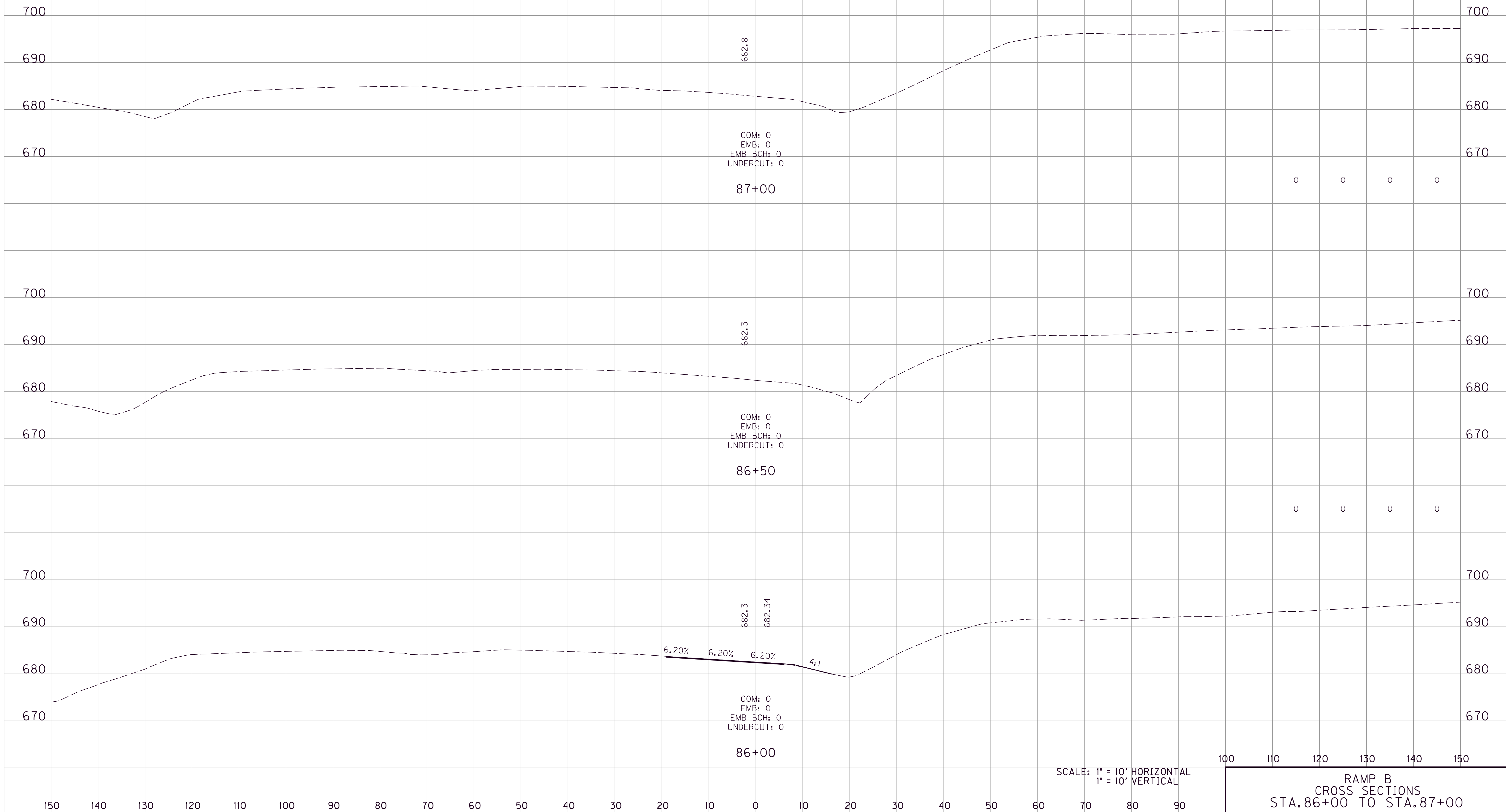
MicroStation v8.11.9.459

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X23

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459

	COM	EMB	EMB BCH	UNDER CUT
RAMP B TOTALS:	72	173	0	0



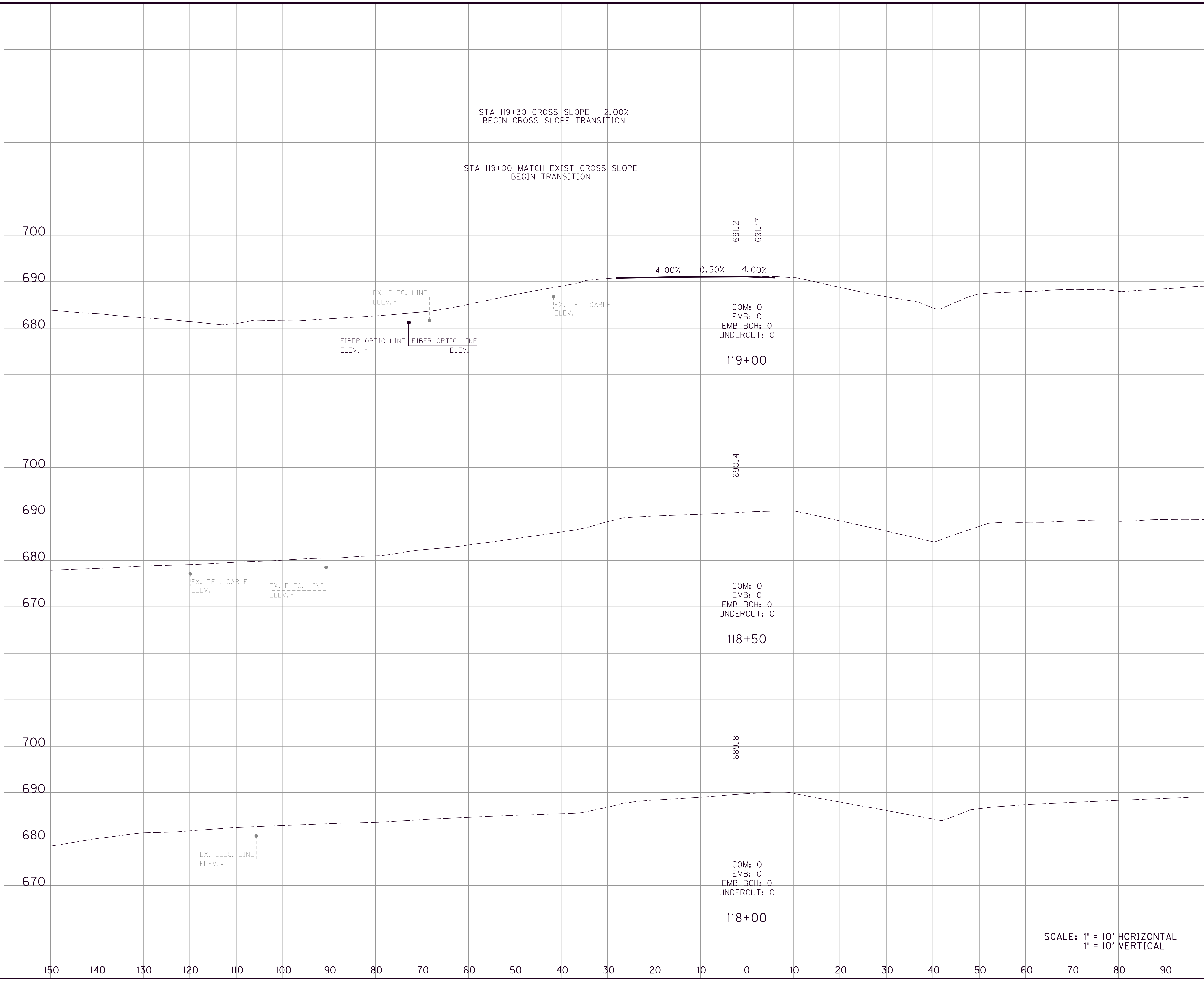
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

100 110 120 130 140 150
 RAMP B
 CROSS SECTIONS
 STA. 86+00 TO STA. 87+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X24

COM	EMB	EMB BCH	UNDER CUT
4	0	0	0

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459

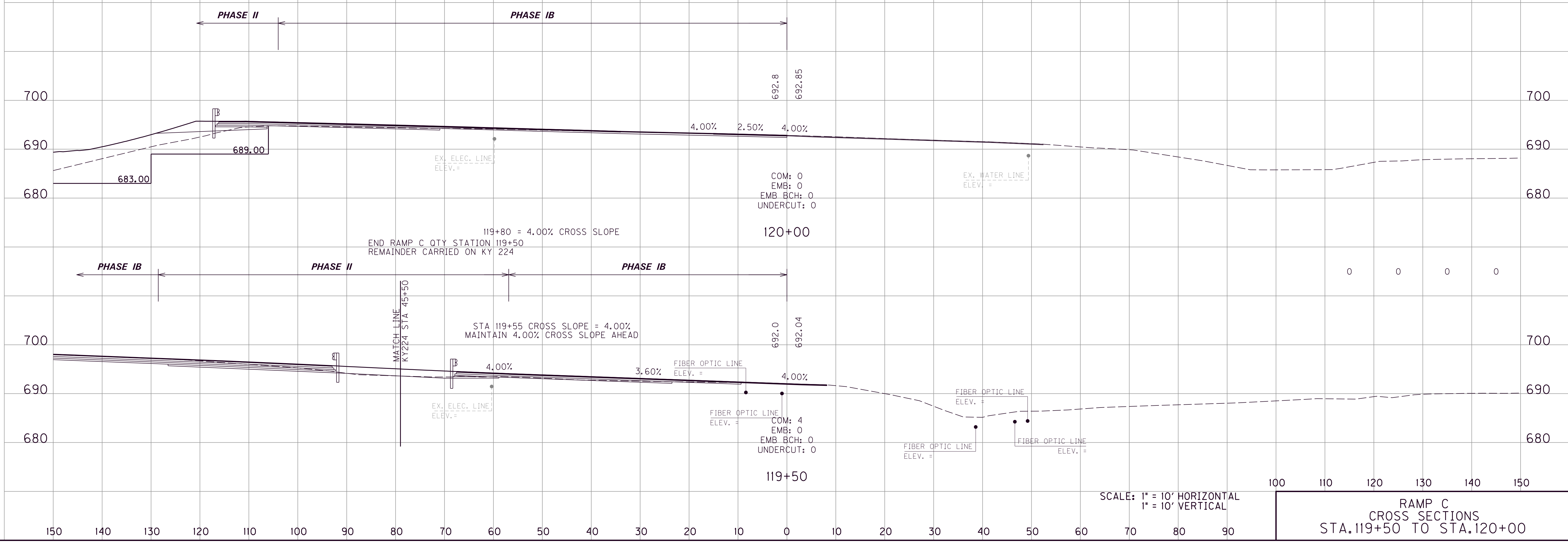


100 110 120 130 140 150
 SCALE: 1" = 10' HORIZONTAL
 1" = 10' VERTICAL
 RAMP C
 CROSS SECTIONS
 STA. 118+00 TO STA. 119+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X25

	COM	EMB	EMB BCH	UNDER CUT
RAMP C TOTALS:	4	0	0	0

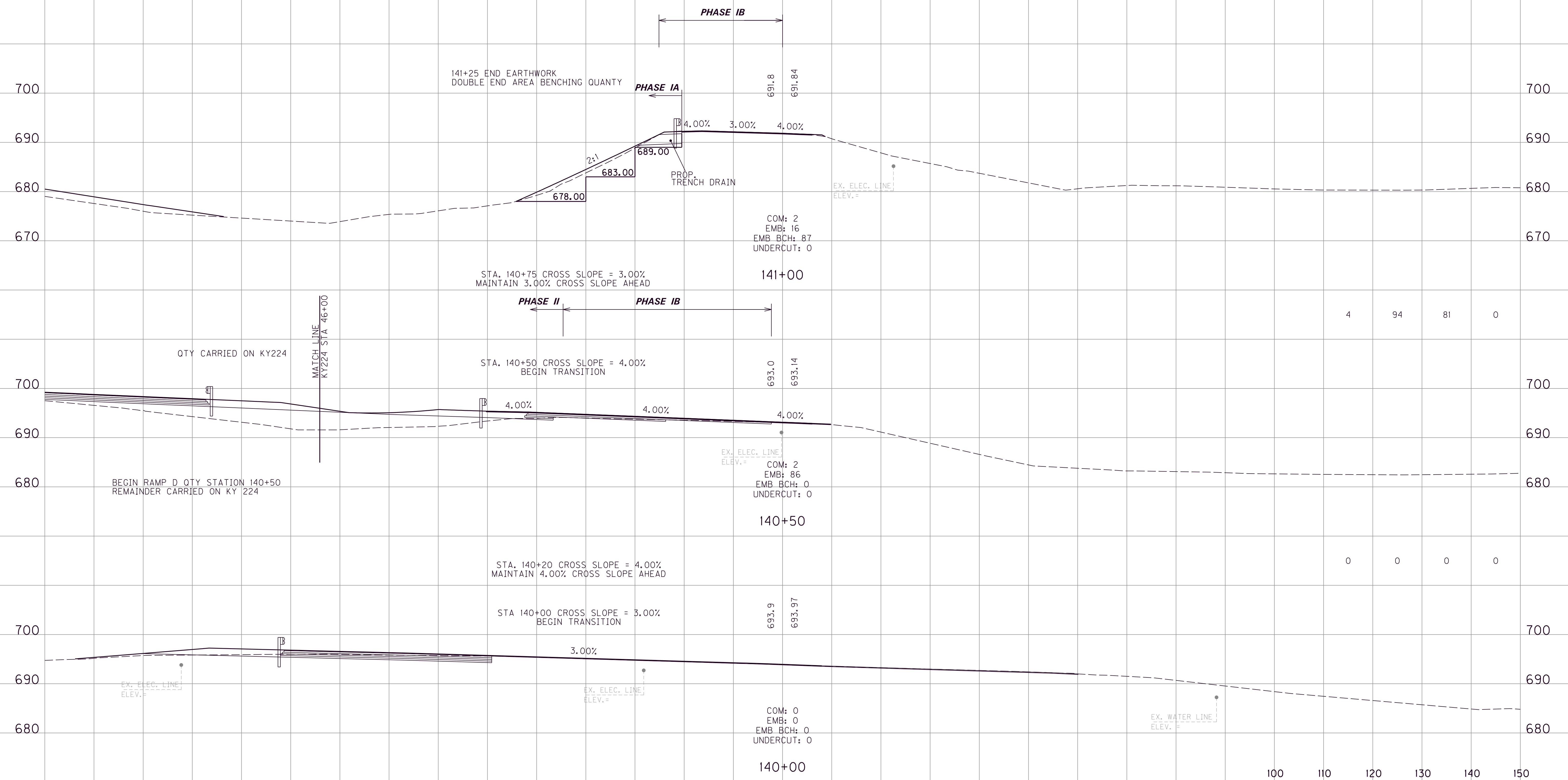
FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



COM	EMB	EMB BCH	UNDER CUT
1	7	81	0

4	94	81	0
---	----	----	---

0	0	0	0
---	---	---	---



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

RAMP D
CROSS SECTIONS
STA. 140+00 TO STA. 141+00

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN

USER: phoward
DATE PLOTTED: March 7, 2022

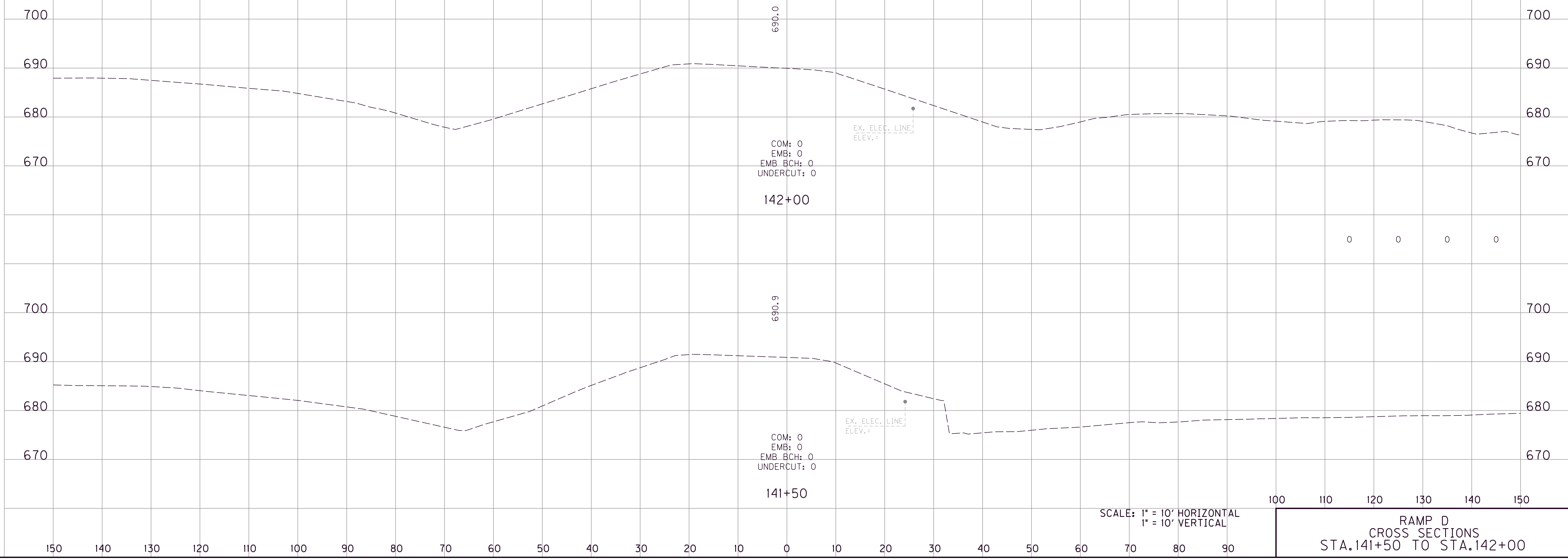
E-SHEET NAME:

MicroStation v8.11.9.459

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X27

	COM	EMB	EMB BCH	UNDER CUT
RAMP D TOTALS:	5	101	162	0

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



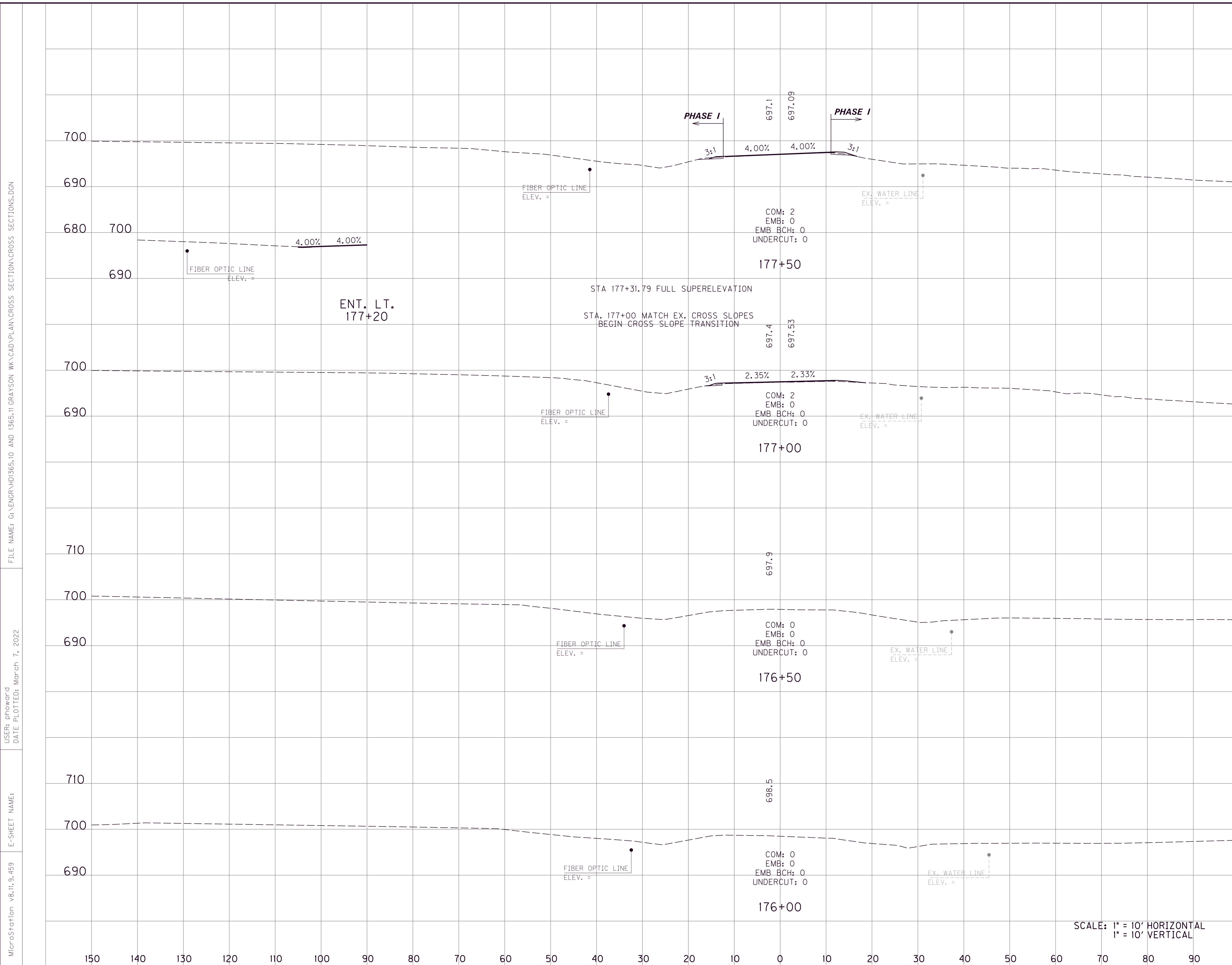
COM	EMB	EMB BCH	UNDER CUT
4	0	0	0

COM	EMB	EMB BCH	UNDER CUT
4	0	0	0

COM	EMB	EMB BCH	UNDER CUT
2	0	0	0

COM	EMB	EMB BCH	UNDER CUT
0	0	0	0

100	110	120	130	140	150
-----	-----	-----	-----	-----	-----



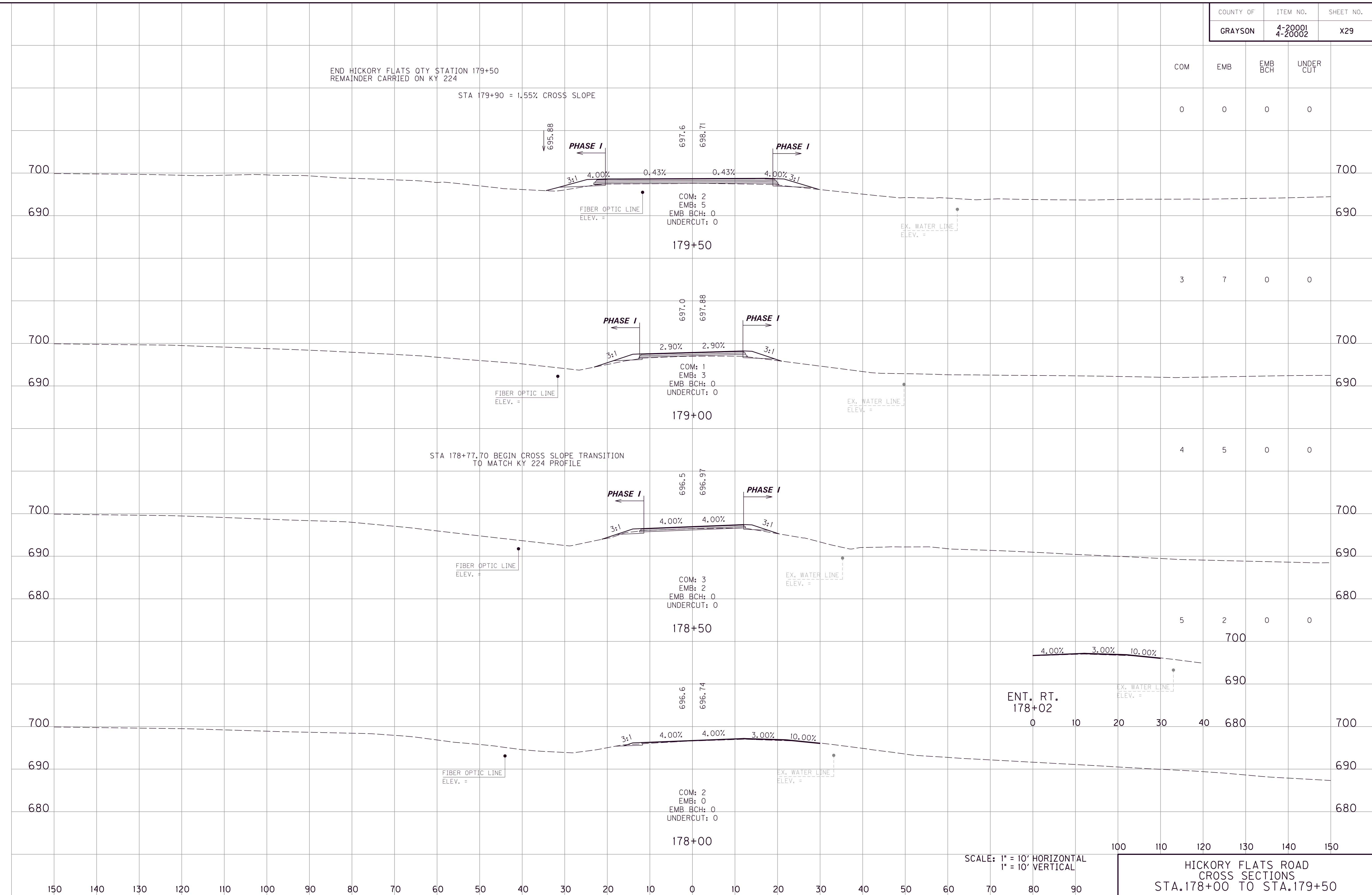
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

HICKORY FLATS ROAD
CROSS SECTIONS
STA. 176+00 TO STA. 177+50

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X29

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459



COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-20001 4-20002	X30

FILE NAME: G:\ENGR\HD1365.10 AND 1365.11 GRAYSON WK\CAD\PLAN\CROSS SECTION\CROSS SECTIONS.DGN
 USER: phoward
 DATE PLOTTED: March 7, 2022
 E-SHEET NAME:
 MicroStation v8.11.9.459

	COM	EMB	EMB BCH	UNDER CUT
KY224 ROADWAY AND APPR. TOTALS	792	2,856	2,439	691
HICKORY FLATS RD. TOTALS:	22	14	0	0

