TRANSPORTATION CABINET
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

February 14, 2011

CALL NO. 333
CONTRACT ID NO. 111303
ADDENDUM # 1

Subject: Campbell County, JL03 019 2345 000-002
Letting February 18, 2011

(1)Revised - Plan Sheets - R2f, X37, X48, X49, X69, X70, X76, X77, X84, X94, X106, X107, X109, X110, X112, X114, X121, X122, X133, X140, X141, X142, X145, X149, X154, X155, X156, X162, X163, X166
(2)Revised - Bid Items - Pages 146-153 of 153

Proposal revisions are available at http://transportation.ky.gov/contract/.
Plan revisions are available at http://www.lynnimaging.com/kytransportation/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Ryan Griffith

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	R2F

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT		PROJECT TOTALS
78	CRUSHED AGGREGATE SIZE NO. 2 ⑤	TON		7427
1000	PERFORATED PIPE - 4 INCH ④	LF		12095
1010	NON-PERFORATED PIPE - 4 INCH ④	LF		375
1015	INSPECT AND CERTIFY EDGE DRAIN SYSTEM	LP SUM		1
1024	PERFORATED PIPE HEADWALL TYPE 2-4 INCH	EACH		9
1310	REMOVE PIPE	LF		120
1634	CAP CURB BOX INLET	EACH		3
1791	ADJUST MANHOLE FRAME TO GRADE	EACH		1
1810	STANDARD CURB AND GUTTER	LF		12976
1825	ISLAND CURB AND GUTTER	LF		846
1830	STANDARD INTEGRAL CURB	LF		356
1923	STANDARD BARRIER MEDIAN TYPE 5	SQ. YD.		277
2014	BARRICADE TYPE III	EACH		9
2091	REMOVE PAVEMENT	SQ. YD.		3744
2159	TEMPORARY DITCH	LF		5890
2230	EMBANKMENT IN PLACE ③	CU. YD.		121033
2242	WATER	MGAL		1000
2351	GUARDRAIL - STEEL W BEAM S-FACE	LF		325
2367	GUARDRAIL END TREATMENT TYPE 1	EACH		3
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH		2
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH		2
2397	TEMP GUARDRAIL	LF		1100
2429	RIGHT OF WAY MONUMENT TYPE 1	EACH		43
2430	RIGHT OF WAY MONUMENT TYPE 1A	EACH		2
2432	WITNESS POST	EACH		43
2483	CHANNEL LINING CLASS II ⑦	TON		433
2484	CHANNEL LINING CLASS III ⑦	TON		165
2545	CLEARING AND GRUBBING ①	LP SUM		1
2562	SIGNS ⑧	SQ. FT.		845
2599	FABRIC-GEOTEXTILE TYPE IV	SQ. YD.		21500
2568	MOBILIZATION	LP SUM		1
2569	DEMOBILIZATION	LP SUM		1
2585	EDGE KEY	LF		107.2
2650	MAINTAIN AND CONTROL TRAFFIC	LP SUM		1
2651	DIVERSIONS - BYPASS DETOURS	LP SUM		1
2671	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH		6
2690	SAFELOAD	CU. YD.		14
2701	TEMPORARY SILT FENCE	LF		5890
2703	SILT TRAP TYPE A	EACH		17
2704	SILT TRAP TYPE B	EACH		17
2705	SILT TRAP TYPE C	EACH		17
2706	CLEAN SILT TRAP TYPE A	EACH		34
2707	CLEAN SILT TRAP TYPE B	EACH		34
2708	CLEAN SILT TRAP TYPE C	EACH		34
2709	CLEAN TEMPORARY SILT FENCE	EACH		17670
2720	SIDEWALK - 4 INCH CONCRETE	SQ. YD.		4657
2721	REMOVE CONC. SIDEWALK	SQ. YD.		230
2726	STAKING	LP SUM		1
3385	PVC PIPE - 6 INCH (SCHEDULE 80) ②	LF		910
5950	EROSION CONTROL BLANKET	SQ. YD.		4835
5952	TEMPORARY MULCH	SQ. YD.		125840
5953	TEMPORARY SEEDING & PROTECTION	SQ. YD.		82280
5966	TOPDRESSING FERTILIZER	TON		3
5985	SEEDING AND PROTECTION	SQ. YD.		41800
5989	SPECIAL SEEDING CROWN VETCH	SQ. YD.		6600
5990	SOD	SQ. YD.		8149
6411	STEEL POST - TYPE 2	LF		1140
6510	PAVE STRIPING TEMP PAINT - 4 INCH	LF		7480

ITEM	DESCRIPTION	UNIT		PROJECT TOTALS
6514	PAVE STRIPING PERM PAINT - 4 INCH	LF		16263
6550	PAVE STRIPING-TEMP REM TAPE-W	LF		8100
6551	PAVE STRIPING-TEMP REM TAPE-Y	LF		8100
6566	PAVE MARKING THERMO X-WALK - 12 INCH	LF		484
6568	PAVE MARKING-THERMO STOP BAR - 24 INCH	LF		164
6569	PAVE MARKING-THERMO CROSS HATCH	SQ. FT.		3117
6573	PAVE MARKING-PRE THERM STR ARROW	EACH		17
6574	PAVE MARKING-PRE THERM CURVE ARROW	EACH		22
6575	PAVE MARKING-PRE THERM COMBO ARROW	EACH		8
6588	PAVE MARKER TYPE 1VA-BY TEMP	EACH		40
6589	PAVEMENT MARKER TYPE V-MW	EACH		16
6591	PAVEMENT MARKER TYPE V-BY	EACH		70
10020NS	FUEL ADJUSTMENT	DOLLARS		41816
10030NS	ASPHALT ADJUSTMENT	DOLLARS		28051
20550ND	SAWCUT PAVEMENT ⑥	LF		1658
20782NS714	PAVE MARKING THERMO-BIKE	EACH		17
22520EN	THERMO YIELD BAR - 36 INCH	LF		68
22692NS714	THERMO-LETTERS (YIELD)	EACH		20
23131ER701	PIPELINE VIDEO INSPECTION	LF		1938
23158ES505	DETECTABLE WARNINGS	SQ. FT.		645

NOTES:

① APPROXIMATELY 26 ACRES
② CONDUIT AT ROUNDABOUT FOR FUTURE UTILITIES
③ INCLUDES 510 CU YD OF EMBANKMENT FOR ENTRANCE LT UNIVERSITY DRIVE 63+53.81 AND 110 CU YD EMBANKMENT FOR ENTRANCE RT HILLTOP DRIVE STA. 19+00. ALSO, INCLUDES 4,704 CU. YD. OF EMBANKMENT BENCHING AND 13,581 CU. YD. OF TRANSVERSE BENCHING.
④ INCLUDES QUANTITY CARRIED OVER FROM THE PAVING SUMMARY & 120 LF OF TRANSVERSE PERFORATED PIPE AT SAG LOCATIONS
⑤ INCLUDES QUANTITY FOR WORKING PLATFORMS AND PERF. PIPE HEADWALLS
⑥ INCLUDES QUANTITY FOR PAVEMENT TIE-INS
⑦ INCLUDES QUANTITY CARRIED OVER FROM THE DRAINAGE SUMMARY
⑧ INCLUDES 545 SQ. FT. FOR PERMANENT SIGNING

EARTHWORK QUANTITIES

COMMON	28,637
TOTAL EXCAVATION	28,637
EMBANKMENT	102,128
BENCHING	18,285
TOTAL EMBANKMENT	120,413

ESTIMATE FOR EARTHWORK CALCULATIONS ARE FOR DESIGN PURPOSES ONLY, THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS ARE SHOWN FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINK AND SWELL FACTORS ARE THE CONTRACTORS RESPONSIBILITY.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	R2F

REVISED 02-10-2011

GENERAL SUMMARY

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E-SHEET NAME:

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X37

PREPARED BY _____ DATE _____
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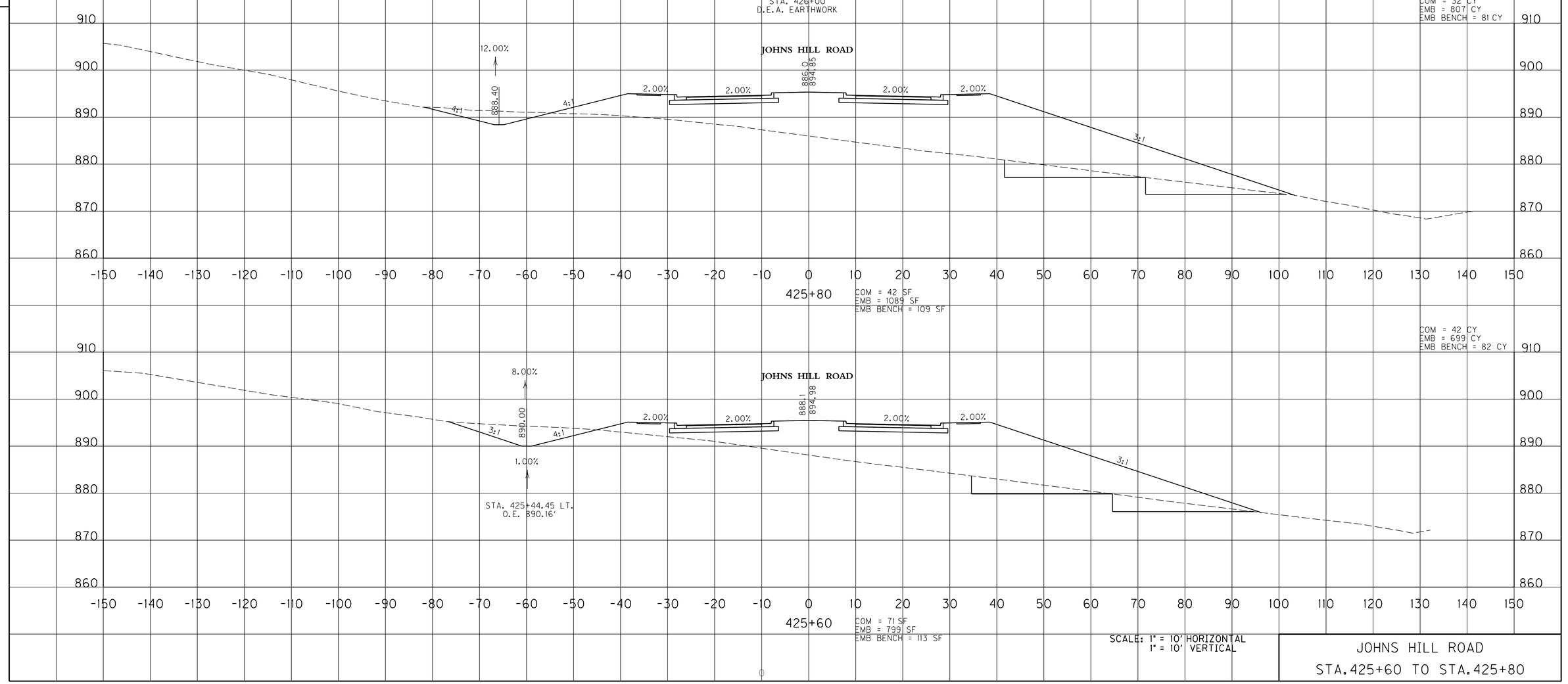
APPROVED BY _____ DATE _____



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

JOHNS HILL ROAD
STA. 425+60 TO STA. 425+80

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X37

REVISED 02-10-2011

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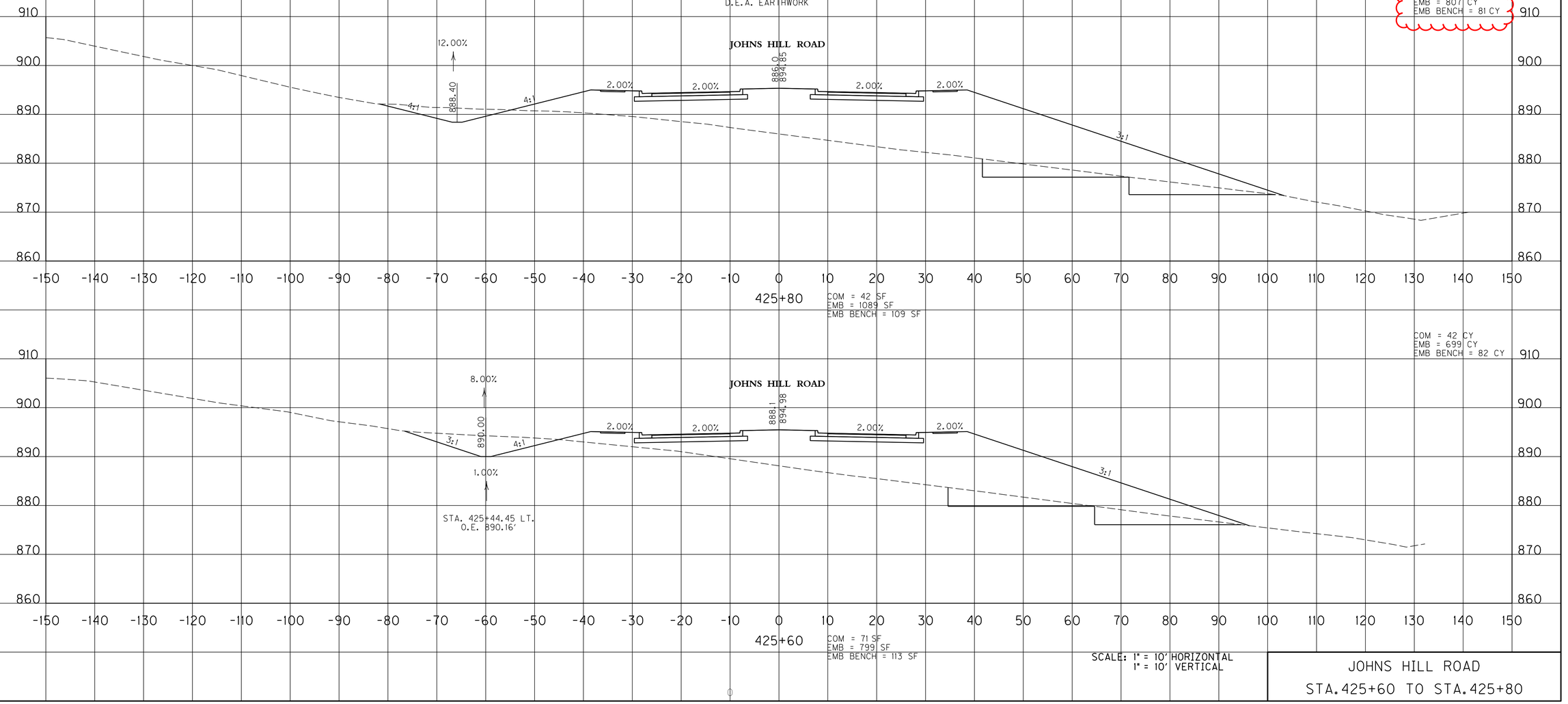
APPROVED BY _____ DATE _____



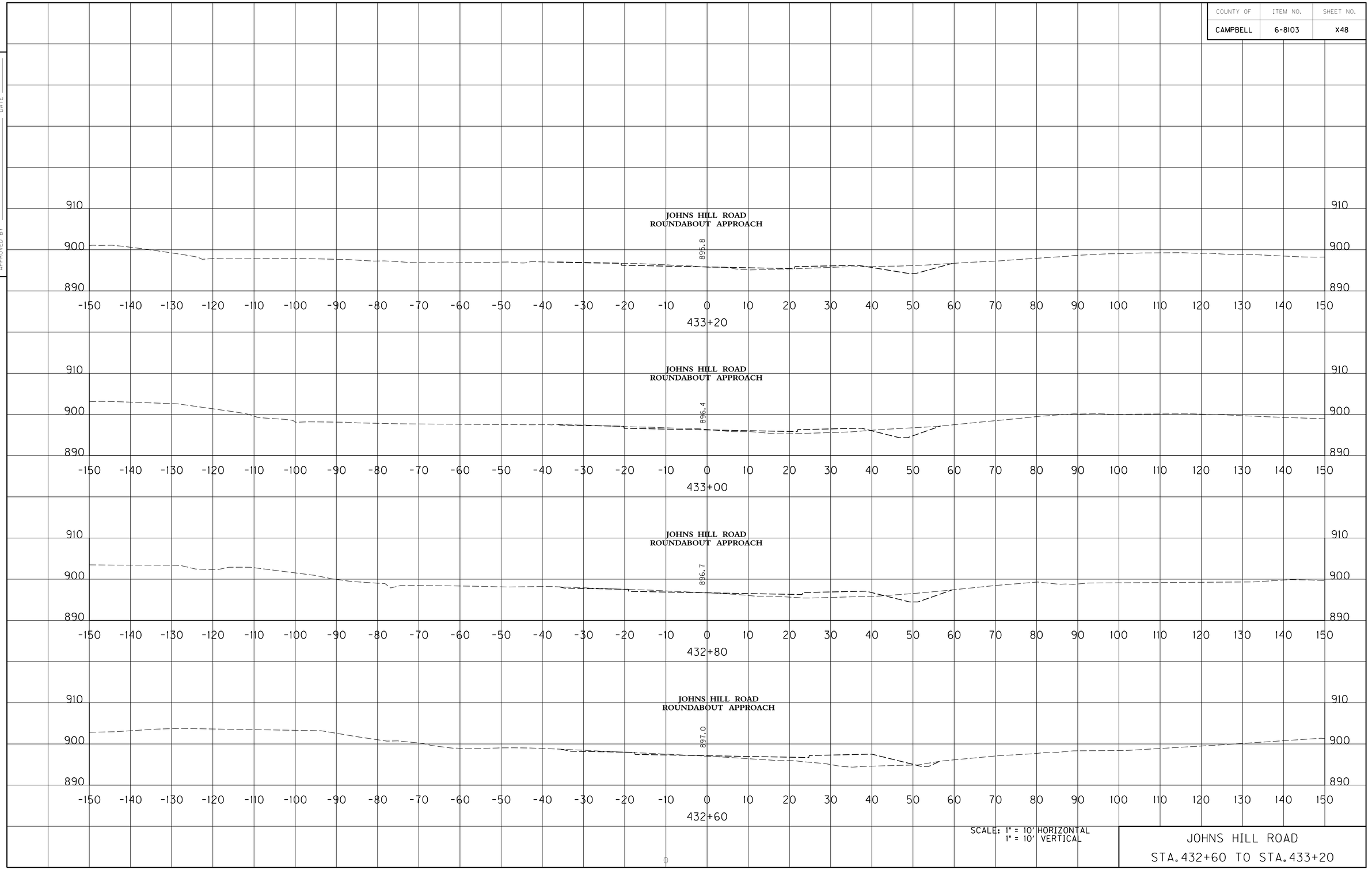
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

JOHNS HILL ROAD
STA. 425+60 TO STA. 425+80

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X48

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



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

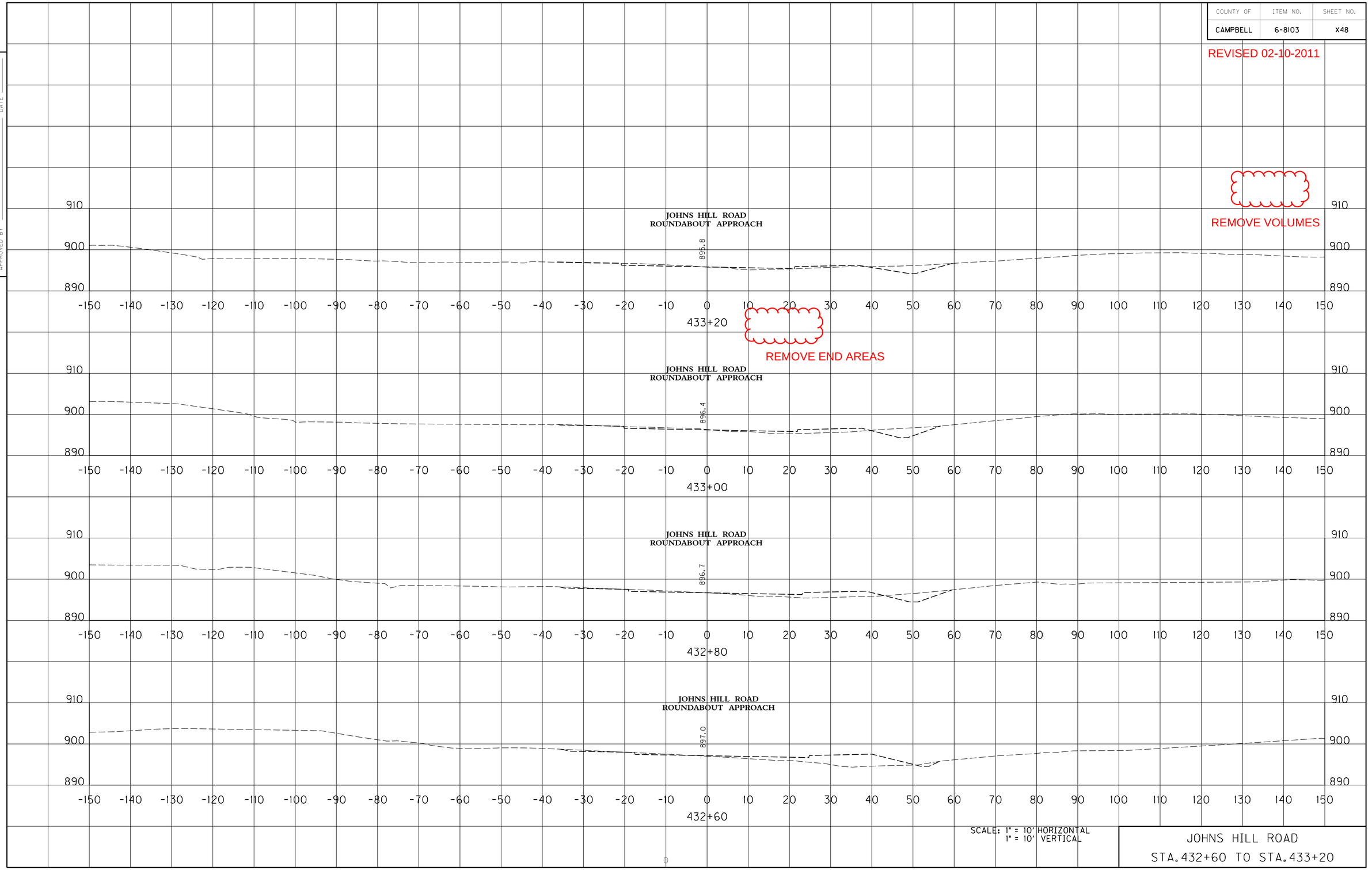
JOHNS HILL ROAD
STA. 432+60 TO STA. 433+20

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X48

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



REMOVE VOLUMES

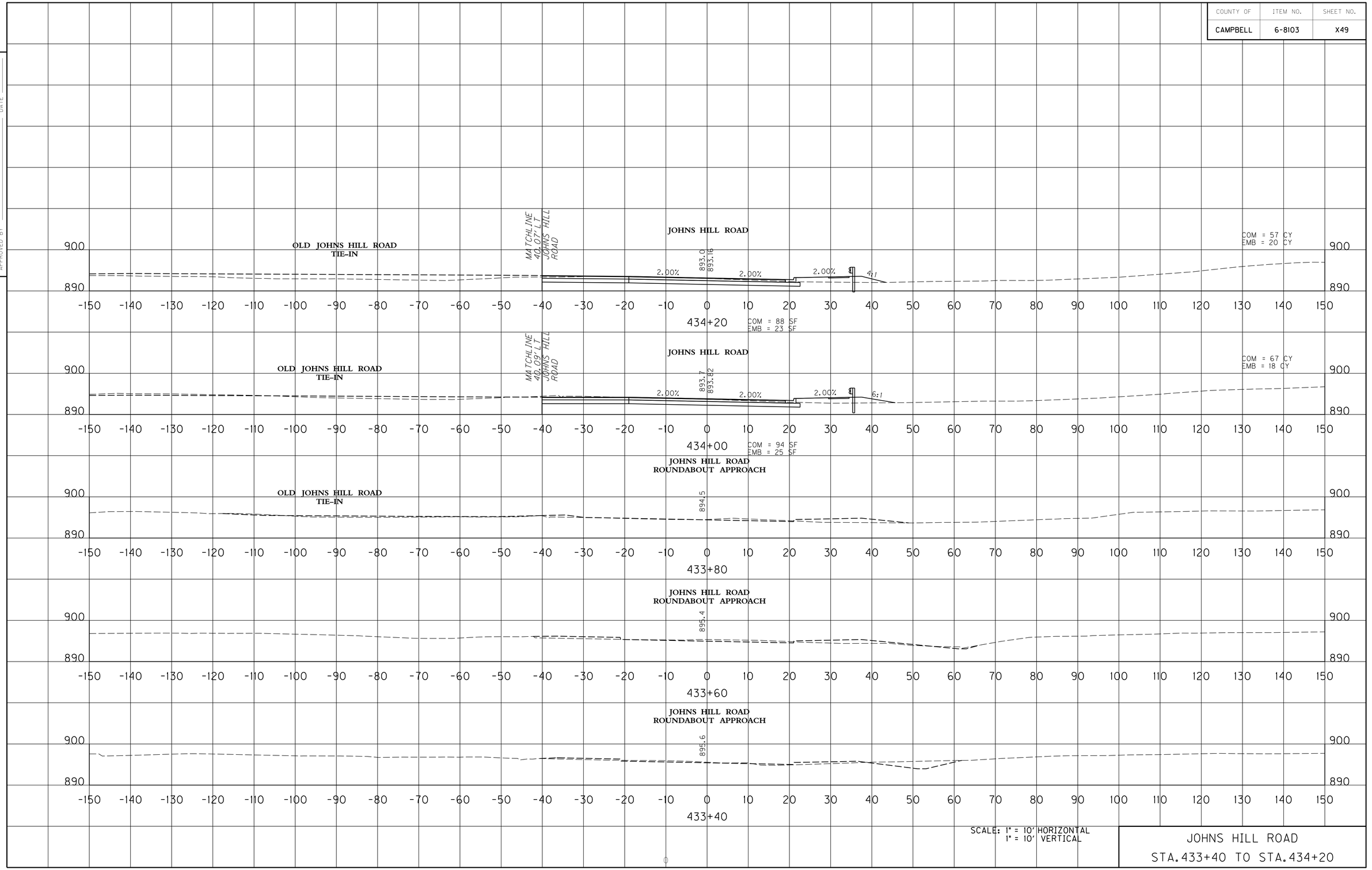
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

JOHNS HILL ROAD
STA. 432+60 TO STA. 433+20

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X49

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

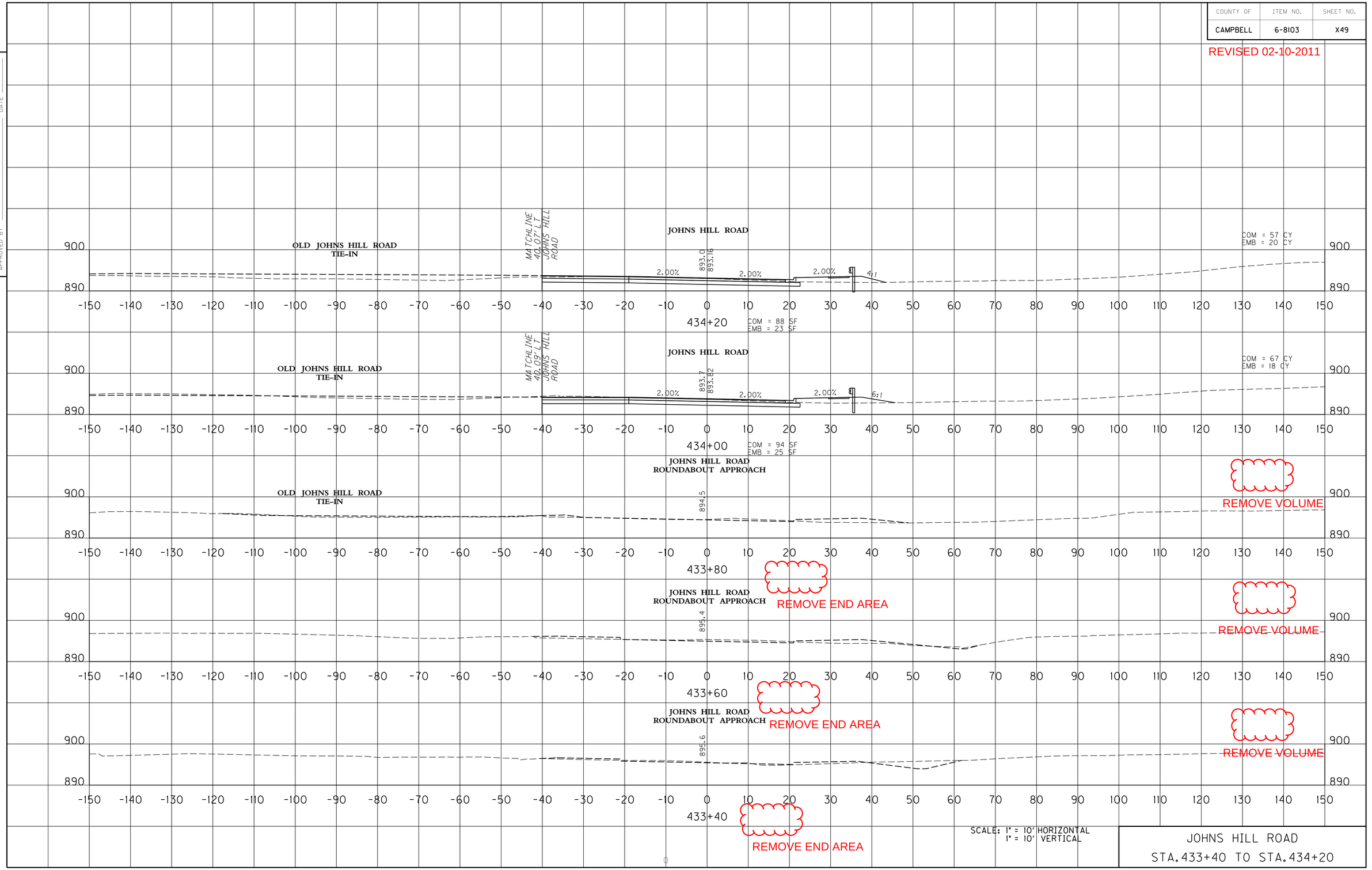
JOHNS HILL ROAD
STA. 433+40 TO STA. 434+20

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X49

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



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

JOHNS HILL ROAD
STA. 433+40 TO STA. 434+20

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

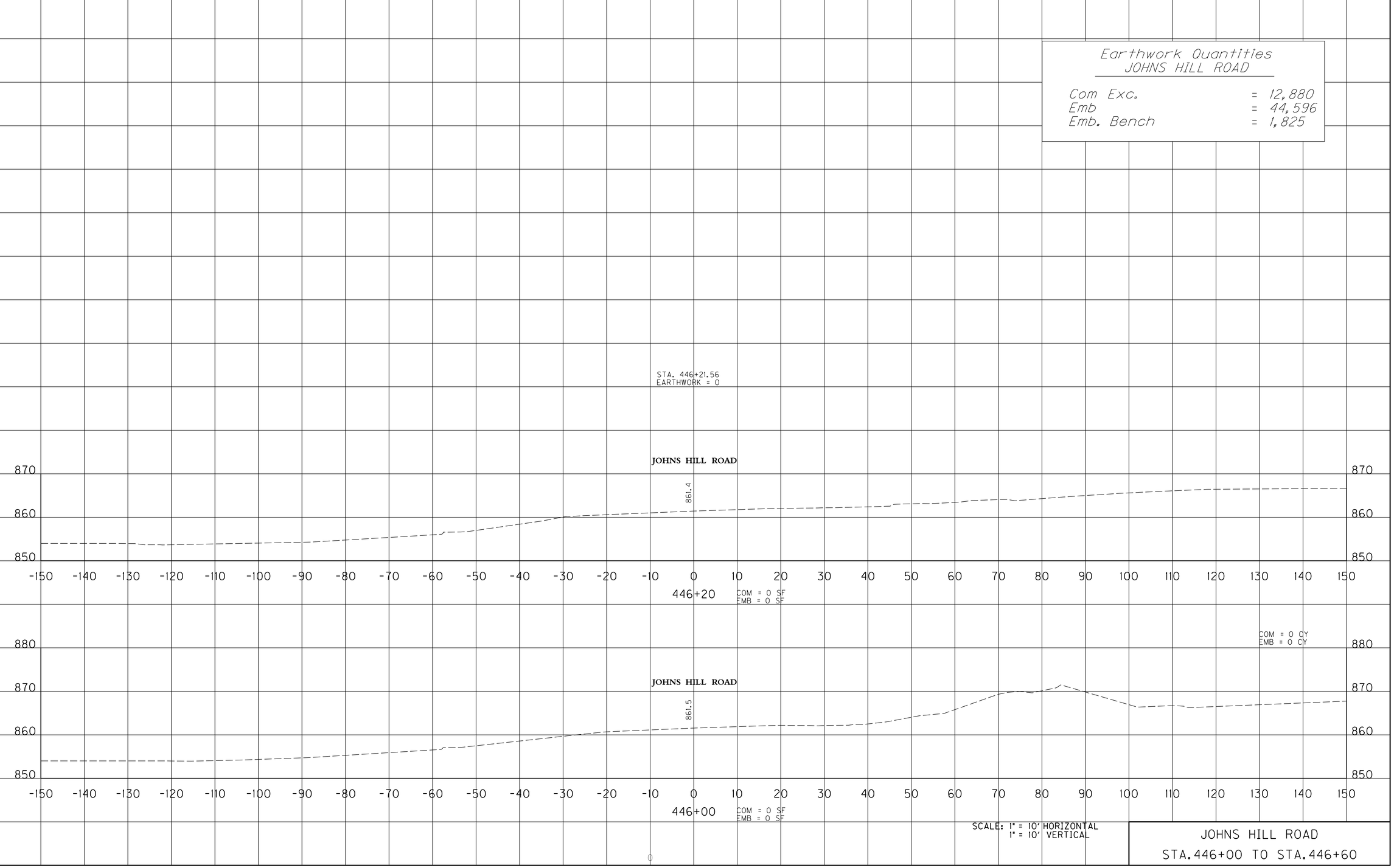
COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X69

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
JOHNS HILL ROAD

Com Exc.	=	12,880
Emb	=	44,596
Emb. Bench	=	1,825

STA. 446+21.56
EARTHWORK = 0



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

JOHNS HILL ROAD
STA. 446+00 TO STA. 446+60

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X69

REVISED 02-10-2011

PREPARED BY _____ DATE _____
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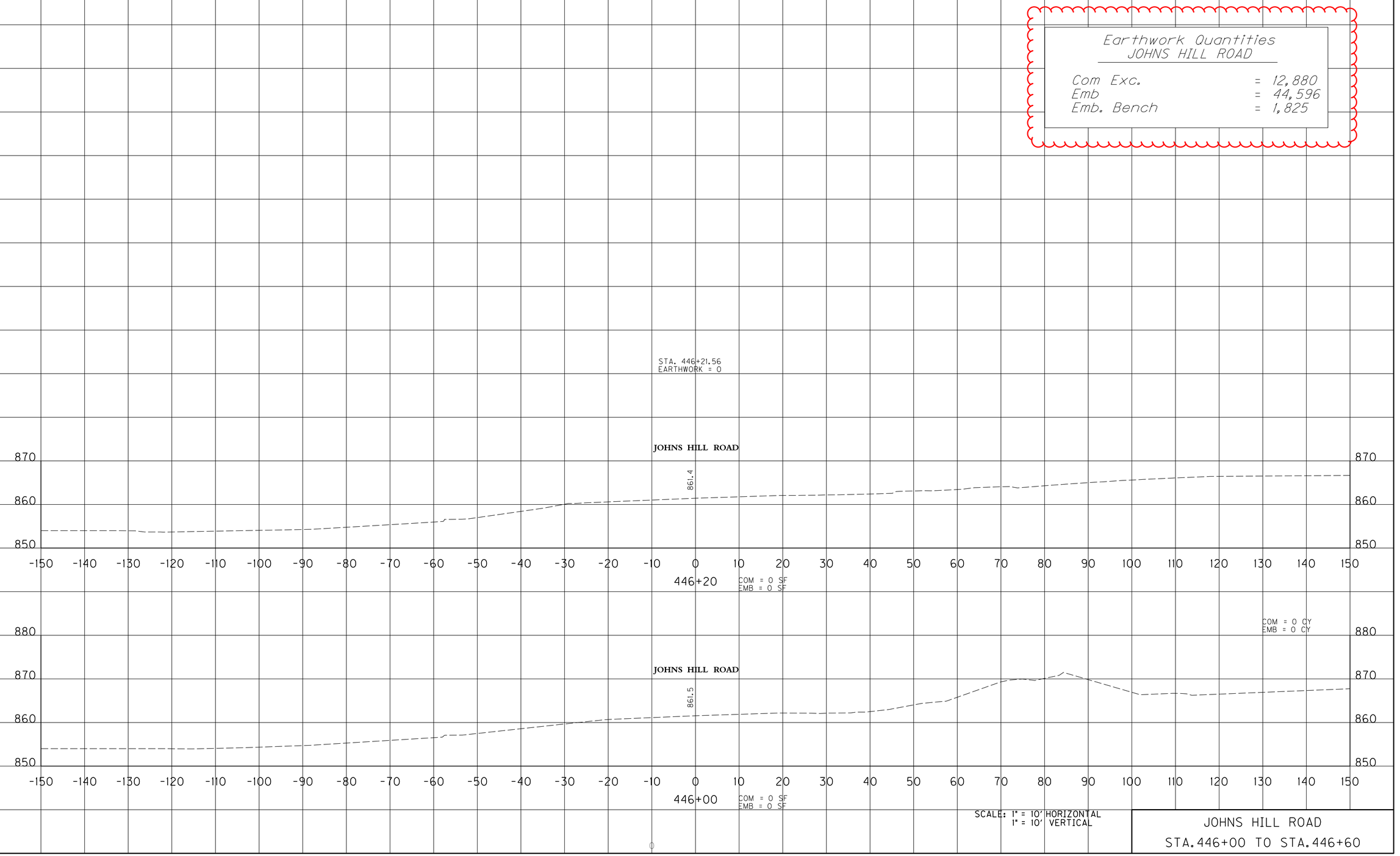
Earthwork Quantities
JOHNS HILL ROAD

Com Exc.	=	12,880
Emb	=	44,596
Emb. Bench	=	1,825

STA. 446+21.56
EARTHWORK = 0



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

JOHNS HILL ROAD
STA. 446+00 TO STA. 446+60

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X70

PREPARED BY _____ DATE _____
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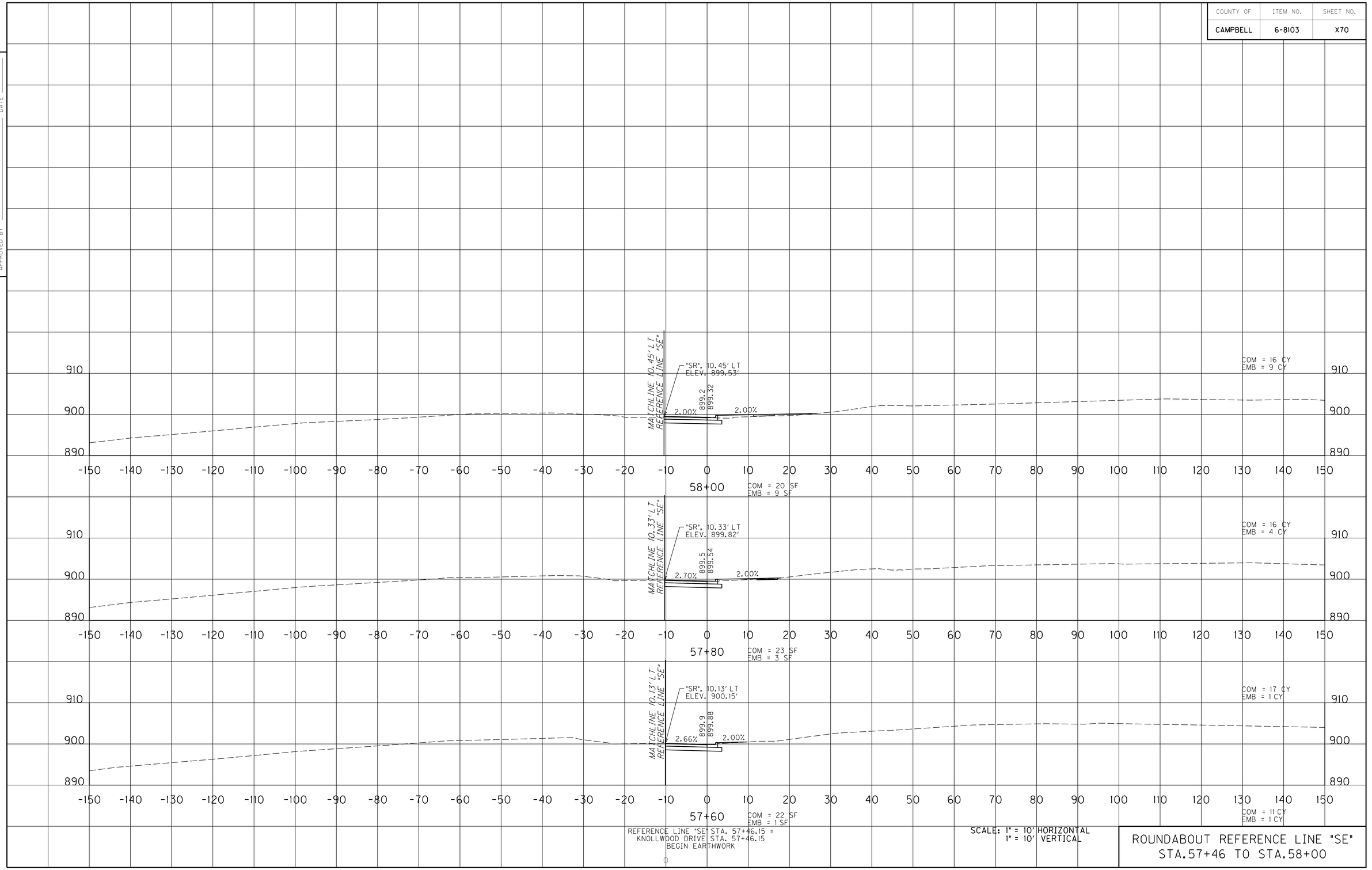

REFERENCE LINE "SE" STA. 57+46.15 =
KNOLLWOOD DRIVE STA. 57+46.15
BEGIN EARTHWORK

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

ROUNDABOUT REFERENCE LINE "SE"
STA.57+46 TO STA.58+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X70

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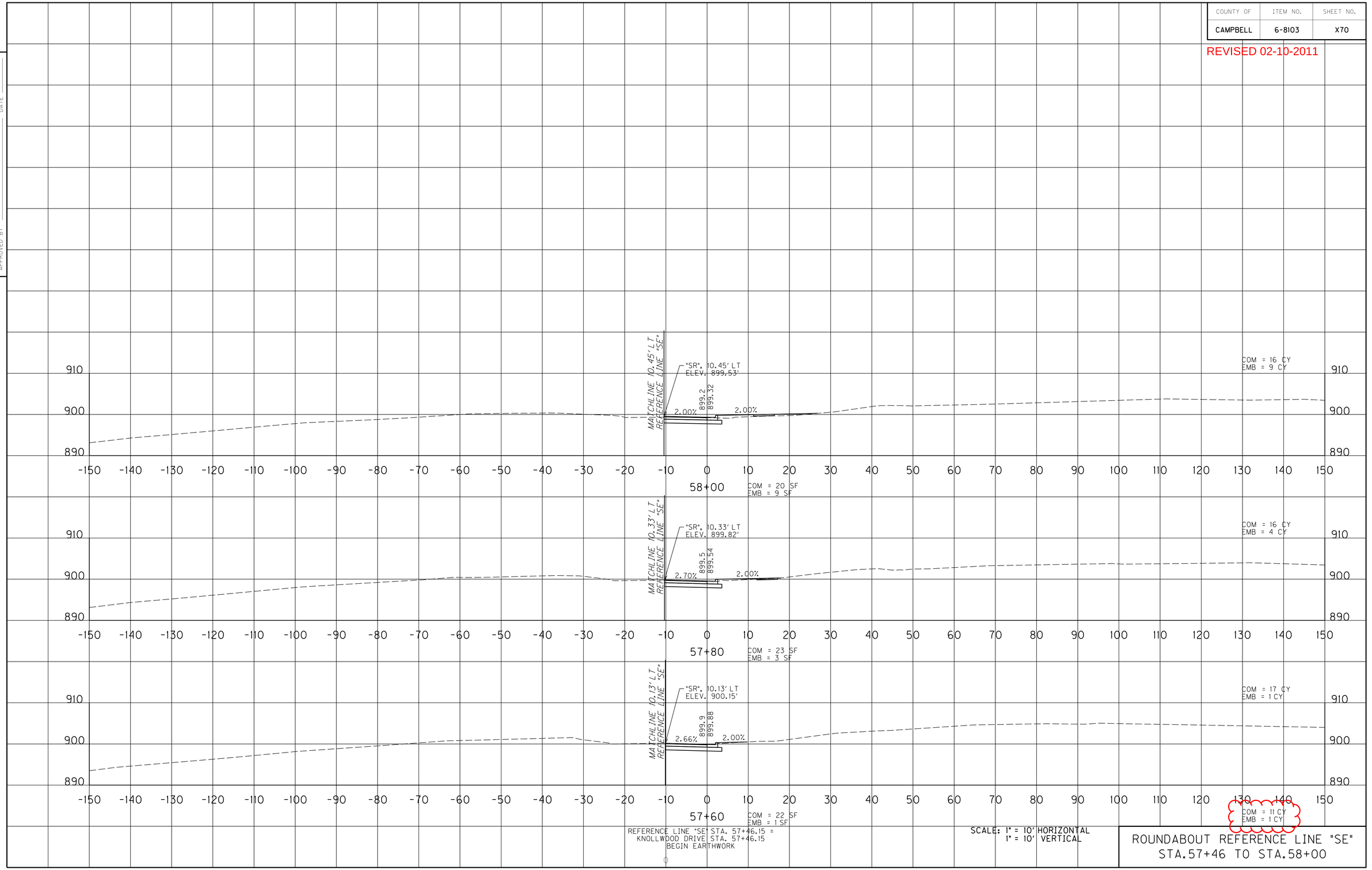

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ROUNDABOUT REFERENCE LINE "SE"
STA.57+46 TO STA.58+00

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COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X76

PREPARED BY _____ DATE _____
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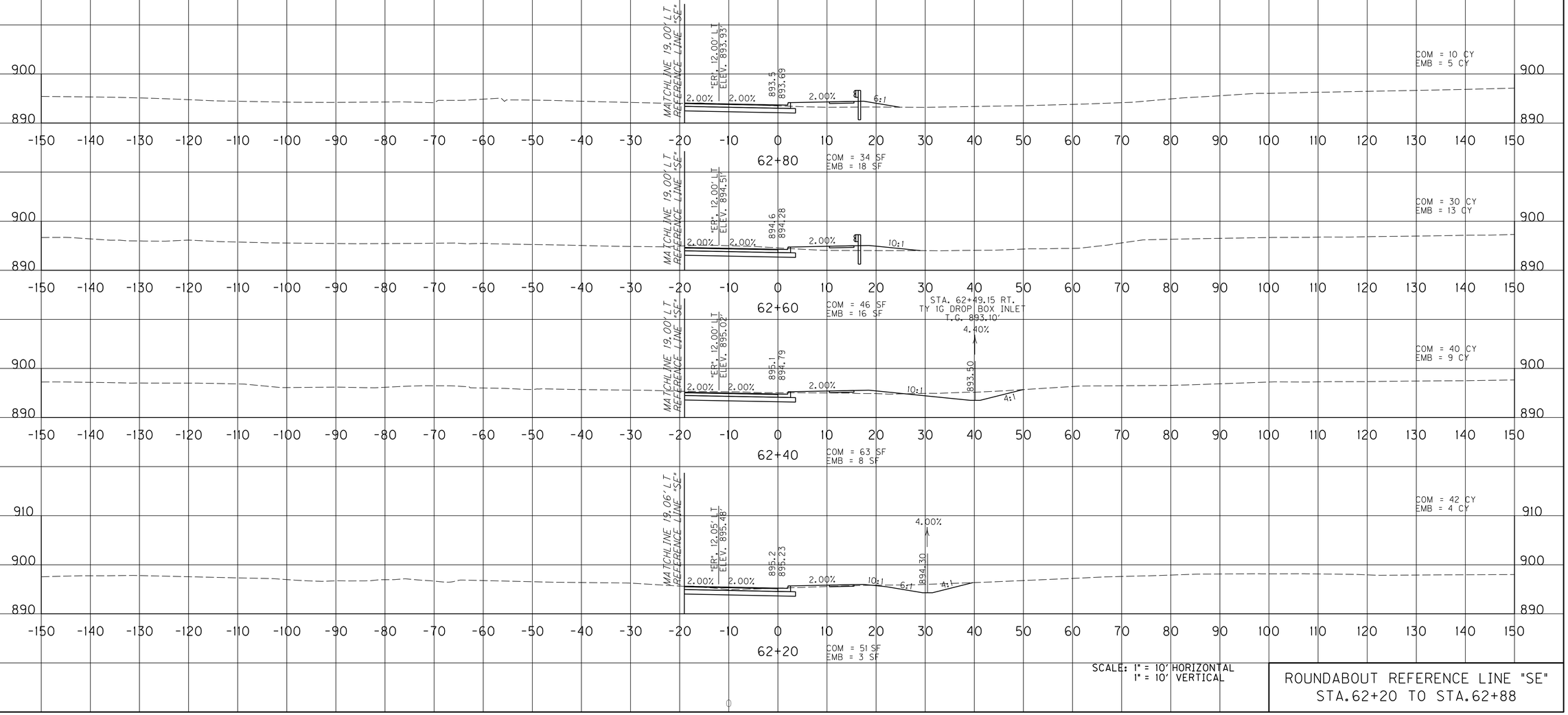
Earthwork Quantities
ROUNDABOUT SOUTH EAST

Com Exc. = 423
Emb = 1,230

REFERENCE LINE "SE" STA. 62+88.18 =
JOHNS HILL ROAD STA. 434+00.00
END EARTHWORK



SCALE: 1" = 10' HORIZONTAL
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ROUNDABOUT REFERENCE LINE "SE"
STA.62+20 TO STA.62+88

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X76

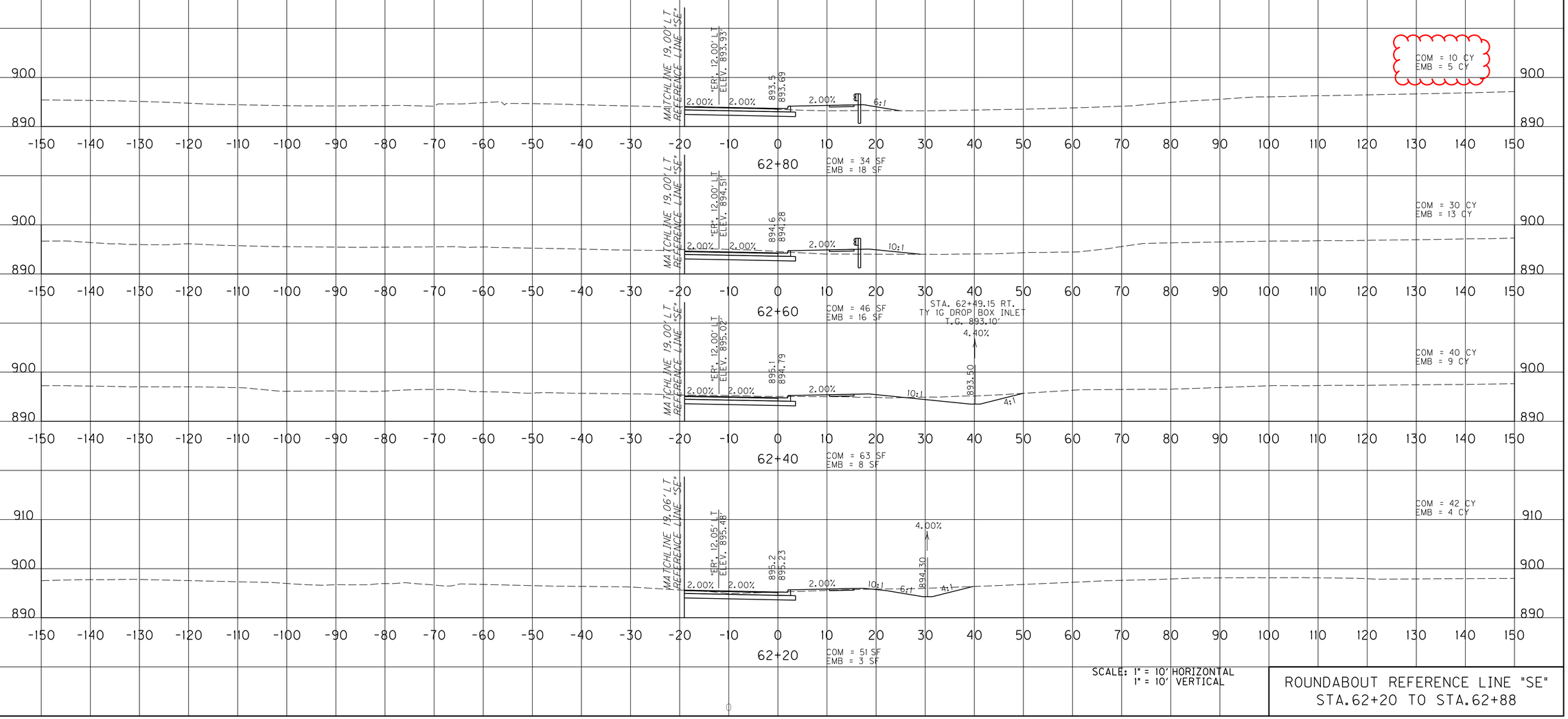
REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
ROUNDABOUT SOUTH EAST

Com Exc. = 423
Emb = 1,230

REFERENCE LINE "SE" STA. 62+88.18 =
JOHNS HILL ROAD STA. 434+00.00
END EARTHWORK



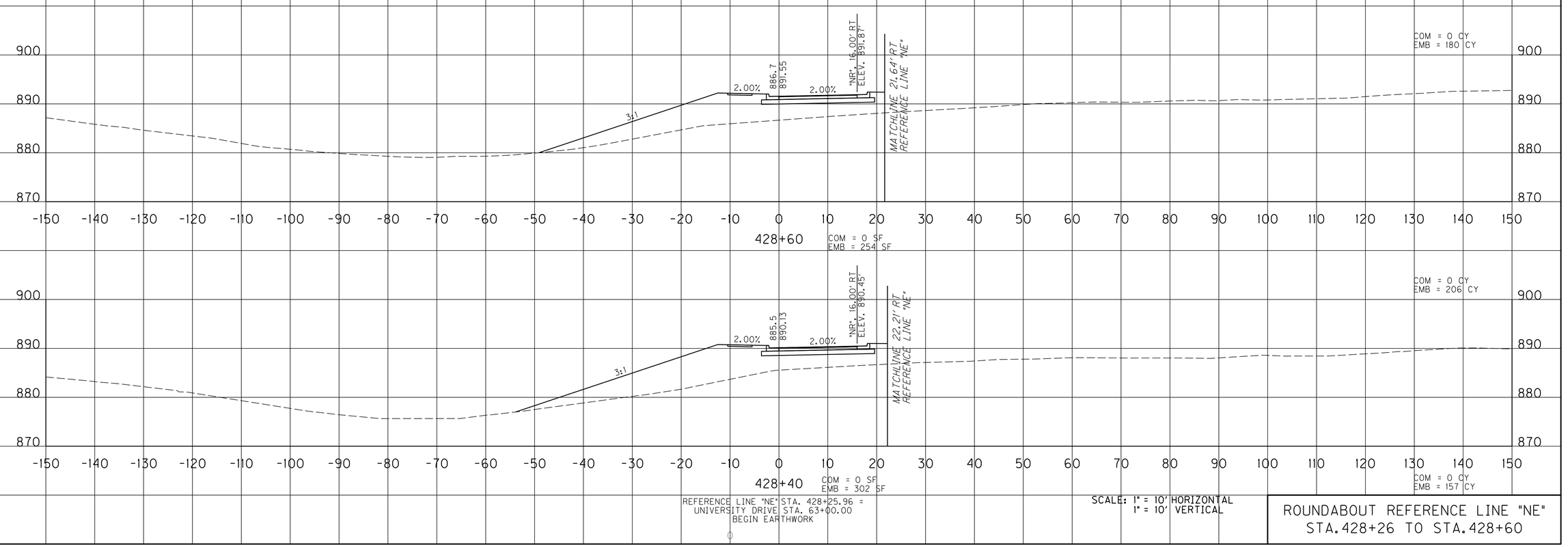
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

ROUNDABOUT REFERENCE LINE "SE"
STA.62+20 TO STA.62+88

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X77

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



REFERENCE LINE "NE" STA. 428+25.96 =
UNIVERSITY DRIVE STA. 63+00.00
BEGIN EARTHWORK

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

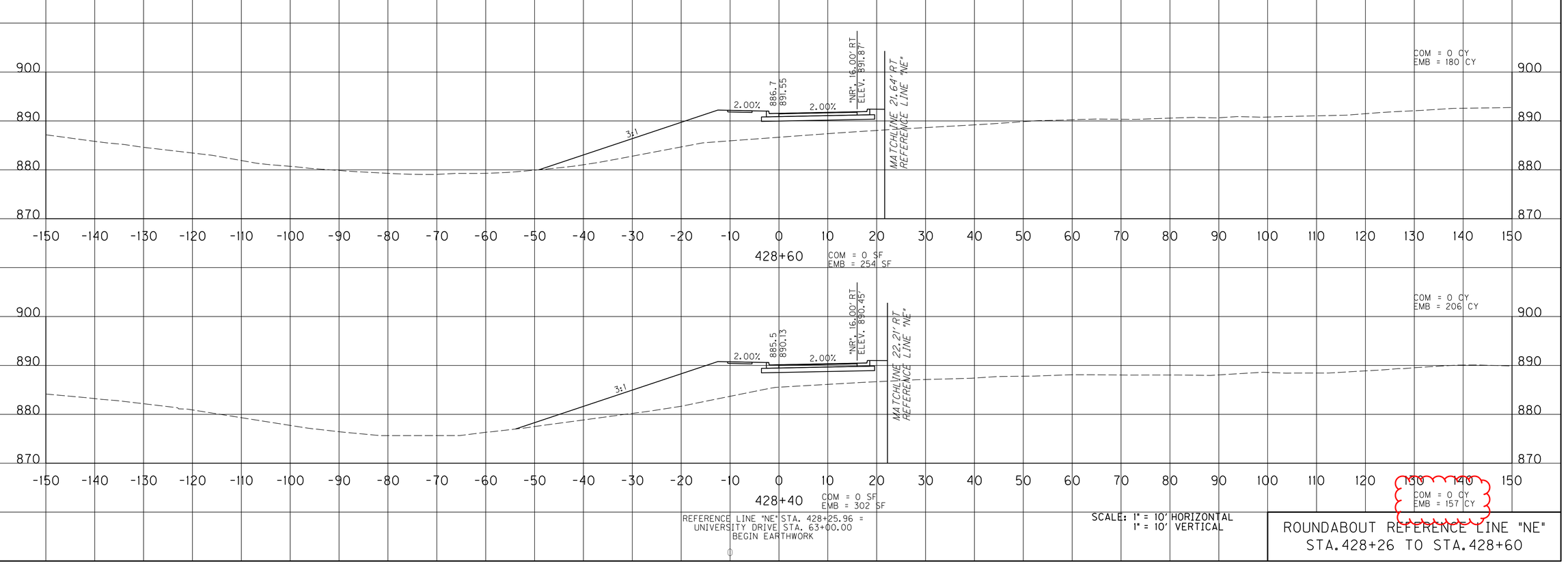
ROUNDABOUT REFERENCE LINE "NE"
STA. 428+26 TO STA. 428+60

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X77

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



REFERENCE LINE "NE" STA. 428+25.96 =
UNIVERSITY DRIVE STA. 63+00.00
BEGIN EARTHWORK

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

ROUNDABOUT REFERENCE LINE "NE"
STA. 428+26 TO STA. 428+60

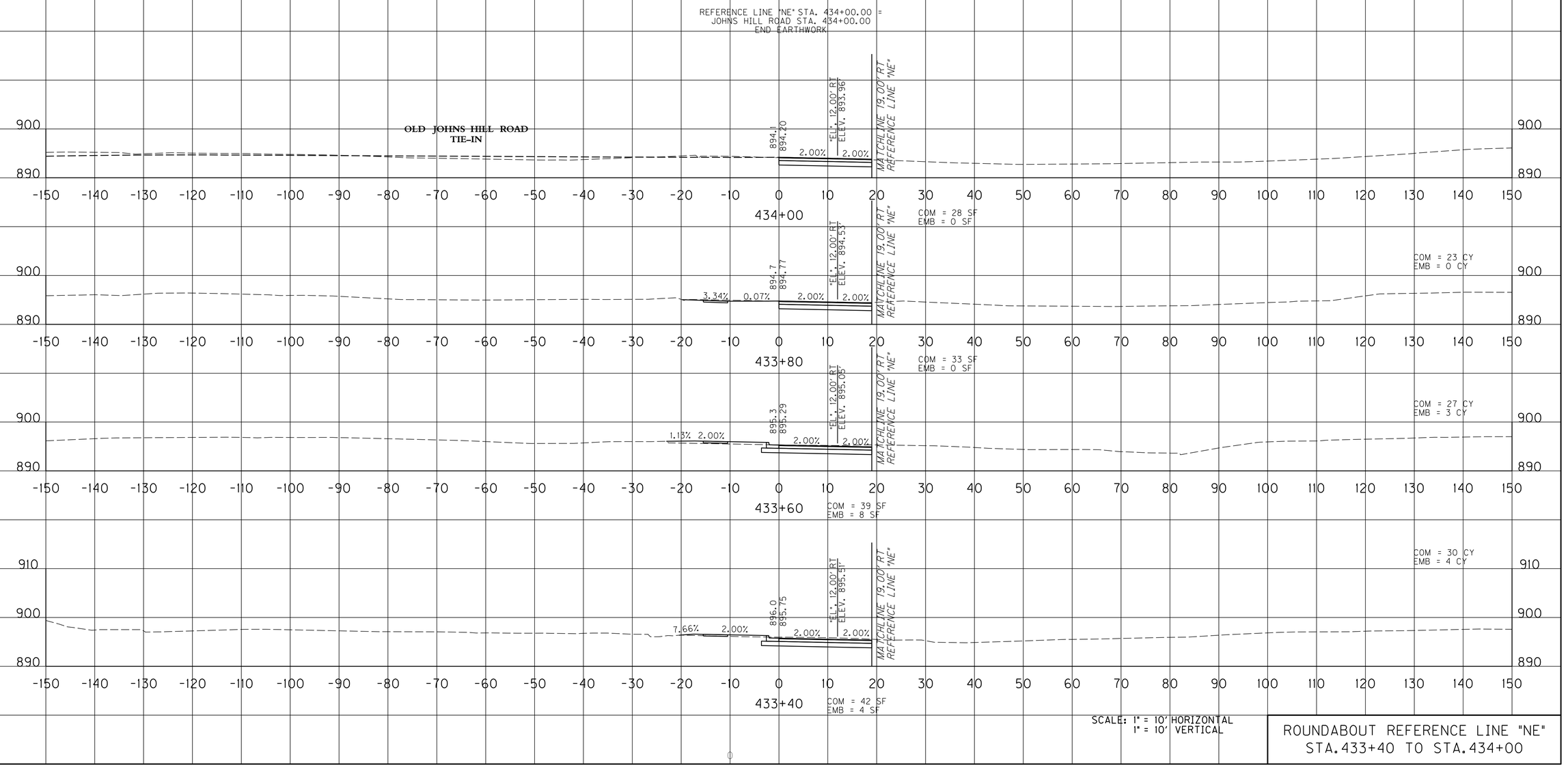
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X84

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Earthwork Quantities
ROUNDABOUT NORTH EAST

Com Exc. = 1,406
Emb = 1,062



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

ROUNDABOUT REFERENCE LINE "NE"
STA. 433+40 TO STA. 434+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

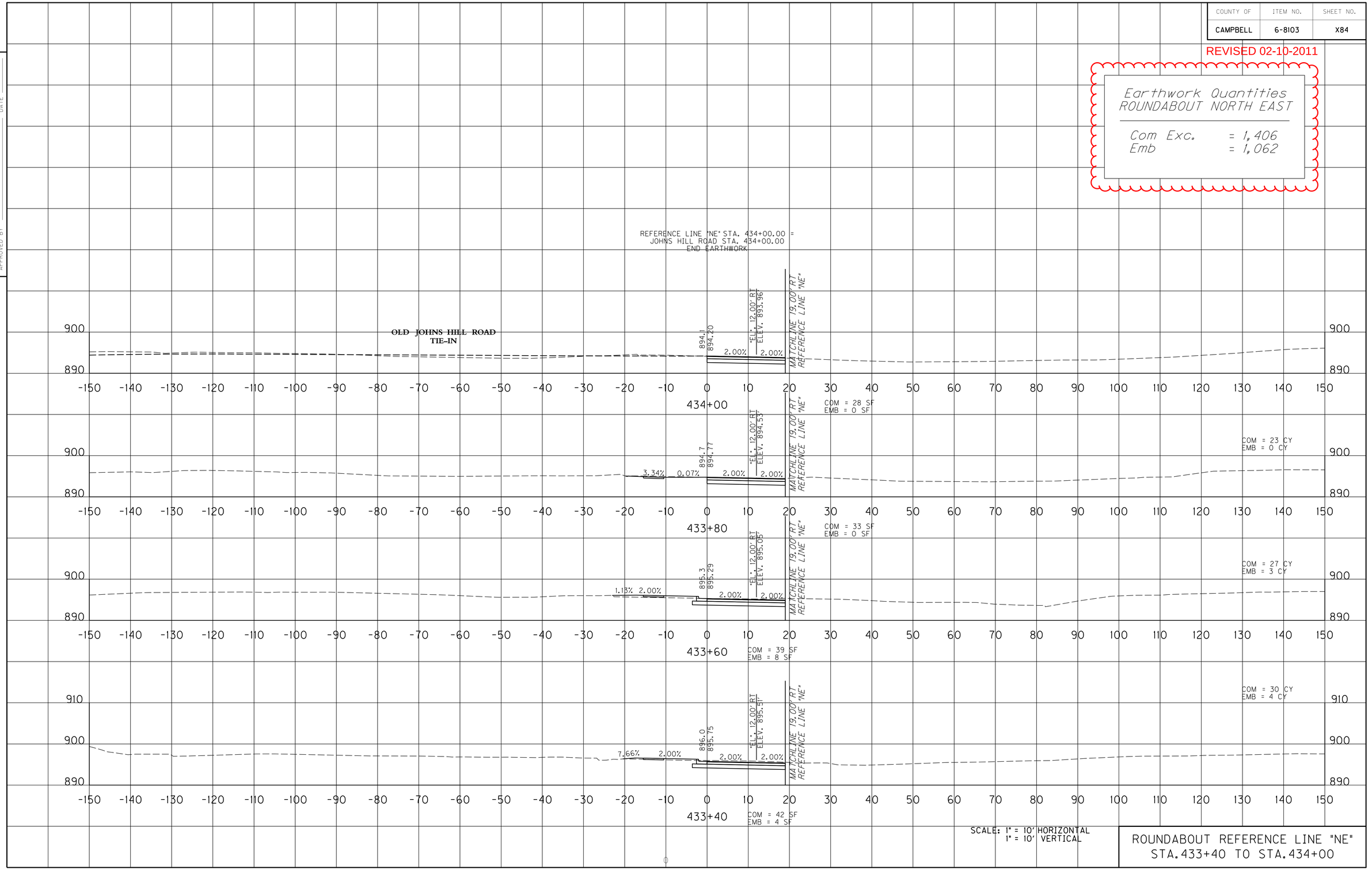
COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X84

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Earthwork Quantities
ROUNDABOUT NORTH EAST

Com Exc. = 1,406
Emb = 1,062



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

ROUNDABOUT REFERENCE LINE "NE"
STA.433+40 TO STA.434+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

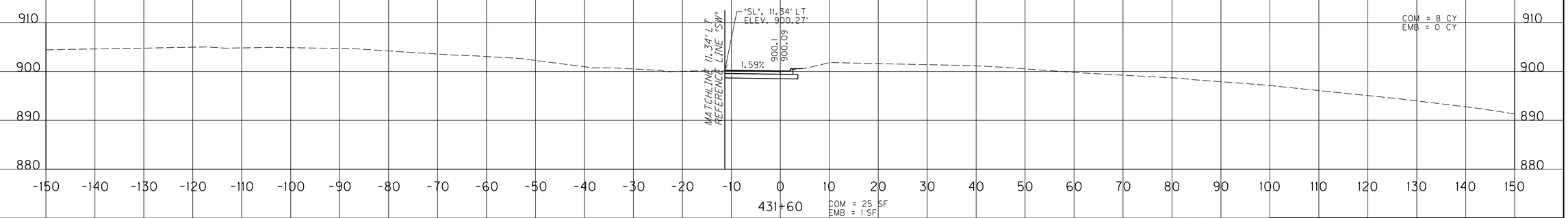
COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X94

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
ROUNDABOUT SOUTH WEST

Com Exc. = *431*
Emb = *8,068*

REFERENCE LINE "SW" STA. 431+68.14 =
KNOLLWOOD DRIVE STA. 57+46.15
EARTHWORK = 0



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

ROUNDABOUT REFERENCE LINE "SW"
STA. 431+60 TO STA. 431+68

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X94

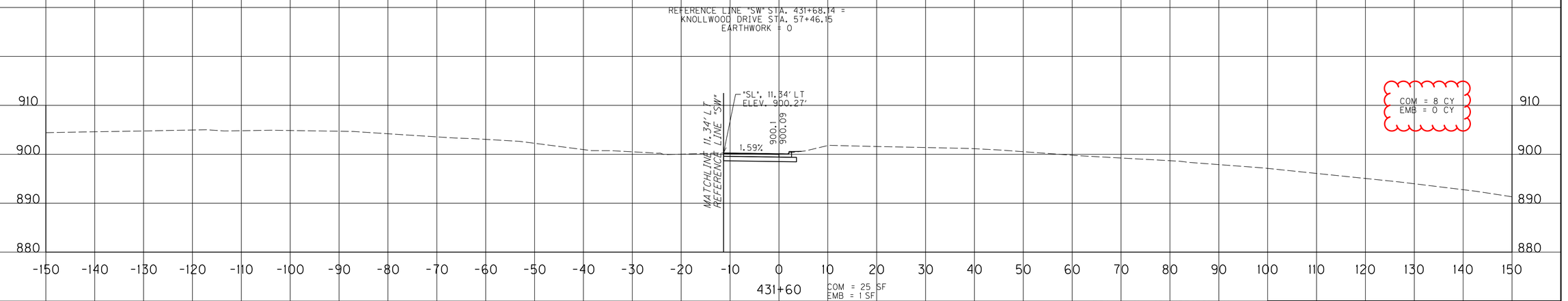
REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Earthwork Quantities
ROUNDABOUT SOUTH WEST

Com Exc. = 431
Emb = 8,008

REFERENCE LINE "SW" STA. 431+68.14 =
KNOLLWOOD DRIVE STA. 57+46.15
EARTHWORK = 0



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

ROUNDABOUT REFERENCE LINE "SW"
STA. 431+60 TO STA. 431+68

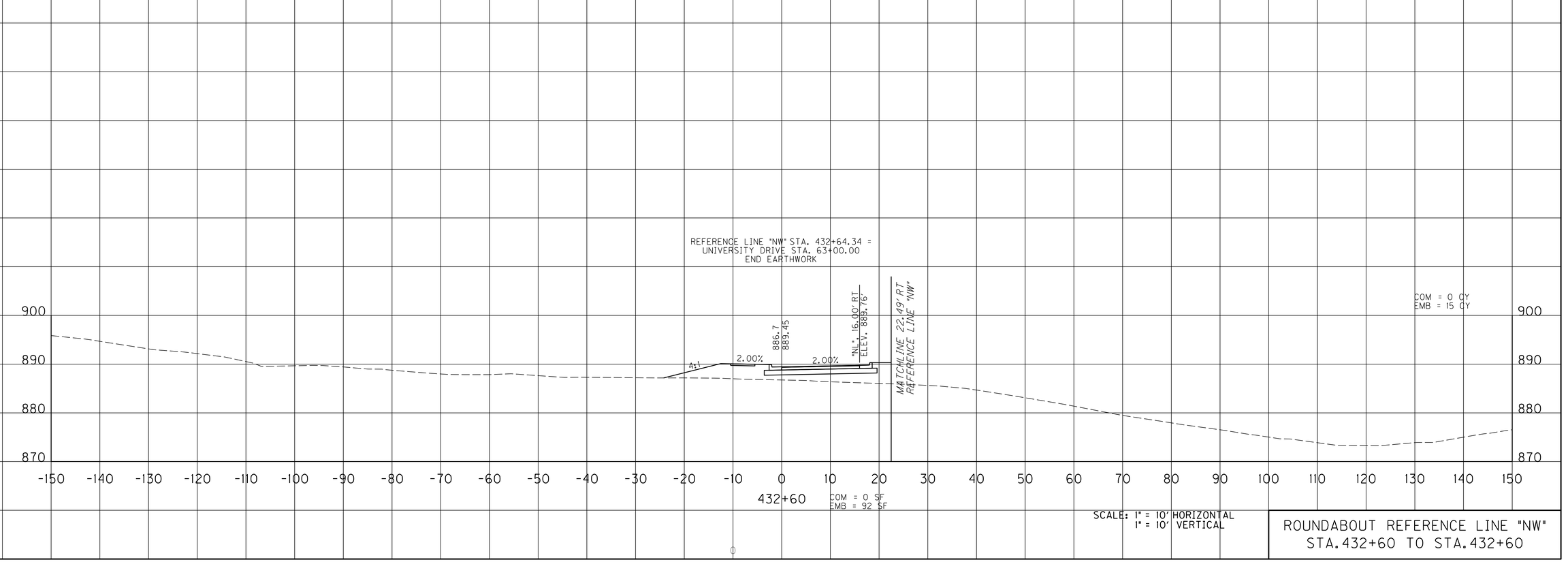
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X106

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
ROUNDABOUT NORTH WEST

Com Exc. = 3,970
Emb = 3,558



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

ROUNDABOUT REFERENCE LINE "NW"
STA.432+60 TO STA.432+60

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

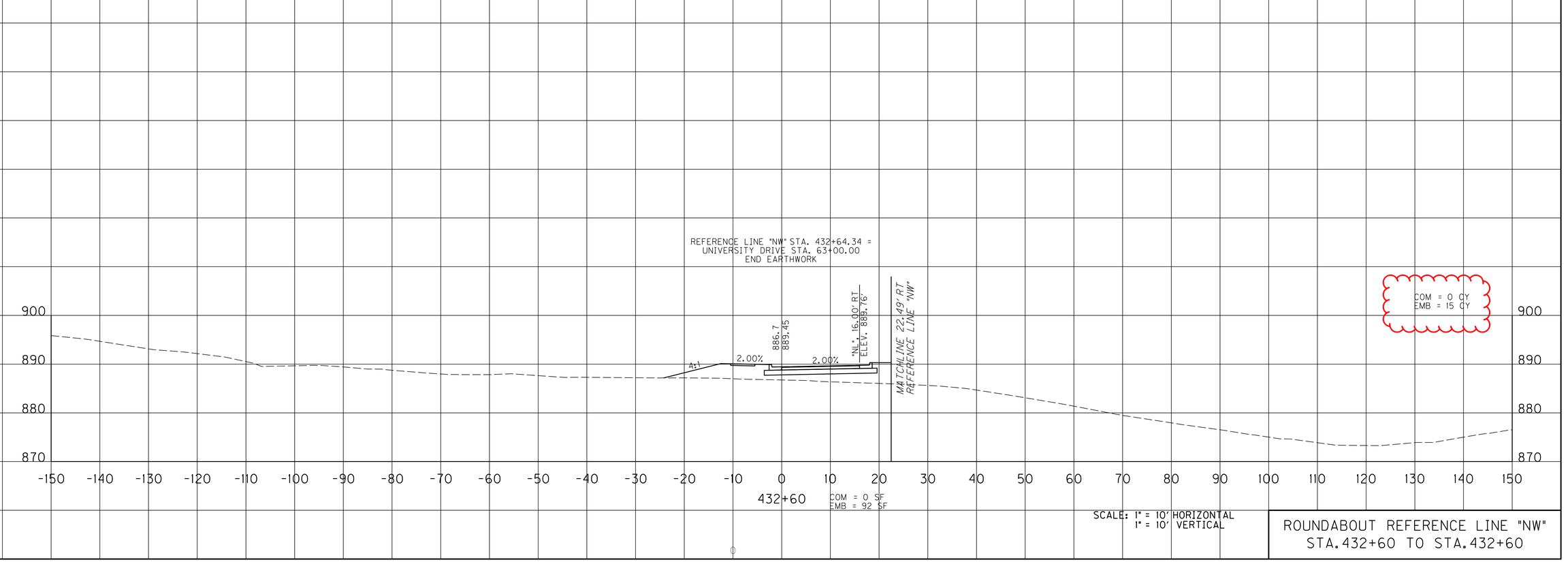
COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X106

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
ROUNDABOUT NORTH WEST

Com Exc. = 3,970
Emb = 3,558



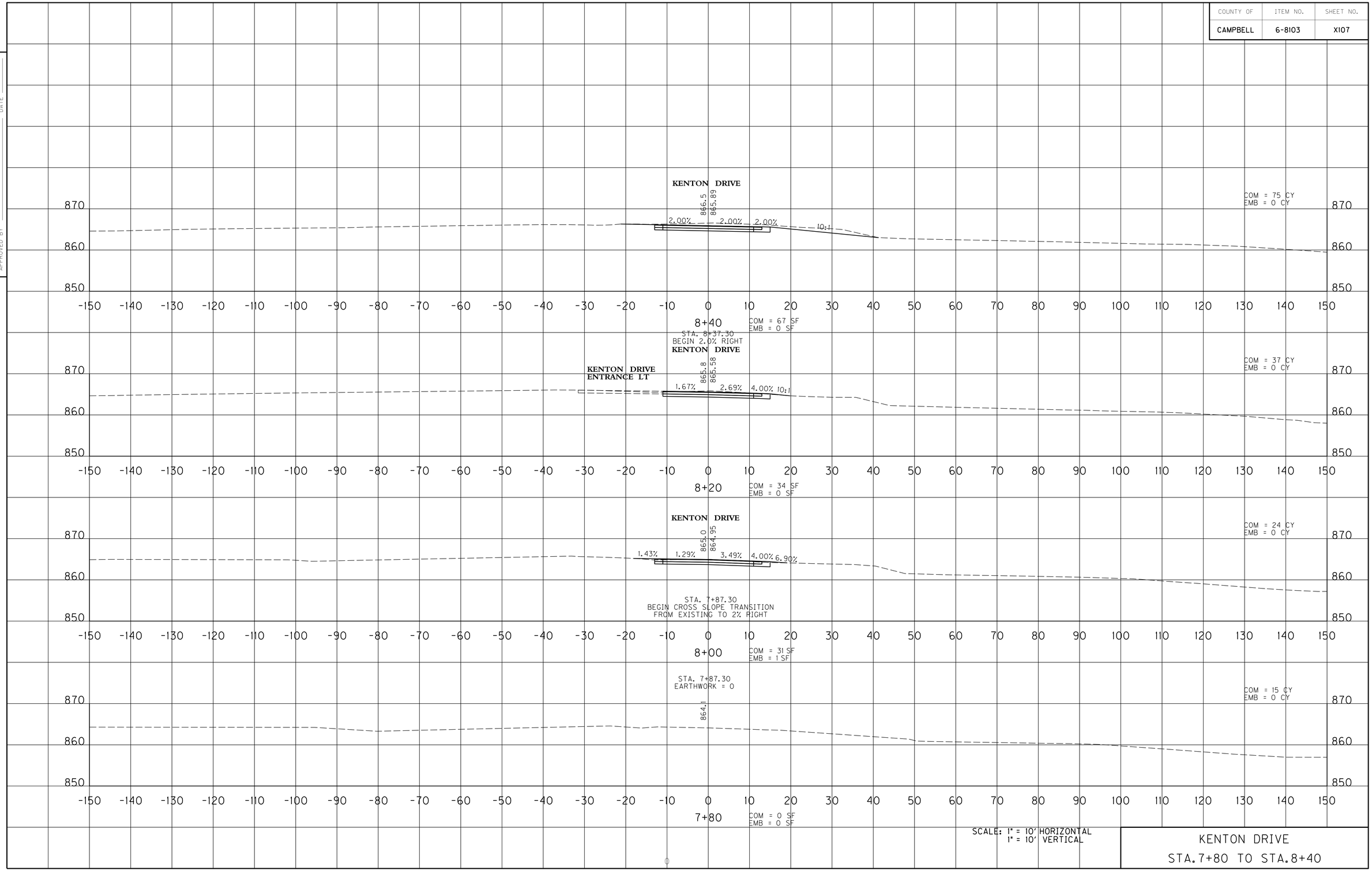
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

ROUNDABOUT REFERENCE LINE "NW"
STA.432+60 TO STA.432+60

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X107

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

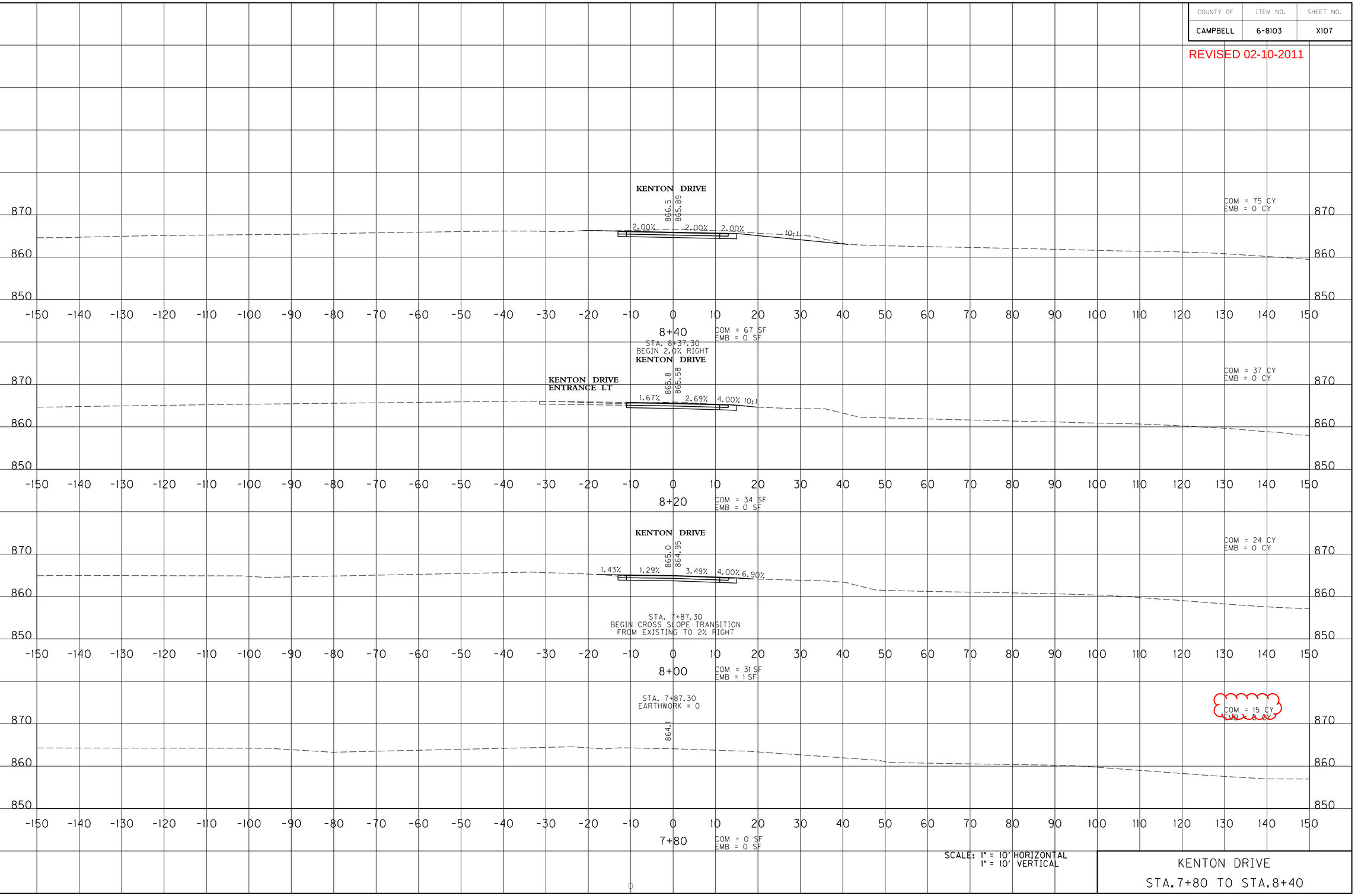
KENTON DRIVE
STA.7+80 TO STA.8+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X107

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

KENTON DRIVE
STA.7+80 TO STA.8+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X109

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

880
870
860
850

-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

JOHNS HILL ROAD
867.8

COM = 0 CY
EMB = 0 CY

9+80
COM = 0 SF
EMB = 0 SF

STA. 9+74.34
D.E.A. EARTHWORK

KENTON DRIVE
868.4
866.49

JOHNS HILL ROAD
6.00%
1.95%
1.84%
0.40%
JOHNS HILL ROAD

COM = 113 CY
EMB = 0 CY

9+60
COM = 213 SF
EMB = 0 SF

KENTON DRIVE
869.2
866.39

4.00%
2.00%
2.06%
1.91%
2.00%
4.00%

COM = 154 CY
EMB = 0 CY

9+40
COM = 203 SF
EMB = 0 SF

STA. 9+23.55
BEGIN CROSS SLOPE TRANSITION
TO MATCH JOHNS HILL ROAD

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

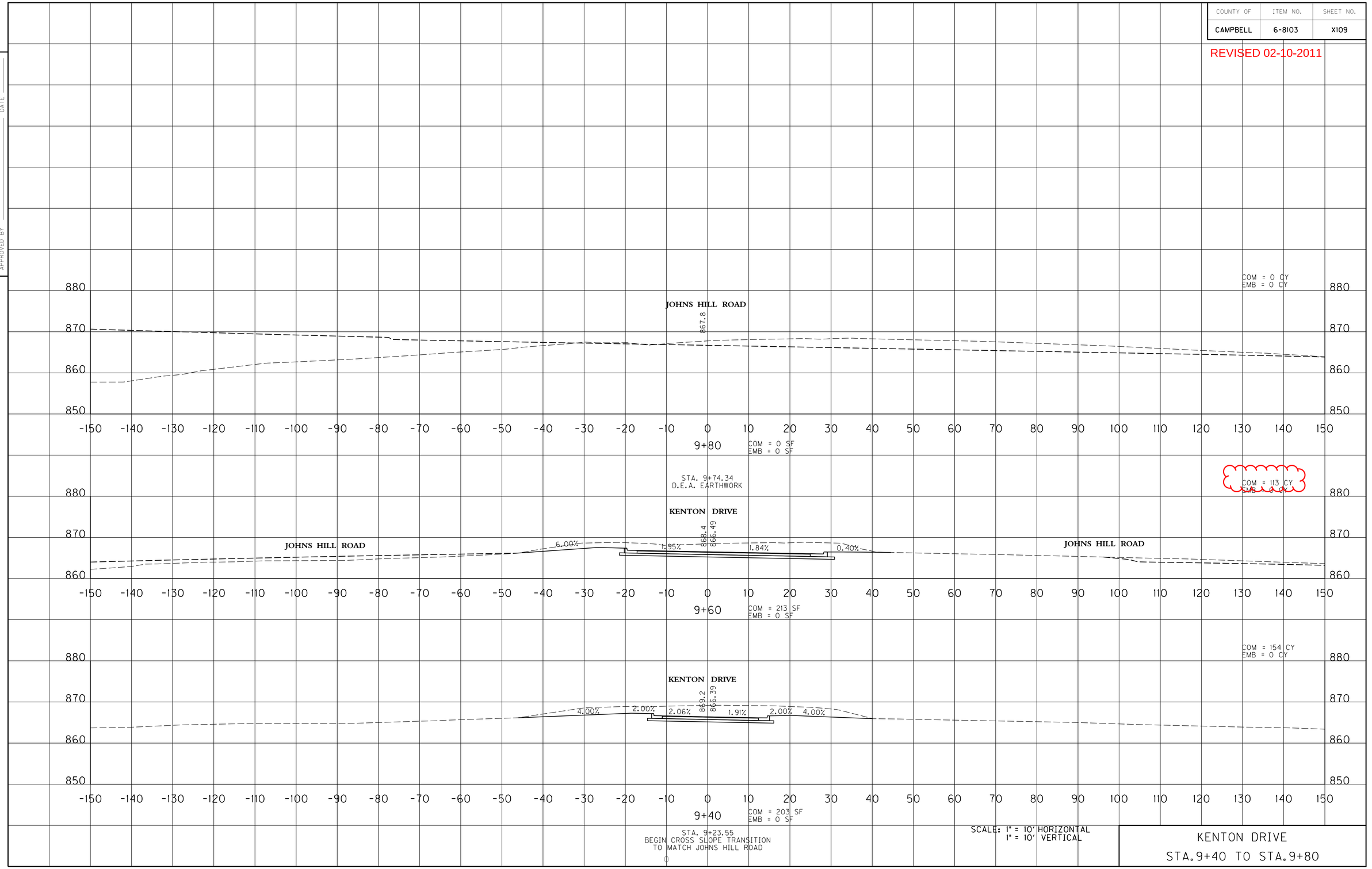
KENTON DRIVE
STA.9+40 TO STA.9+80

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X109

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



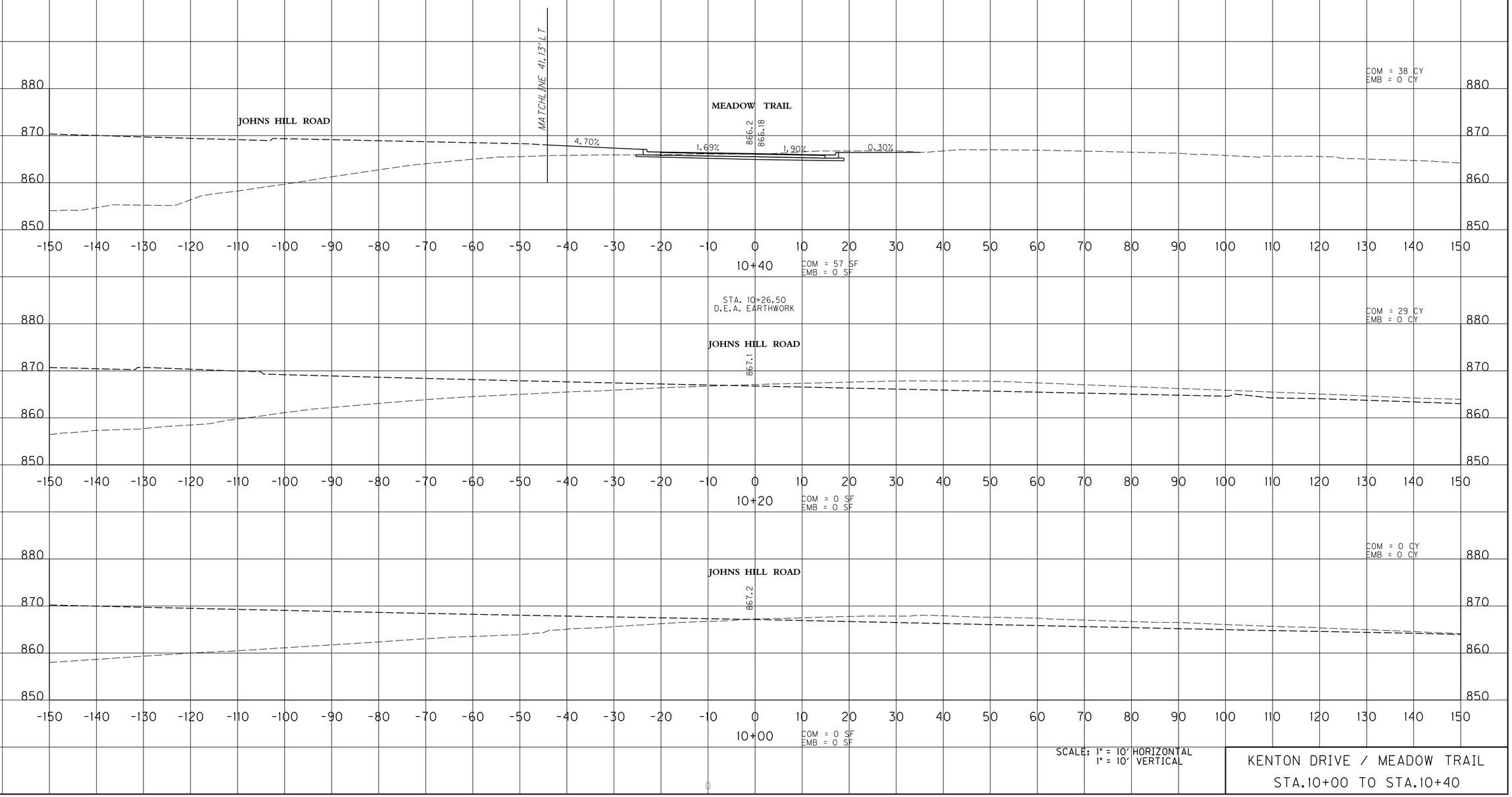
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KENTON DRIVE
STA. 9+40 TO STA. 9+80

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X110

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

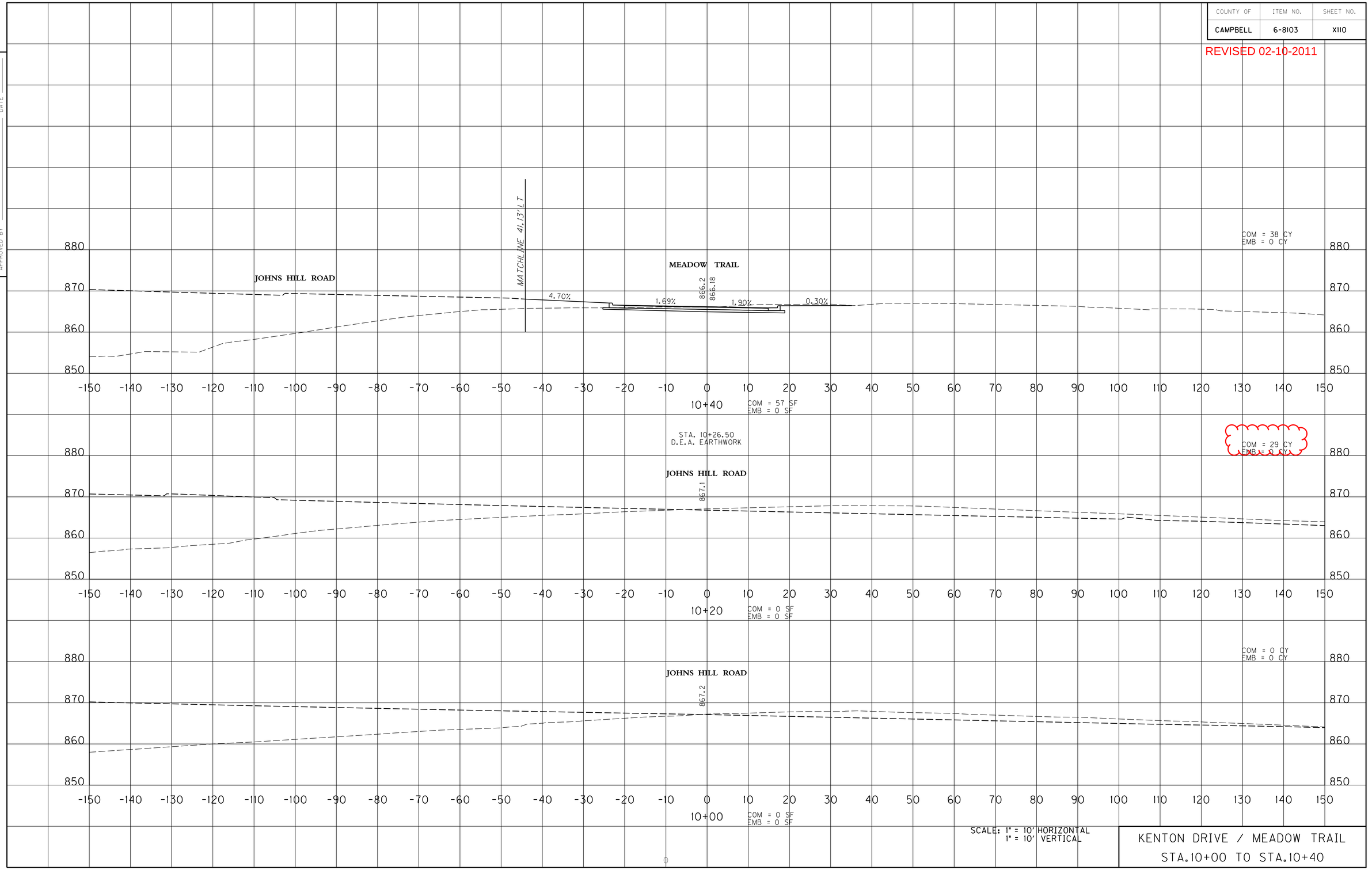
KENTON DRIVE / MEADOW TRAIL
STA.10+00 TO STA.10+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X110

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



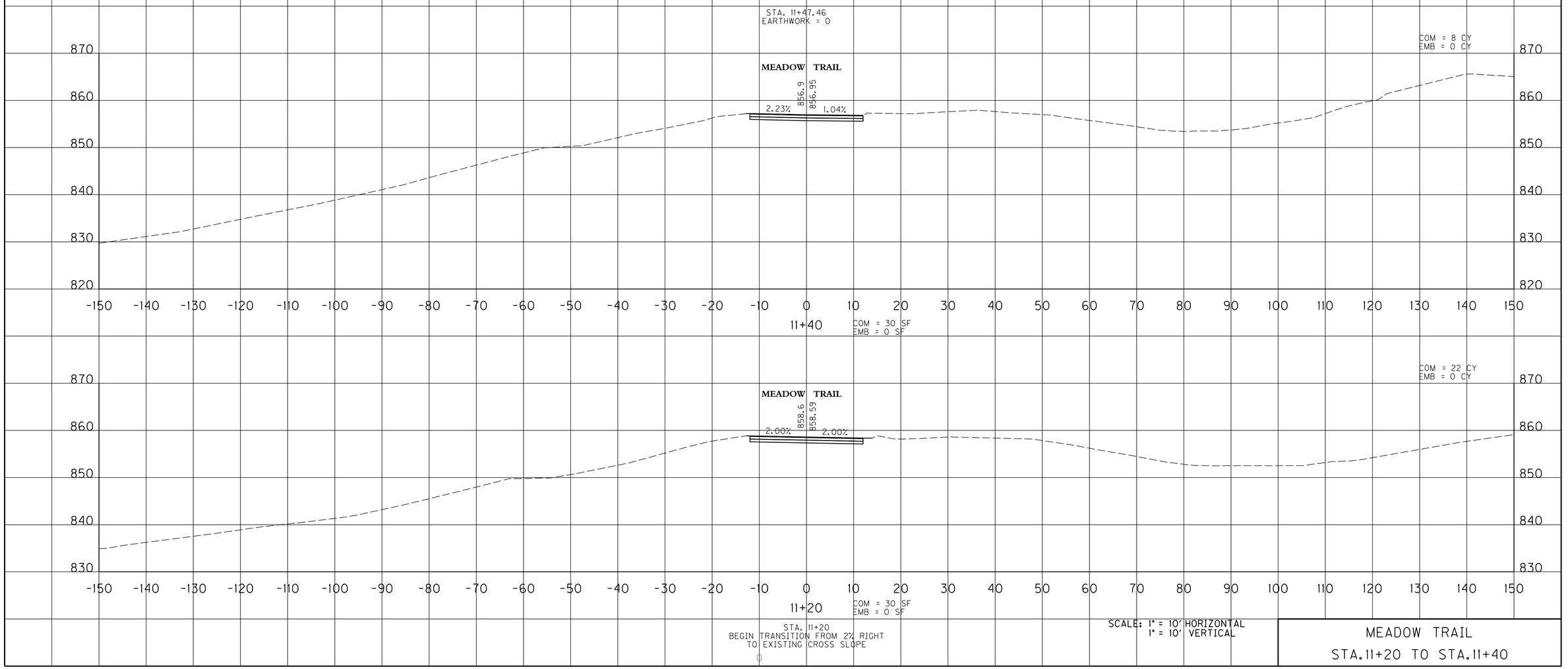
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KENTON DRIVE / MEADOW TRAIL
STA.10+00 TO STA.10+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X112

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



MEADOW TRAIL
STA.11+20 TO STA.11+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X112

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

STA. 11+47.46
EARTHWORK = 0

COM = 8 CY
EMB = 0 CY

MEADOW TRAIL

856.9 856.95

2.23% 1.04%

870
860
850
840
830
820

-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

11+40

COM = 30 SF
EMB = 0 SF

COM = 22 CY
EMB = 0 CY

MEADOW TRAIL

858.6 858.59

2.00% 2.00%

11+20

COM = 30 SF
EMB = 0 SF

STA. 11+20
BEGIN TRANSITION FROM 2% RIGHT
TO EXISTING CROSS SLOPE

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

MEADOW TRAIL
STA.11+20 TO STA.11+40

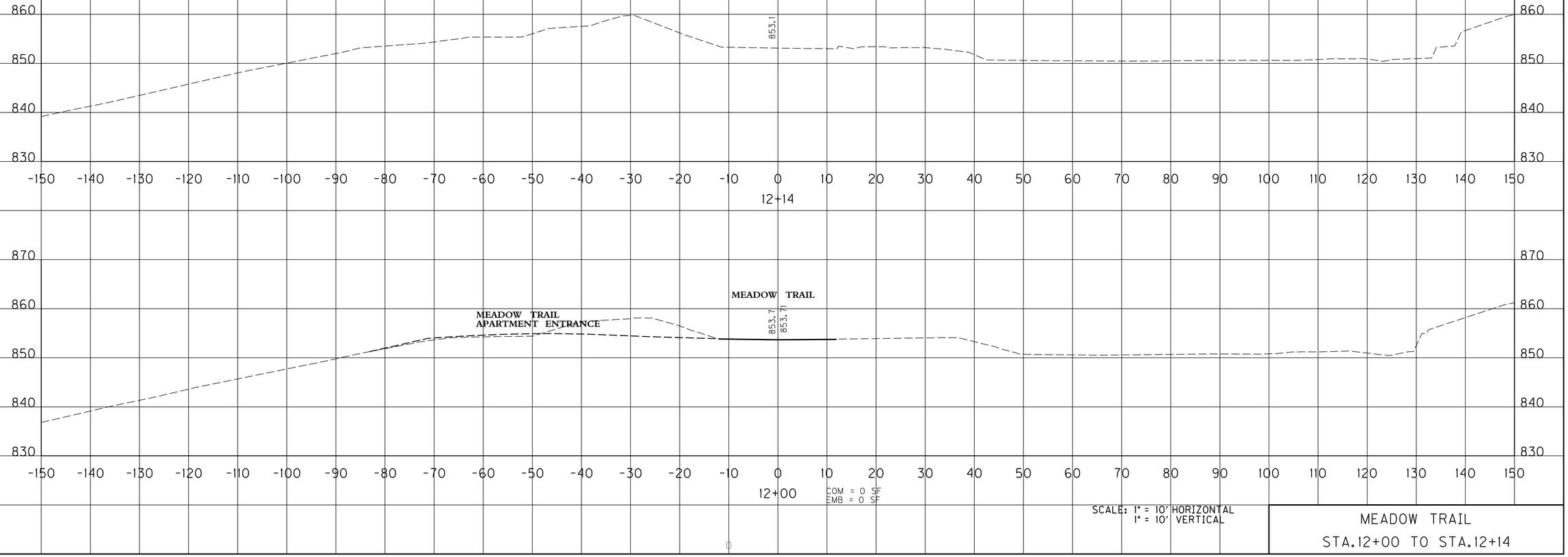
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X114

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
KENTON DRIVE
MEADOW TRAIL

Com Exc. = 1,158
Emb = 2



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

MEADOW TRAIL
STA.12+00 TO STA.12+14

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X114

REVISED 02-10-2011

Earthwork Quantities
KENTON DRIVE
MEADOW TRAIL

Com Exc. = 1,158
Emb = 2

PREPARED BY DATE
CHECKED BY DATE
APPROVED BY DATE

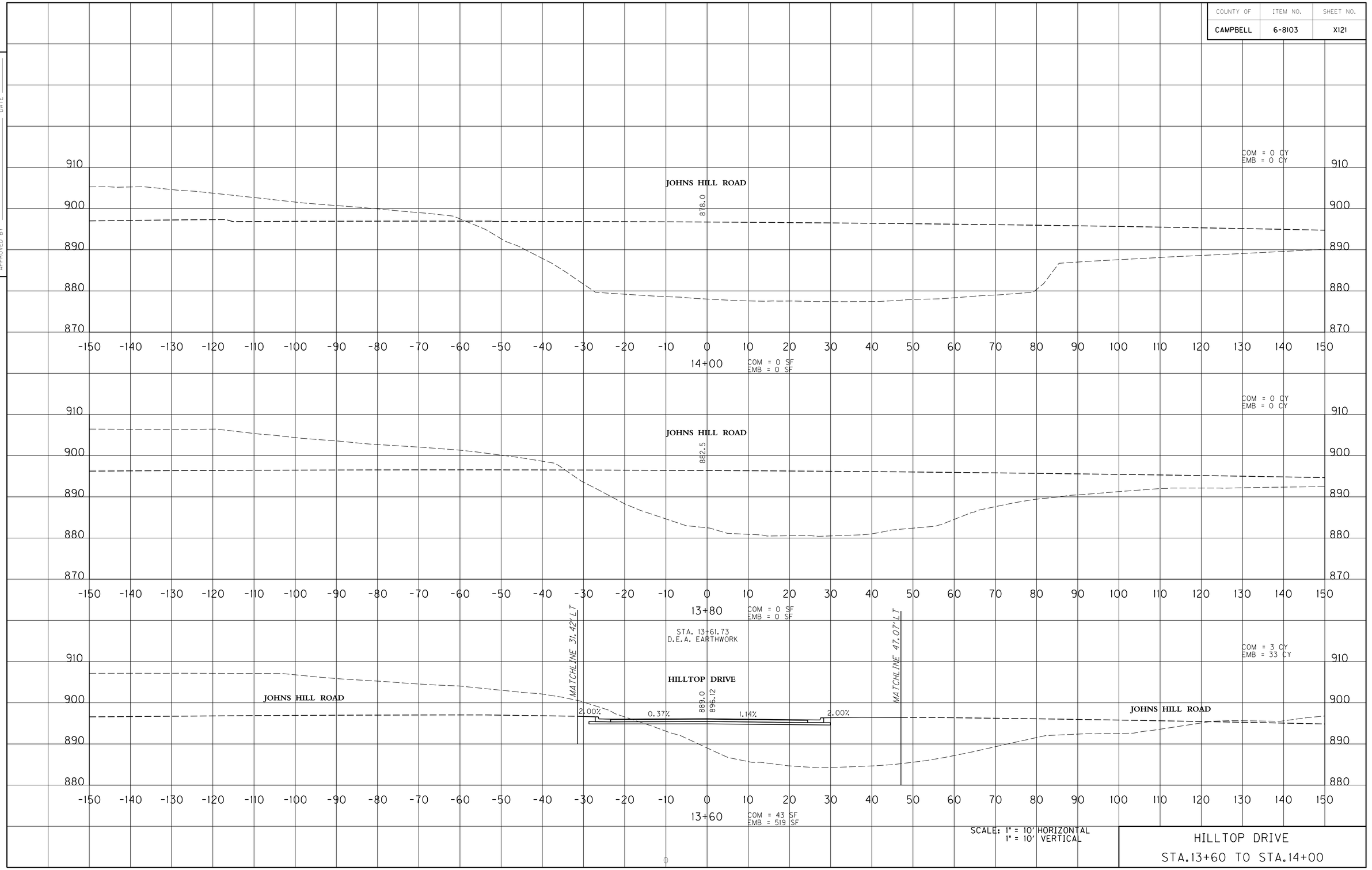
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

MEADOW TRAIL
STA.12+00 TO STA.12+14

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X121

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

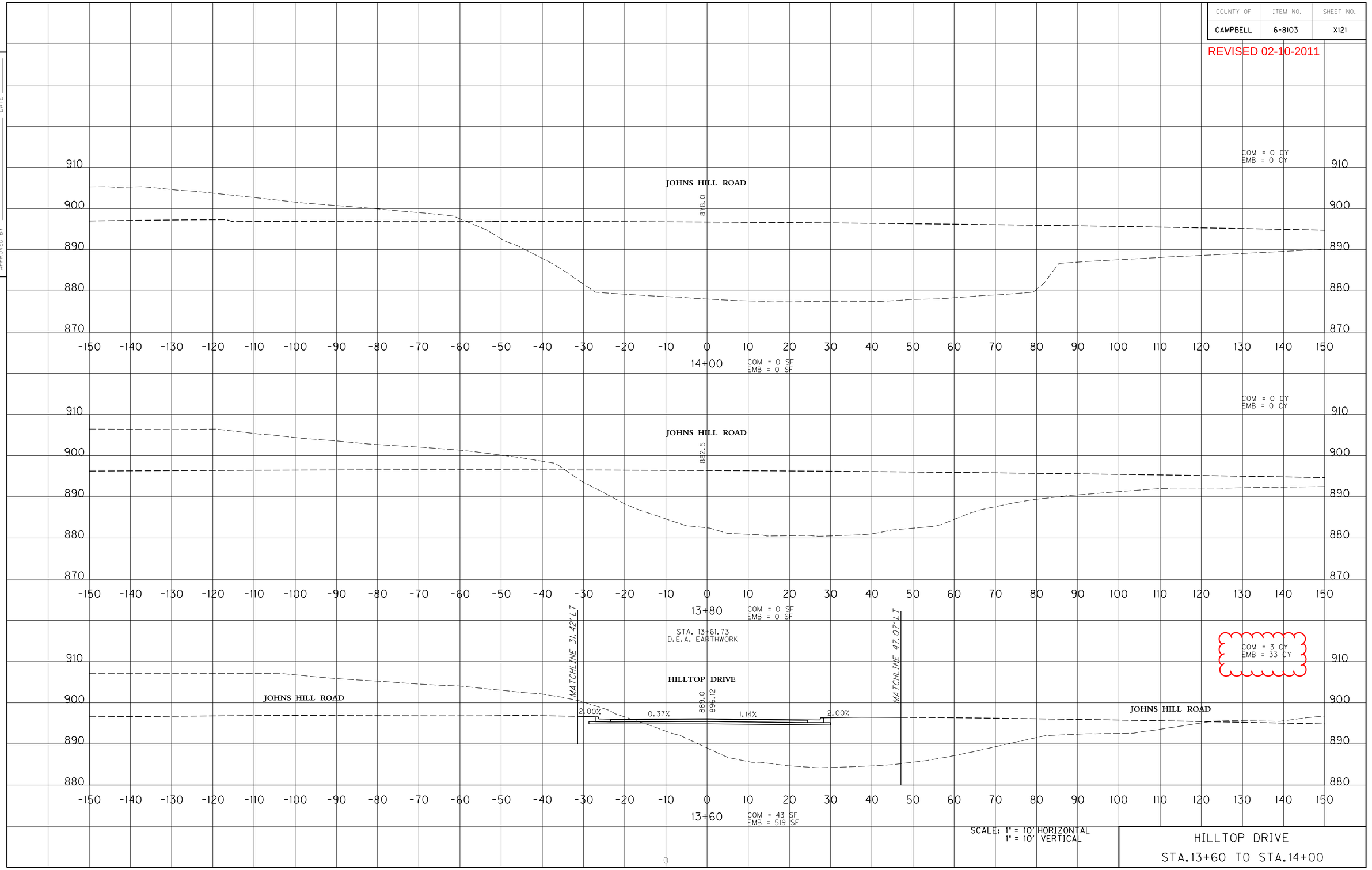
HILLTOP DRIVE
STA.13+60 TO STA.14+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X121

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



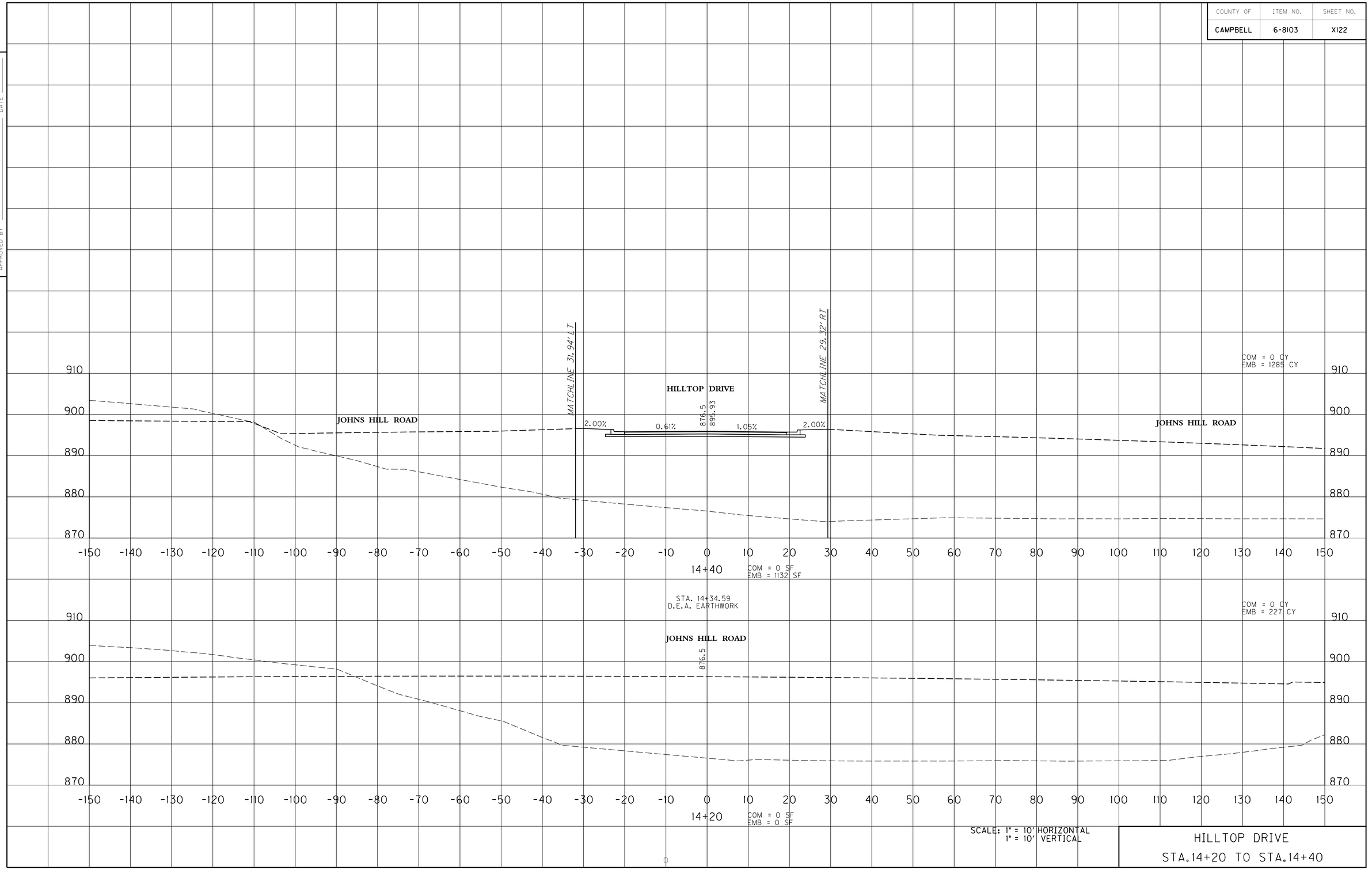
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

HILLTOP DRIVE
STA.13+60 TO STA.14+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X122

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



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

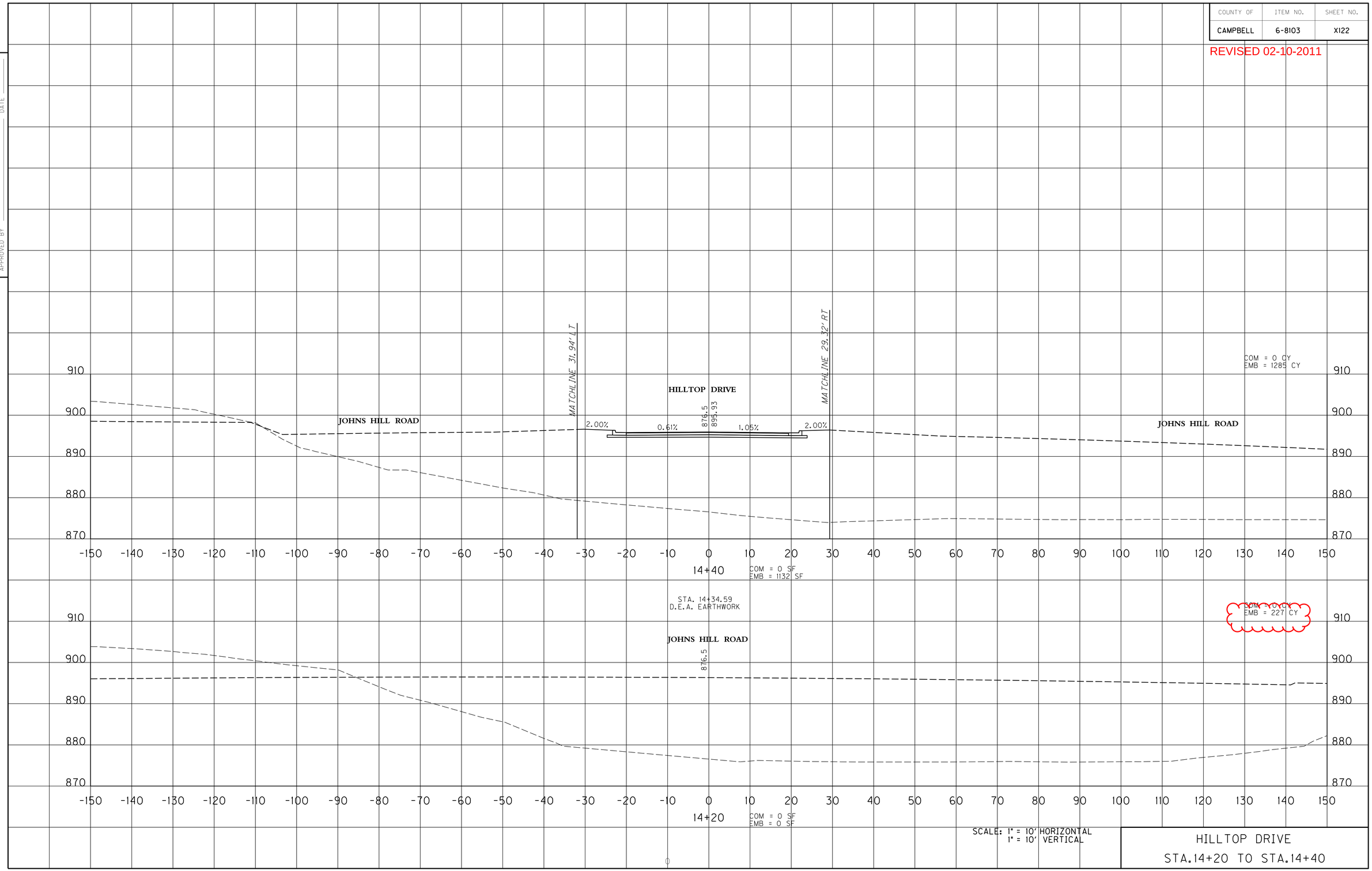
HILLTOP DRIVE
STA.14+20 TO STA.14+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specifications$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X122

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

HILLTOP DRIVE
STA.14+20 TO STA.14+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specifications$$$$
E-SHEET NAME:

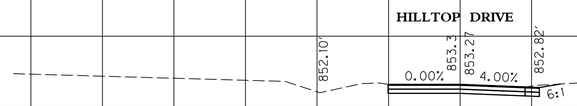
COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X133

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
HILLTOP DRIVE

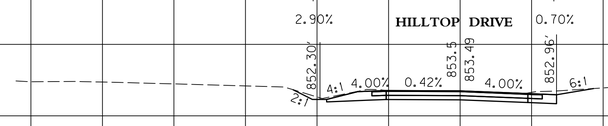
Com Exc. = 5,123
Emb = 15,501

STA. 20+66.86
EARTHWORK = 0



STA. 20+66.86 LT
END SPCL. 2' F.B. DITCH
ELEV. 852.10'

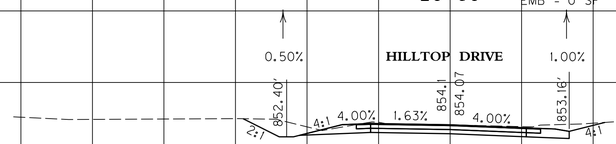
20+66.86



COM = 8 CY
EMB = 0 CY

20+60

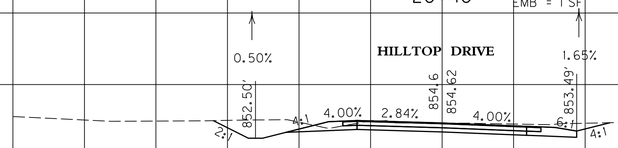
COM = 33 SF
EMB = 0 SF



COM = 31 CY
EMB = 0 CY

20+40

COM = 50 SF
EMB = 1 SF



COM = 41 CY
EMB = 1 CY

20+20

COM = 60 SF
EMB = 3 SF

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

HILLTOP DRIVE
STA.20+20 TO STA.20+67

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X133

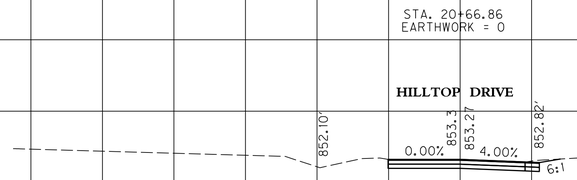
REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
HILLTOP DRIVE

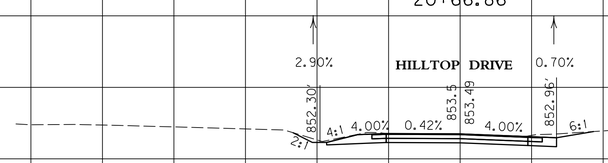
Com Exc. = 5,123
Emb = 15,501

STA. 20+66.86
EARTHWORK = 0



STA. 20+66.86 LT
END SPCL. 2' F.B. DITCH
ELEV. 852.10'

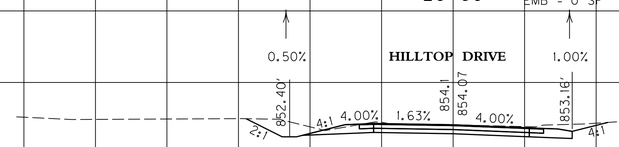
20+66.86



COM = 8 CY
EMB = 0 CY

20+60

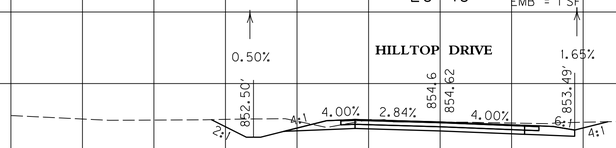
COM = 33 SF
EMB = 0 SF



COM = 31 CY
EMB = 0 CY

20+40

COM = 50 SF
EMB = 1 SF



COM = 41 CY
EMB = 1 CY

20+20

COM = 60 SF
EMB = 3 SF

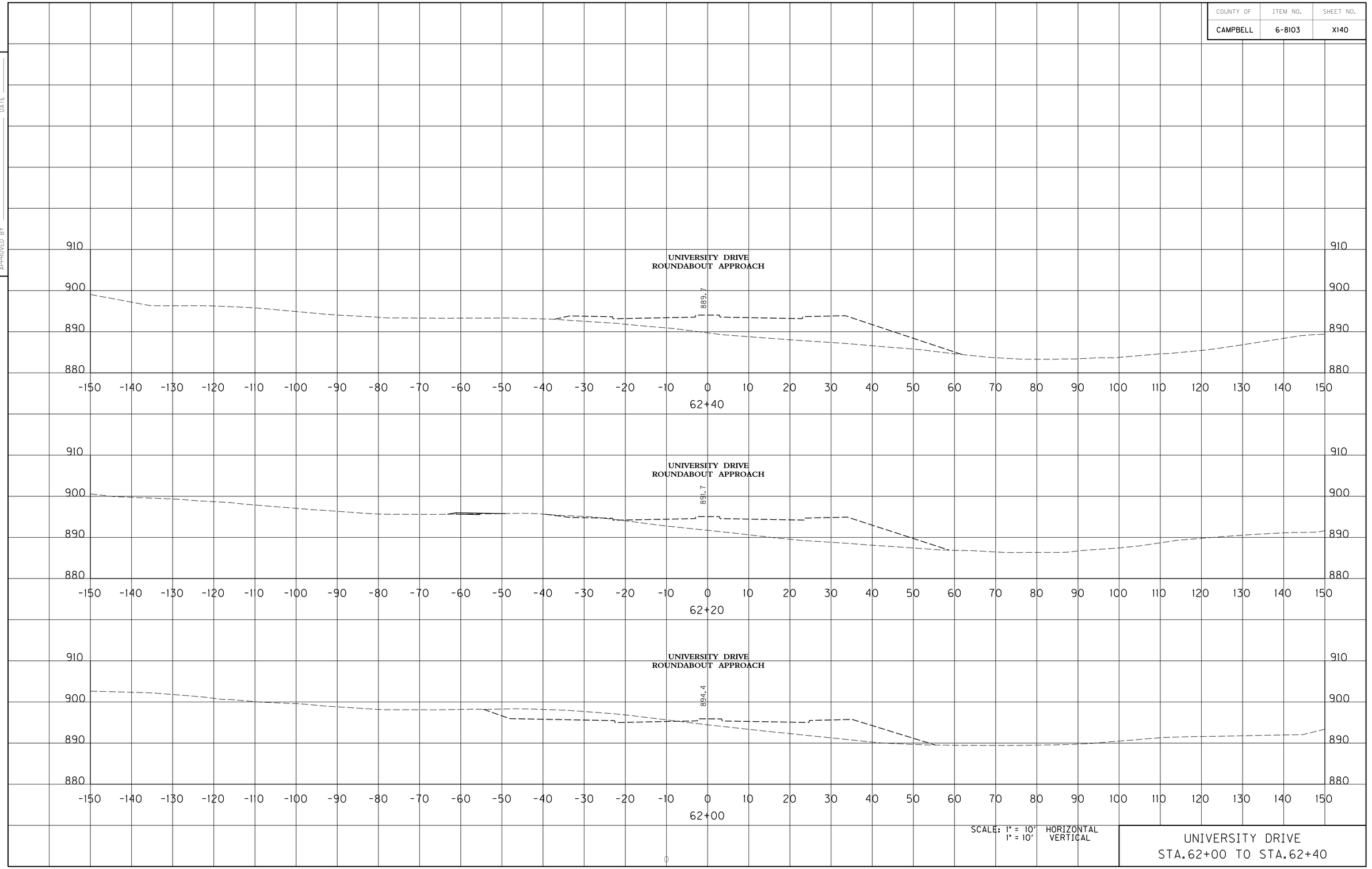
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

HILLTOP DRIVE
STA.20+20 TO STA.20+67

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X140

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

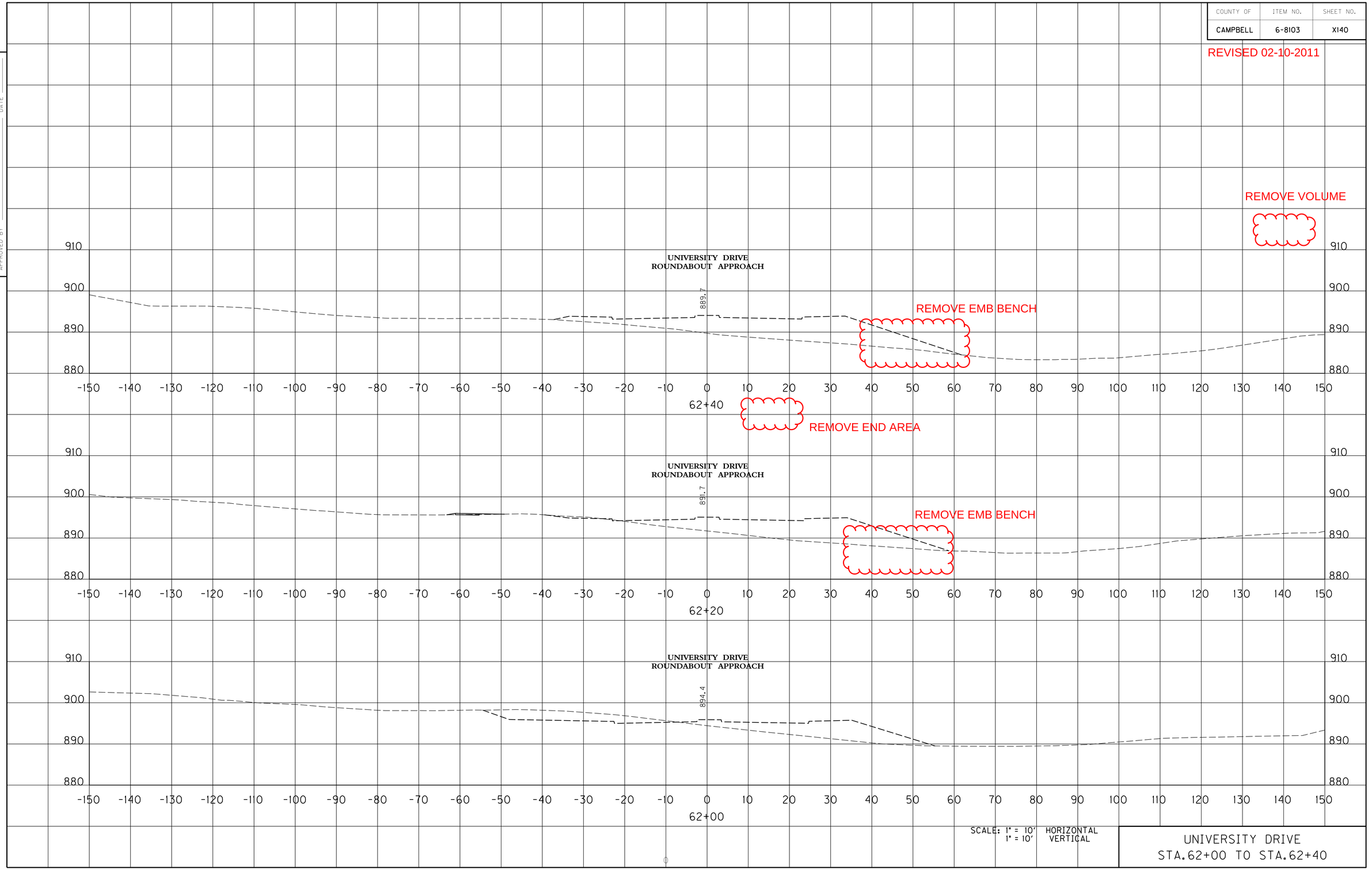
UNIVERSITY DRIVE
STA.62+00 TO STA.62+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X140

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



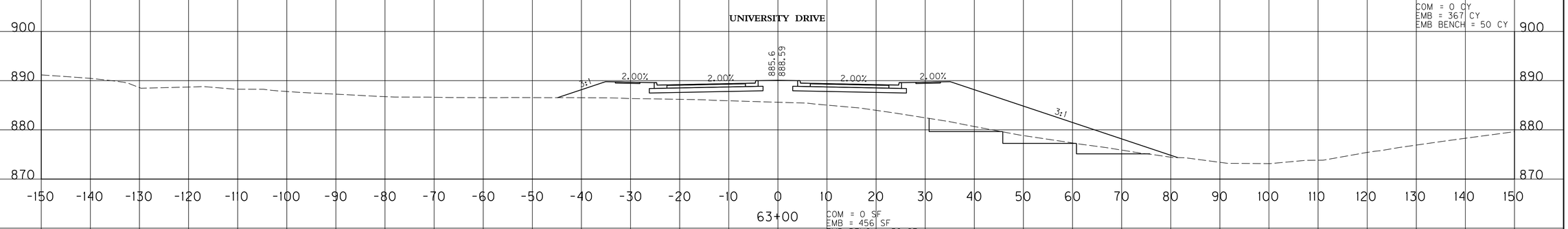
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

UNIVERSITY DRIVE
STA.62+00 TO STA.62+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

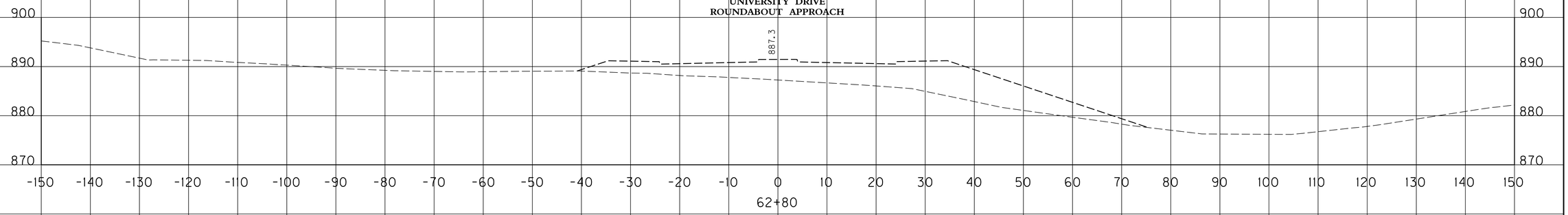
COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X141

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

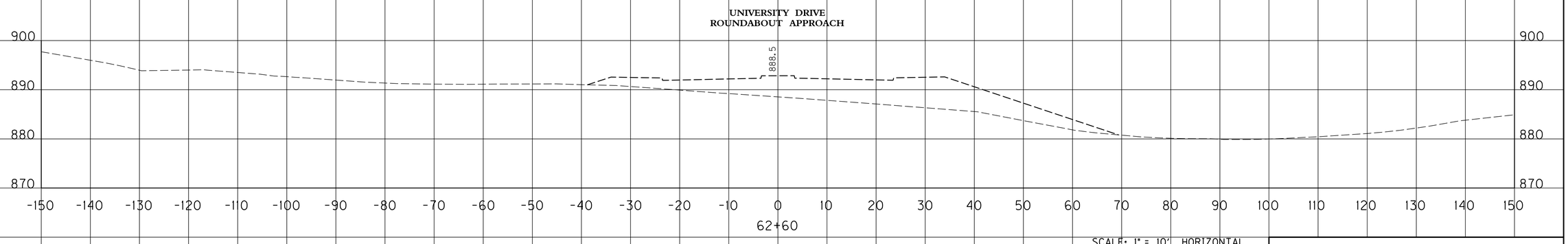


63+00

COM = 0 SF
EMB = 456 SF
EMB BENCH = 52 SF



62+80



62+60

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

UNIVERSITY DRIVE
STA.62+60 TO STA.63+00

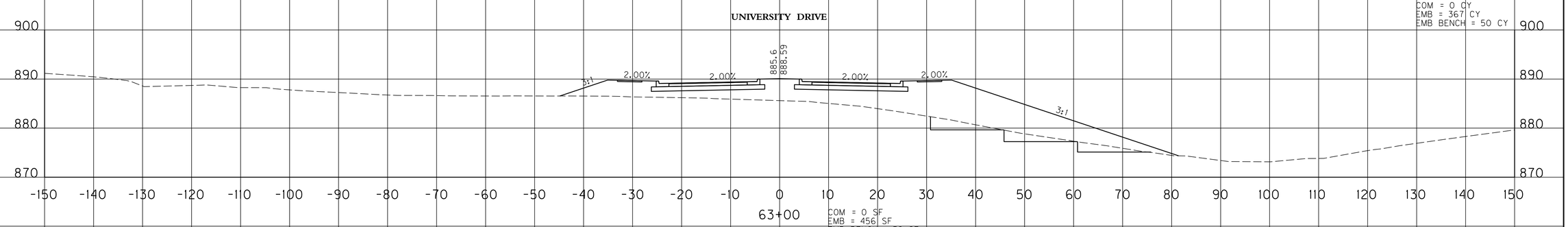
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X141

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

UNIVERSITY DRIVE

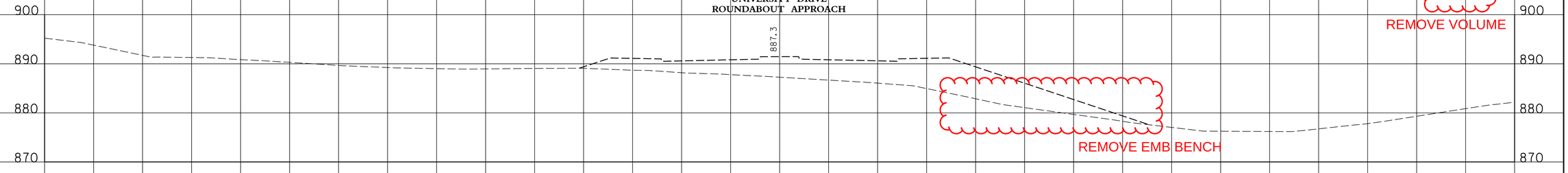


COM = 0 CY
EMB = 367 CY
EMB BENCH = 50 CY

63+00

COM = 0 SF
EMB = 456 SF
EMB BENCH = 52 SF

UNIVERSITY DRIVE
ROUNDABOUT APPROACH



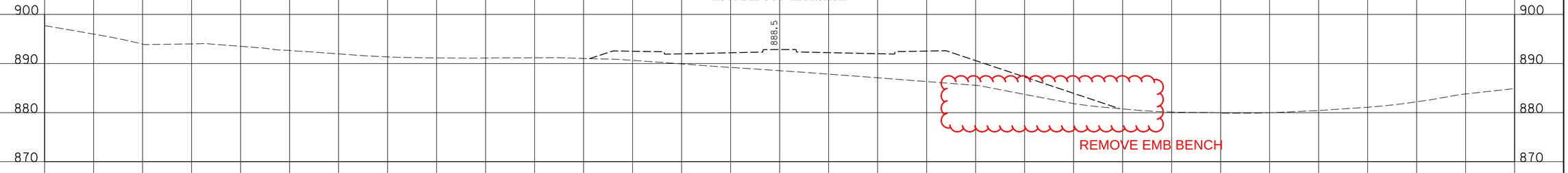
REMOVE VOLUME

REMOVE EMB BENCH

62+80

REMOVE END AREA

UNIVERSITY DRIVE
ROUNDABOUT APPROACH



REMOVE EMB BENCH

62+60

REMOVE END AREA

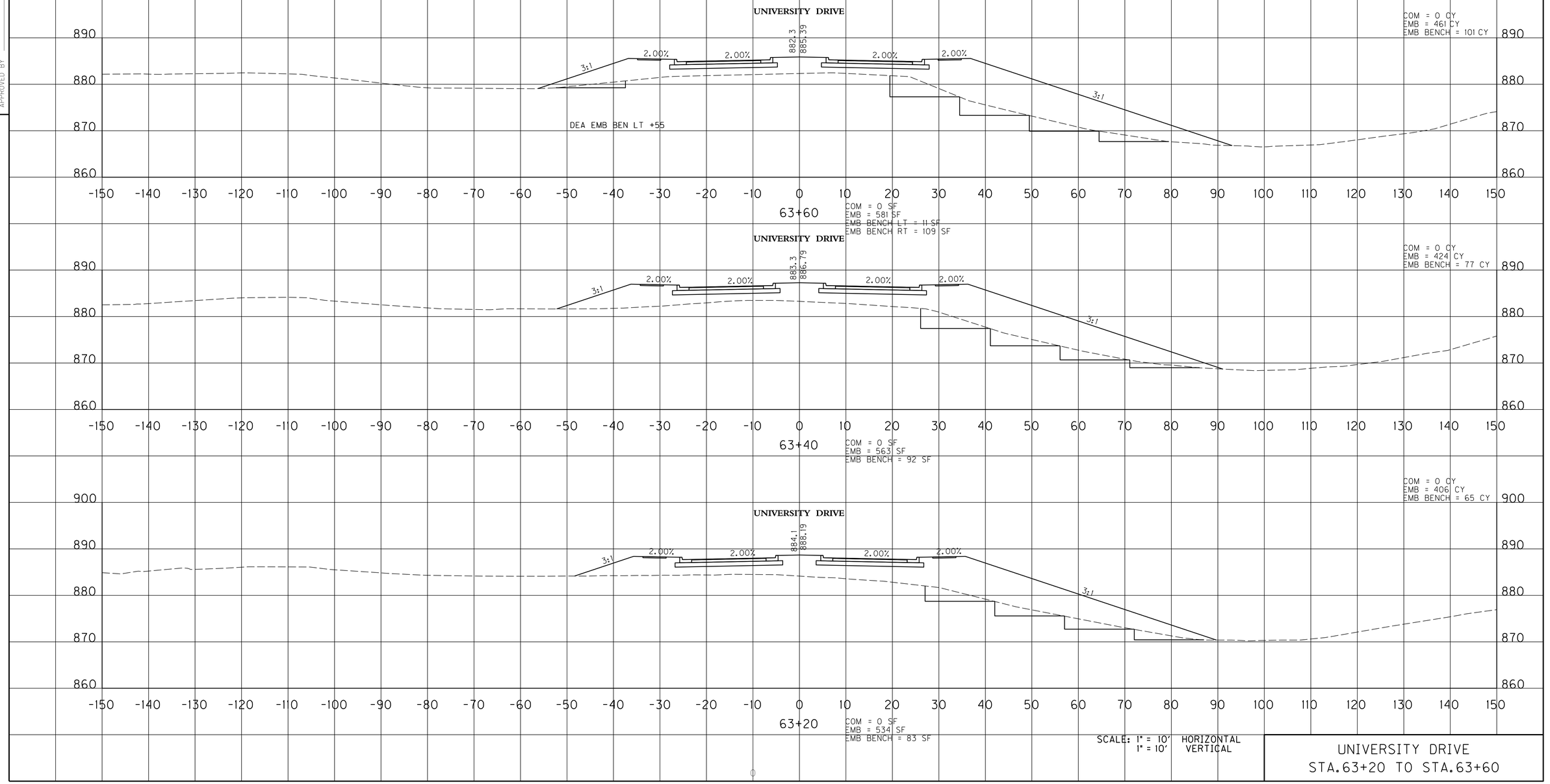
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

UNIVERSITY DRIVE
STA.62+60 TO STA.63+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X142

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

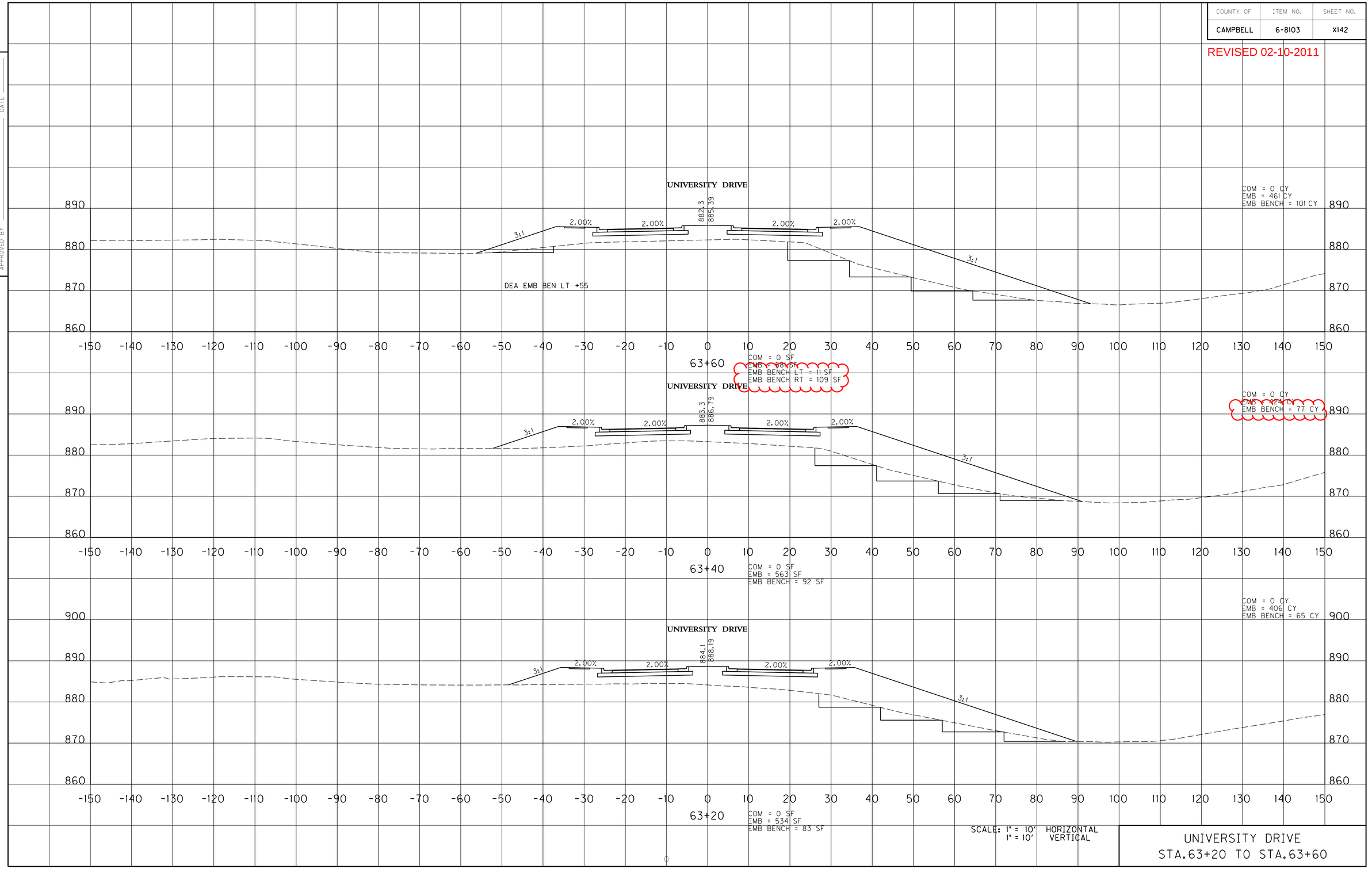
UNIVERSITY DRIVE
STA.63+20 TO STA.63+60

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X142

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



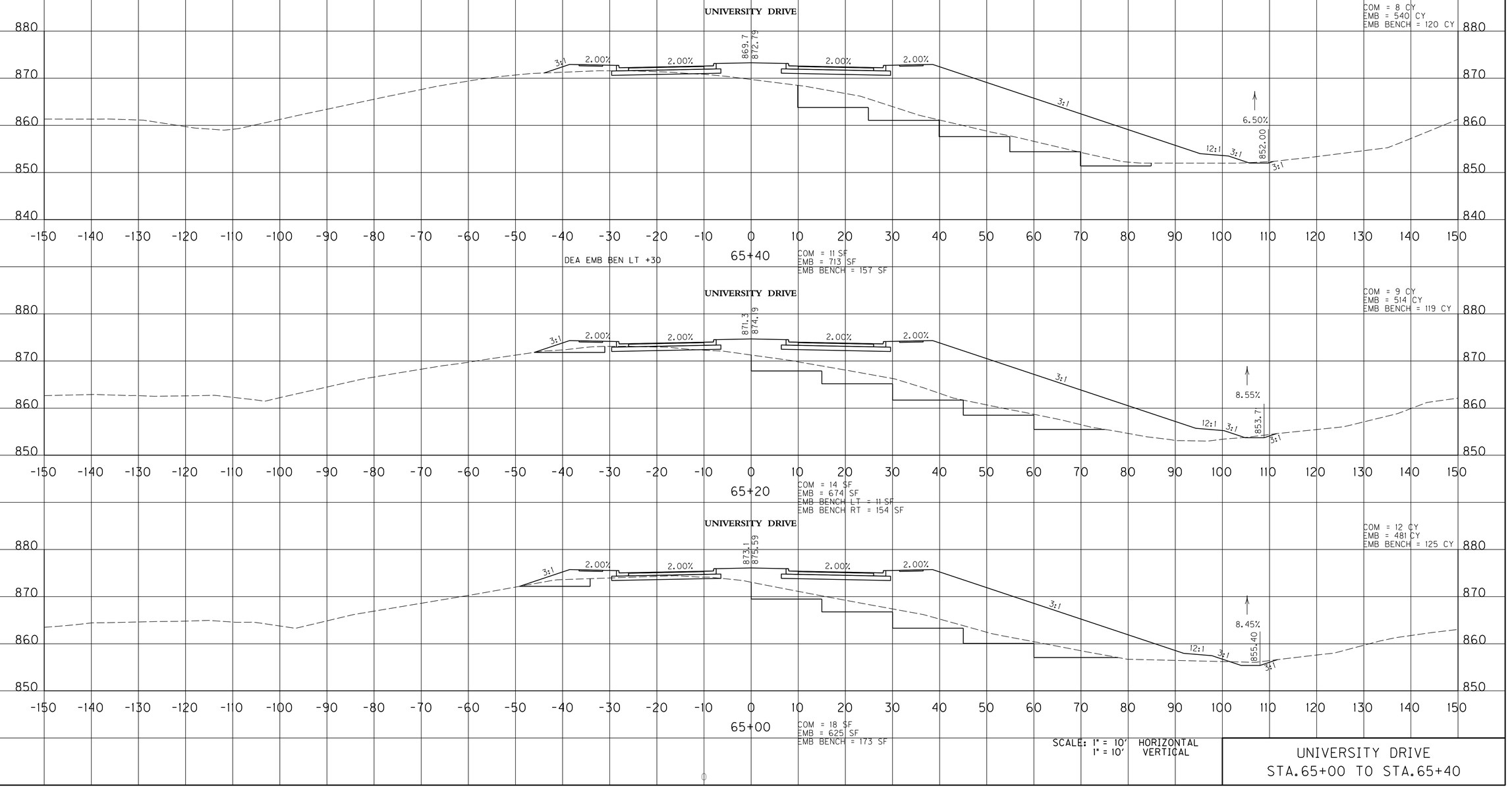
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

UNIVERSITY DRIVE
STA.63+20 TO STA.63+60

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X145

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

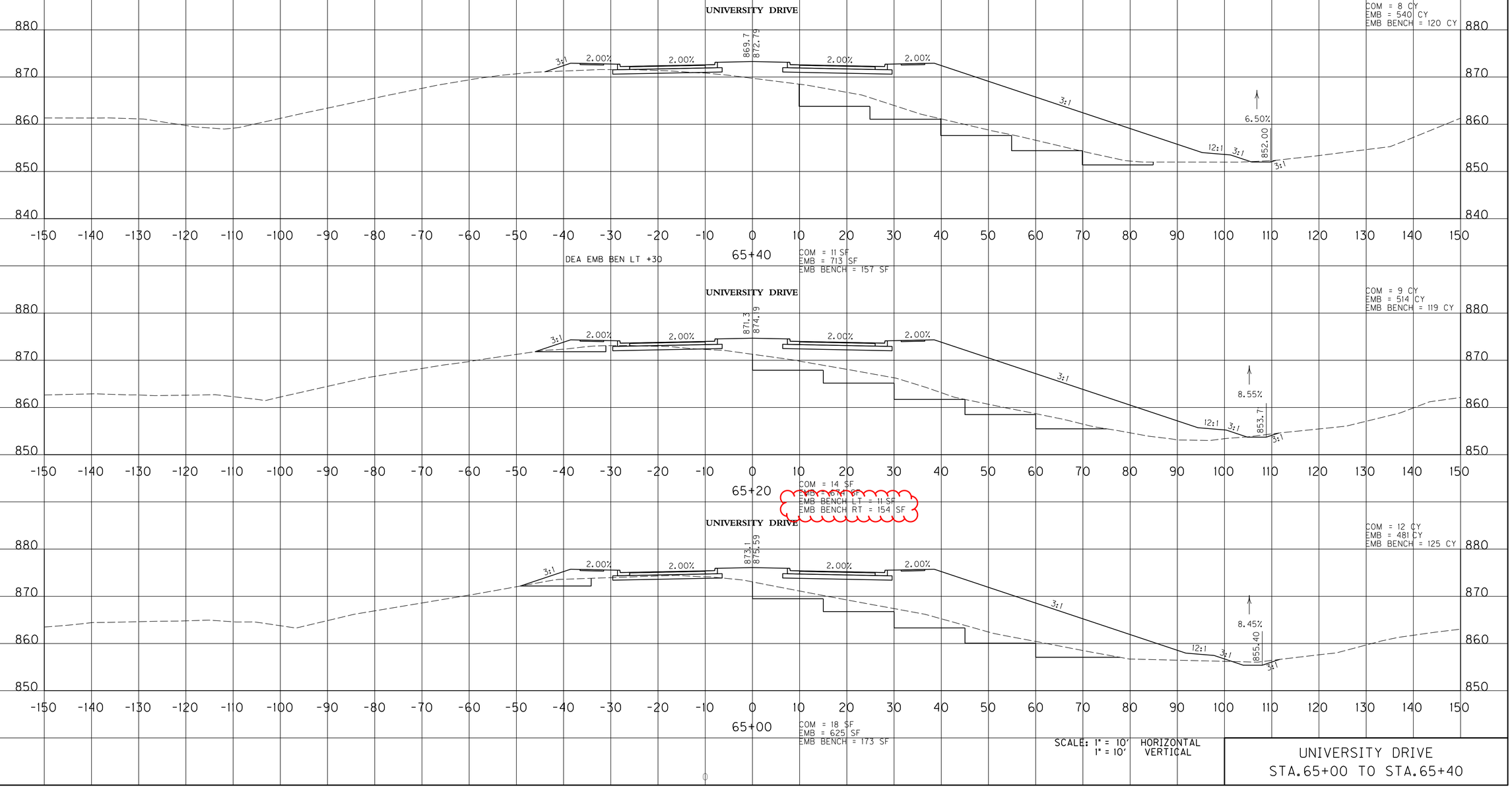
UNIVERSITY DRIVE
STA.65+00 TO STA.65+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X145

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



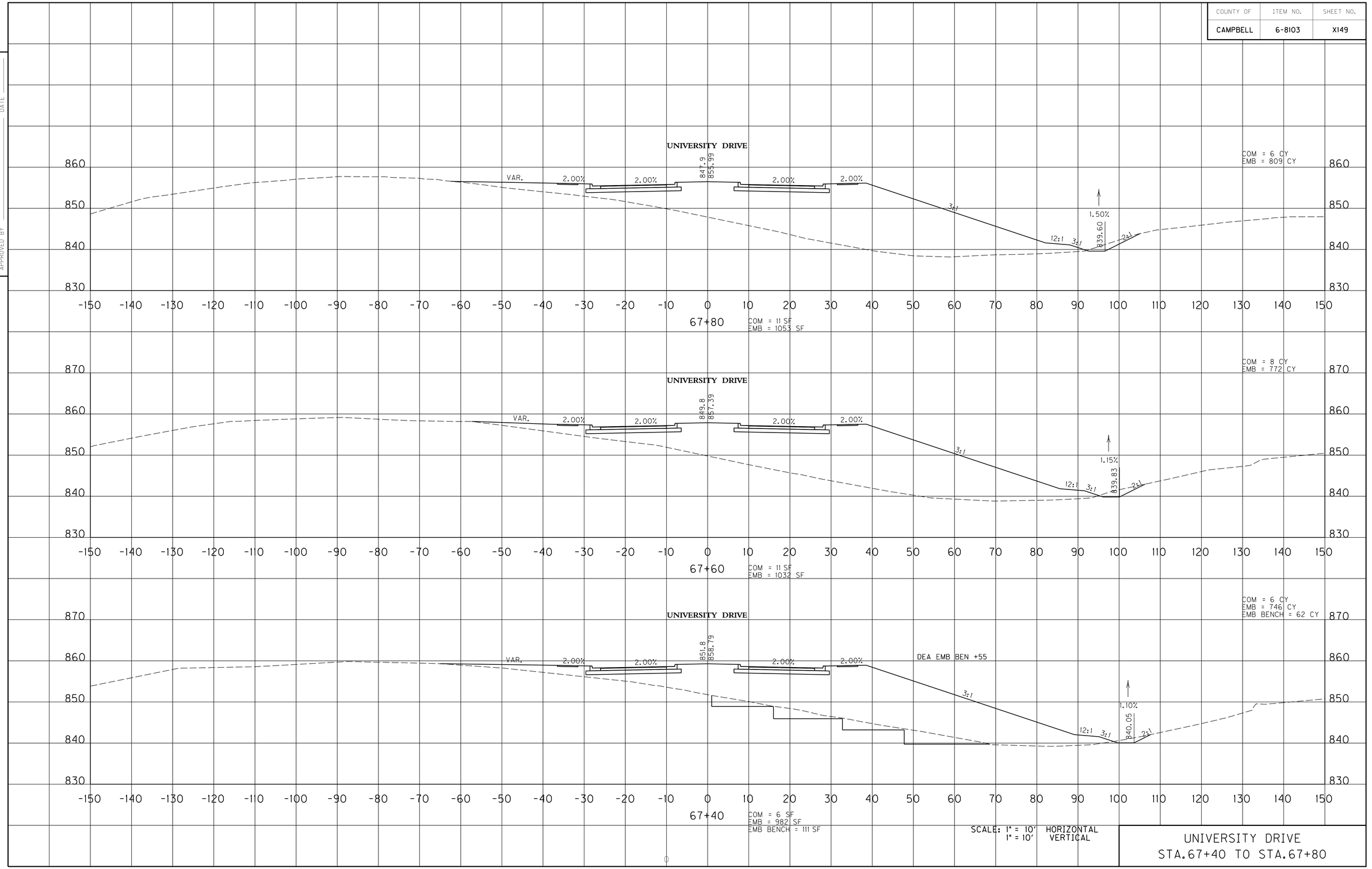
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

UNIVERSITY DRIVE
STA.65+00 TO STA.65+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X149

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

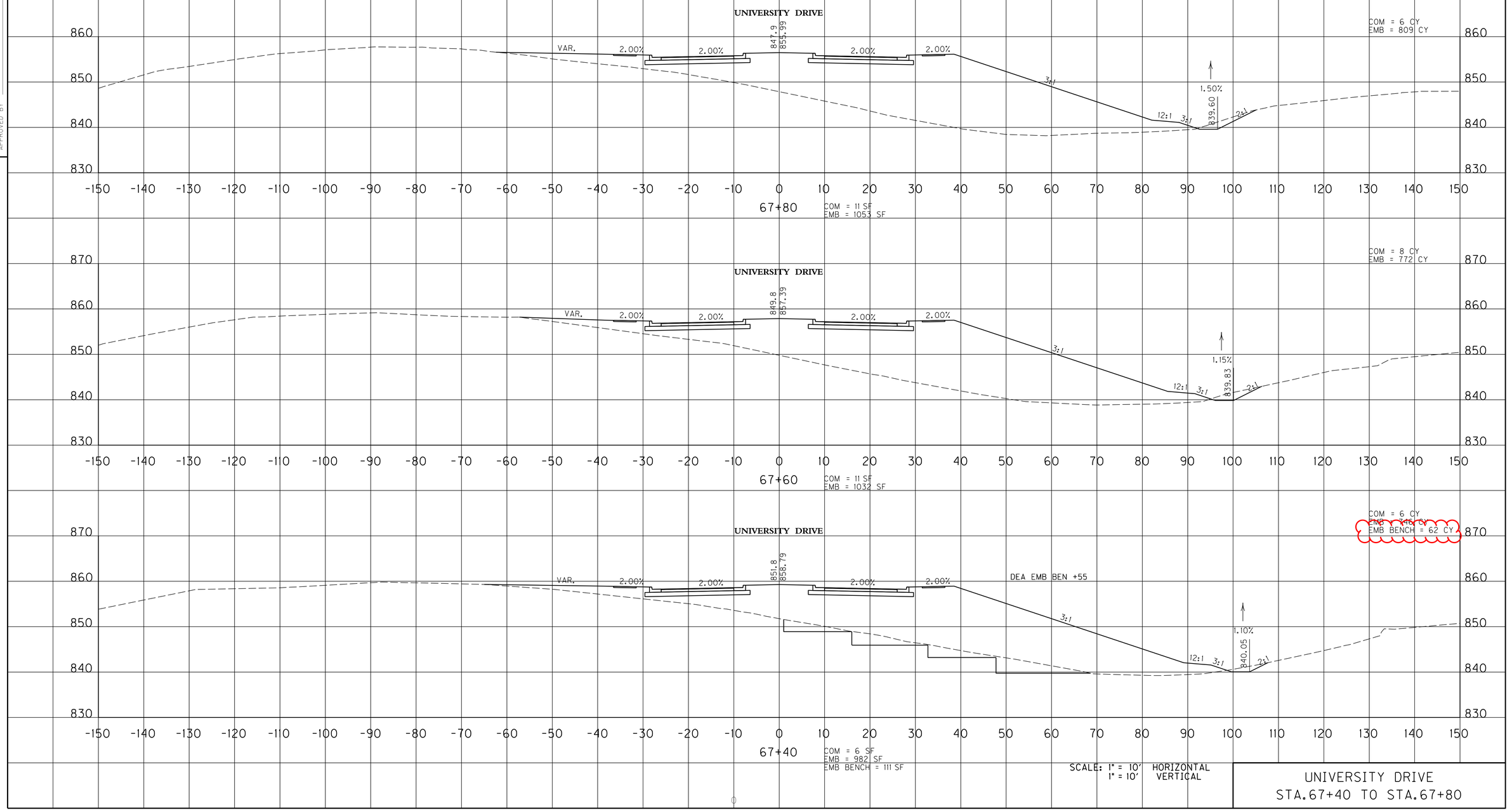
UNIVERSITY DRIVE
STA.67+40 TO STA.67+80

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X149

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



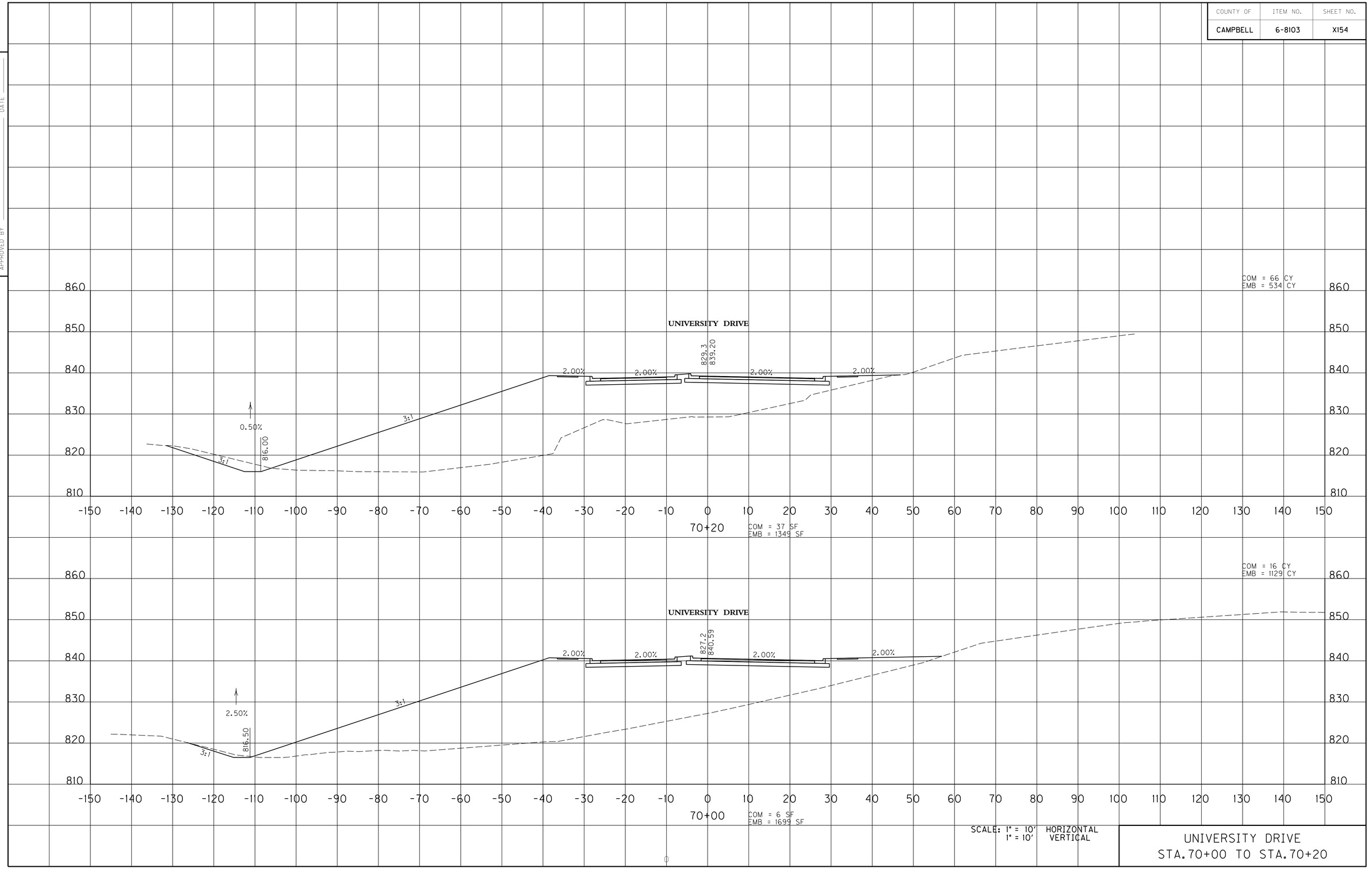
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

UNIVERSITY DRIVE
STA.67+40 TO STA.67+80

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X154

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



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

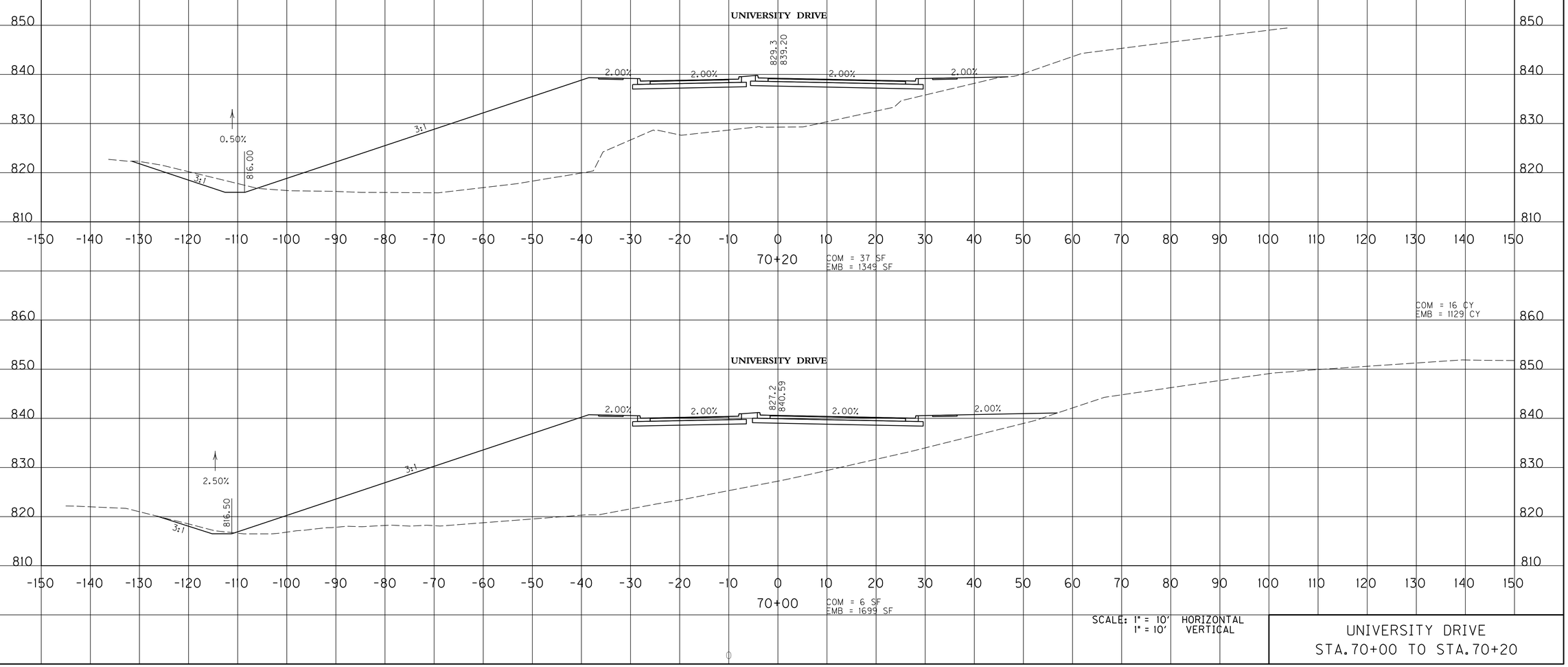
UNIVERSITY DRIVE
STA.70+00 TO STA.70+20

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X154

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



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

UNIVERSITY DRIVE
STA.70+00 TO STA.70+20

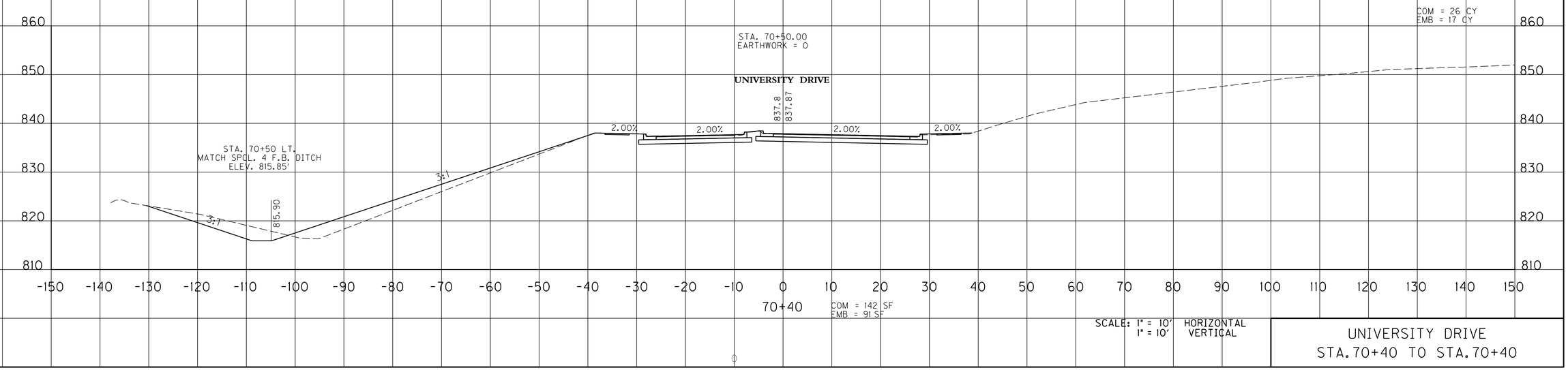
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X155

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
UNIVERSITY DRIVE

Com Exc. = 574
Emb = 27,915
Emb. Bench = 2,716



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

UNIVERSITY DRIVE
STA.70+40 TO STA.70+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

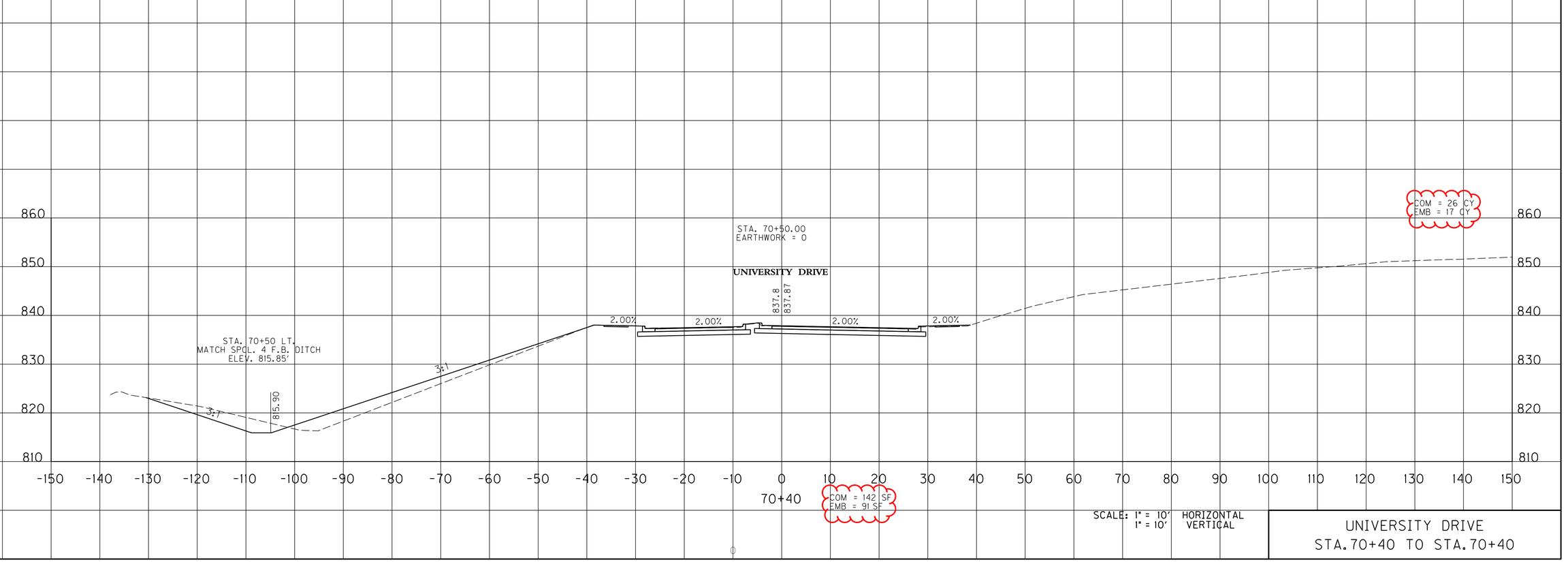
COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X155

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
UNIVERSITY DRIVE

Com Exc. = 574
Emb = 27,915
Emb. Bench = 2,716



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

UNIVERSITY DRIVE
STA.70+40 TO STA.70+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X156

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

STA. 27+00
LEFT LANE CROSS SLOPE = 2% LEFT

OLD JOHNS HILL RD

889.0
888.98

2.00% 2.00% 2.20%

COM = 28 CY
EMB = 0 CY

27+00

STA. 26+80.00
BEGIN SUPERELVATION TRANSITION
FROM EXISTING TO 2% LEFT

COM = 33 SF
EMB = 0 SF

OLD JOHNS HILL RD

888.2
888.16

0.80% 2.34% 3.27%

COM = 23 CY
EMB = 0 CY

26+80

STA. 26+80.00
EARTHWORK = 0

COM = 28 SF
EMB = 0 SF

887.3

26+60

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

JOHNS HILL ROAD TIE
STA.26+60 TO STA.27+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X156

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

STA. 27+00
LEFT LANE CROSS SLOPE = 2% LEFT

OLD JOHNS HILL RD

889.0
888.98

2.00% 2.00% 2.20%

COM = 28 CY
EMB = 0 CY

27+00

STA. 26+80.00
BEGIN SUPERELVATION TRANSITION
FROM EXISTING TO 2% LEFT

COM = 33 SF
EMB = 0 SF

OLD JOHNS HILL RD

888.2
888.16

0.80% 2.34% 3.27%

COM = 23 CY
EMB = 0 CY

26+80

STA. 26+80.00
EARTHWORK = 0

COM = 28 SF
EMB = 0 SF

887.3

REMOVE VOLUME

26+60

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

JOHNS HILL ROAD TIE
STA.26+60 TO STA.27+00

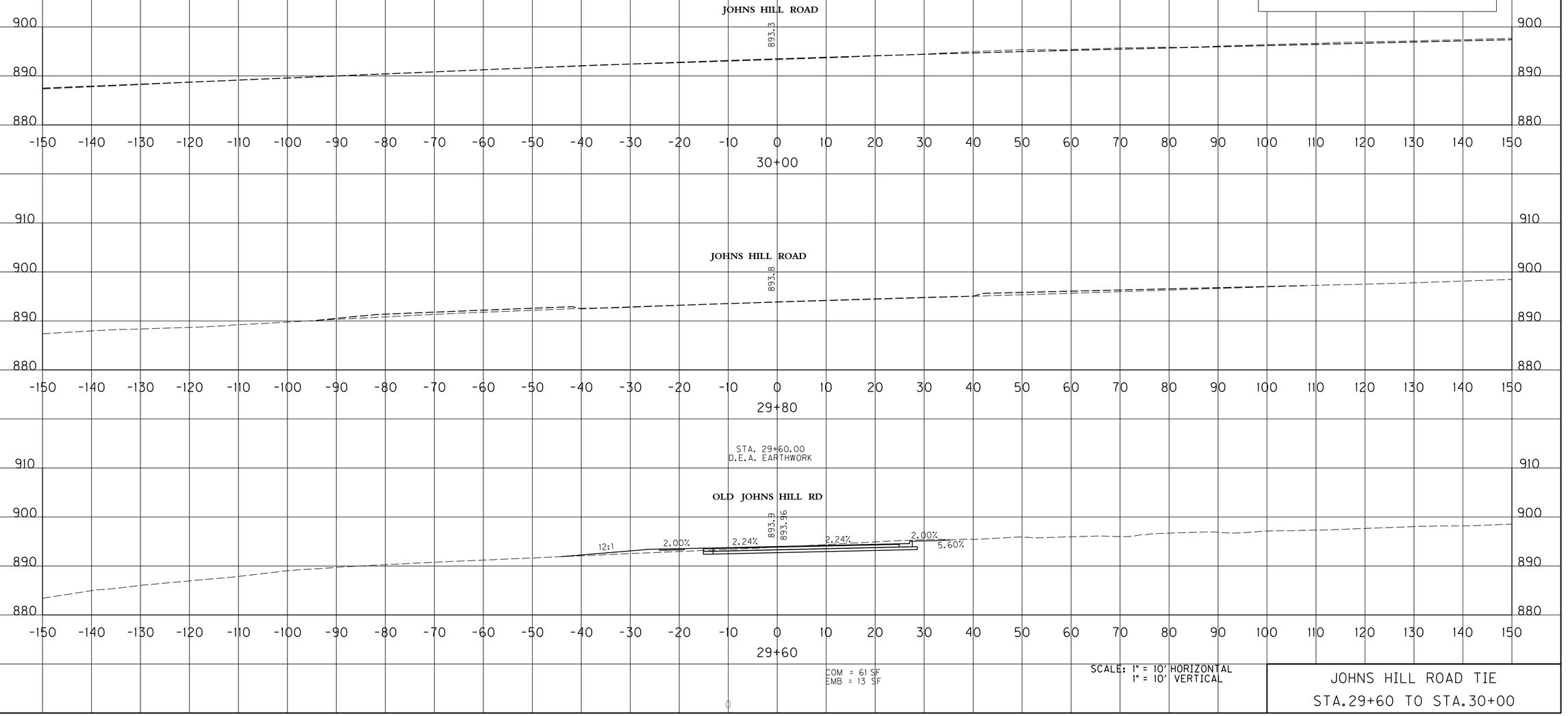
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X162

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
OLD JOHNS HILL ROAD

Com Exc. = 454
Emb = 188
Emb Bench = 163



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

JOHNS HILL ROAD TIE
STA.29+60 TO STA.30+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X162

REVISED 02-10-2011

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Earthwork Quantities
OLD JOHNS HILL ROAD

Com Exc. = 454
Emb = 188
Emb Bench = 163

JOHNS HILL ROAD

893.3

900 890 880

-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

30+00

REMOVE VOLUME

JOHNS HILL ROAD

893.8

910 900 890 880

-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

29+80

STA. 29+60.00
D.E.A. EARTHWORK

REMOVE VOLUME

OLD JOHNS HILL RD

893.9 893.96

12:1 2.00% 2.24% 2.24% 2.00% 5.60%

910 900 890 880

-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

29+60

COM = 61 SF
EMB = 13 SF

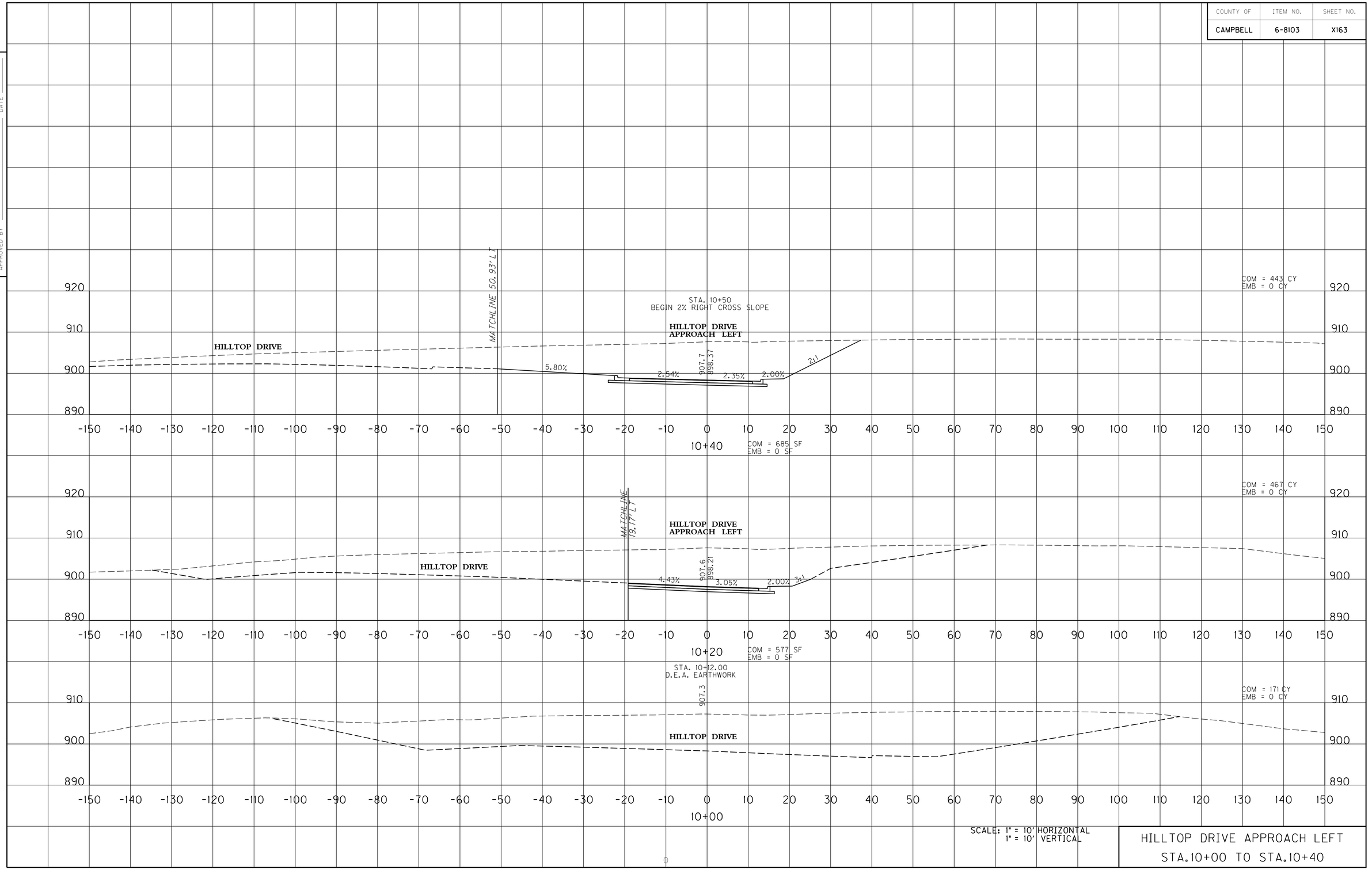
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

JOHNS HILL ROAD TIE
STA.29+60 TO STA.30+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X163

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

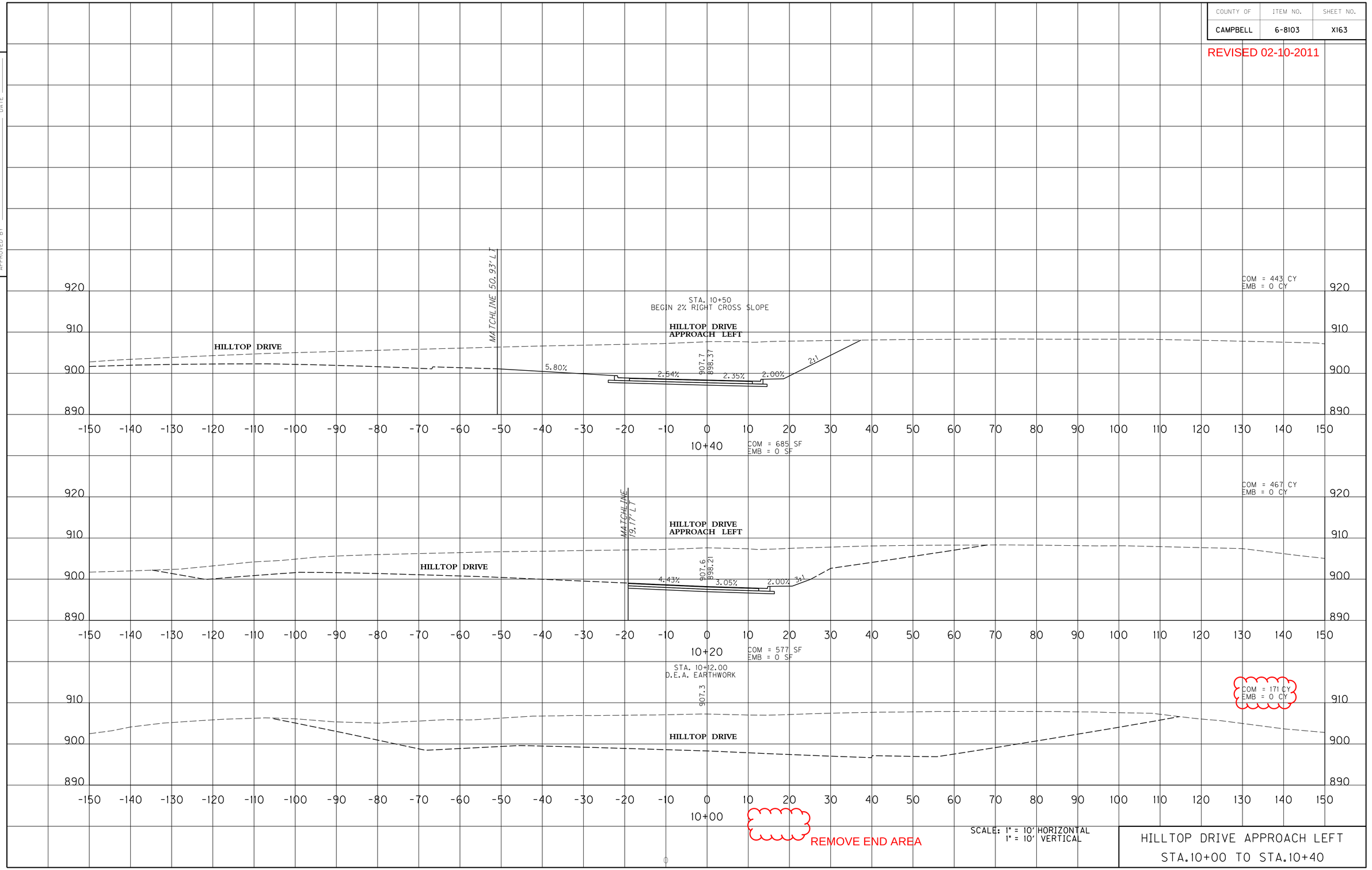
HILLTOP DRIVE APPROACH LEFT
STA.10+00 TO STA.10+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X163

REVISED 02-10-2011

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



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

HILLTOP DRIVE APPROACH LEFT
STA.10+00 TO STA.10+40

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X166

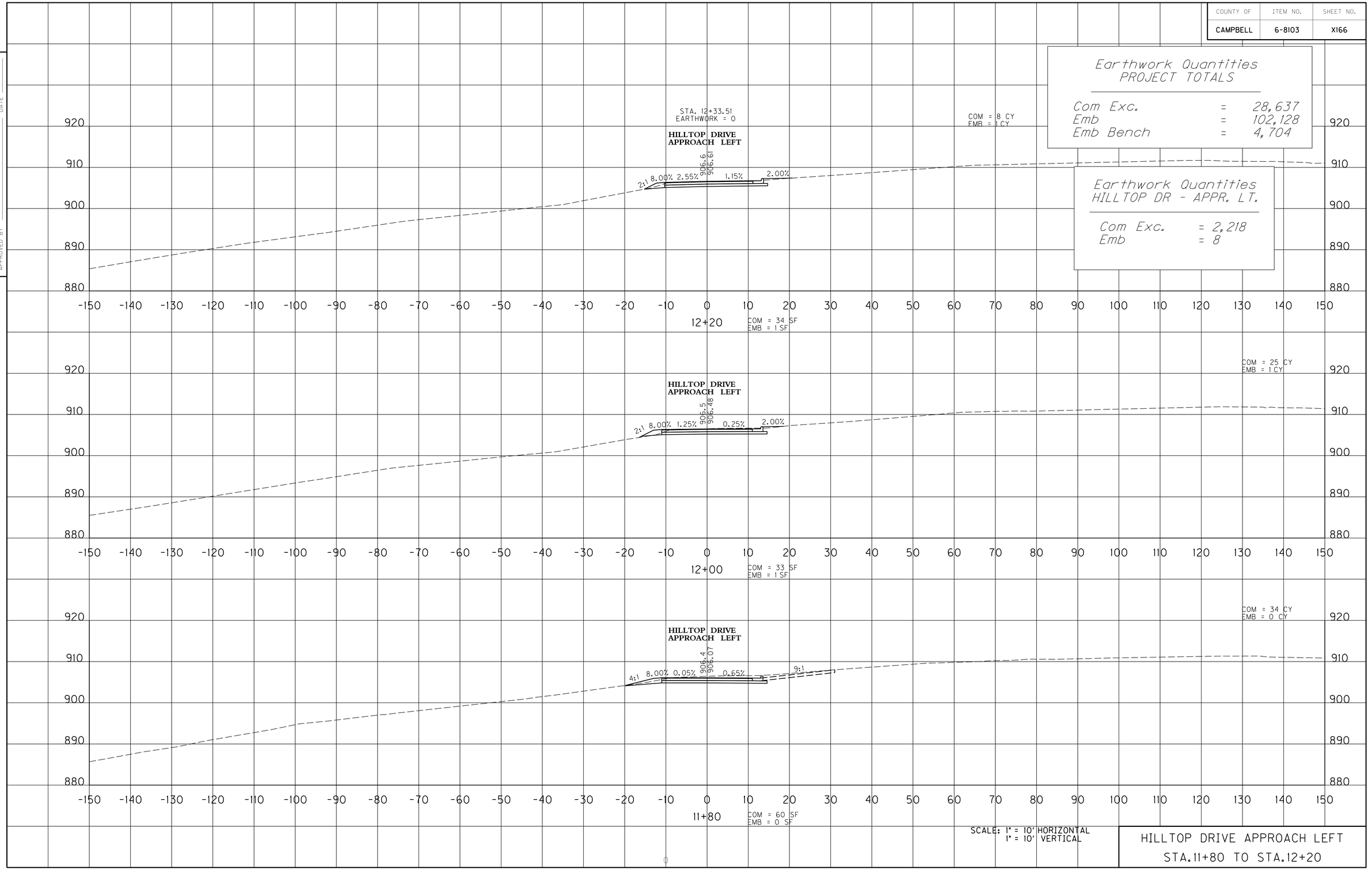
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Earthwork Quantities
PROJECT TOTALS

Com Exc.	=	28,637
Emb	=	102,128
Emb Bench	=	4,704

Earthwork Quantities
HILLTOP DR - APPR. LT.

Com Exc.	= 2,218
Emb	= 8



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

HILLTOP DRIVE APPROACH LEFT
STA.11+80 TO STA.12+20

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
CAMPBELL	6-8103	X166

REVISED 02-10-2011

Earthwork Quantities
PROJECT TOTALS

Com Exc.	=	28,637
Emb	=	102,128
Emb Bench	=	4,704

Earthwork Quantities
HILLTOP DR - APPR. LT.

Com Exc.	= 2,218
Emb	= 8

STA. 12+33.51
EARTHWORK = 0

COM = 8 CY
EMB = 1 CY

HILLTOP DRIVE
APPROACH LEFT

906.61
906.6

2:1 8.00% 2.55% 1.15% 2.00%

12+20

COM = 34 SF
EMB = 1 SF

COM = 25 CY
EMB = 1 CY

HILLTOP DRIVE
APPROACH LEFT

906.5
906.48

2:1 8.00% 1.25% 0.25% 2.00%

12+00

COM = 33 SF
EMB = 1 SF

COM = 34 CY
EMB = 0 CY

HILLTOP DRIVE
APPROACH LEFT

906.4
906.07

4:1 8.00% 0.05% 0.65% 9:1

11+80

COM = 60 SF
EMB = 0 SF

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

HILLTOP DRIVE APPROACH LEFT
STA.11+80 TO STA.12+20

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

CONTRACT ID: 111303 PAGE: 1
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
	SECTION 0001	PAVING			
0010	00003	CRUSHED STONE BASE	13,079.000 TON		
0020	00018	DRAINAGE BLANKET-TYPE II-ASPH	4,518.000 TON		
0030	00190	LEVELING & WEDGING PG64-22	303.000 TON		
0040	00221	CL2 ASPH BASE 0.75D PG64-22	9,209.000 TON		
0050	00307	CL2 ASPH SURF 0.38B PG64-22	2,132.000 TON		
0060	02101	CEM CONC ENT PAVEMENT-8 IN	174.000 SQYD		
0070	02676	MOBILIZATION FOR MILL & TEXT	(1.00) LS		
0080	02677	ASPHALT PAVE MILLING & TEXTURING	14.000 TON		
0090	22861EN	HIGH STRENGTH GEOTEXTILE FABRIC	29,463.000 SQYD		
0100	23379EC	STAMPED CONCRETE	362.000 SQYD		
	SECTION 0002	ROADWAY			
0110	00078	CRUSHED AGGREGATE SIZE NO 2	7,427.000 TON		
0120	01000	PERFORATED PIPE-4 IN	12,095.000 LF		
0130	01010	NON-PERFORATED PIPE-4 IN	375.000 LF		
0140	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	(1.00) LS		
0150	01024	PERF PIPE HEADWALL TY 2-4 IN	9.000 EACH		
0160	01310	REMOVE PIPE	120.000 LF		
0170	01634	CAP CURB BOX INLET	3.000 EACH		
0180	01791	ADJUST MANHOLE FRAME TO GRADE	1.000 EACH		
0190	01810	STANDARD CURB AND GUTTER	12,976.000 LF		

CONTRACT ID: 111303 PAGE: 2
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
0200	01825	ISLAND CURB AND GUTTER	846.000 LF		
0210	01830	STANDARD INTEGRAL CURB	356.000 LF		
0220	01923	STANDARD BARRIER MEDIAN TYPE 5	277.000 SQYD		
0230	02014	BARRICADE-TYPE III	9.000 EACH		
0240	02091	REMOVE PAVEMENT	3,744.000 SQYD		
0250	02159	TEMP DITCH	5,890.000 LF		
0260	02230	EMBANKMENT IN PLACE (REVISED: 2-14-11)	121,033.000 CUYD		
0270	02242	WATER	1,000.000 MGAL		
0280	02351	GUARDRAIL-STEEL W BEAM-S FACE	325.000 LF		
0290	02367	GUARDRAIL END TREATMENT TYPE 1	3.000 EACH		
0300	02369	GUARDRAIL END TREATMENT TYPE 2A	2.000 EACH		
0310	02391	GUARDRAIL END TREATMENT TYPE 4A	2.000 EACH		
0320	02397	TEMP GUARDRAIL	1,100.000 LF		
0330	02429	RIGHT-OF-WAY MONUMENT TYPE 1	43.000 EACH		
0340	02430	RIGHT-OF-WAY MONUMENT TYPE 1A	2.000 EACH		
0350	02432	WITNESS POST	43.000 EACH		
0360	02483	CHANNEL LINING CLASS II	433.000 TON		
0370	02484	CHANNEL LINING CLASS III	165.000 TON		
0380	02545	CLEARING AND GRUBBING (26 ACRES)	(1.00) LS		
0390	02562	SIGNS	845.000 SQFT		
0400	02585	EDGE KEY	107.200 LF		

CONTRACT ID: 111303 PAGE: 3
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
0410	02599	FABRIC-GEOTEXTILE TYPE IV	21,500.000 SQYD		
0420	02650	MAINTAIN & CONTROL TRAFFIC	(1.00) LS		
0430	02651	DIVERSIONS (BY-PASS DETOURS)	(1.00) LS		
0440	02671	PORTABLE CHANGEABLE MESSAGE SIGN	6.000 EACH		
0450	02690	SAFELOADING	14.000 CUYD		
0460	02701	TEMP SILT FENCE	5,890.000 LF		
0470	02703	SILT TRAP TYPE A	17.000 EACH		
0480	02704	SILT TRAP TYPE B	17.000 EACH		
0490	02705	SILT TRAP TYPE C	17.000 EACH		
0500	02706	CLEAN SILT TRAP TYPE A	34.000 EACH		
0510	02707	CLEAN SILT TRAP TYPE B	34.000 EACH		
0520	02708	CLEAN SILT TRAP TYPE C	34.000 EACH		
0530	02709	CLEAN TEMP SILT FENCE	17,670.000 LF		
0540	02720	SIDEWALK-4 IN CONCRETE	4,657.000 SQYD		
0550	02721	REMOVE CONCRETE SIDEWALK	230.000 SQYD		
0560	02726	STAKING	(1.00) LS		
0570	03385	PVC PIPE-6 IN	910.000 LF		
0580	05950	EROSION CONTROL BLANKET	4,835.000 SQYD		
0590	05952	TEMP MULCH	125,840.000 SQYD		
0600	05953	TEMP SEEDING AND PROTECTION	82,280.000 SQYD		
0610	05966	TOPDRESSING FERTILIZER	3.000 TON		

CONTRACT ID: 111303 PAGE: 4
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT	UNIT PRICE	AMOUNT
0620	05985	SEEDING AND PROTECTION	41,800.000	SQYD		
0630	05989	SPECIAL SEEDING CROWN VETCH	6,600.000	SQYD		
0640	05990	SODDING	8,149.000	SQYD		
0650	06411	STEEL POST TYPE 2	1,140.000	LF		
0660	06510	PAVE STRIPING-TEMP PAINT-4 IN	7,480.000	LF		
0670	06514	PAVE STRIPING-PERM PAINT-4 IN	16,263.000	LF		
0680	06550	PAVE STRIPING-TEMP REM TAPE-W	8,100.000	LF		
0690	06551	PAVE STRIPING-TEMP REM TAPE-Y	8,100.000	LF		
0700	06566	PAVE MARKING-THERMO X-WALK-12 IN	484.000	LF		
0710	06568	PAVE MARKING-THERMO STOP BAR-24IN	164.000	LF		
0720	06569	PAVE MARKING-THERMO CROSS-HATCH	3,117.000	SQFT		
0730	06573	PAVE MARKING-THERMO STR ARROW	17.000	EACH		
0740	06574	PAVE MARKING-THERMO CURV ARROW	22.000	EACH		
0750	06575	PAVE MARKING-THERMO COMB ARROW	8.000	EACH		
0760	06588	PAVEMENT MARKER TY IVA-BY TEMP	40.000	EACH		
0770	06589	PAVEMENT MARKER TYPE V-MW	16.000	EACH		
0780	06591	PAVEMENT MARKER TYPE V-BY	70.000	EACH		
0790	10020NS	FUEL ADJUSTMENT	41,816.000	DOLL	1.00	41,816.00
0800	10030NS	ASPHALT ADJUSTMENT	28,051.000	DOLL	1.00	28,051.00
0810	20550ND	SAWCUT PAVEMENT	1,658.000	LF		
0820	20782NS714	PAVE MARKING THERMO-BIKE	17.000	EACH		

CONTRACT ID: 111303 PAGE: 5
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
0830	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	68.000 LF		
0840	22692NS714	PAVEMENT MARKING-THERMO LETTERS	20.000 EACH		
0850	23131ER701	PIPELINE VIDEO INSPECTION	1,938.000 LF		
0860	23158ES505	DETECTABLE WARNINGS	645.000 SQFT		
	SECTION 0003	DRAINAGE			
0870	00462	CULVERT PIPE-18 IN	273.000 LF		
0880	00521	STORM SEWER PIPE-15 IN	1,461.000 LF		
0890	00522	STORM SEWER PIPE-18 IN	1,801.000 LF		
0900	00524	STORM SEWER PIPE-24 IN	214.000 LF		
0910	01433	SLOPED BOX OUTLET TYPE 1-18 IN	1.000 EACH		
0920	01450	S & F BOX INLET-OUTLET-18 IN	1.000 EACH		
0930	01456	CURB BOX INLET TYPE A	35.000 EACH		
0940	01490	DROP BOX INLET TYPE 1	3.000 EACH		
0950	01496	DROP BOX INLET TYPE 3	1.000 EACH		
0960	01559	DROP BOX INLET TYPE 13G	2.000 EACH		
0970	01641	JUNCTION BOX-15 IN	2.000 EACH		
0980	01642	JUNCTION BOX-18 IN	1.000 EACH		
0990	01756	MANHOLE TYPE A	1.000 EACH		
1000	01761	MANHOLE TYPE B	1.000 EACH		
1010	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	11,436.000 SQYD	2.00	22,872.00
1020	03383	PVC PIPE-4 IN	86.000 LF		

CONTRACT ID: 111303 PAGE: 6
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
1030	03391	PVC PIPE-12 IN	41.000 LF		
1040	04811	JUNCTION BOX TYPE B	4.000 EACH		
1050	08100	CONCRETE-CLASS A	11.970 CUYD		
1060	08150	STEEL REINFORCEMENT	101.000 LB		
	SECTION 0004	GASLINE			
1070	20811ND	INSTALL M-C LONG-SIDE SERVICE PIPING-1IN OR 1-1/4 INCH	4.000 EACH	1,105.00	4,420.00
1080	20812ND	INSTALL M-C SHORT-SIDE SERVICE PIPE-1 IN OR 1-1/4 INCH	1.000 EACH	360.00	360.00
1090	20818ND	GAS UTILITY COORDINATION	(1.00) LS		
1100	22804EN	GAS MAIN PL-6 IN	190.000 LF	52.00	9,880.00
1110	23467EC	GAS MAIN-4 IN SWPC	435.000 LF	42.00	18,270.00
1120	23471EC	GAS MAIN-8 IN PL	550.000 LF	52.00	28,600.00
1130	24017EC	INST M-C SHORT-SIDE SERVICE PIPING-6 IN	1.000 EACH	655.00	655.00
1140	24080EC	VALVE ASSEMBLY-6 IN PL	1.000 EACH	575.00	575.00
	SECTION 0005	LIGHTING			
1150	04700	POLE 30 FT MTG HT	11.000 EACH		
1160	04740	POLE BASE	11.000 EACH		
1170	04750	TRANSFORMER BASE	11.000 EACH		
1180	04760	POLE W/SECONDARY CONTROL EQUIP	1.000 EACH		
1190	04780	FUSED CONNECTOR KIT	22.000 EACH		
1200	04793	CONDUIT-1 1/4 IN	2,400.000 LF		
1210	04795	CONDUIT-2 IN	300.000 LF		

CONTRACT ID: 111303 PAGE: 7
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1220	04820	TRENCHING AND BACKFILLING	2,700.000	LF		
1230	04832	WIRE-NO. 12	1,122.000	LF		
1240	04834	WIRE-NO. 6	8,100.000	LF		
1250	20337ED	DECORATIVE LUMINAIRE	11.000	EACH		
1260	20391NS835	JUNCTION BOX TYPE A	6.000	EACH		
	SECTION 0006	WATERLINE				
1270	01093	DUCTILE IRON PIPE-6 IN CLASS 50 W/POLYWRAP	12.000	LF		
1280	01095	DUCTILE IRON PIPE-8 IN CLASS 50 W/POLYWRAP	536.000	LF		
1290	01099	DUCTILE IRON PIPE-12 IN CLASS 50 W/POLYWRAP	3,553.000	LF		
1300	03360	COPPER PIPE-3/4 IN	291.000	LF		
1310	03361	COPPER PIPE-1 IN	177.000	LF		
1320	03383	PVC PIPE-4 IN DRAIN	232.000	LF		
1330	03431	RELOCATE WATER METER	6.000	EACH		
1340	03433	RELOCATE FIRE HYDRANT	3.000	EACH		
1350	03437	RECONNECT SERVICE	6.000	EACH		
1360	03438	RECONNECT TO MAIN	6.000	EACH		
1370	03495	AIR RELEASE VALVE 3/4 INCH	1.000	EACH		
1380	03526	GATE VALVE-6 IN RESILIENT SEATED	11.000	EACH		
1390	03528	GATE VALVE-8 IN RESILIENT SEATED	4.000	EACH		
1400	03532	GATE VALVE-12 IN RESILIENT SEATED	29.000	EACH		
1410	20156EC	FIRE HYDRANT ASSEMBLY	7.000	EACH		

CONTRACT ID: 111303 PAGE: 8
COUNTY: CAMPBELL LETTING: 02/18/11
PROPOSAL: JL03 019 2345 000-002 CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
1420	20554NC	BEND AND BLOCK-6 IN	1.000 EACH		
1430	20555NC	BEND AND BLOCK-8 IN	10.000 EACH		
1440	20559NC	CONNECT TO 6 IN	1.000 EACH		
1450	20784ND	ANCHOR TEE AND BLOCK 8IN X 8IN X 6 IN	1.000 EACH		
1460	20788ND	BEND AND BLOCK-12 IN	25.000 EACH		
1470	20790ND	CONNECT TO 12 IN	8.000 EACH		
1480	20792ND	ADJUST WATER VALVE BOXES	10.000 EACH		
1490	20829ND	METER PIT BOX	1.000 EACH		
1500	20865ND	PLUG AND BLOCK 12IN	7.000 EACH		
1510	20986ND	AIR RELEASE VALVE-1 IN	2.000 EACH		
1520	22101NN	TEE AND BLOCK- 12 X 12 X 12 IN	6.000 EACH		
1530	22447NN	CONNECT TO 8 IN	4.000 EACH		
1540	22761ND	ANCHORING TEE AND BLOCK-12X12X6 IN	9.000 EACH		
1550	22762ND	TEE AND BLOCK-12X12X8 IN	2.000 EACH		
1560	22815NN	TEE AND BLOCK-12 X 12 X 6 IN	1.000 EACH		
1570	24081EC	RELOCATE INTERNAL METER PIT PIPING	(1.00) LS		
	SECTION 0007	MOBILIZATION / DEMOBILIZATION			
1580	02568	MOBILIZATION (NO MORE THAN 5%)	LUMP		
1590	02569	DEMOBILIZATION (AT LEAST 1.5%)	LUMP		
		TOTAL BID			