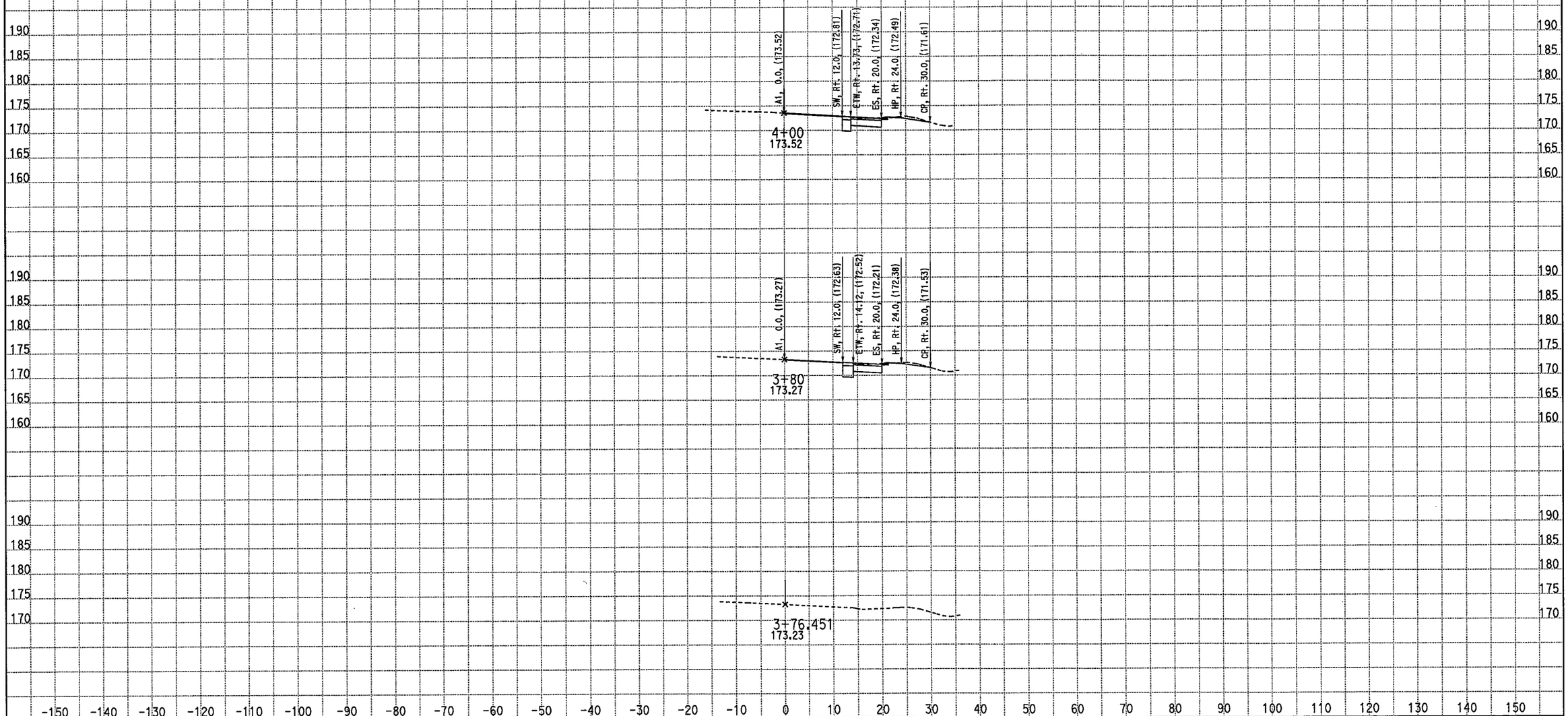
STAGE 1

PHASE 1

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

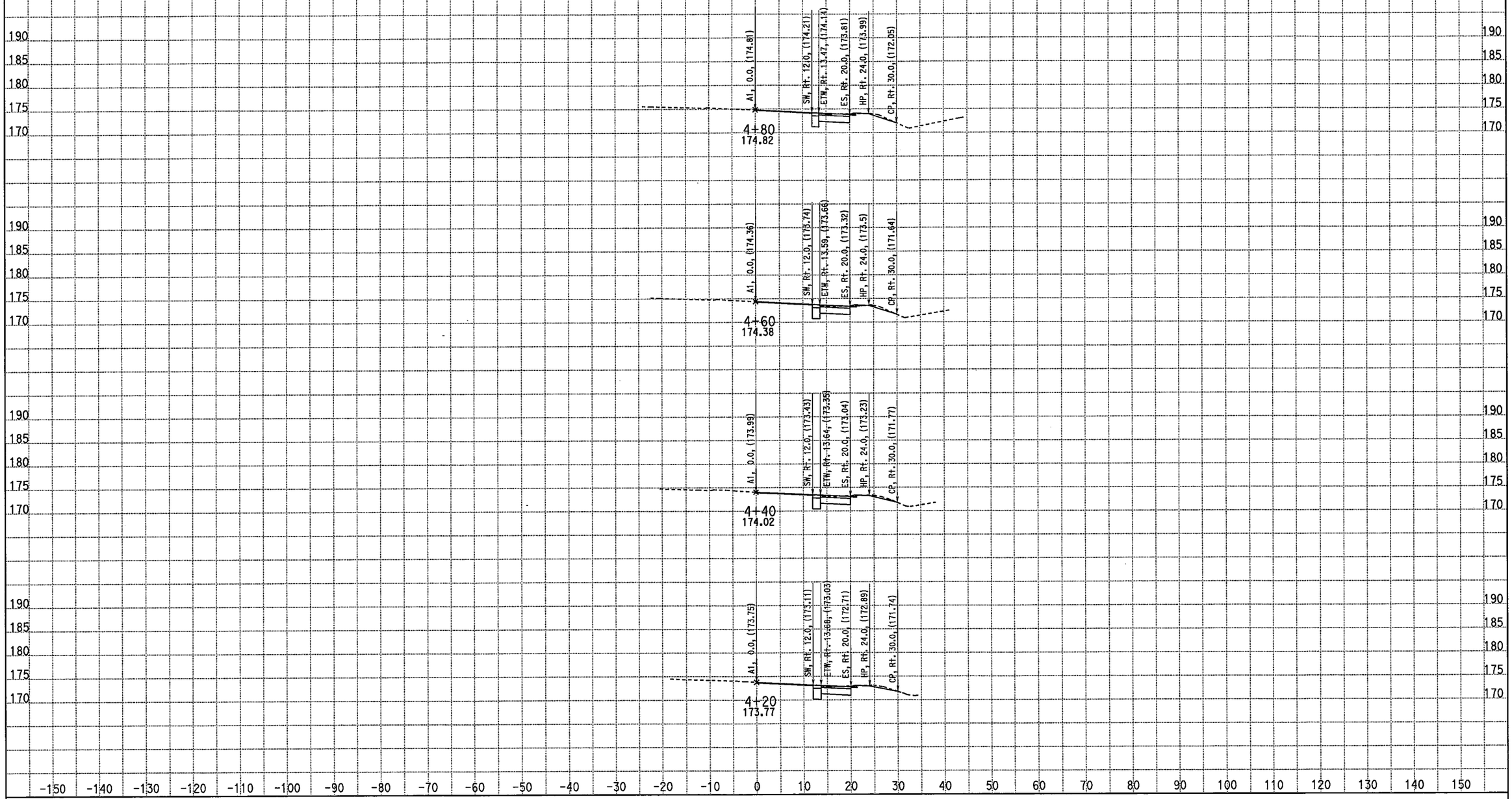
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 1 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

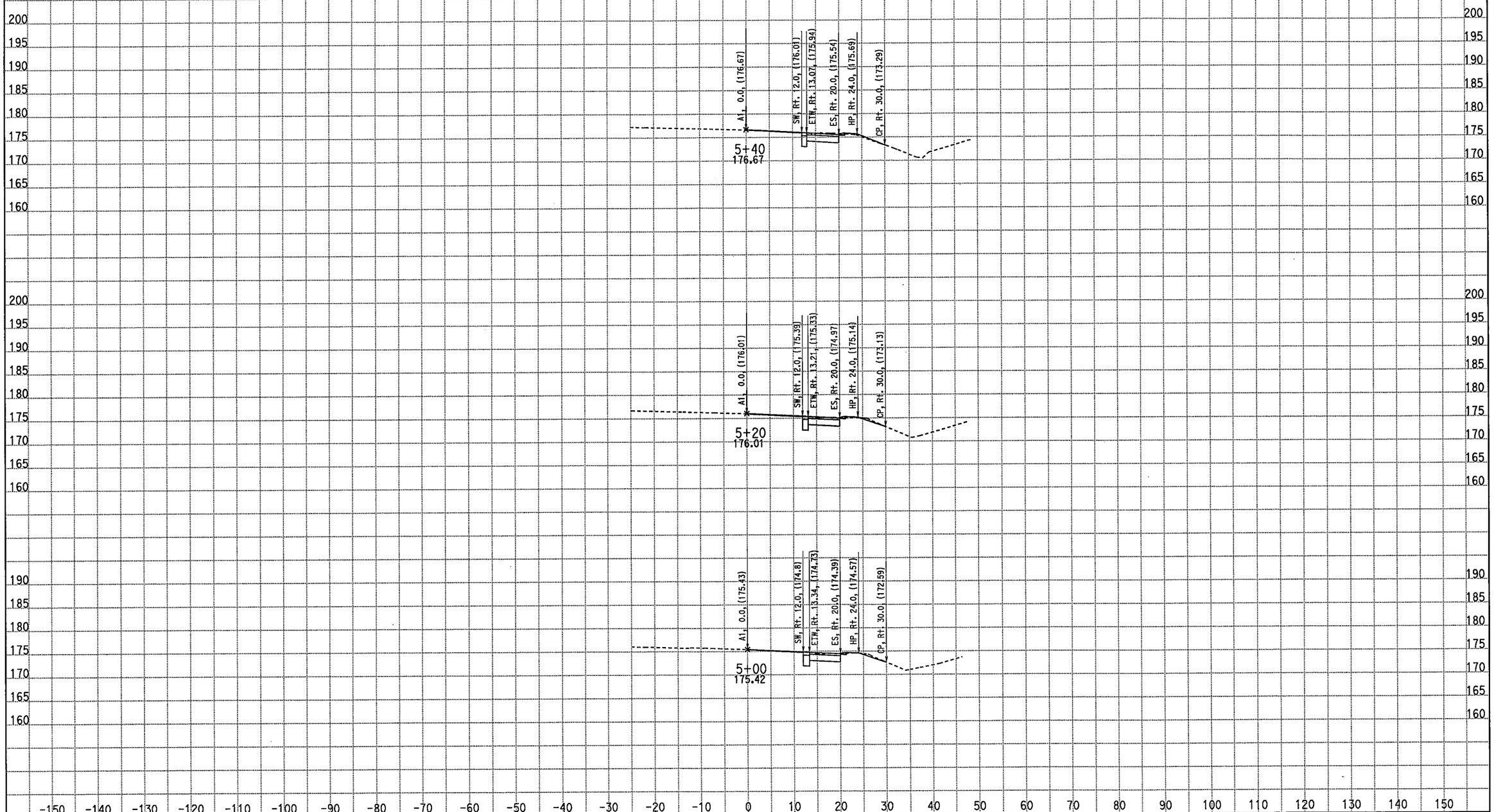
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 2 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

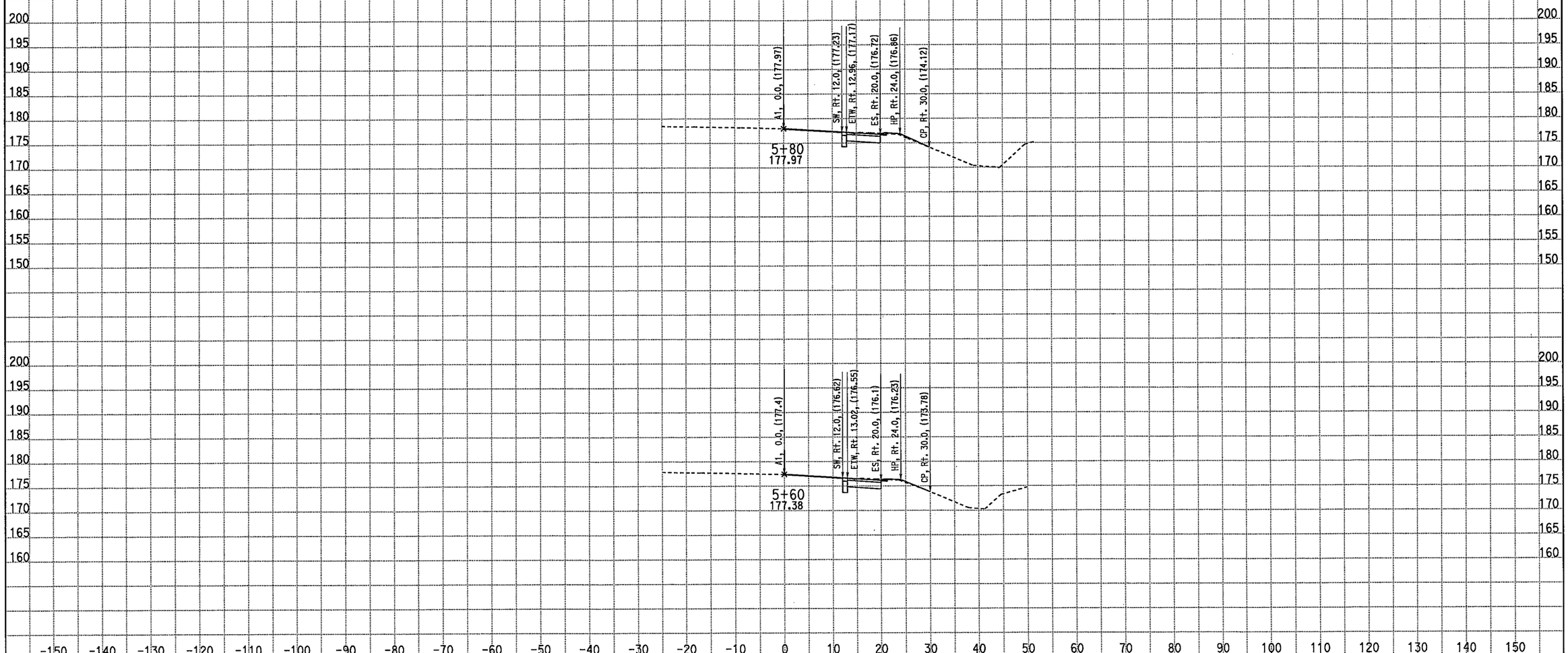
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 3 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

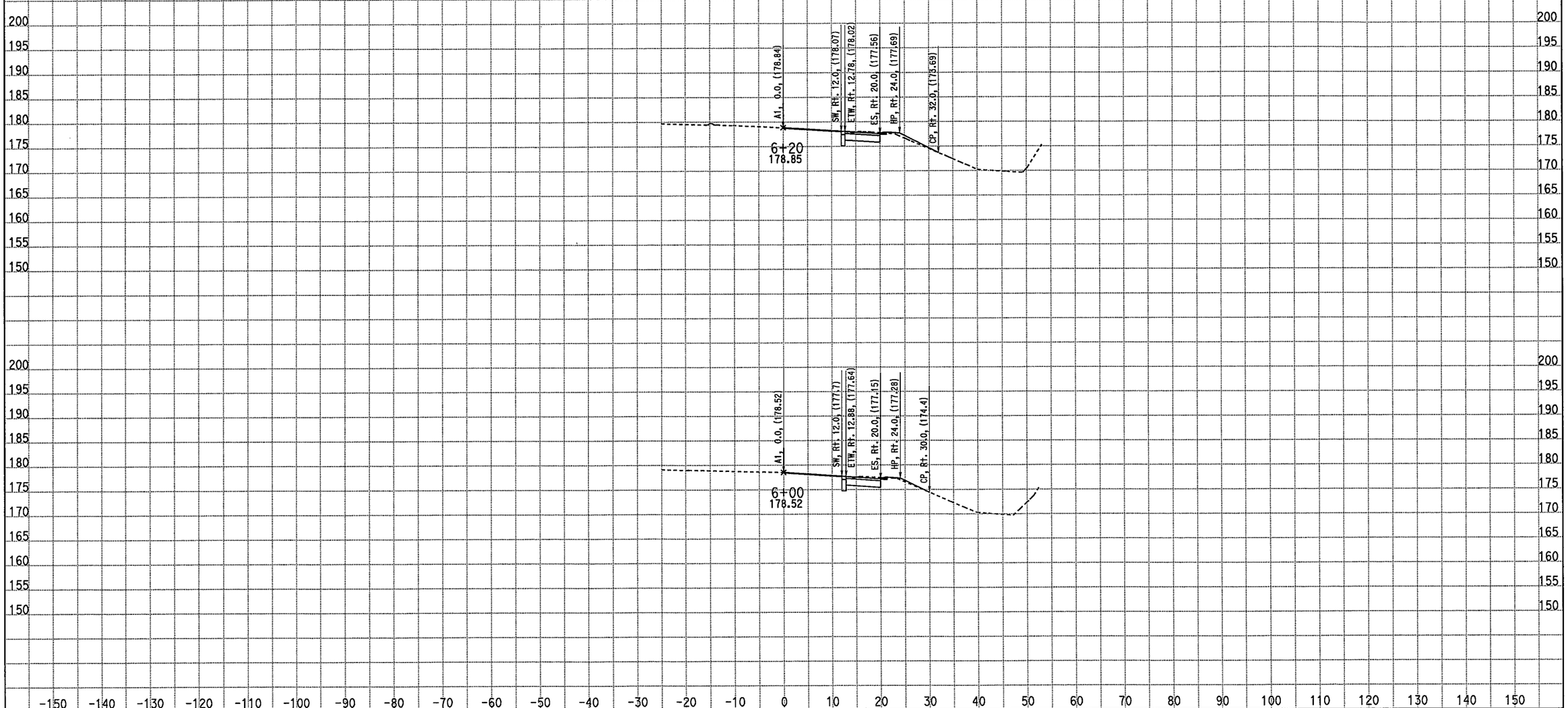
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 4 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

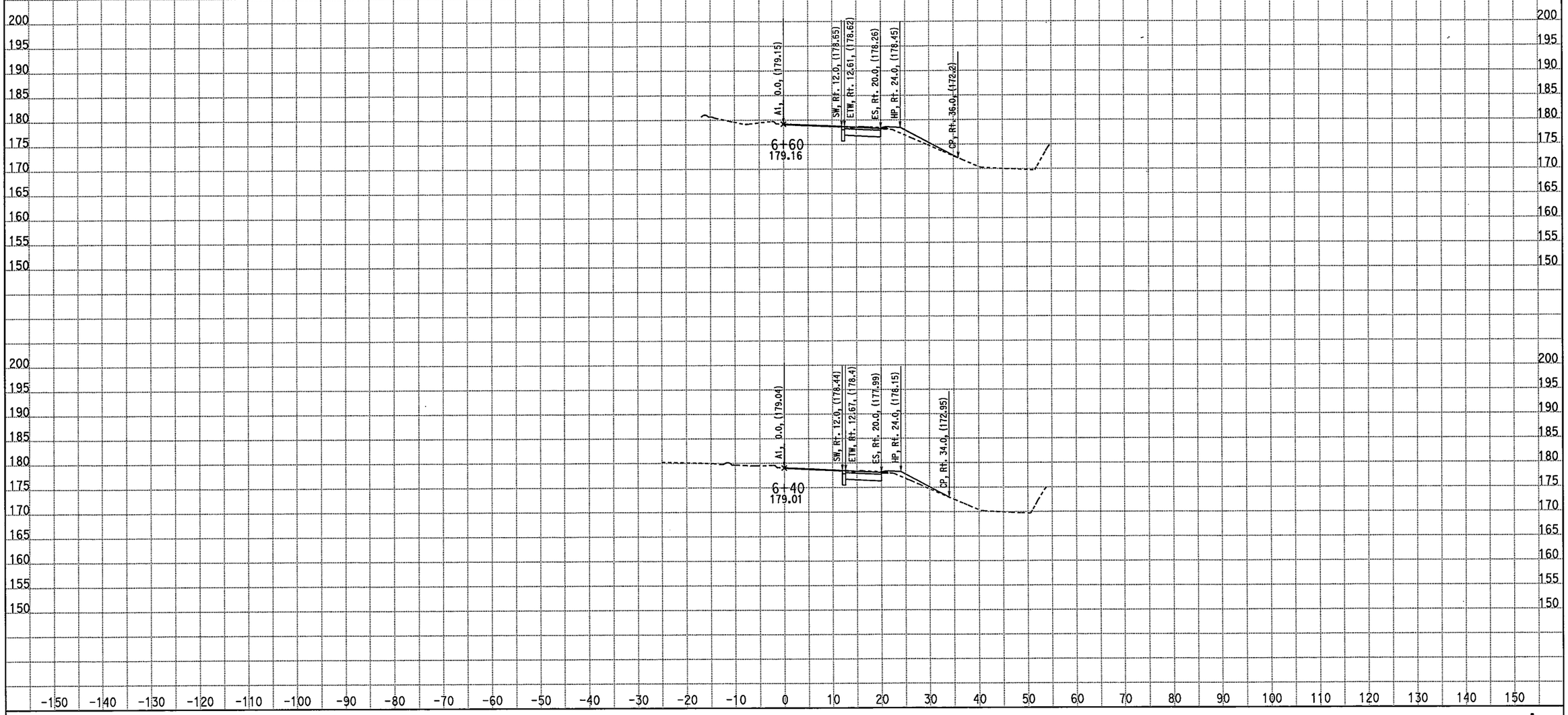
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 5 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

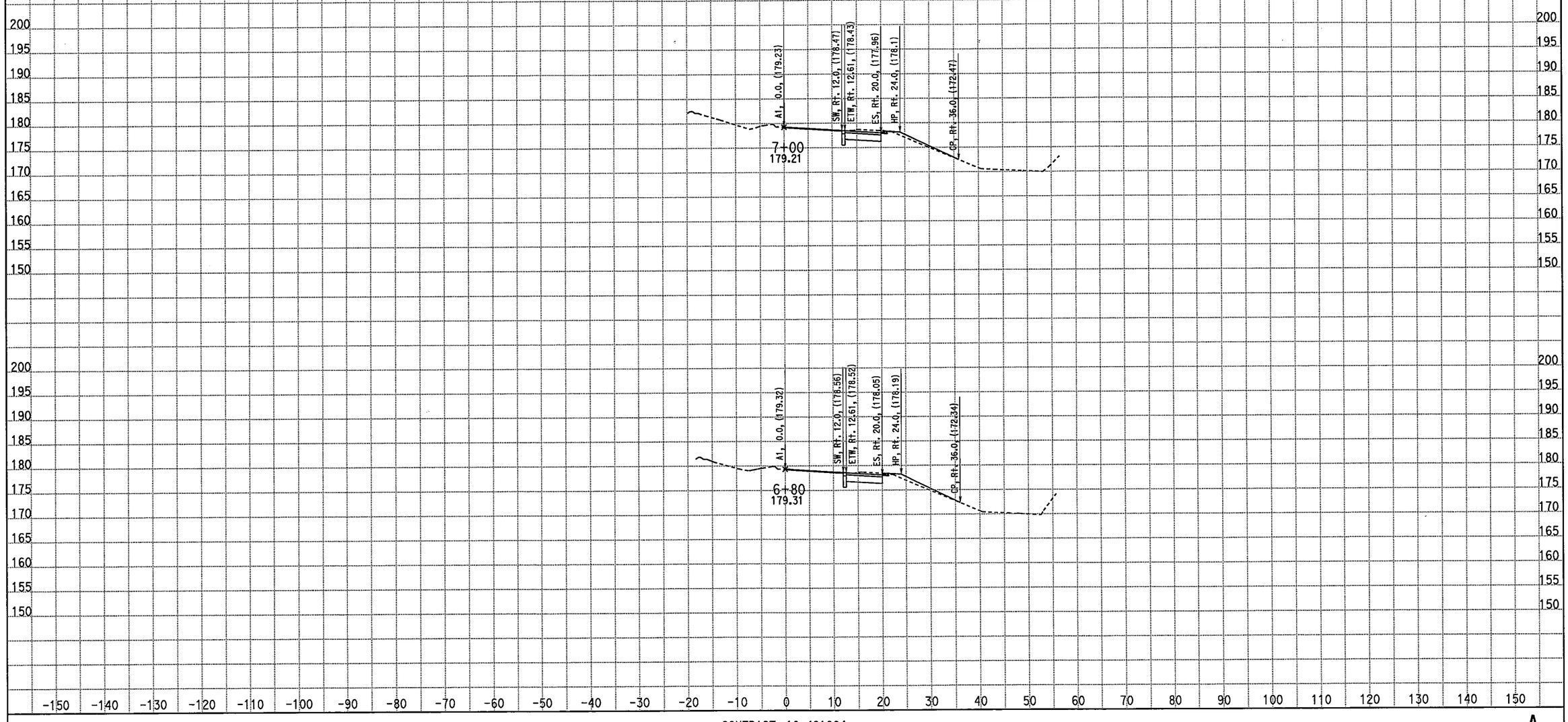
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 6 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

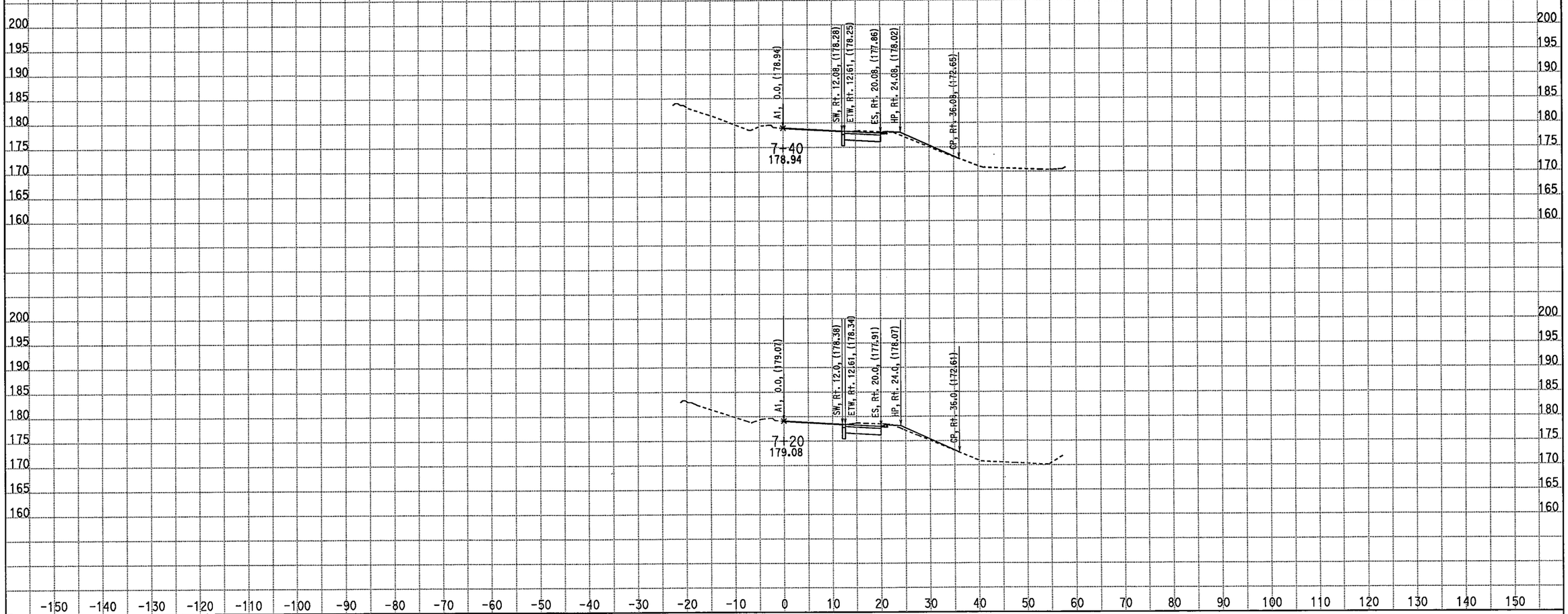
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 7 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

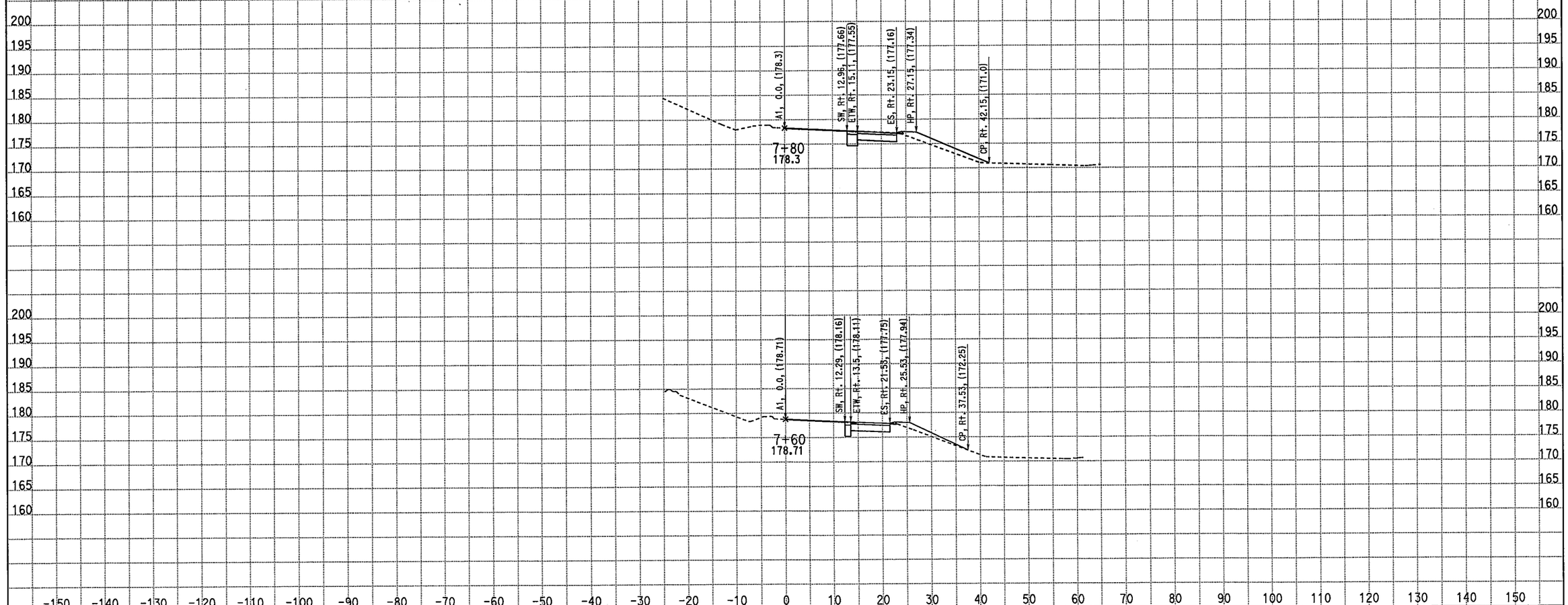
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 8 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

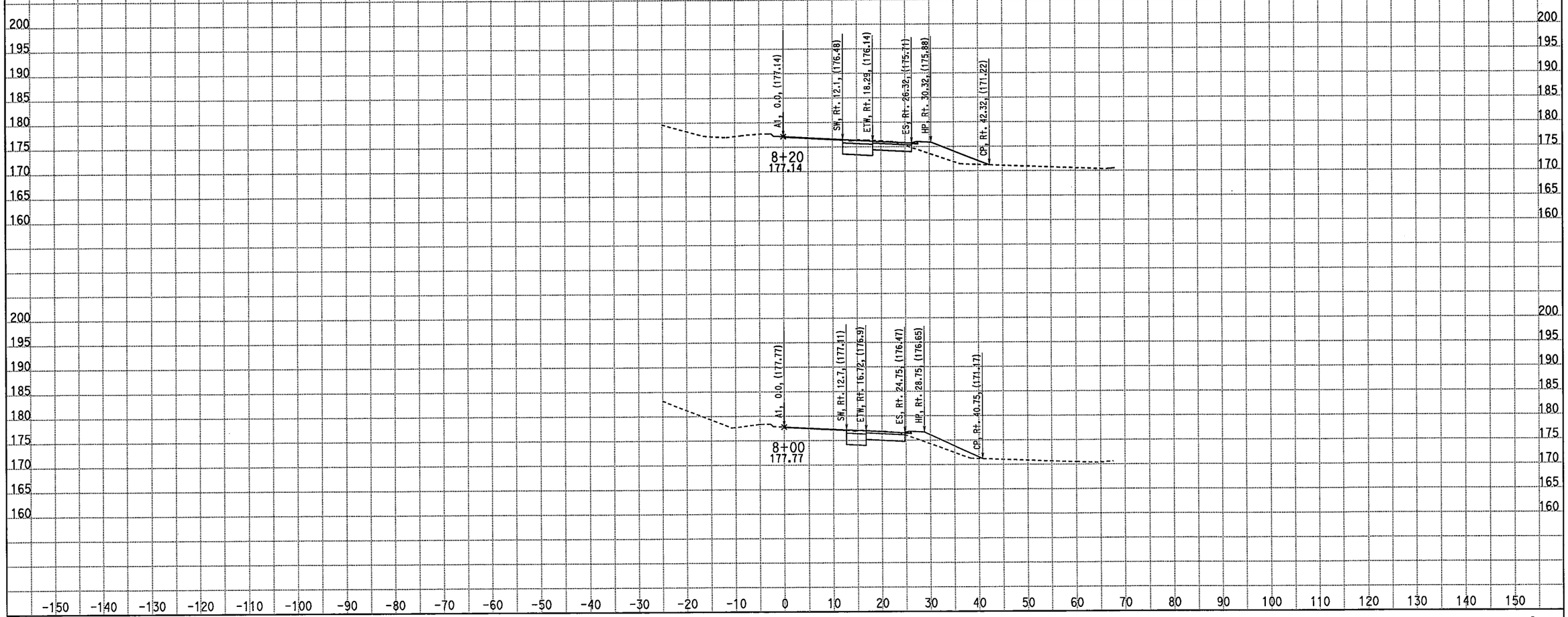
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 9 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\Ramp-RF1\A1_XSEC\rampa1-des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

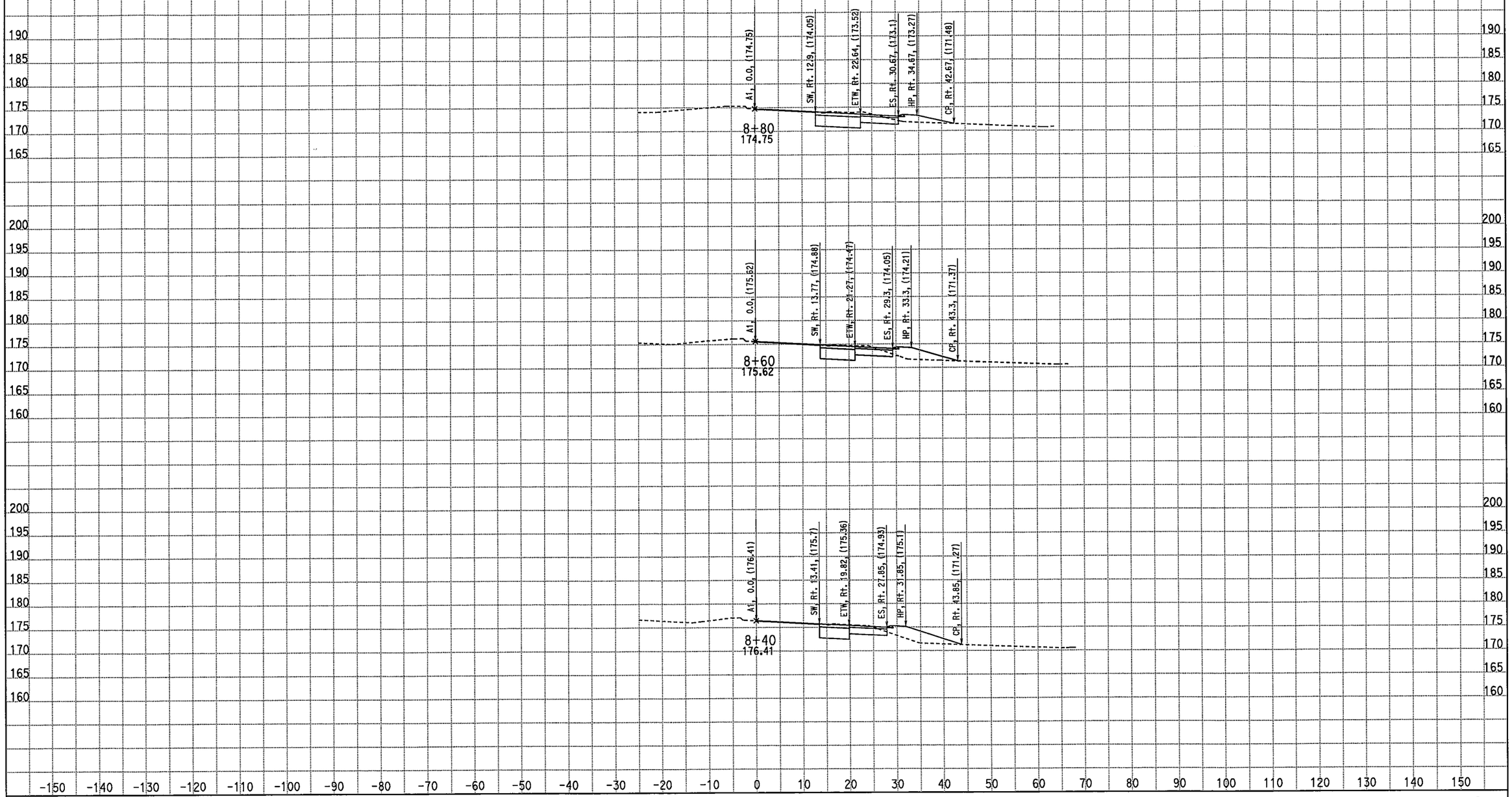
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 10 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

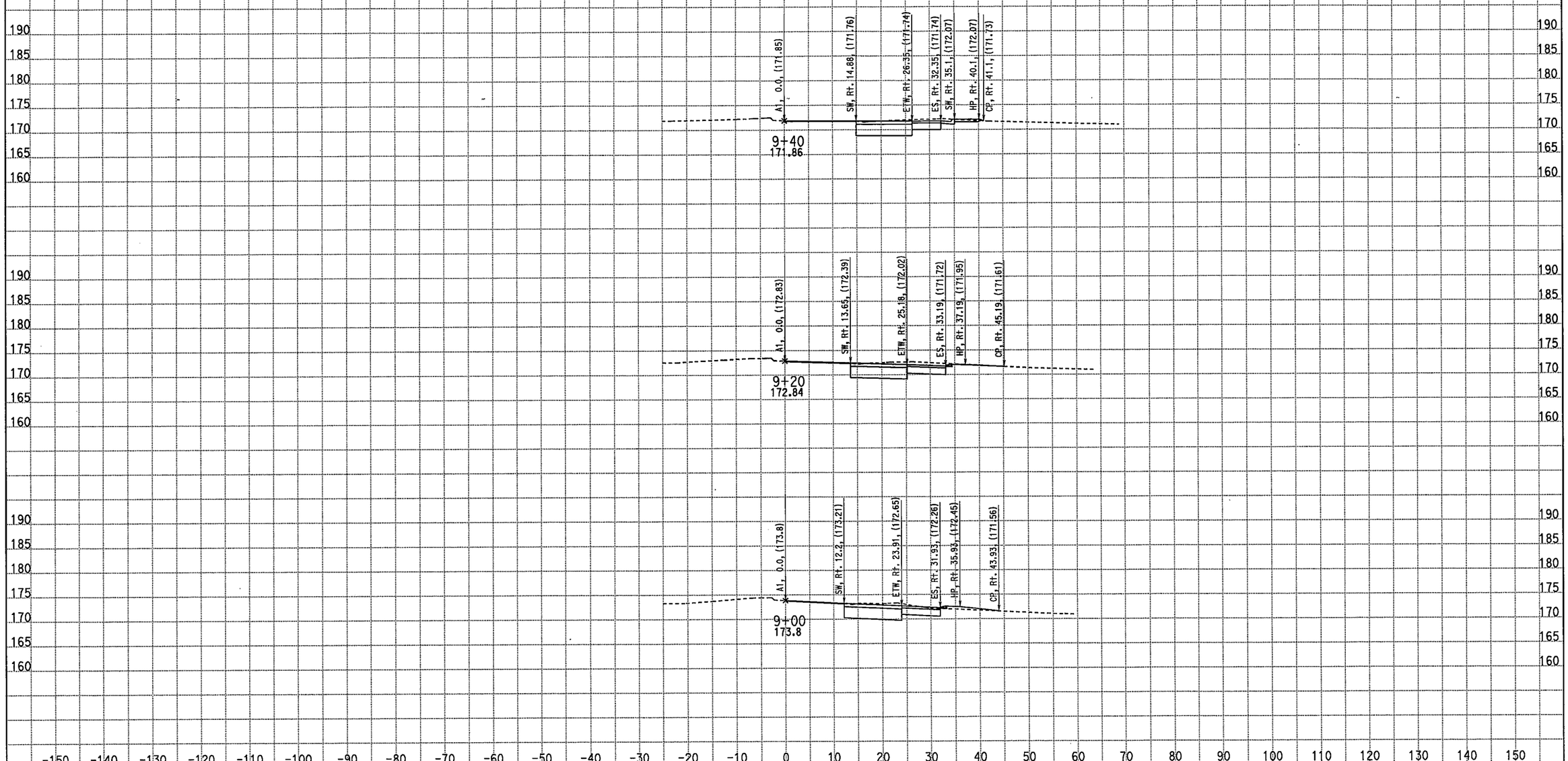
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 11 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

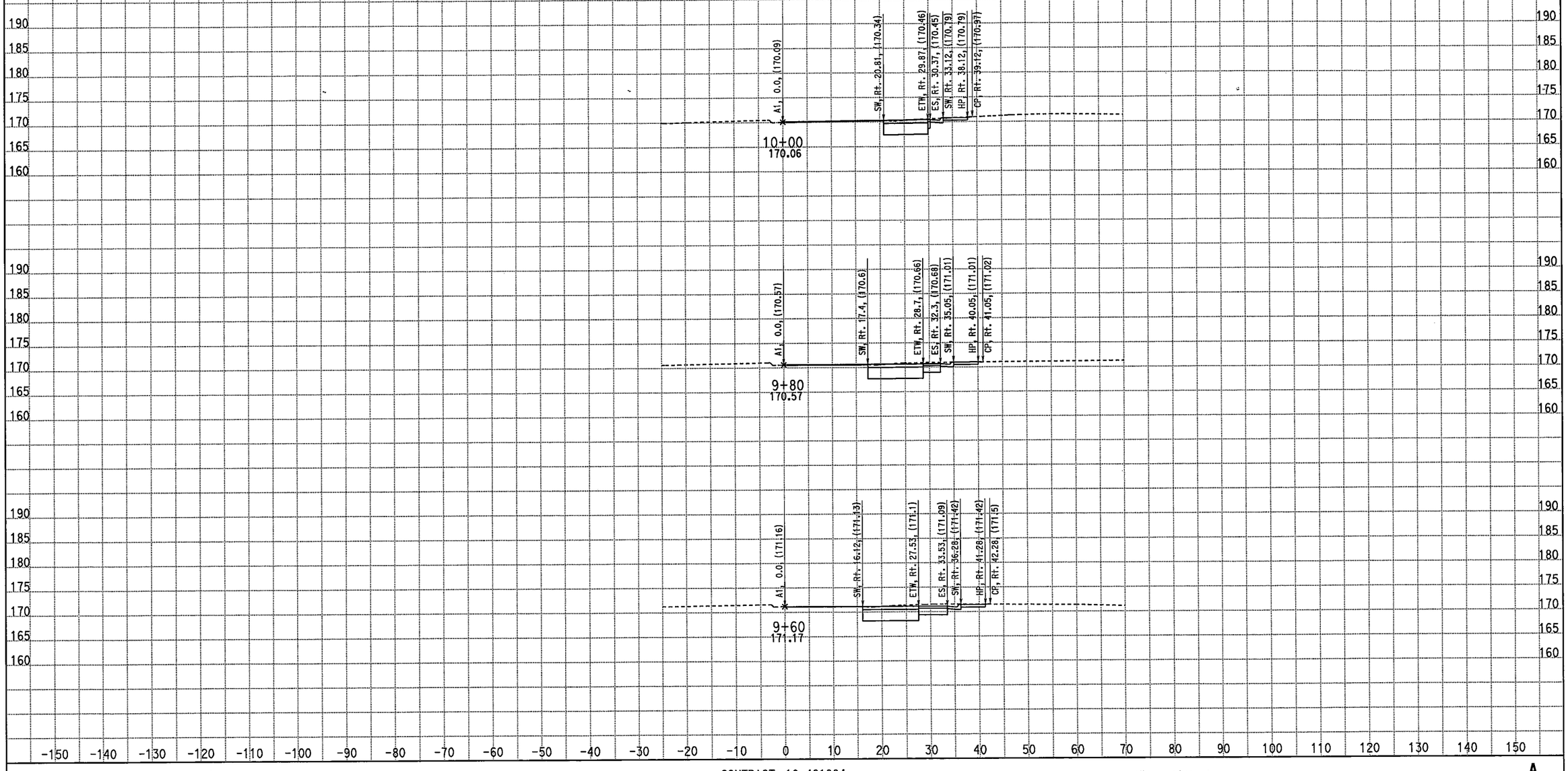
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 12 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

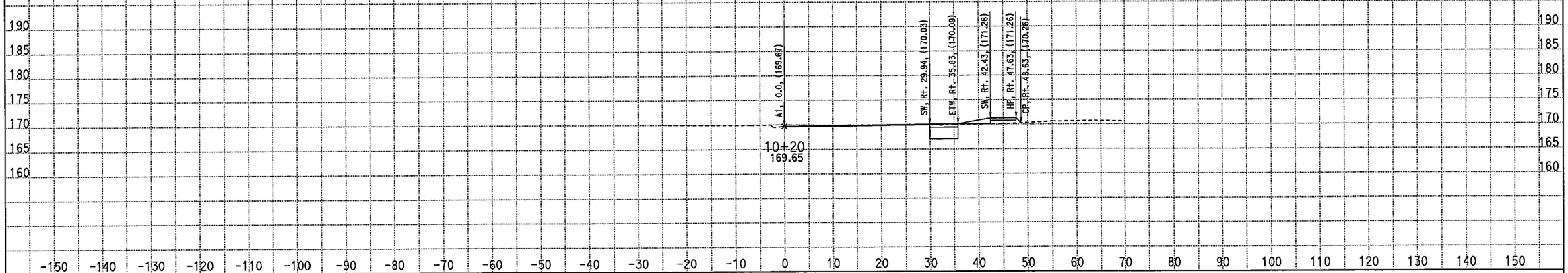
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 13 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 OFFRAMP "A" Detour Route 99



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DATE: 4/14/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER/99/PM 13.8-14.4
PROJECT ID: EMOH

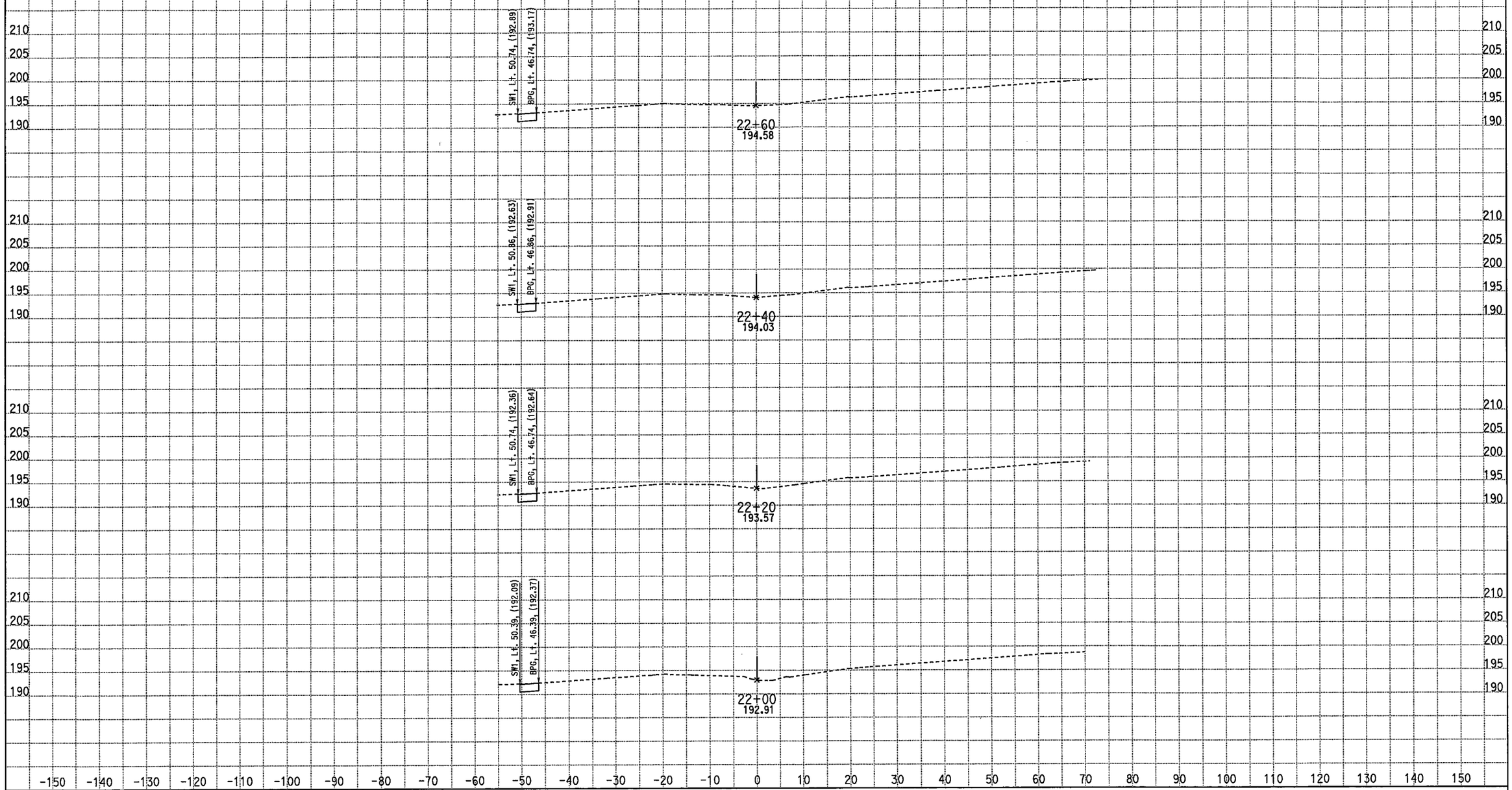
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

A
CROSS SECTIONS
SHEET 14 OF 14

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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DATE: 4/14/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

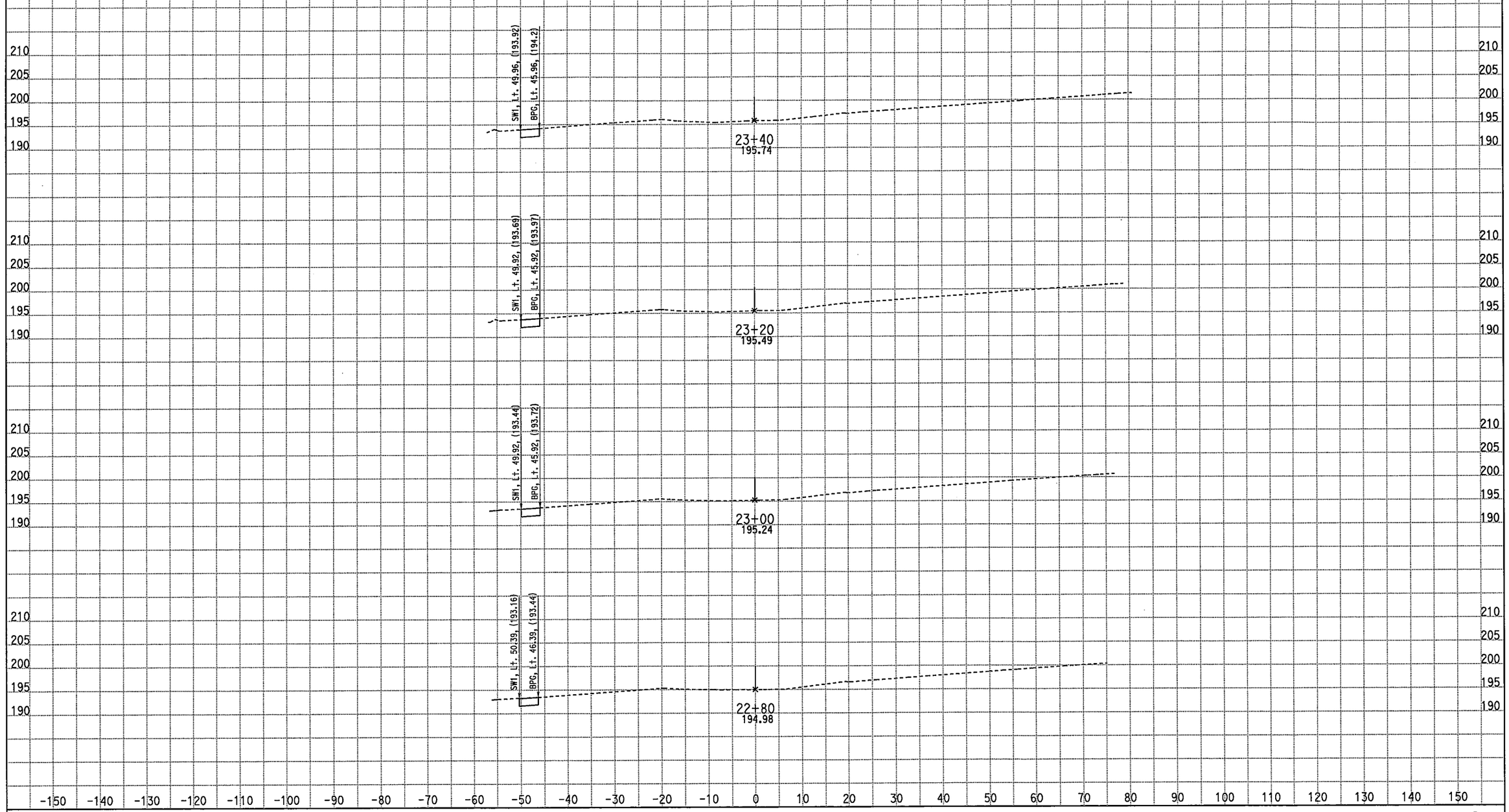
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 1 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

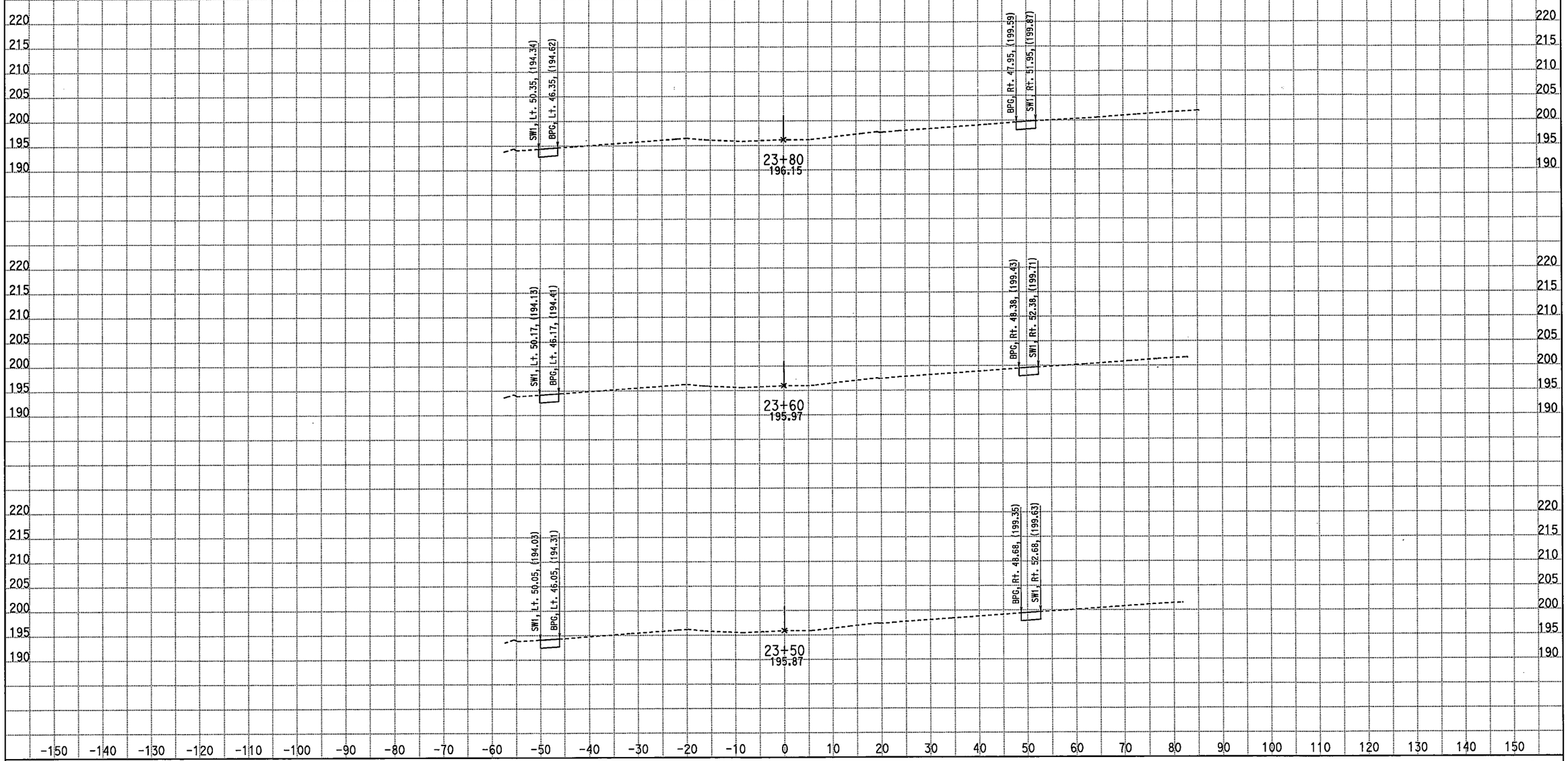
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 2 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

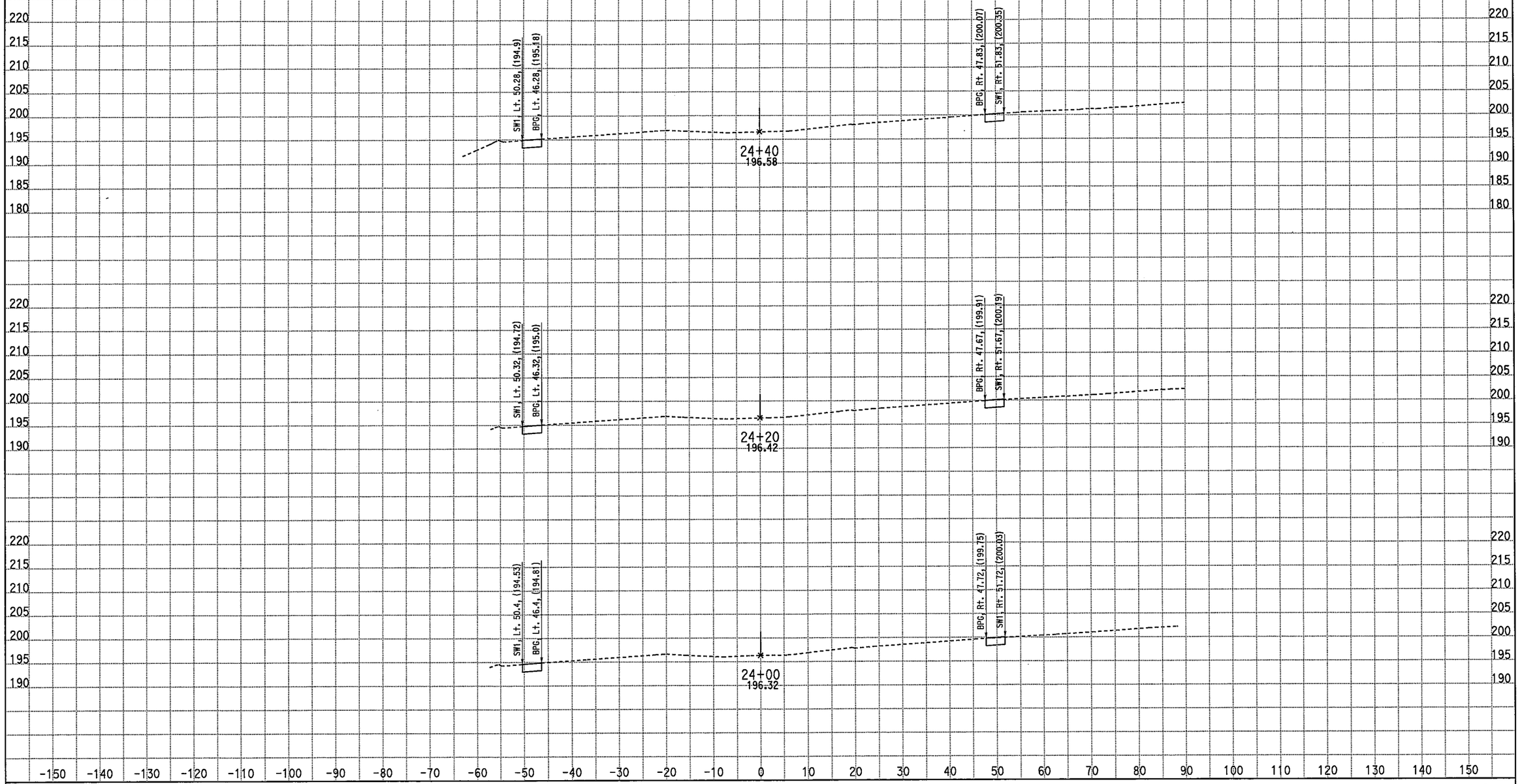
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 3 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

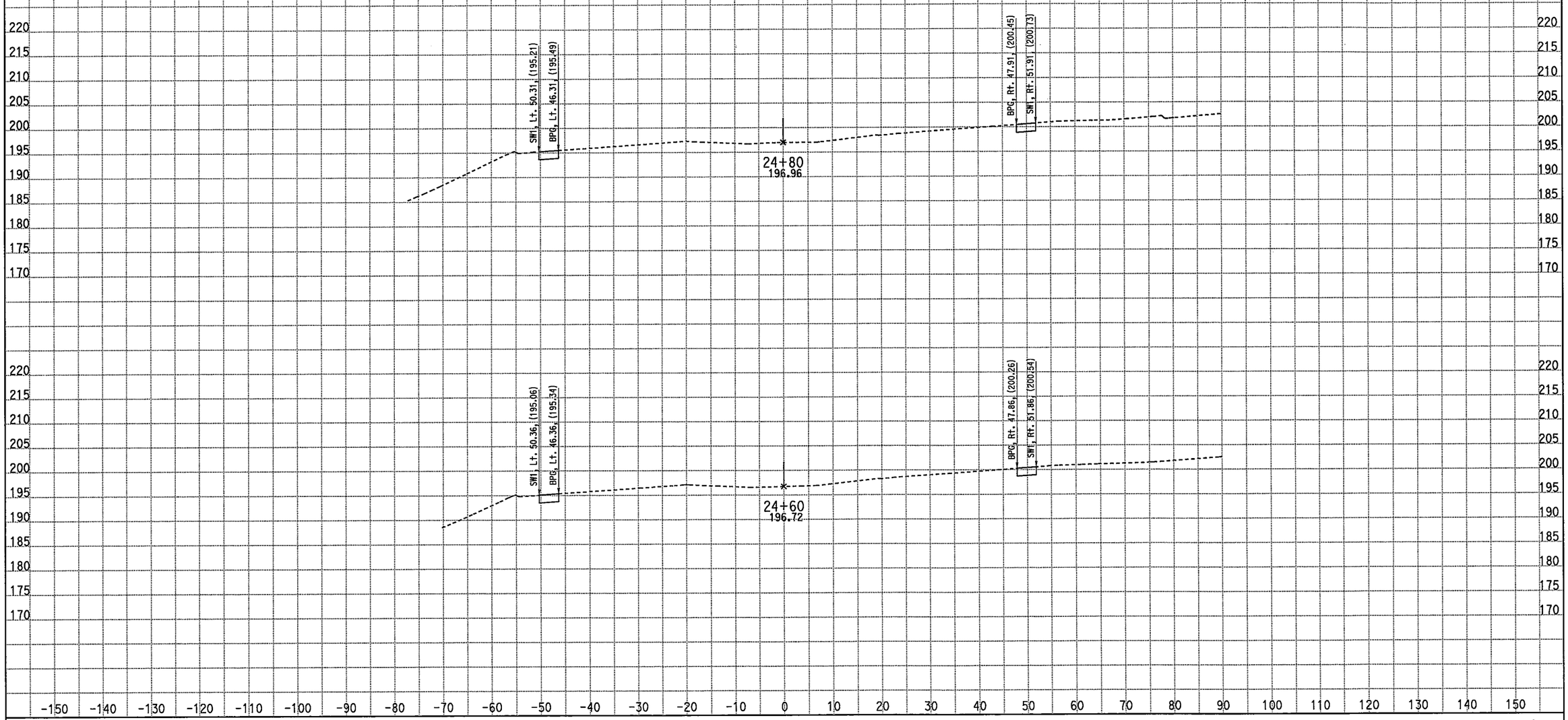
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 4 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

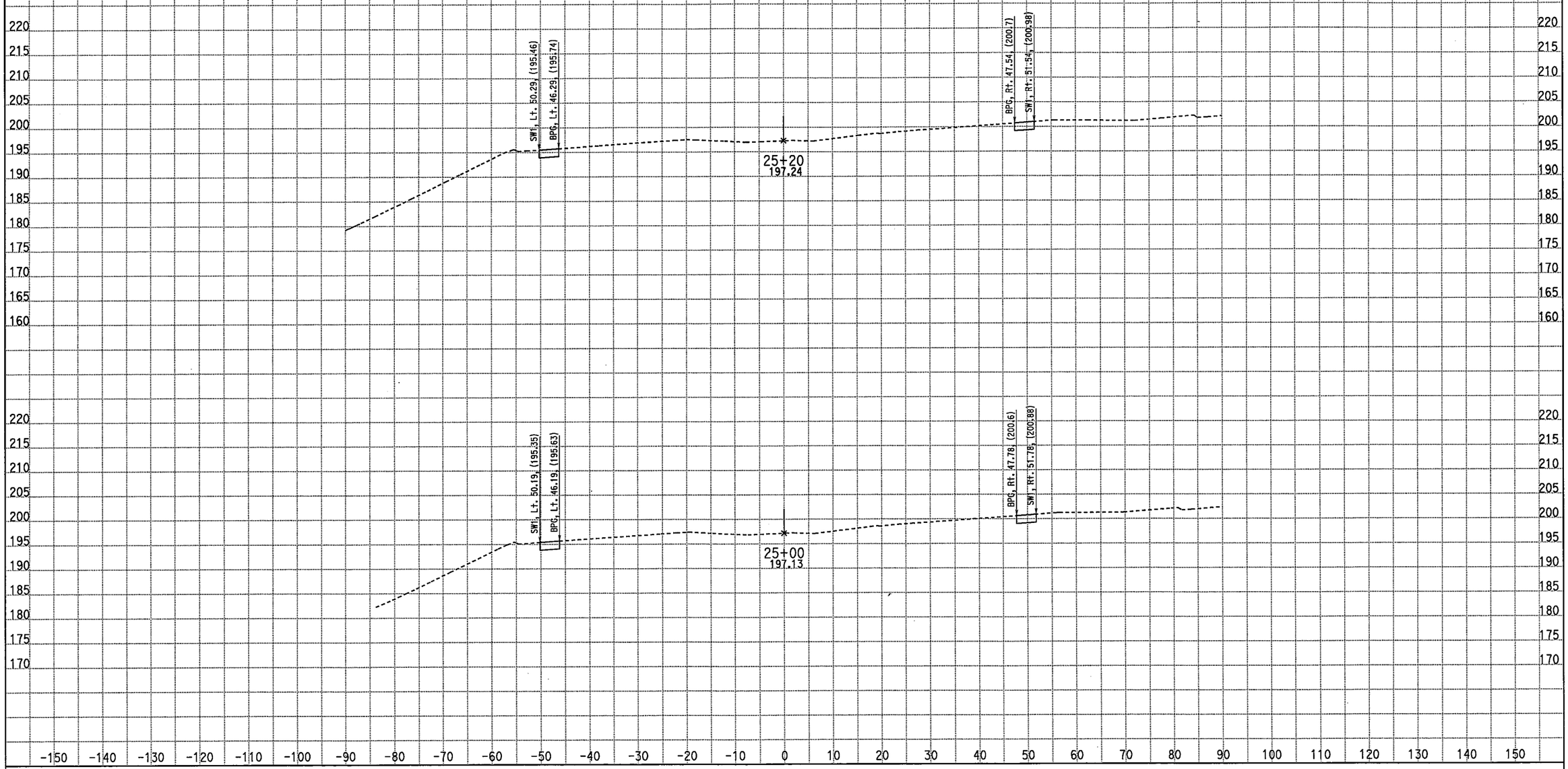
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 5 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
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PROJECT ID: EMOH

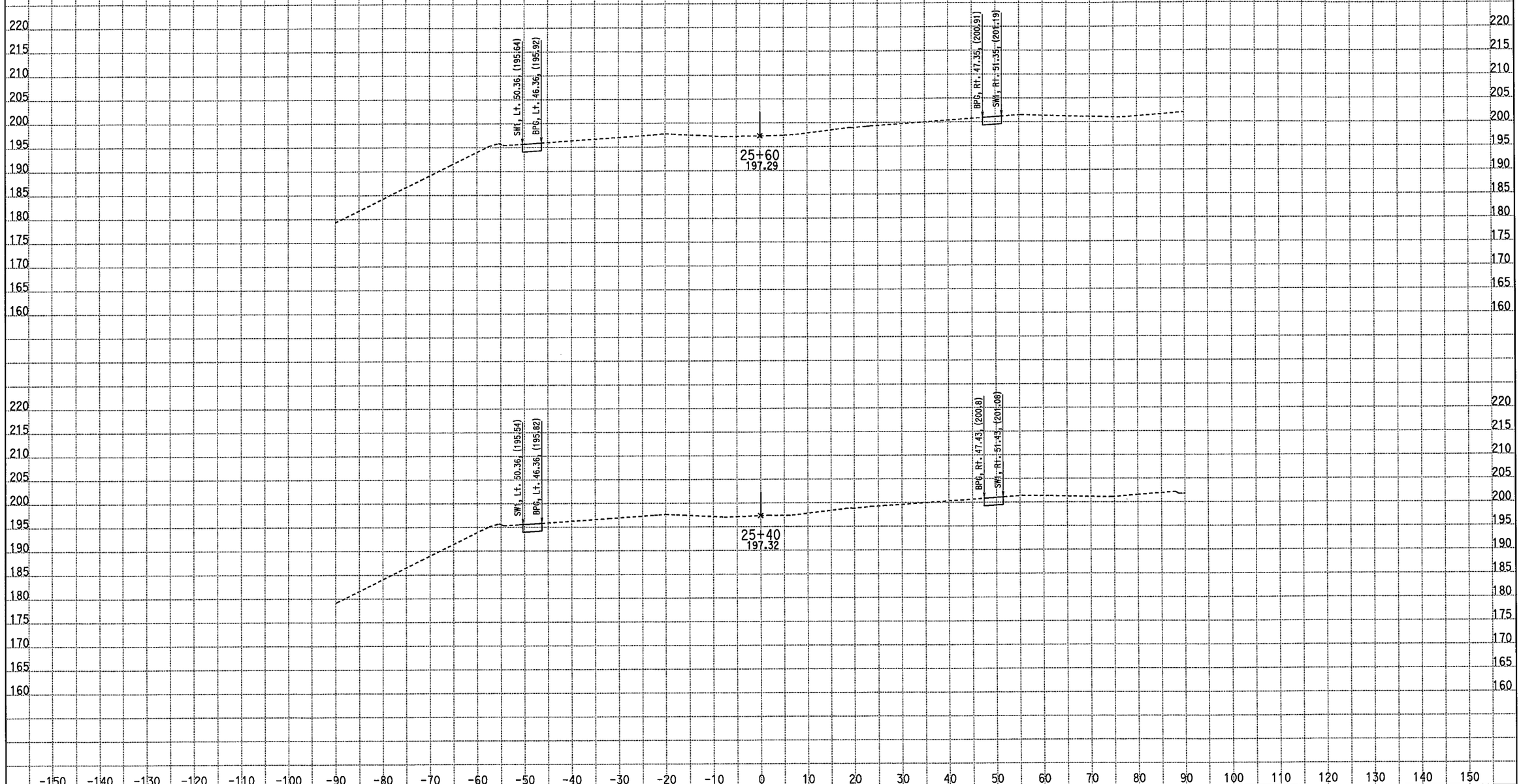
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 6 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

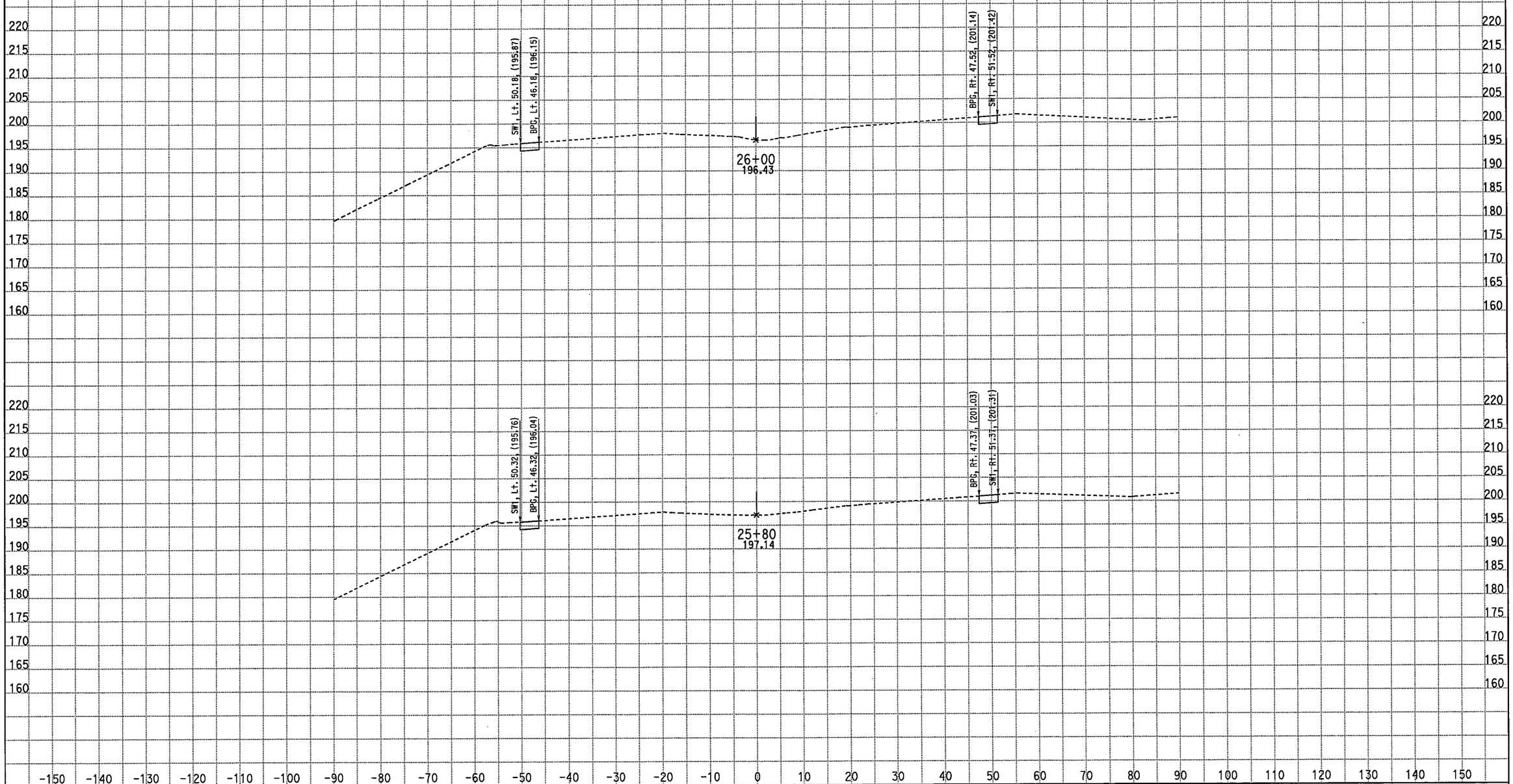
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 7 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

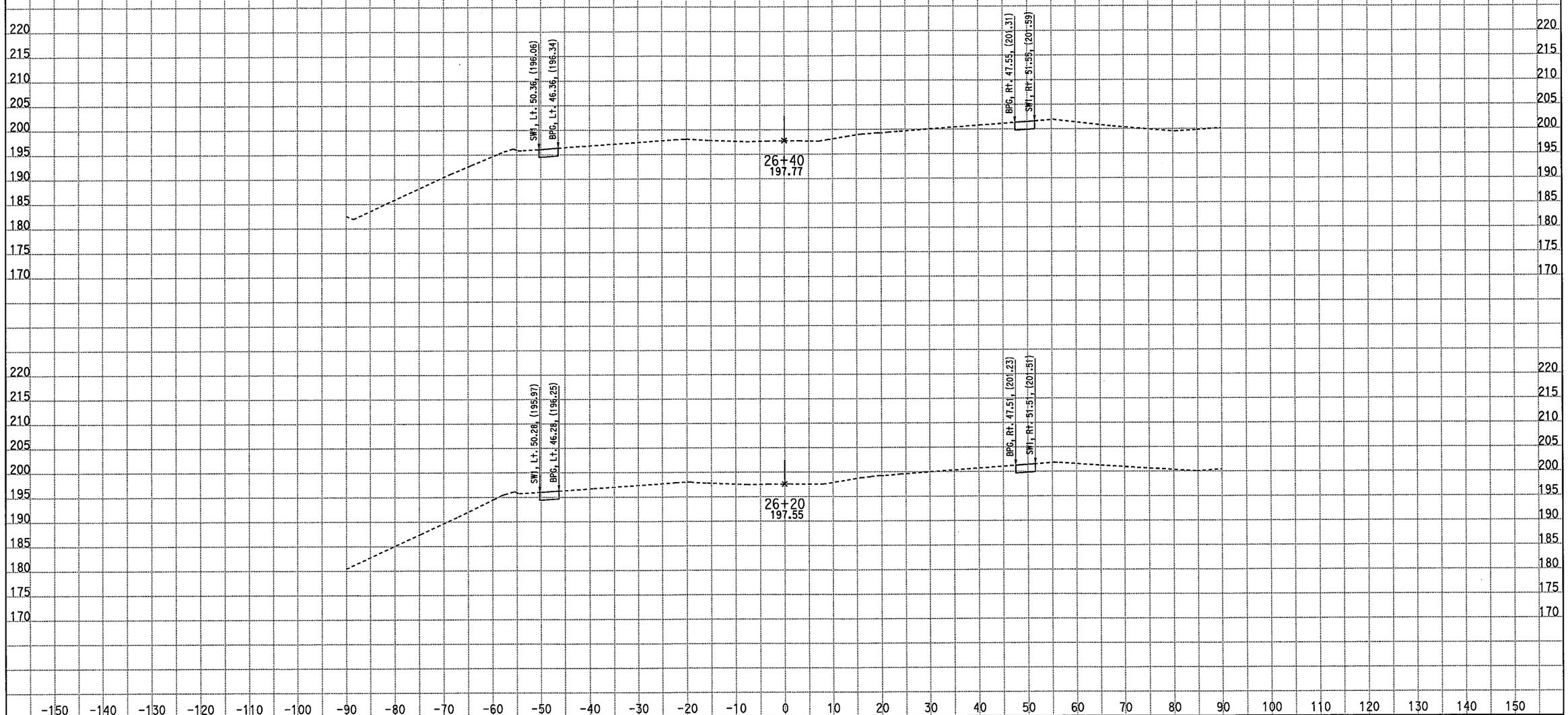
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
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PROJECT ID: EMOH

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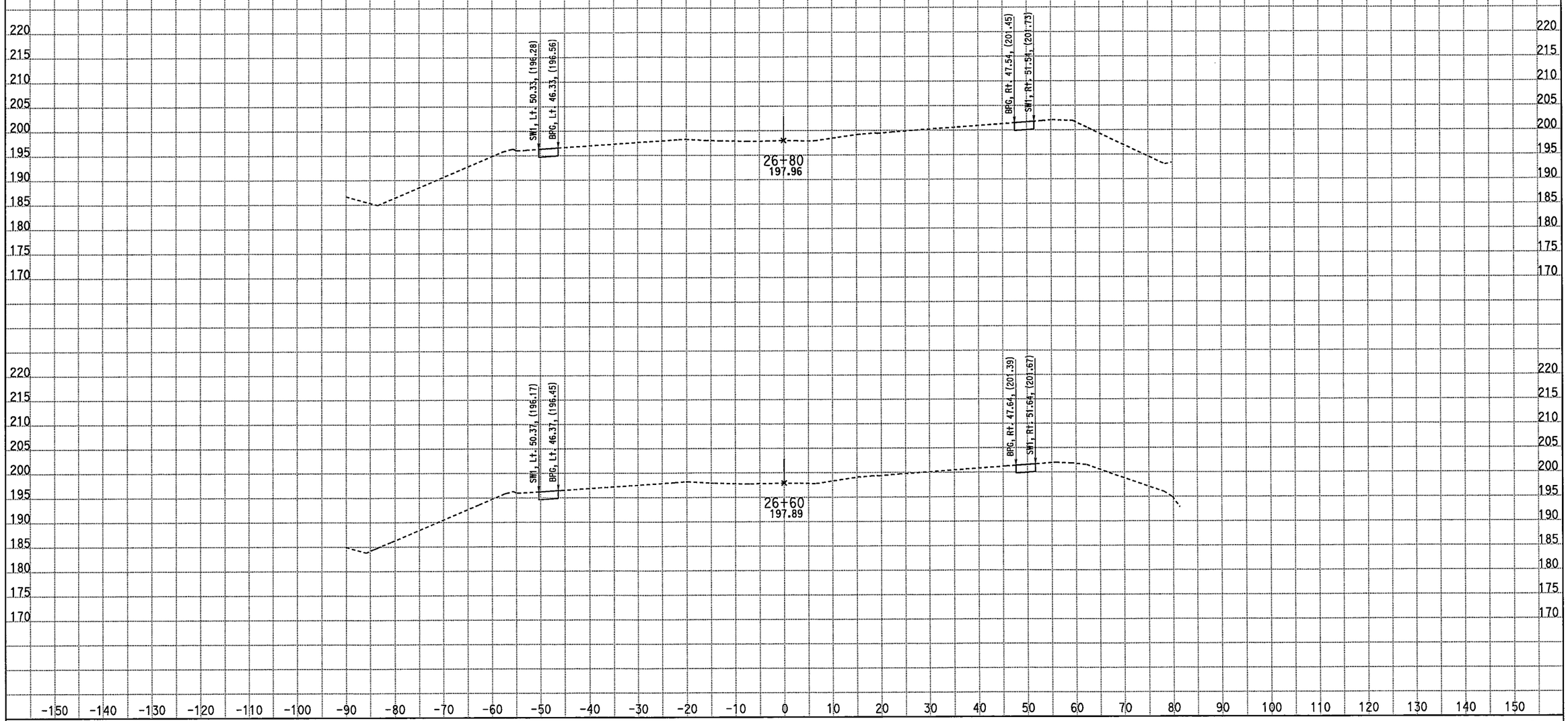
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 9 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
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PROJECT ID: EMOH

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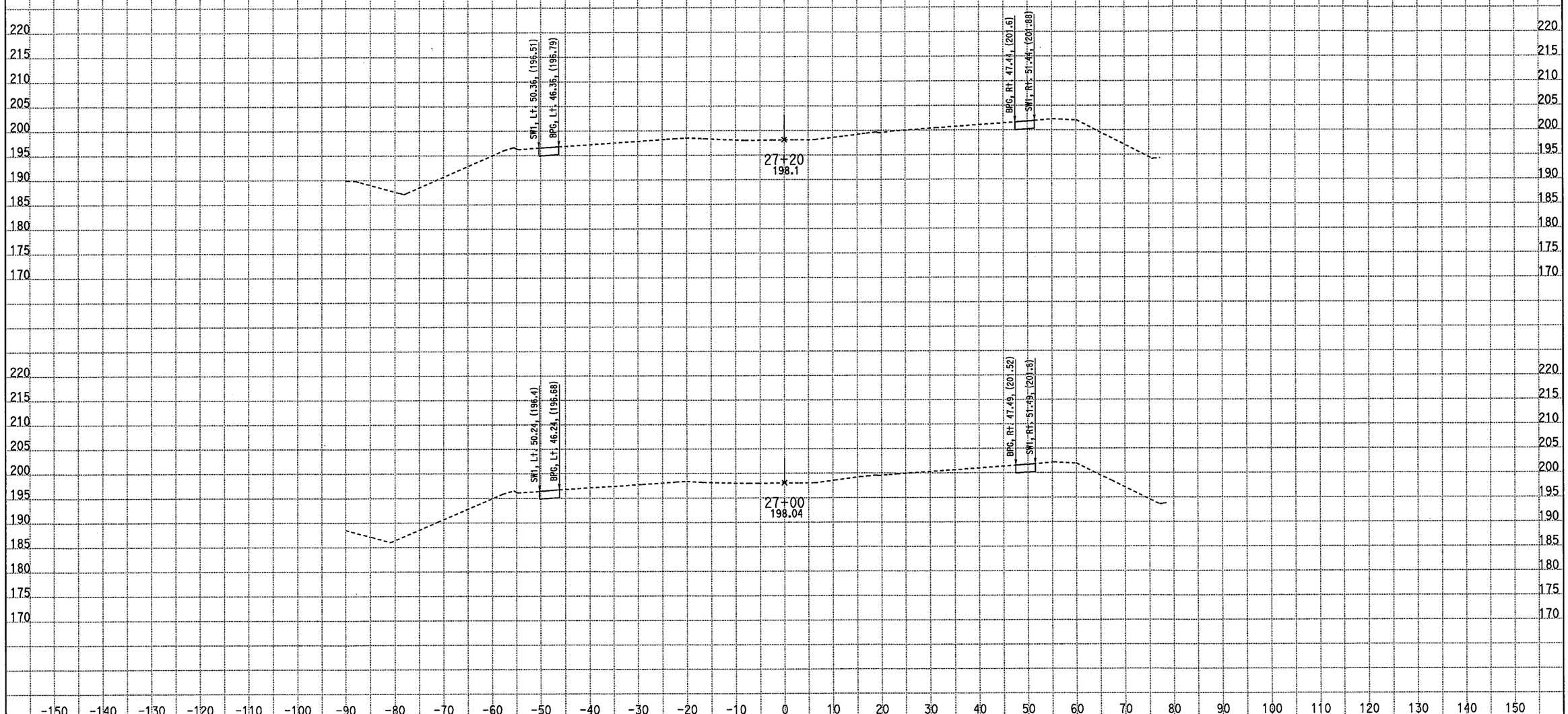
All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 10 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
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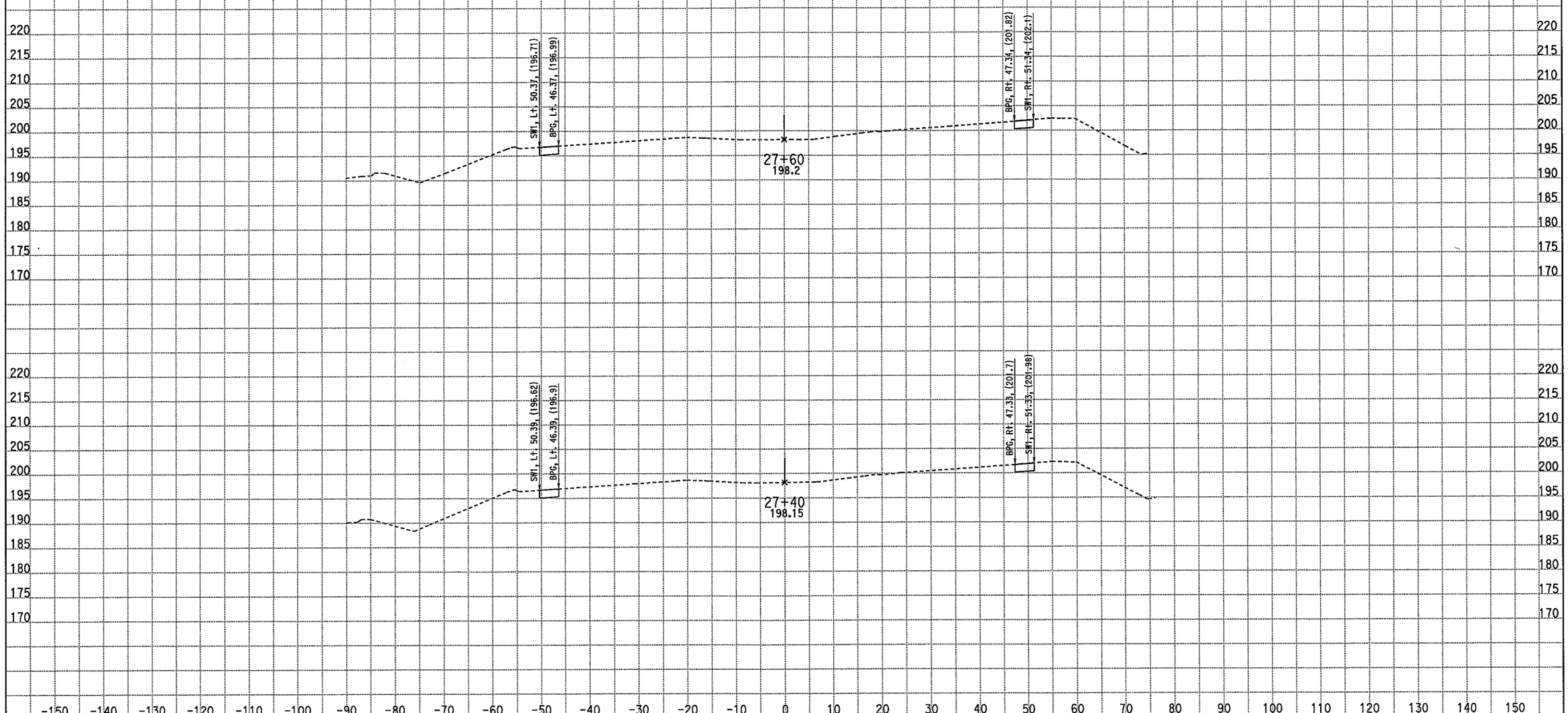
All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 11 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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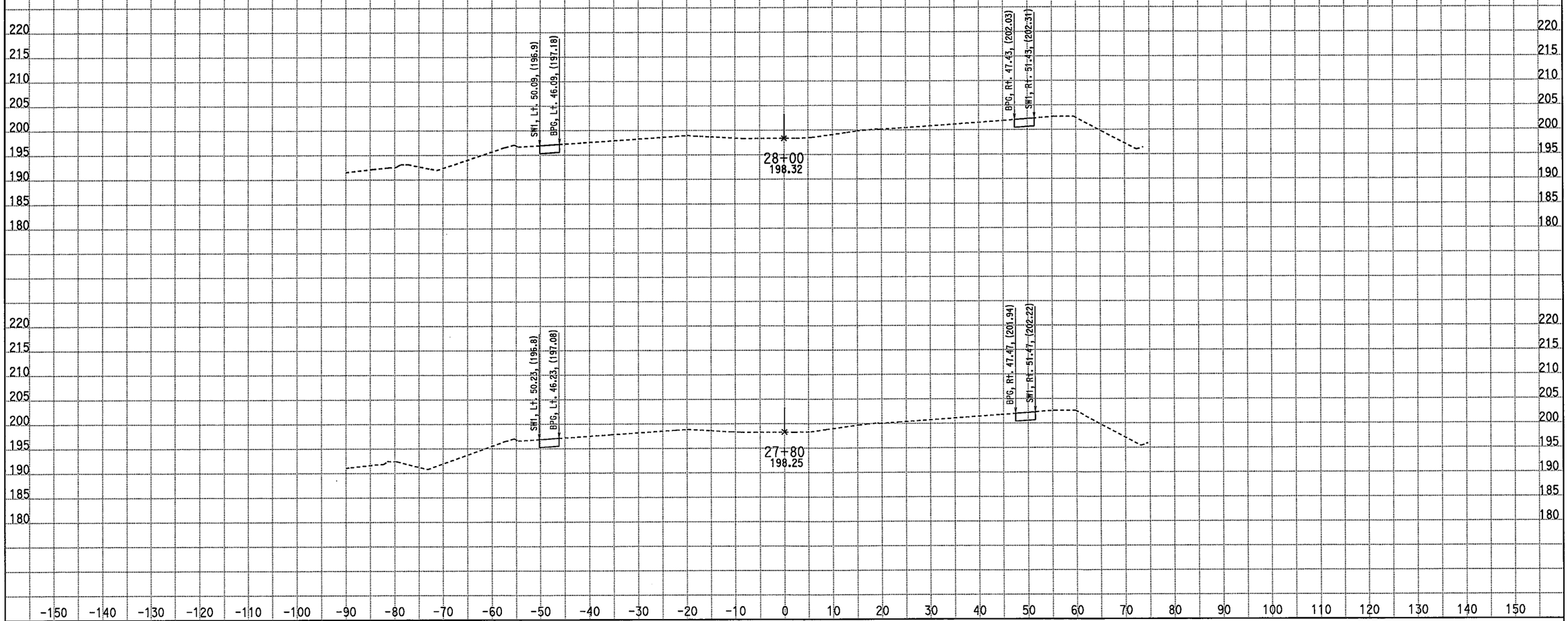
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 12 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

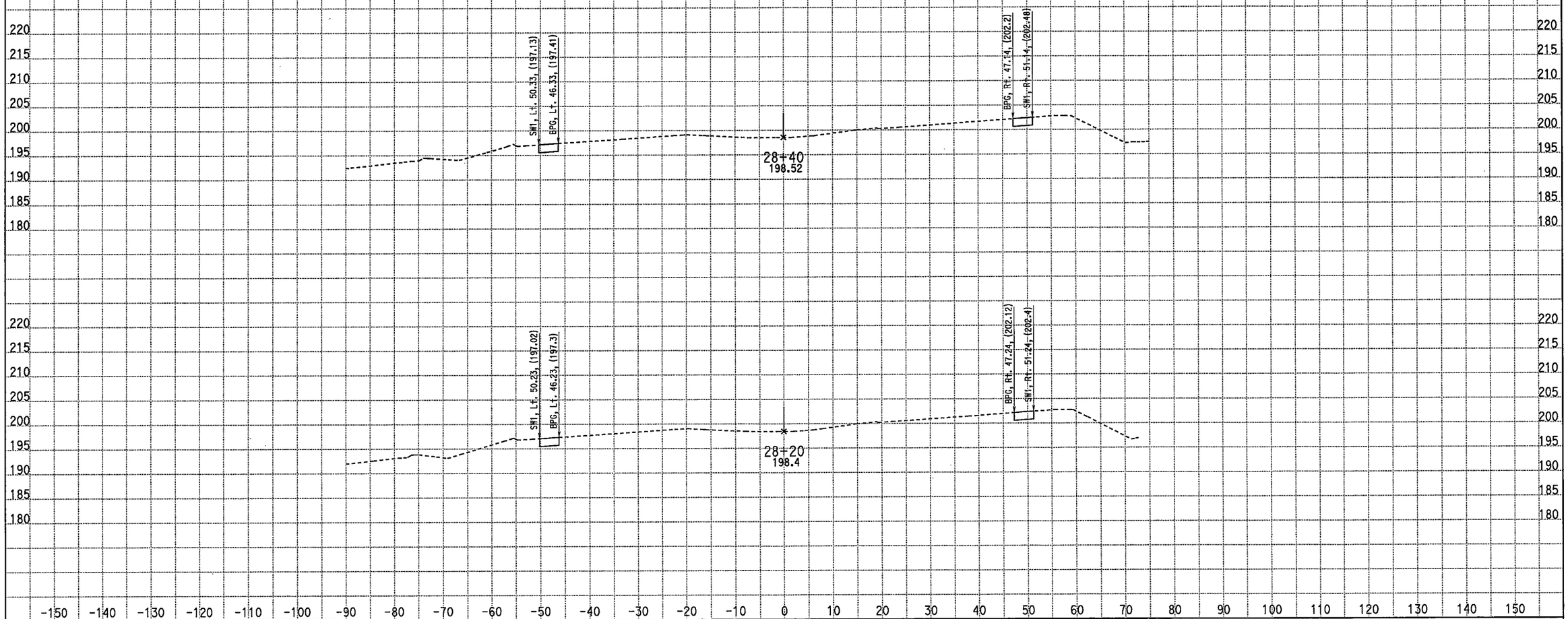
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 13 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

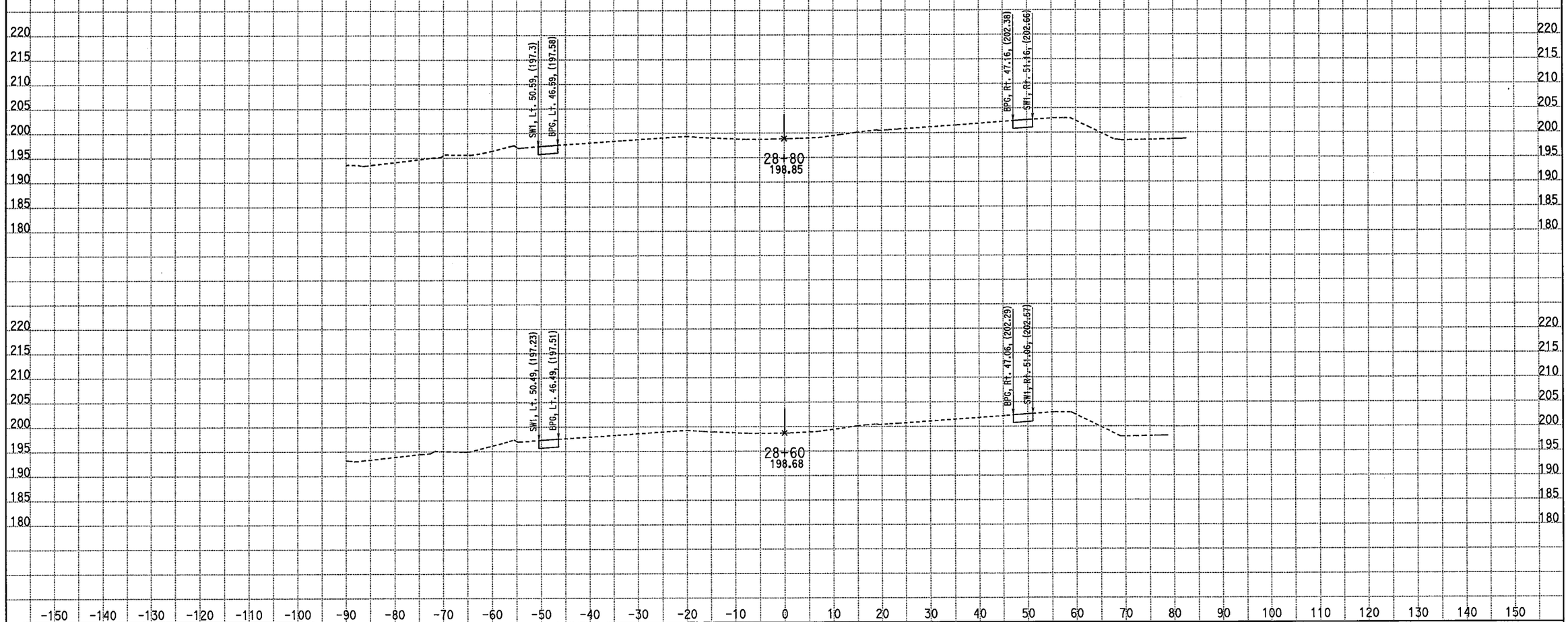
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 14 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

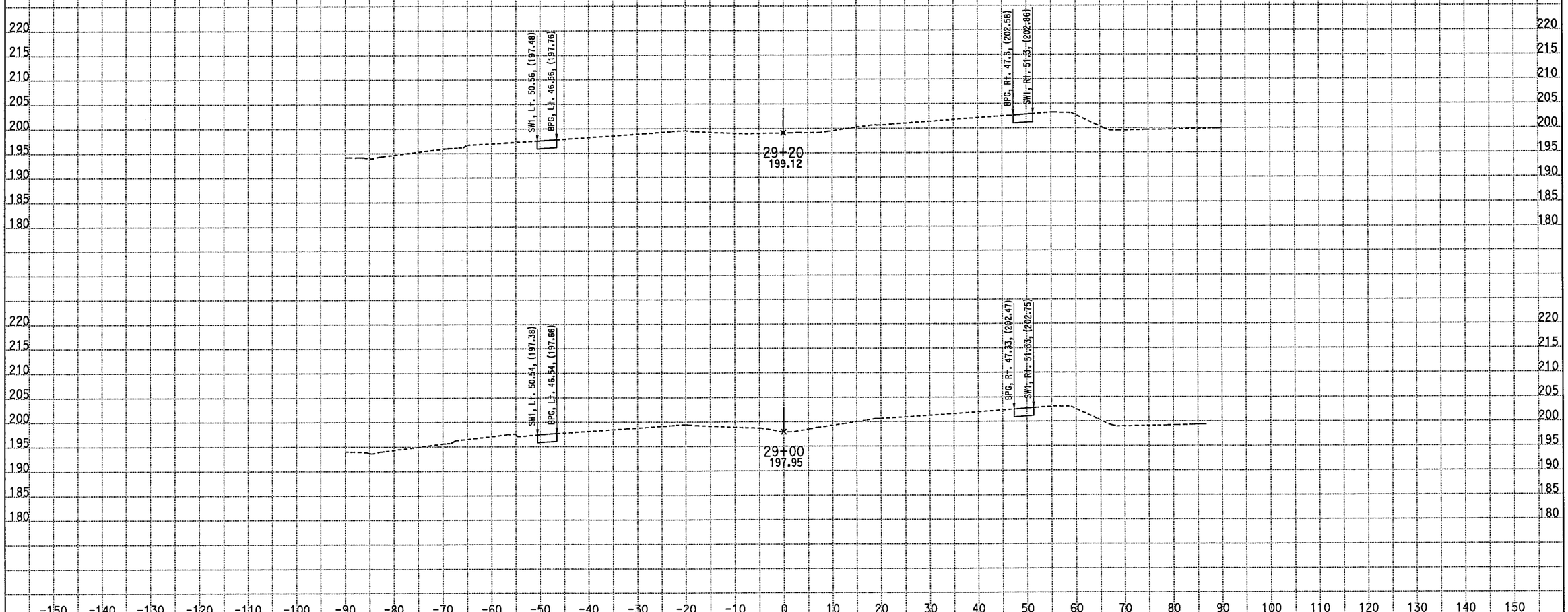
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 15 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

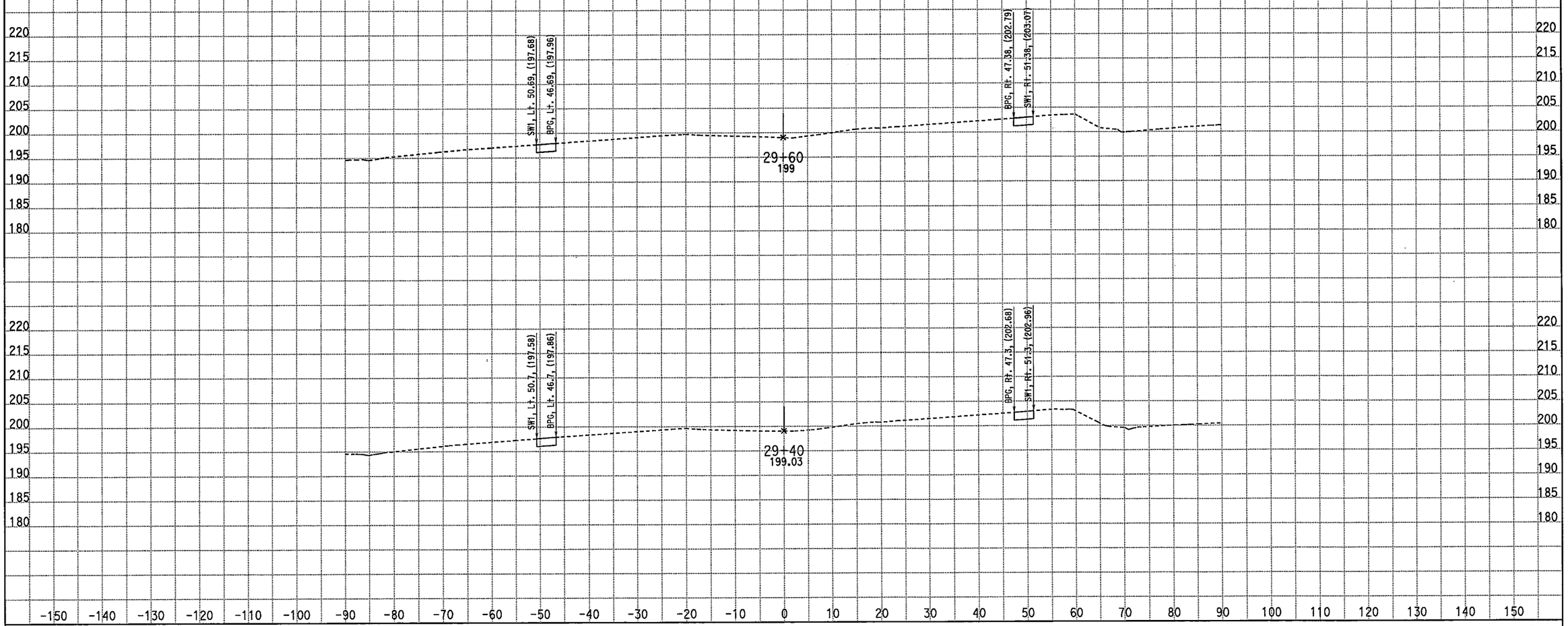
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 16 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

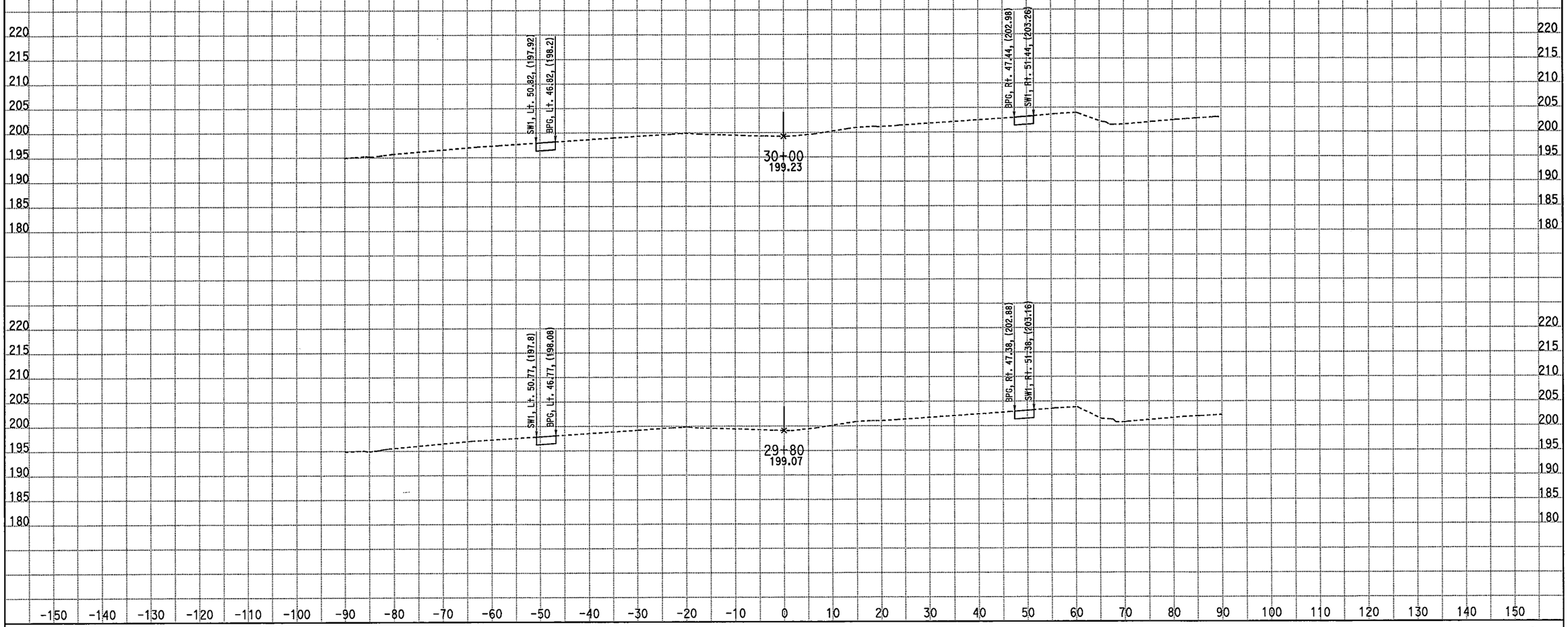
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 17 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



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DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

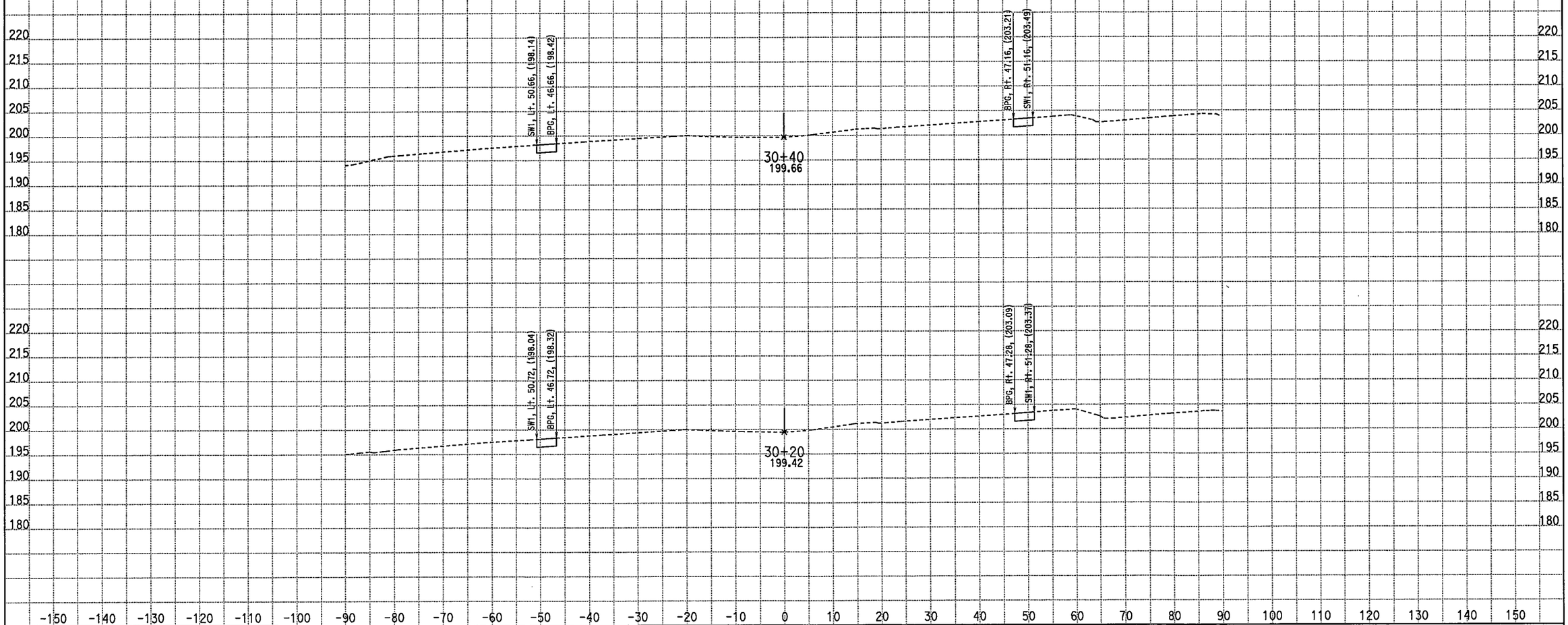
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 18 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

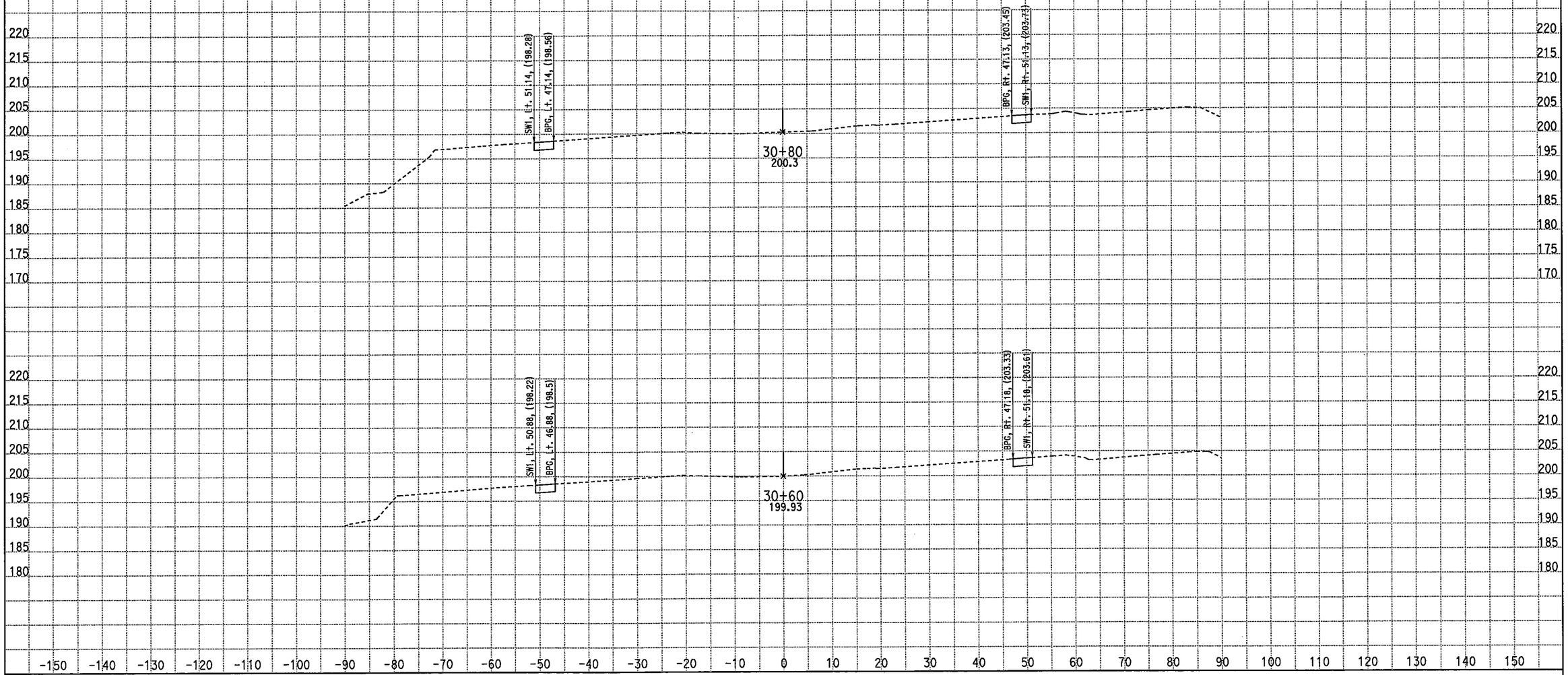
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 19 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

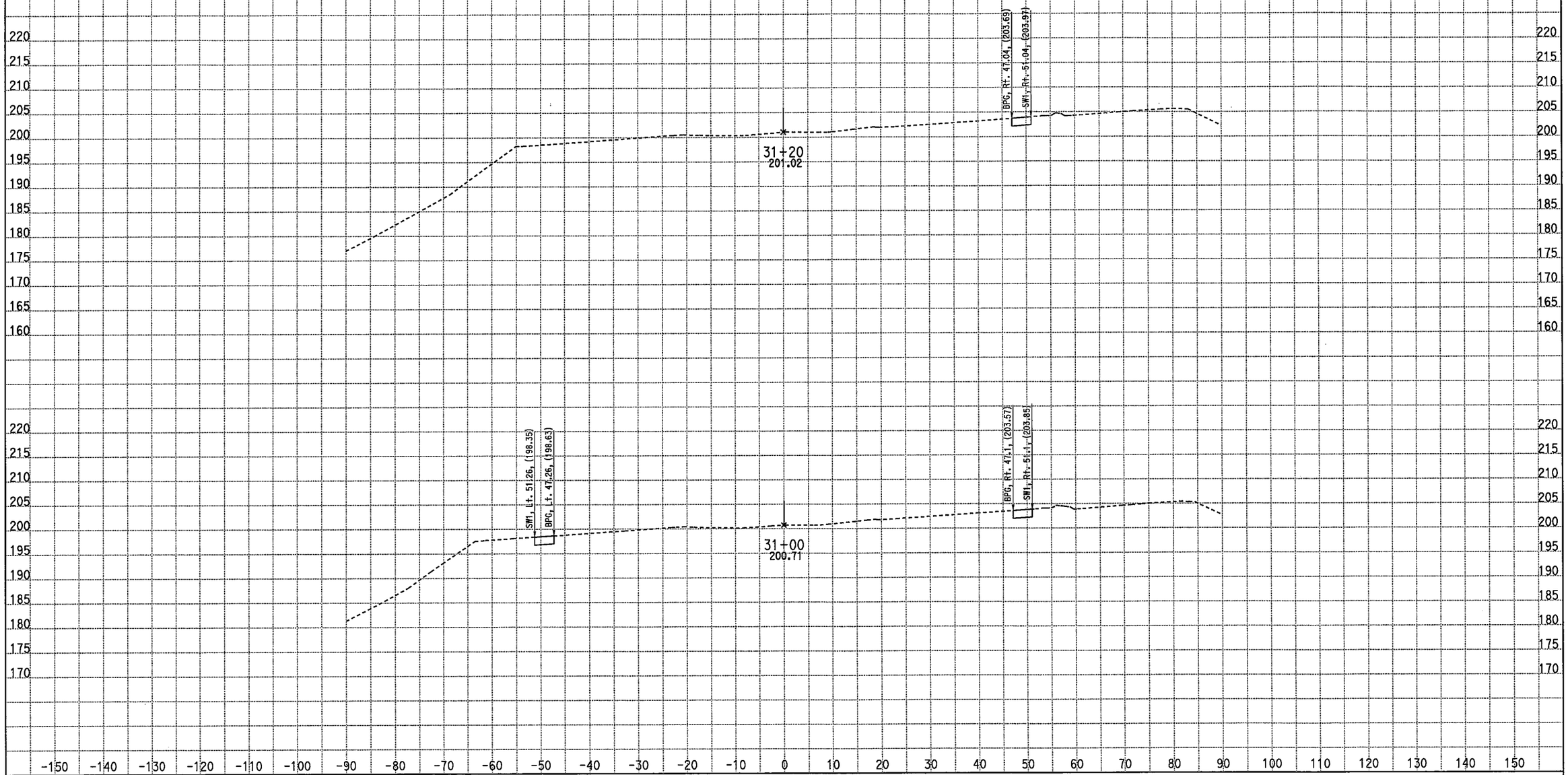
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 20 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

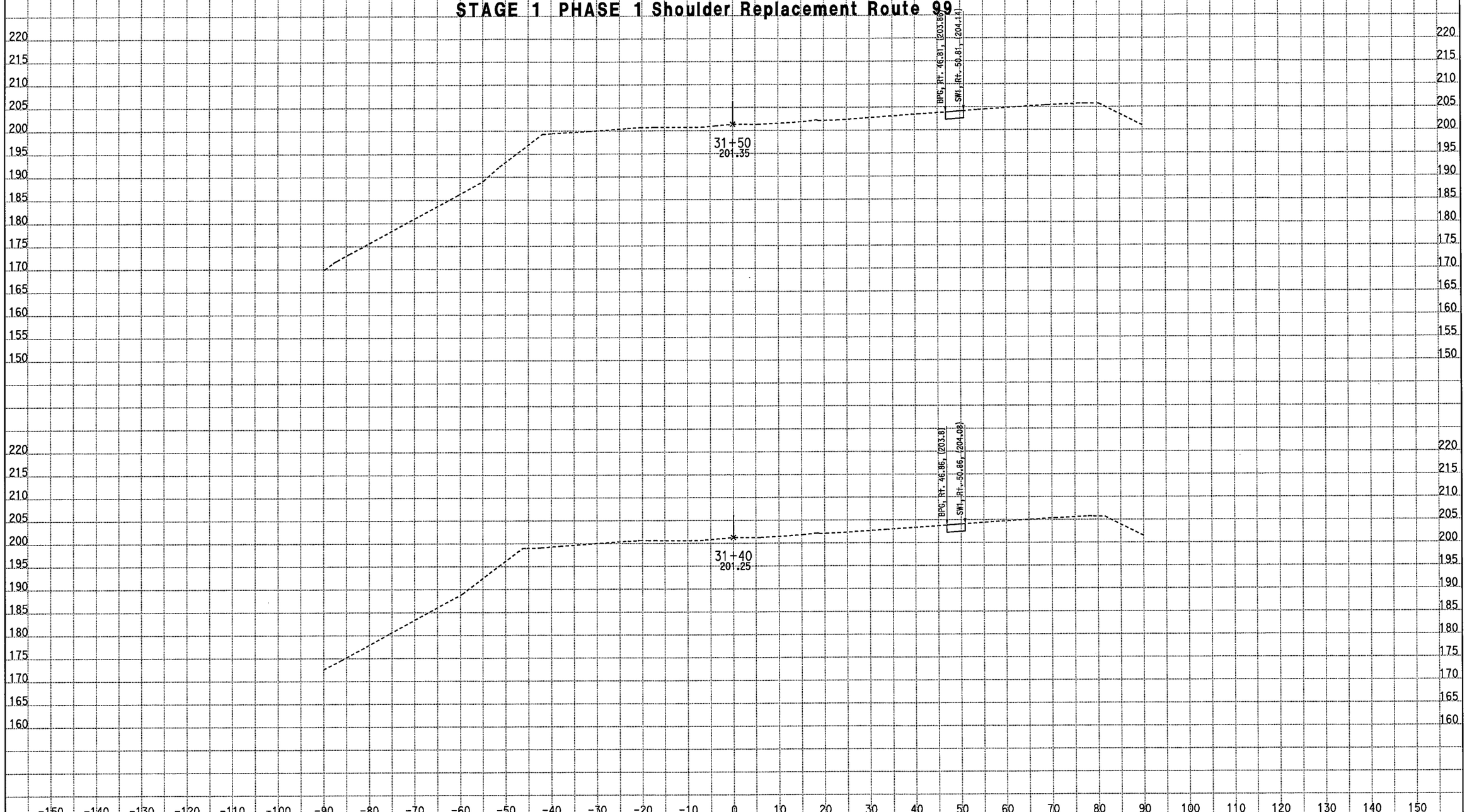
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 21 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

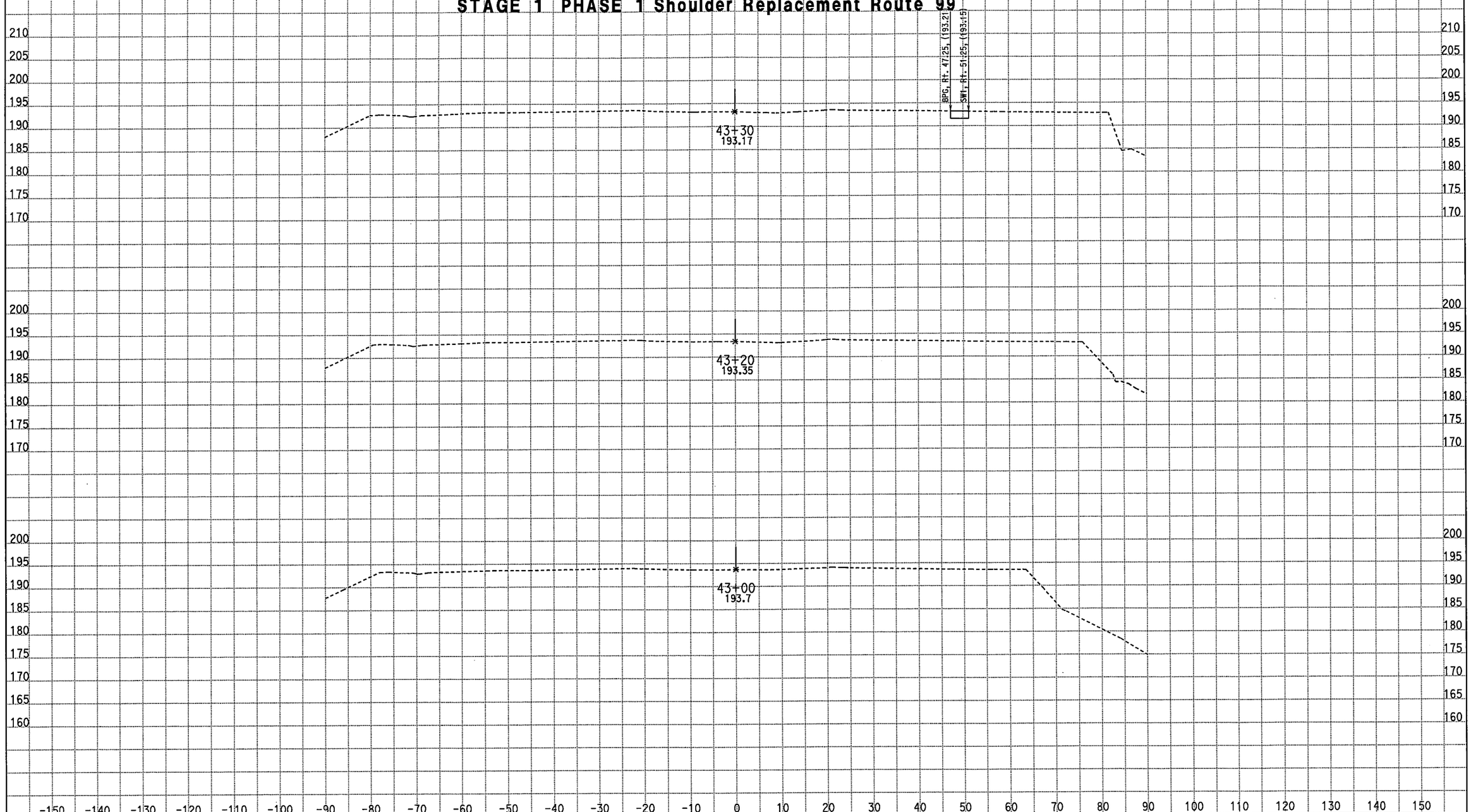
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 22 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

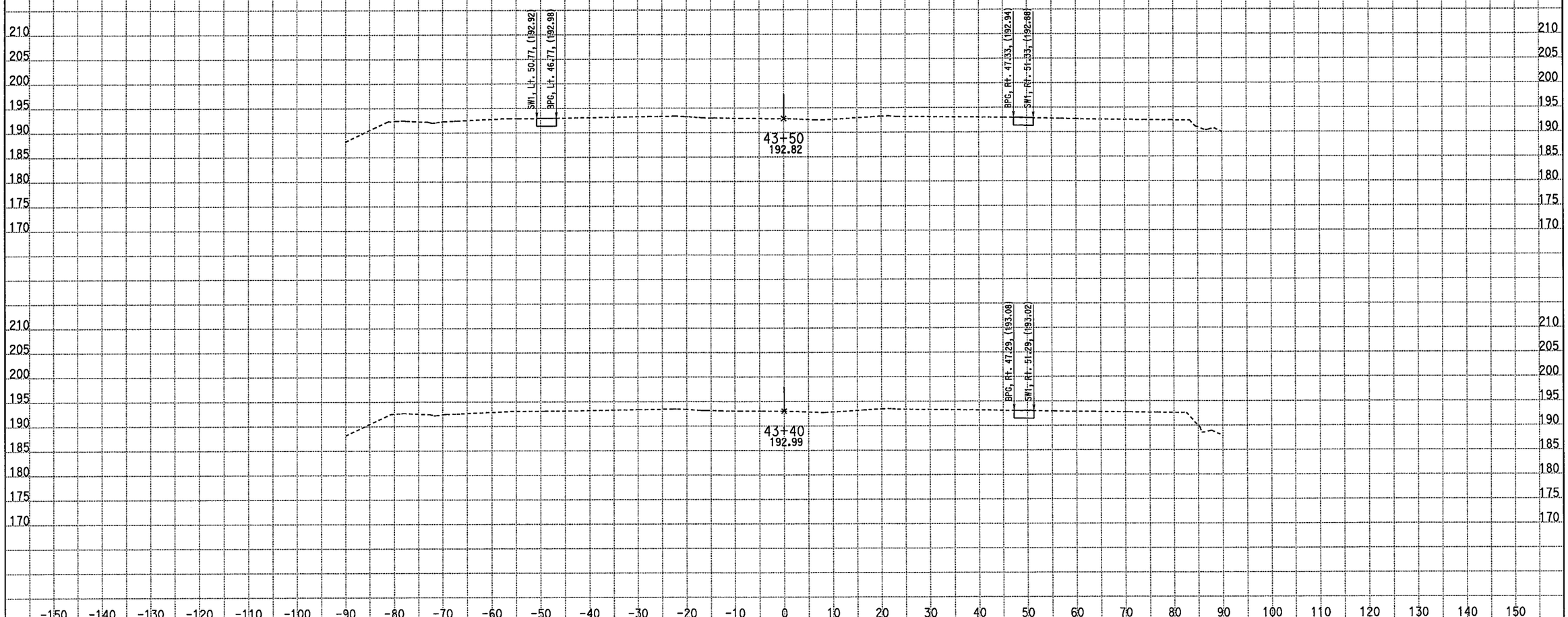
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 23 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

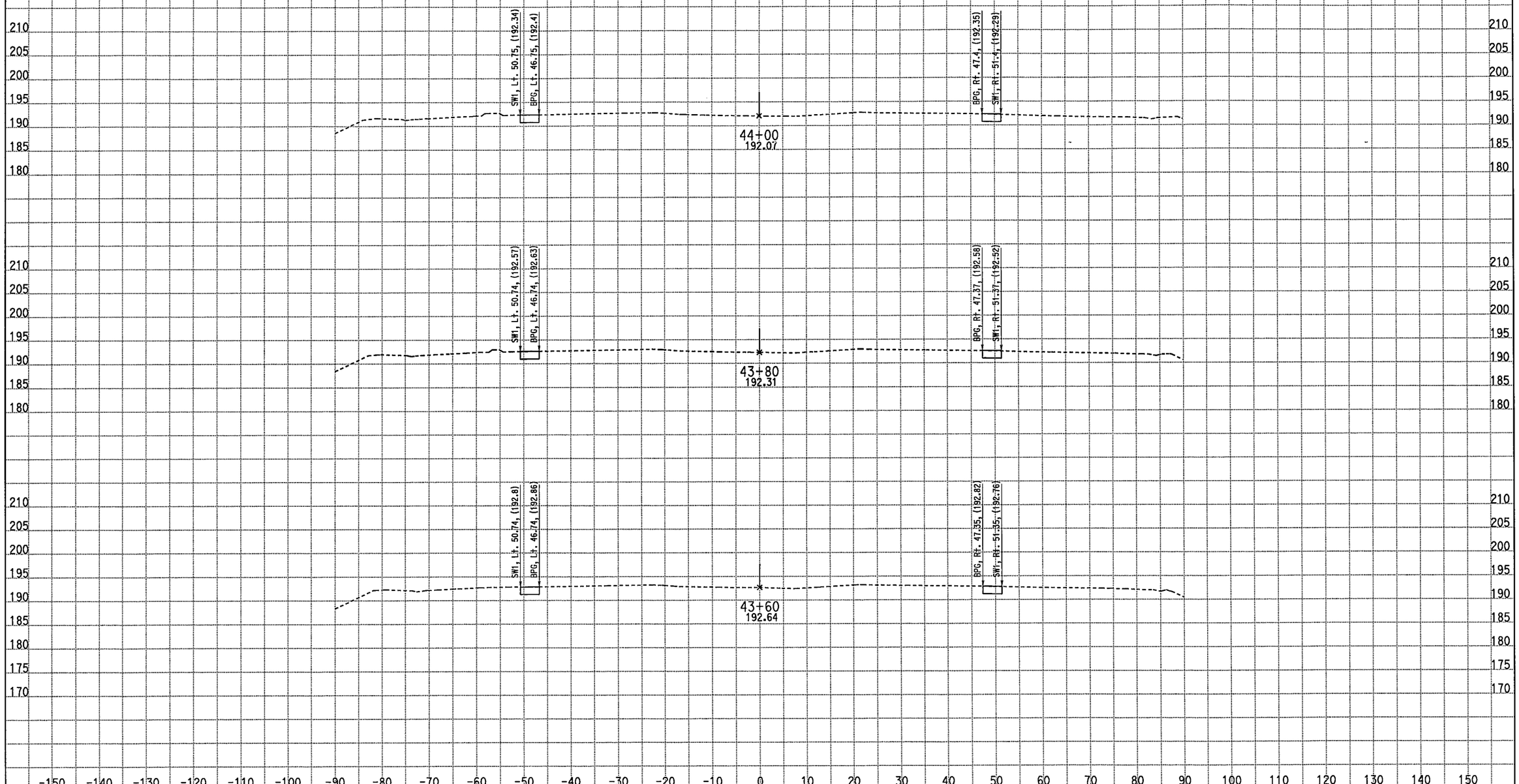
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 24 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

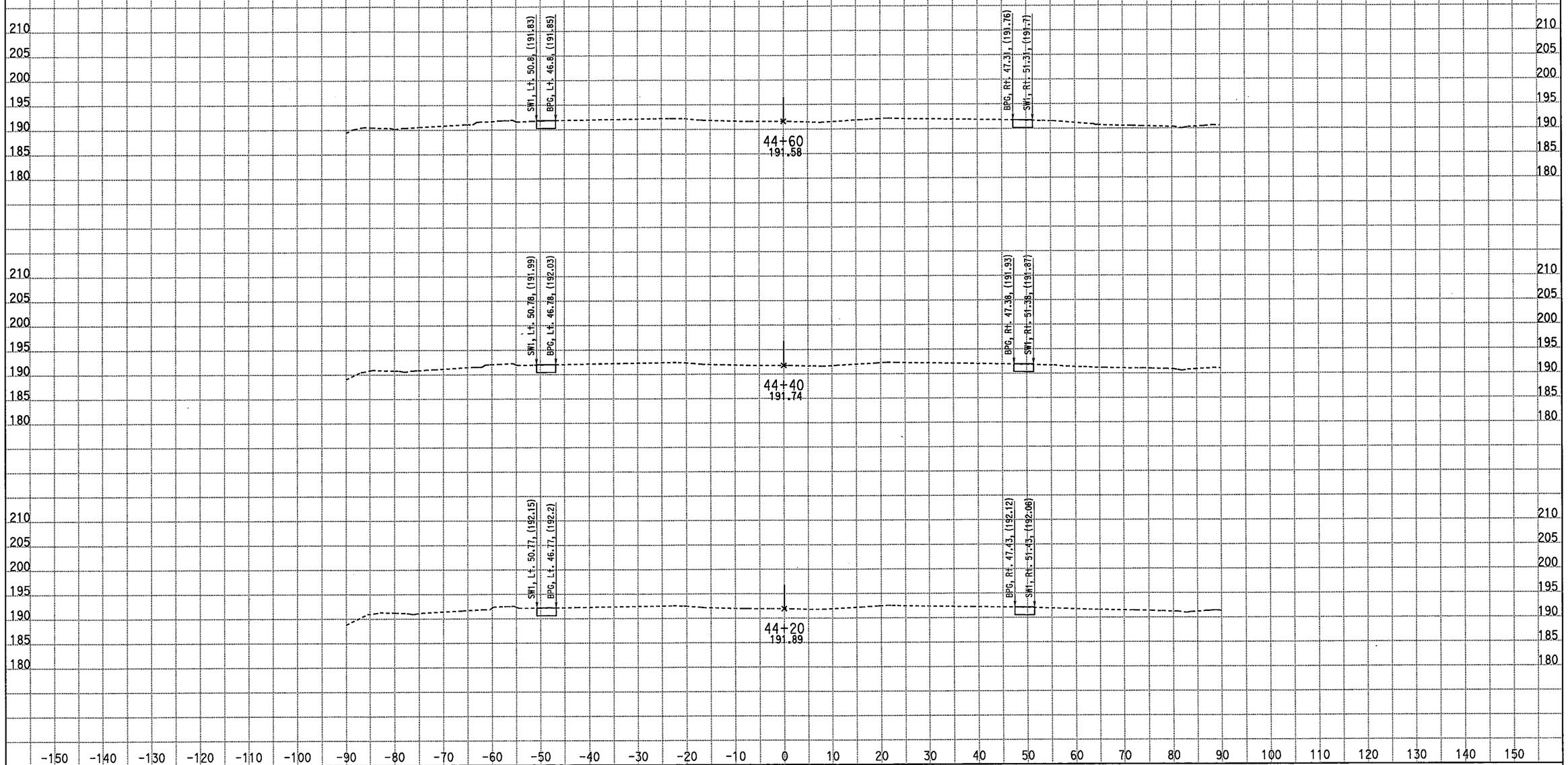
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 25 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

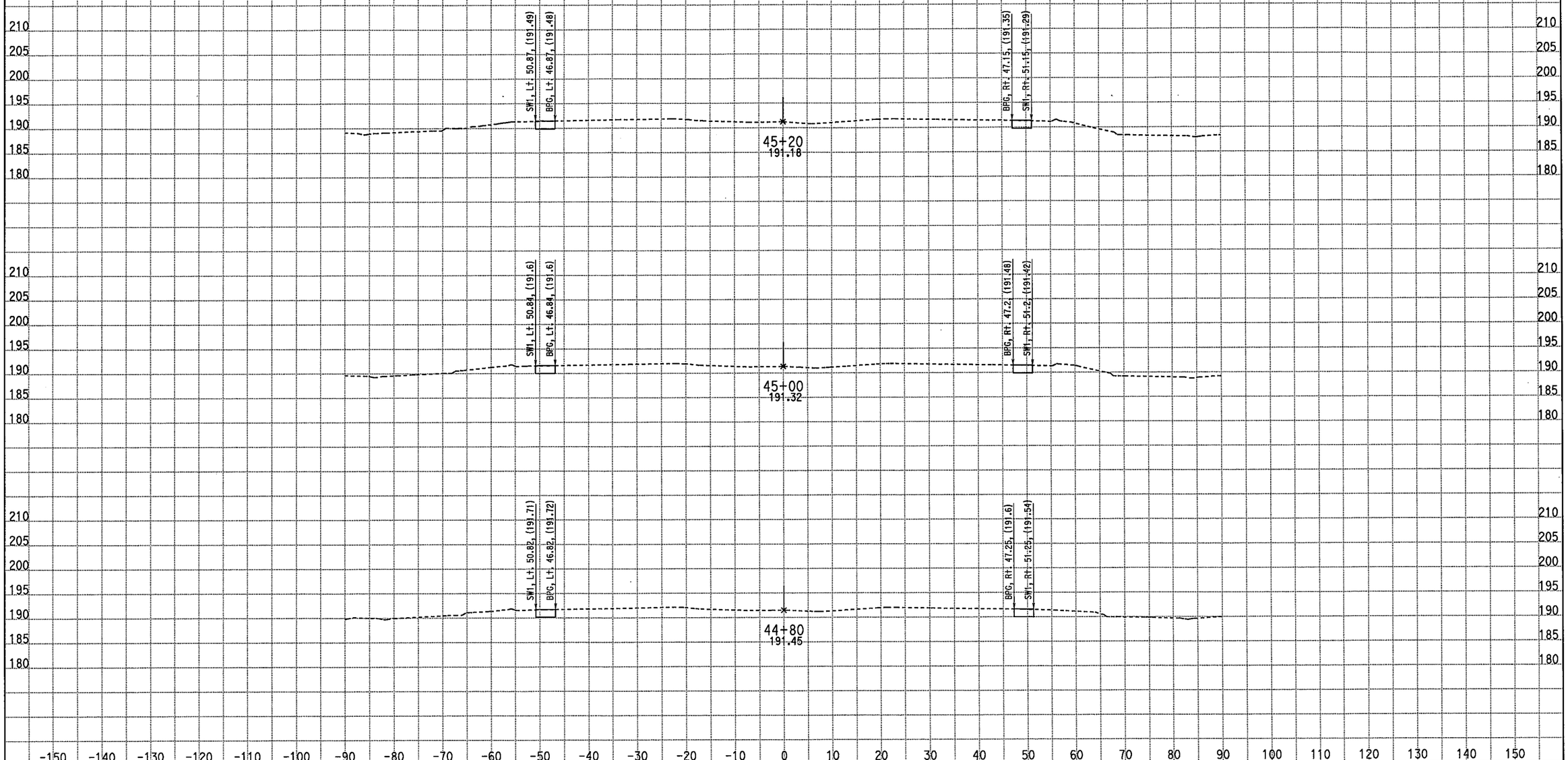
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 26 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

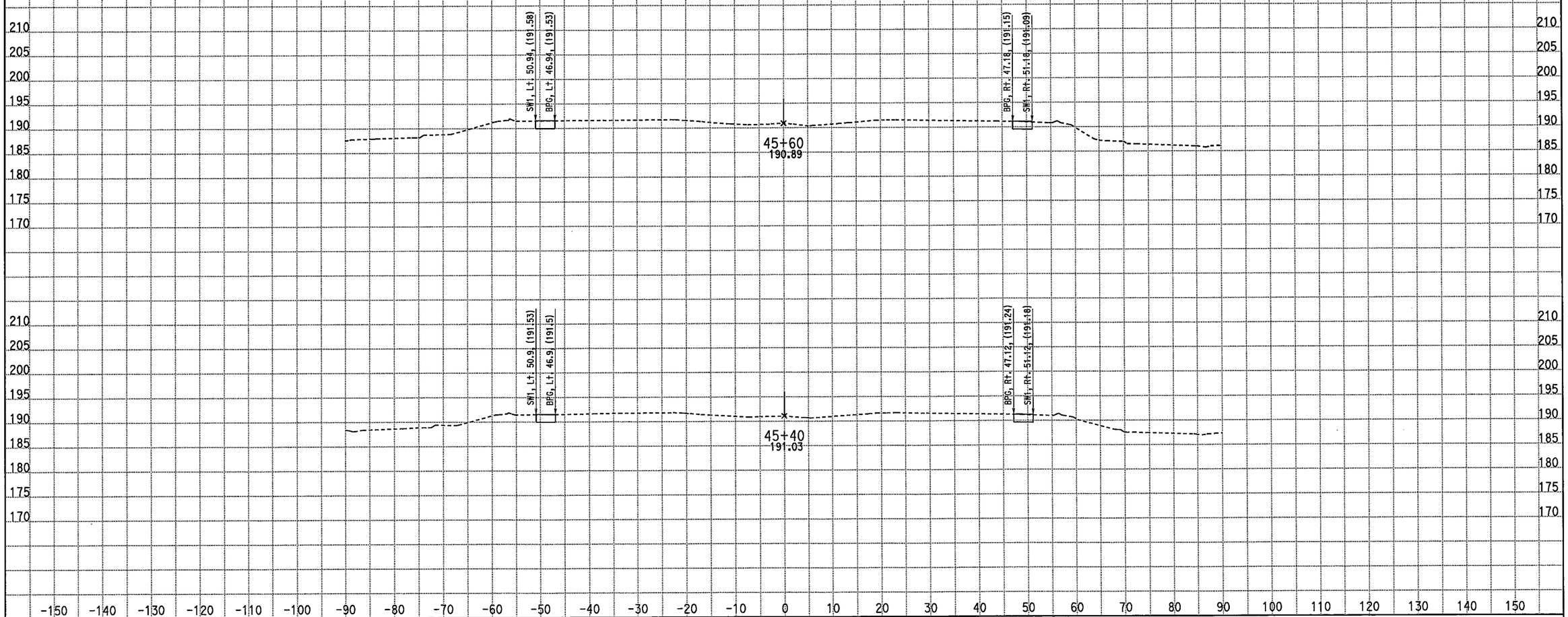
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 27 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

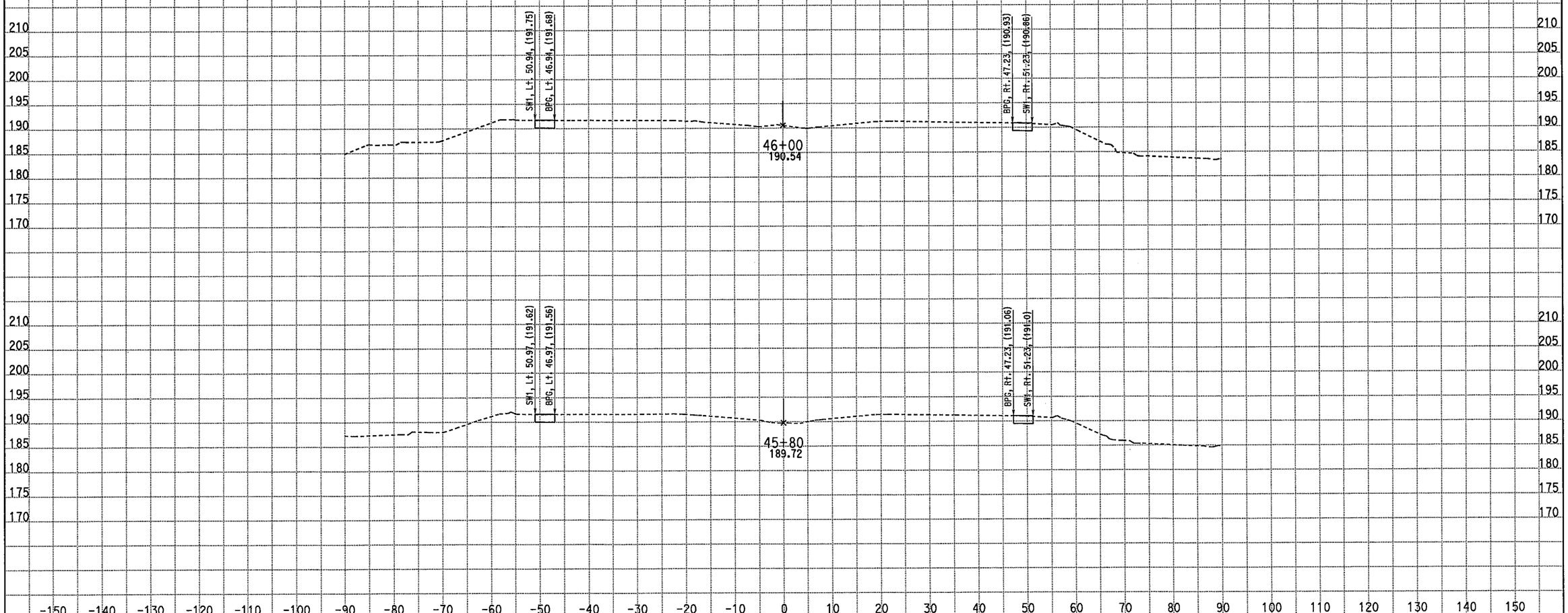
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 28 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

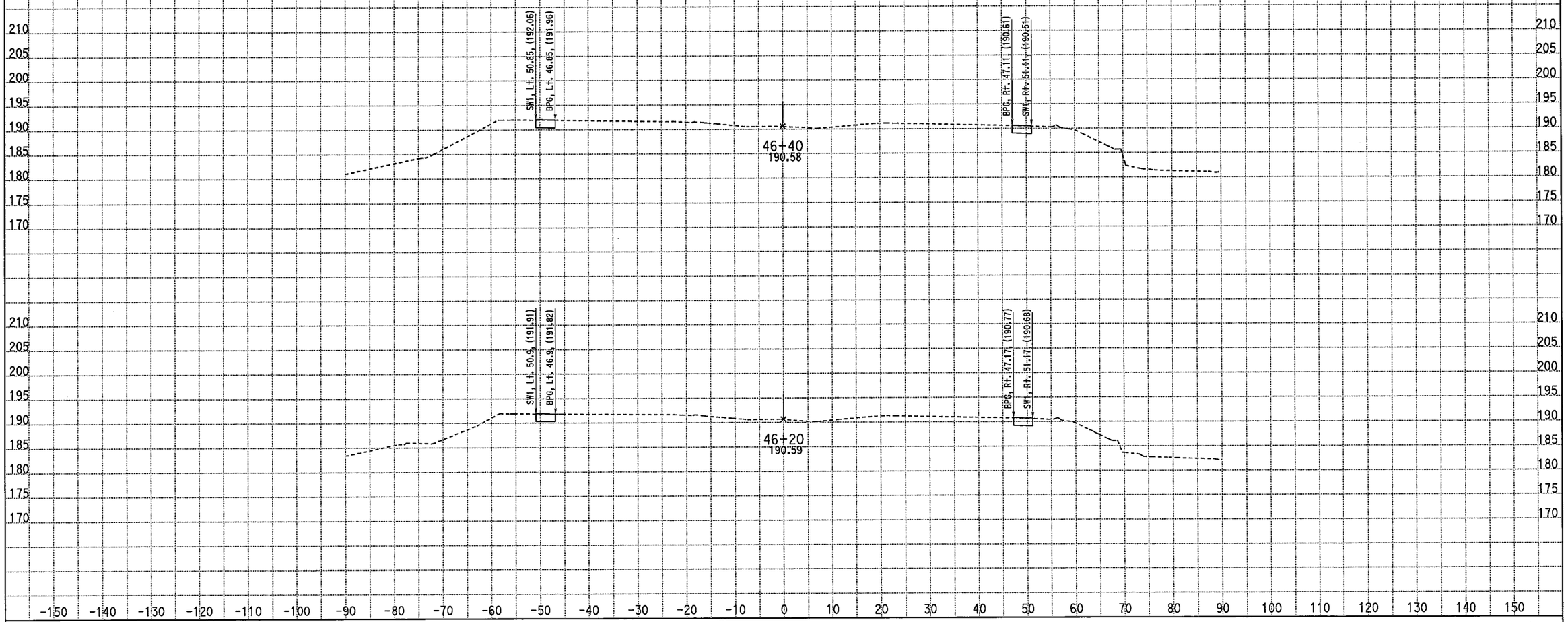
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 29 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

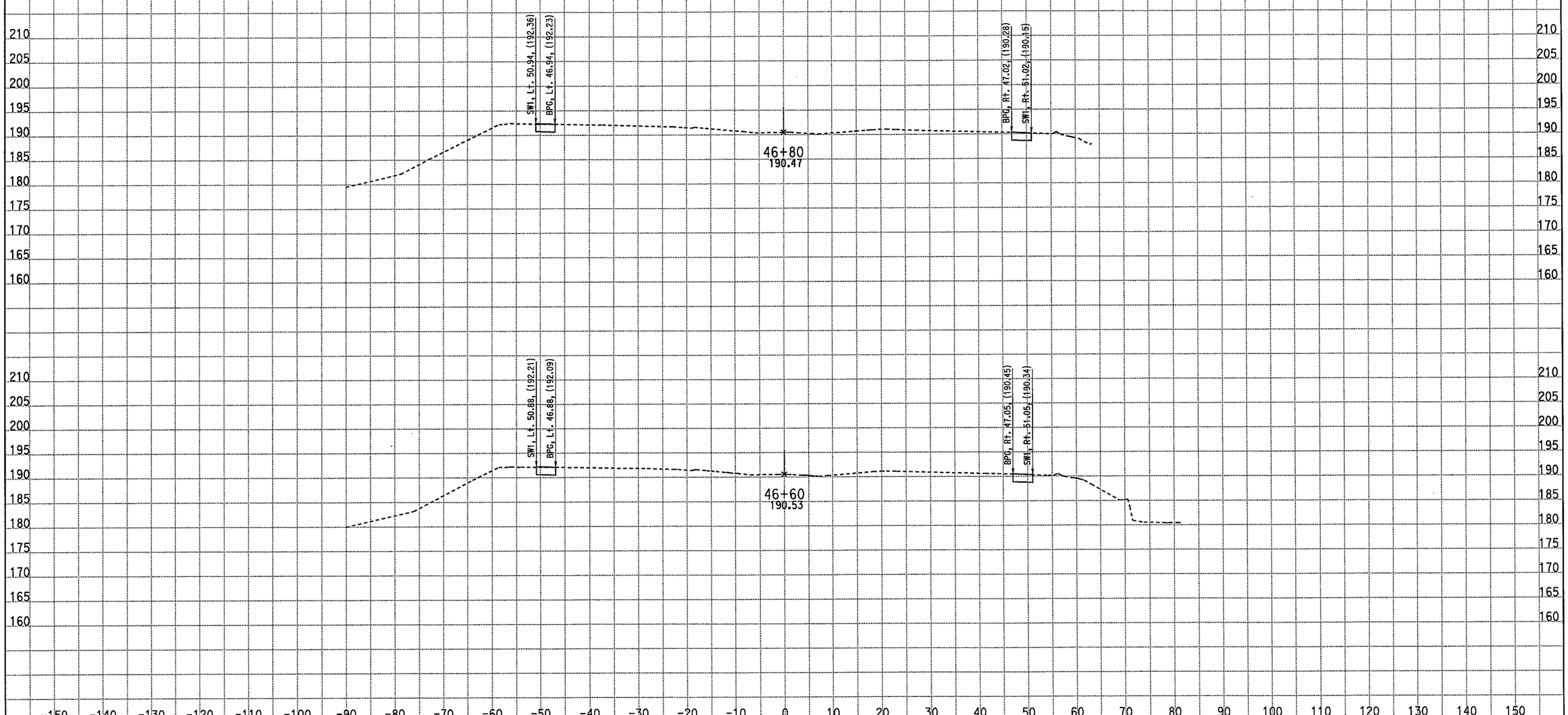
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 30 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

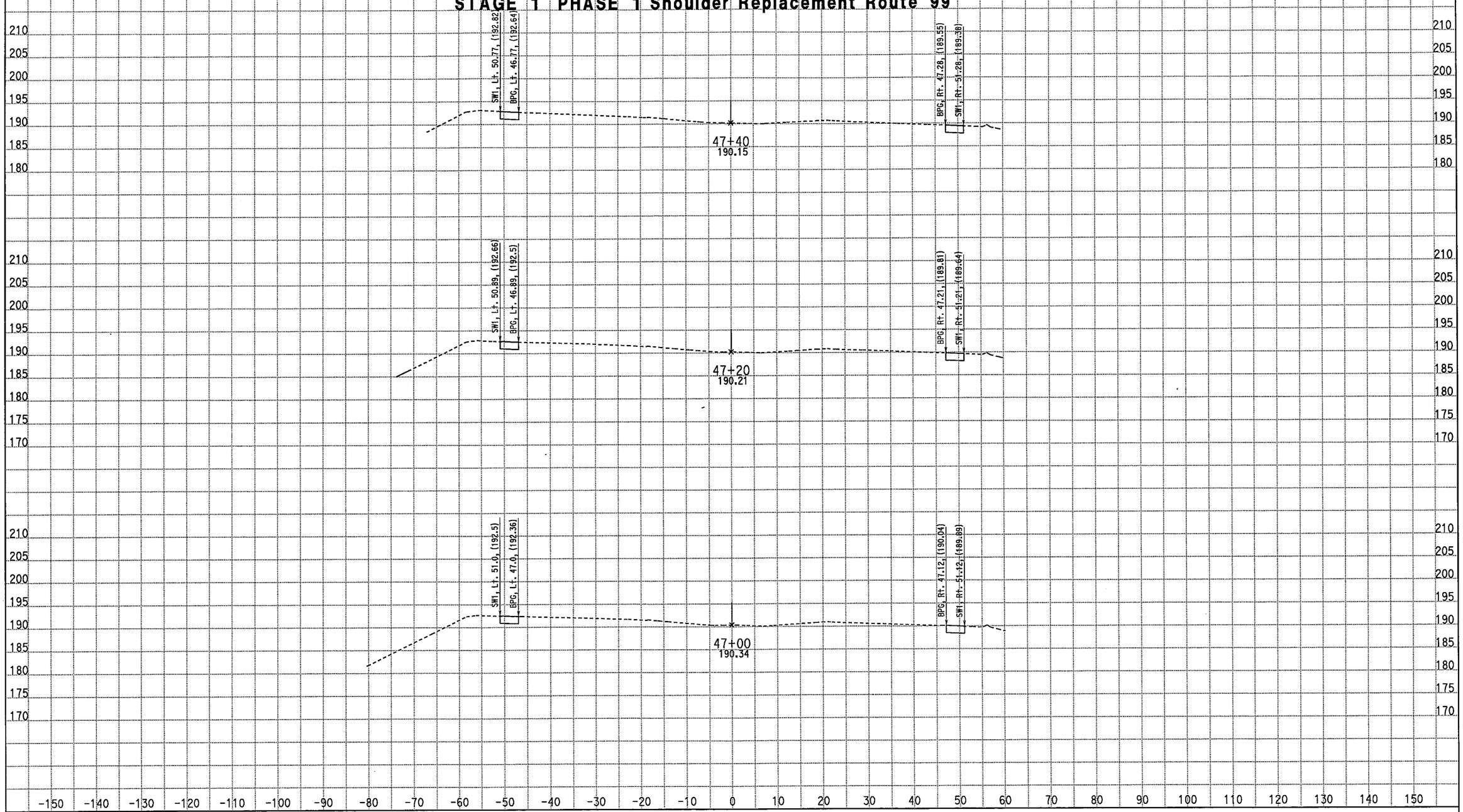
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 31 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

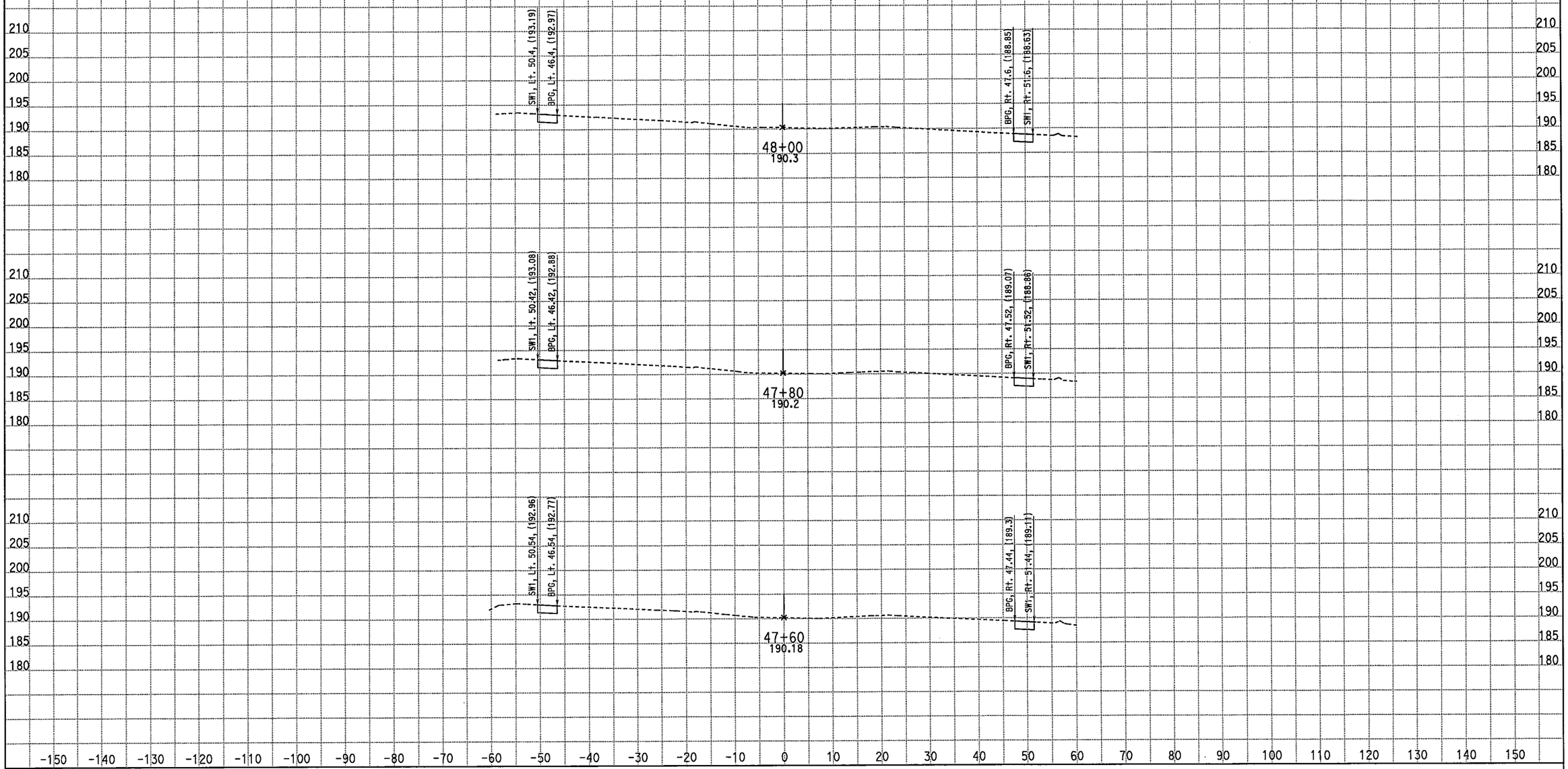
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 32 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

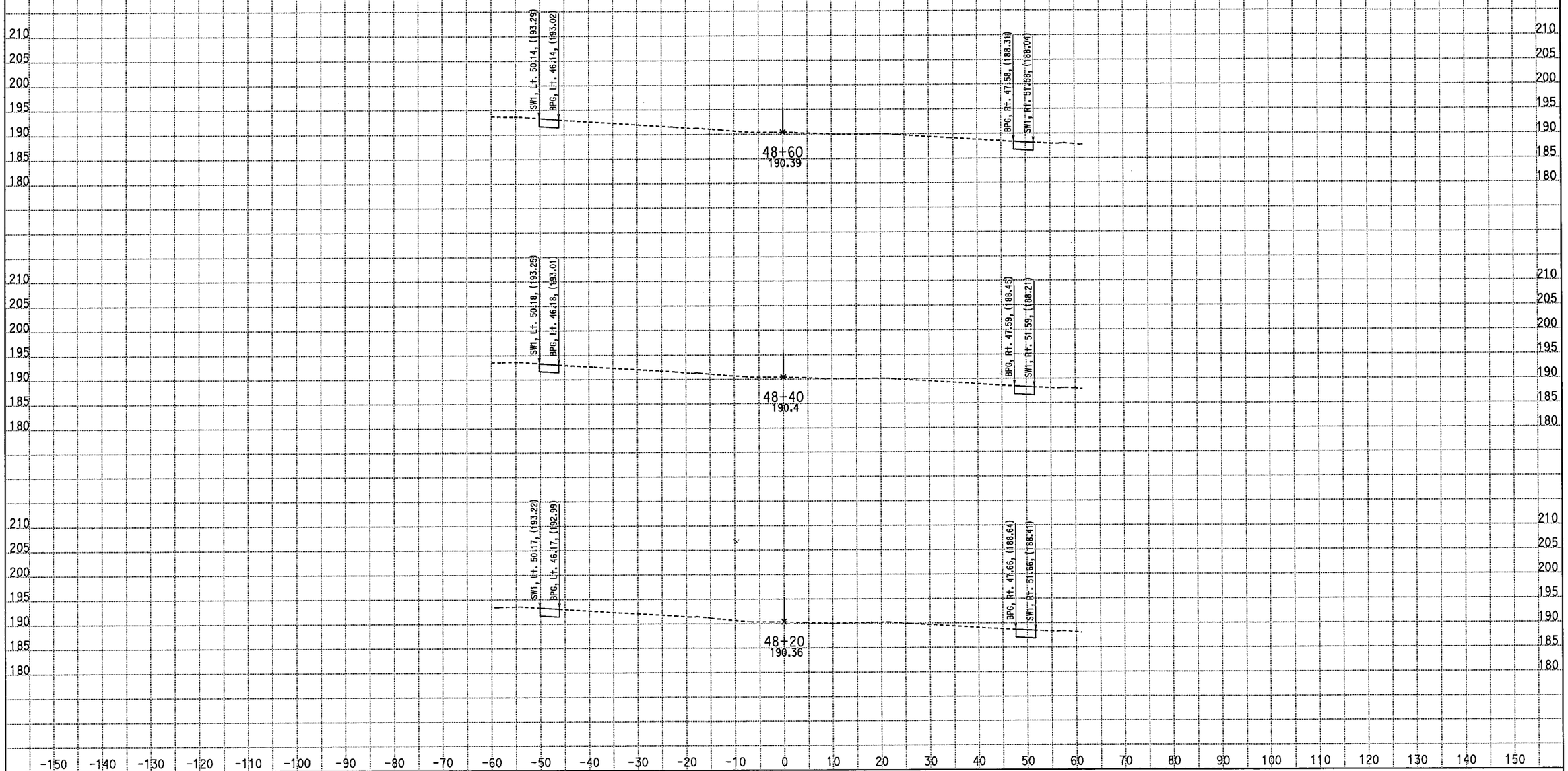
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 33 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

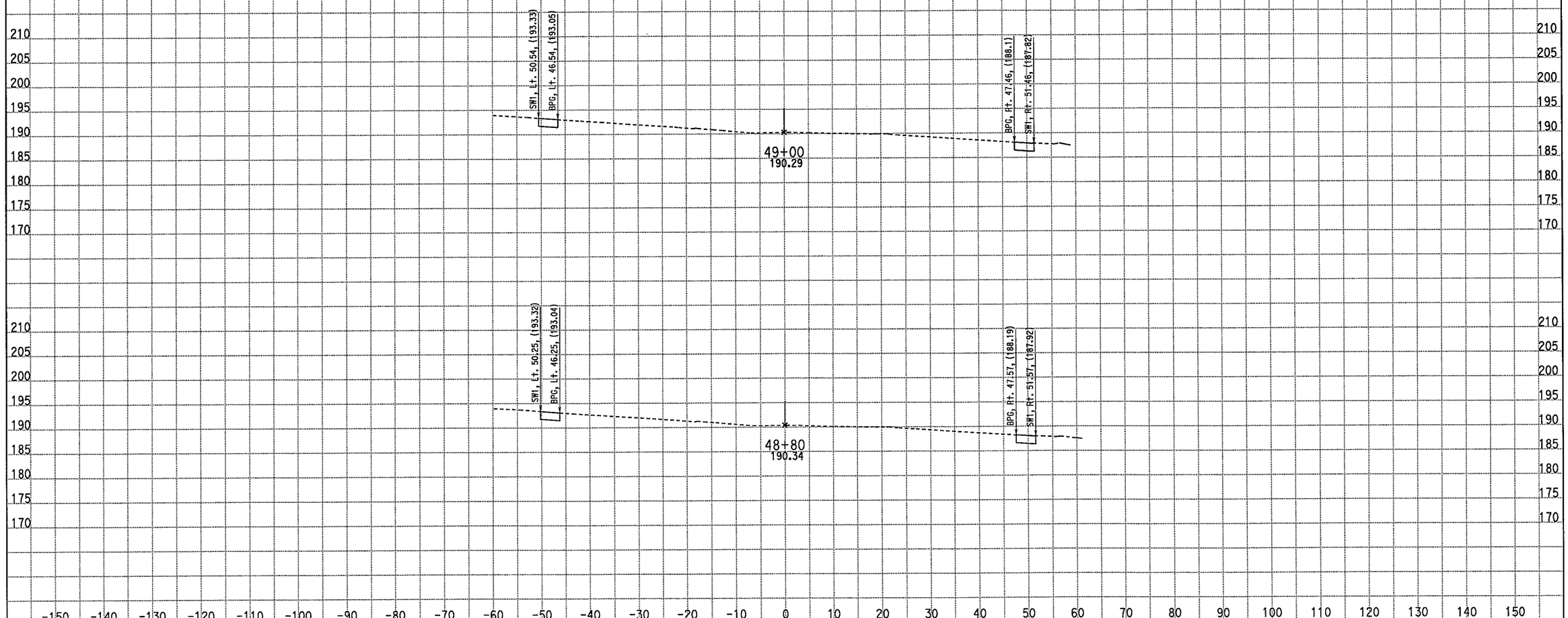
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 34 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

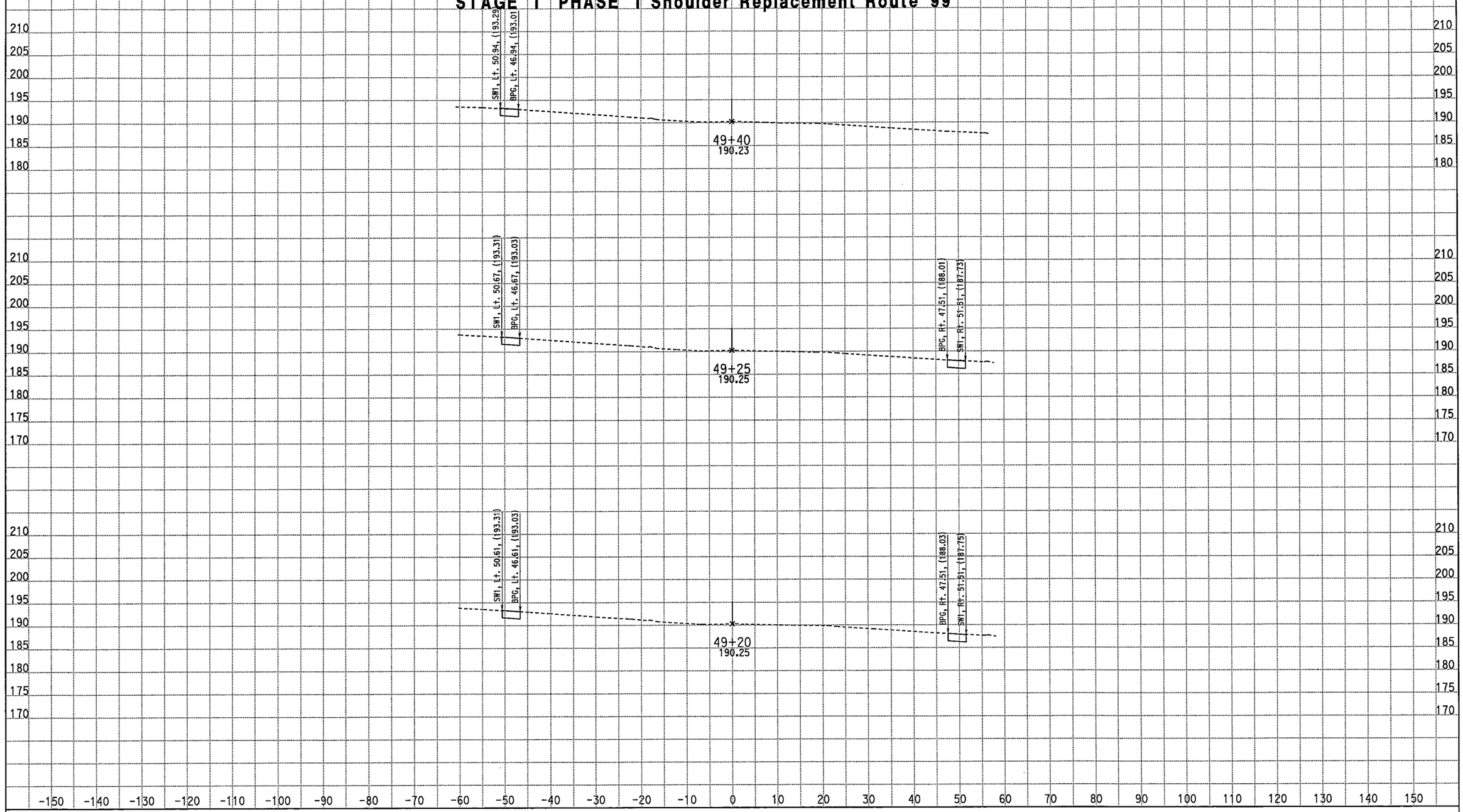
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 35 OF 36

EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 1 Shoulder Replacement Route 99



CREATED BY: M SADATMANSOORI
DATE: 4/14/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\clos_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

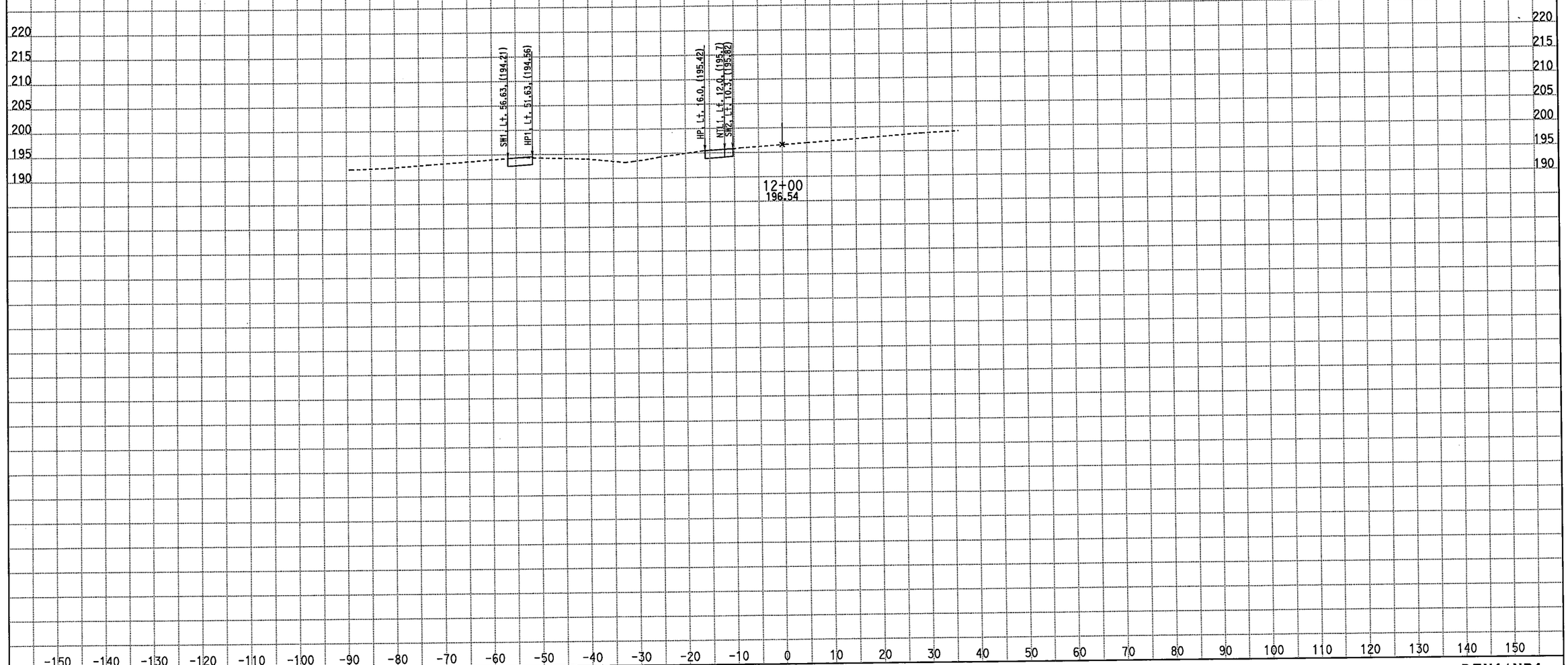
C
CROSS SECTIONS
SHEET 36 OF 36

STAGE 1

PHASE 2-3

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

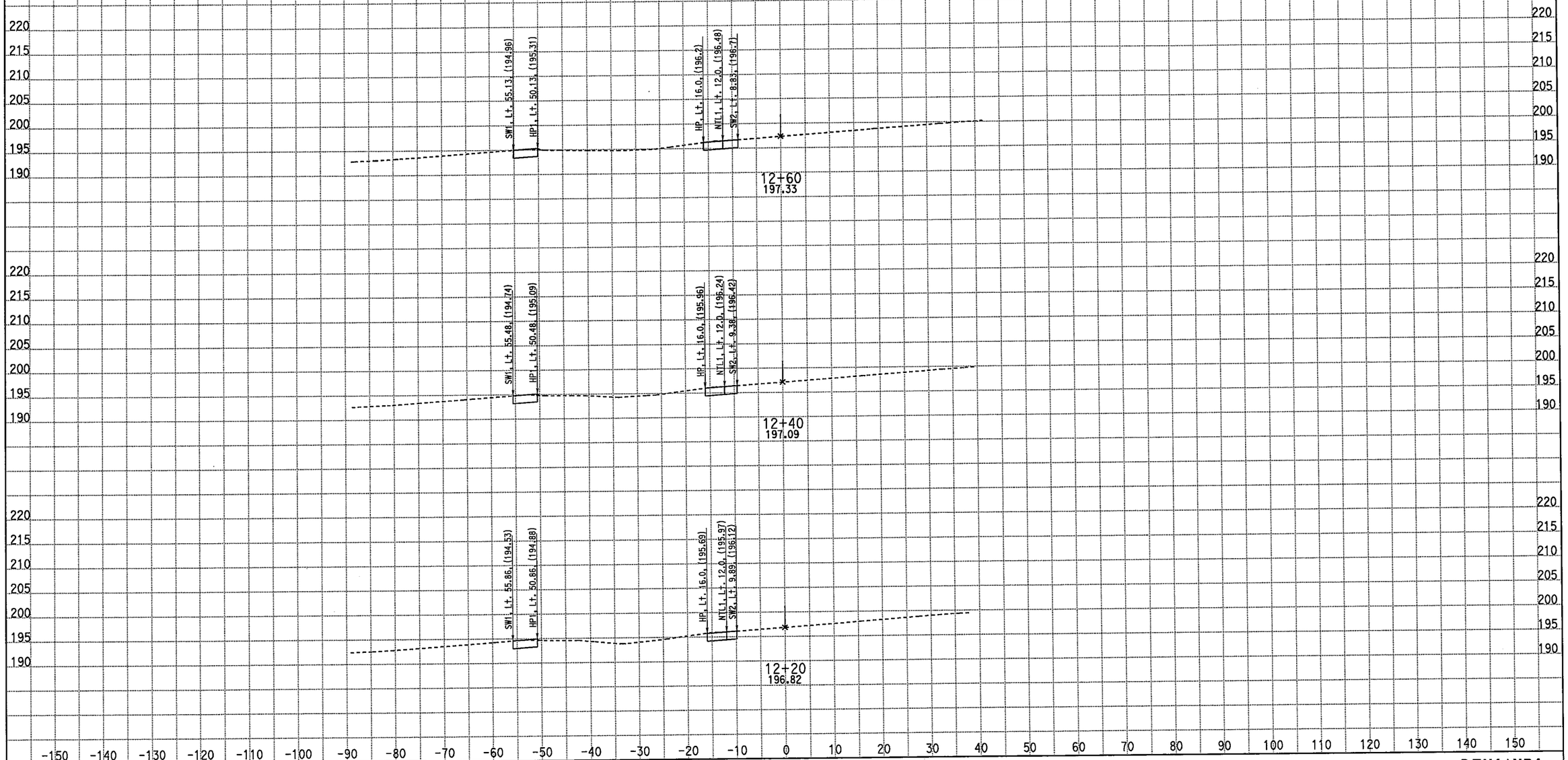
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

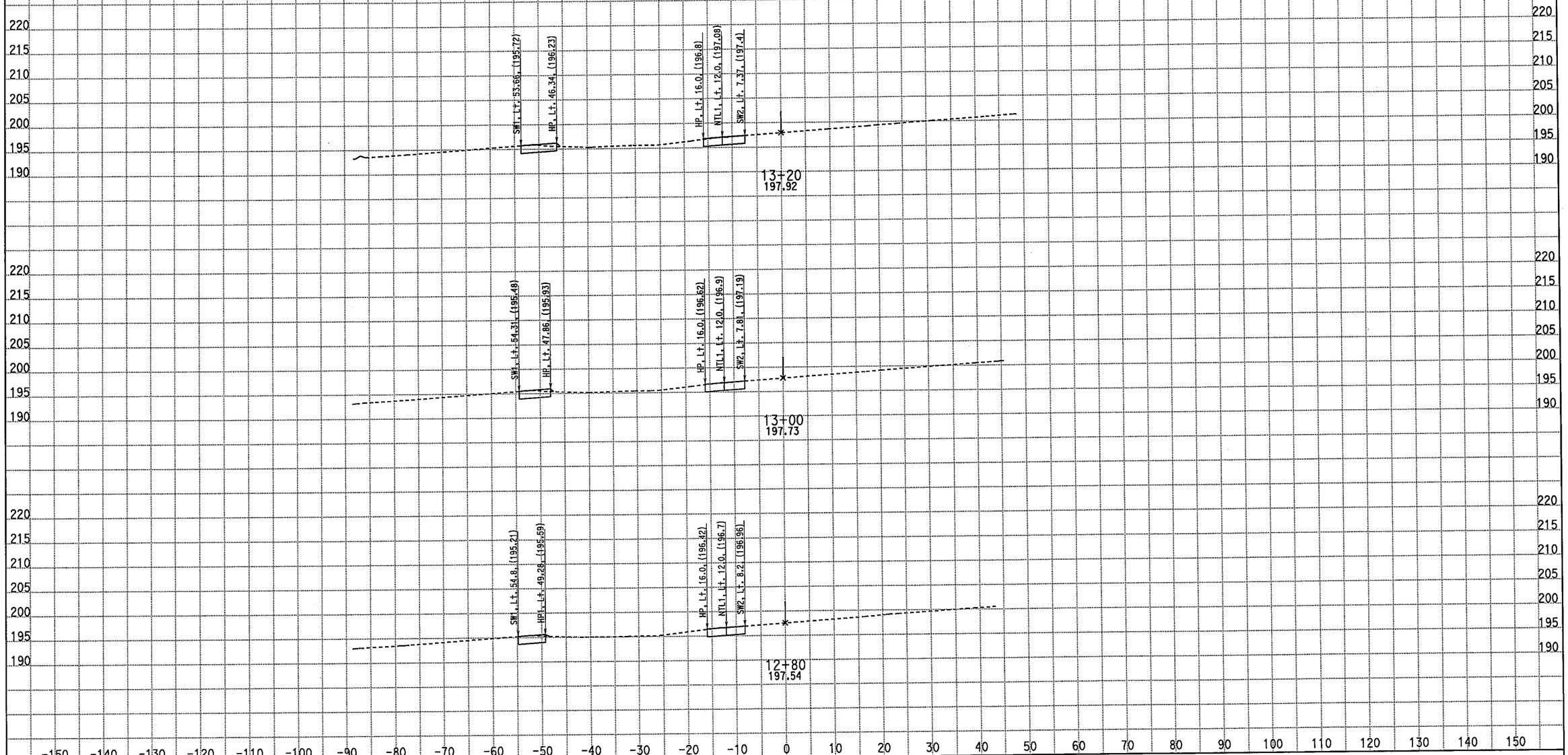
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 2 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

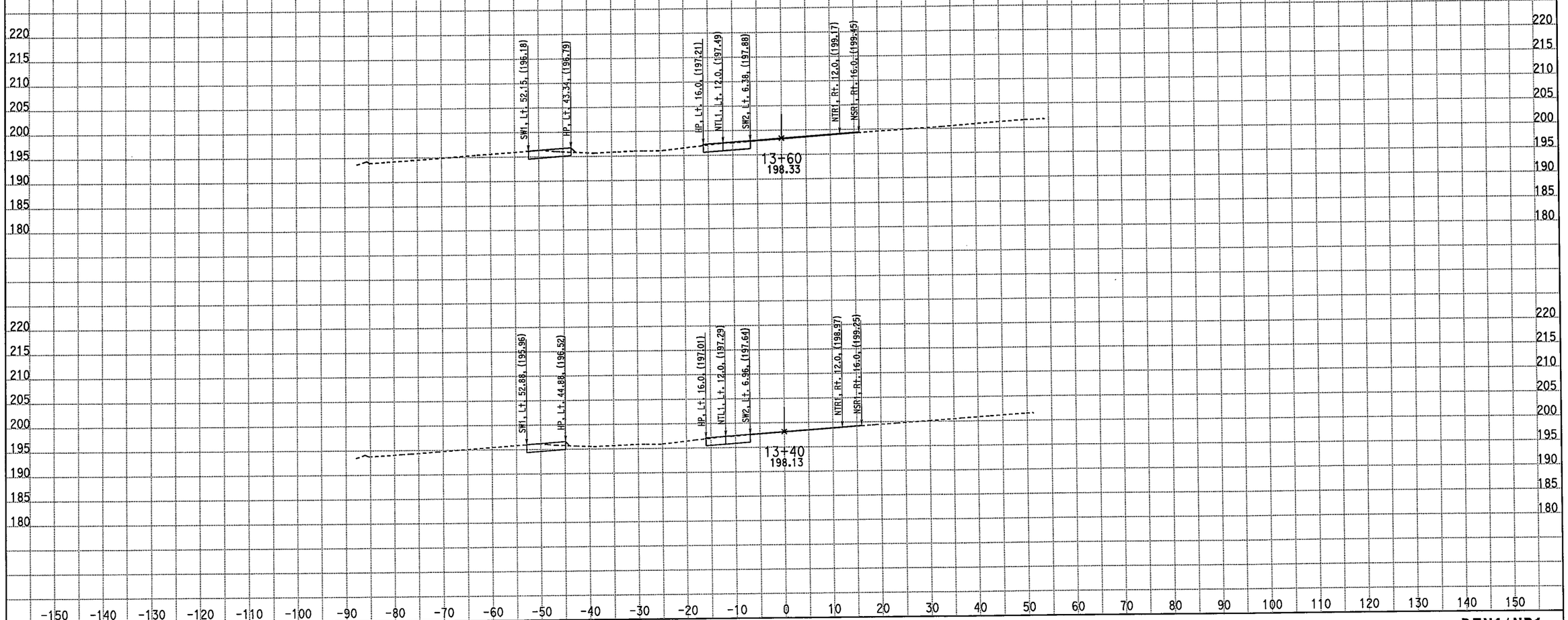
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 3 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

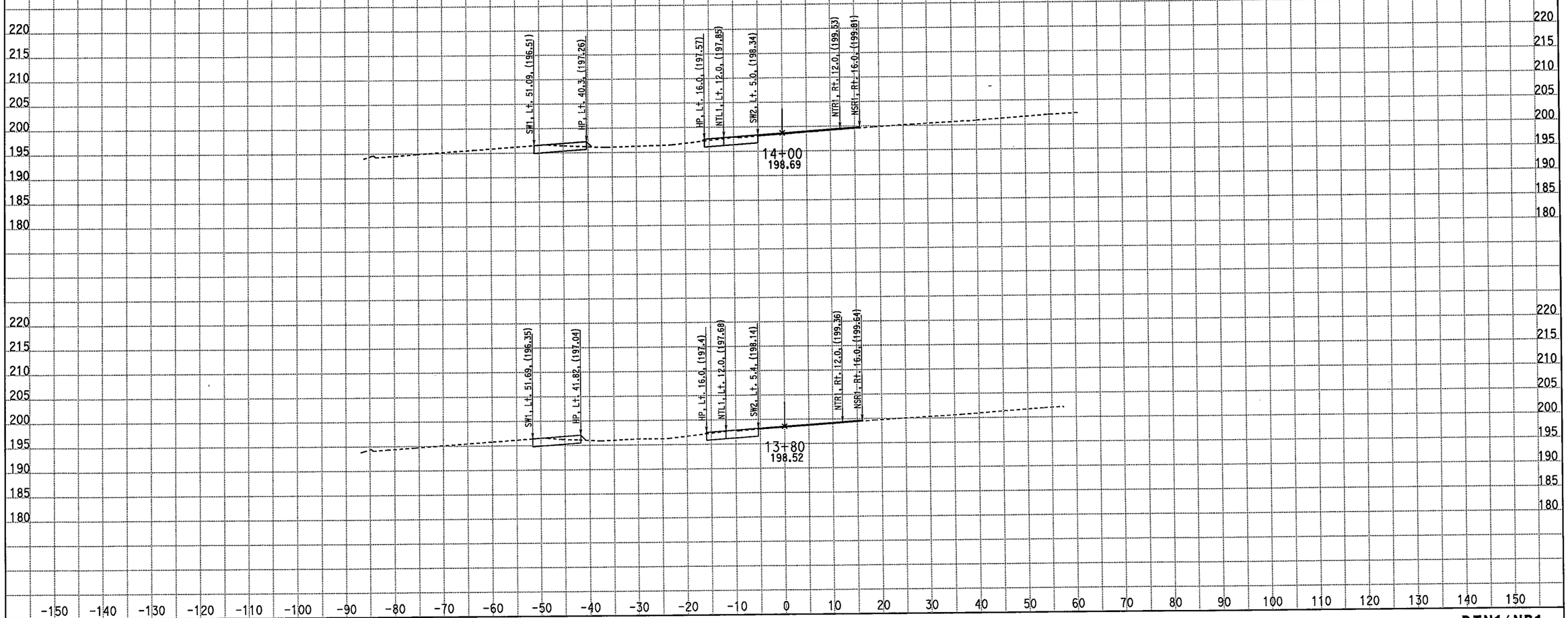
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 4 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

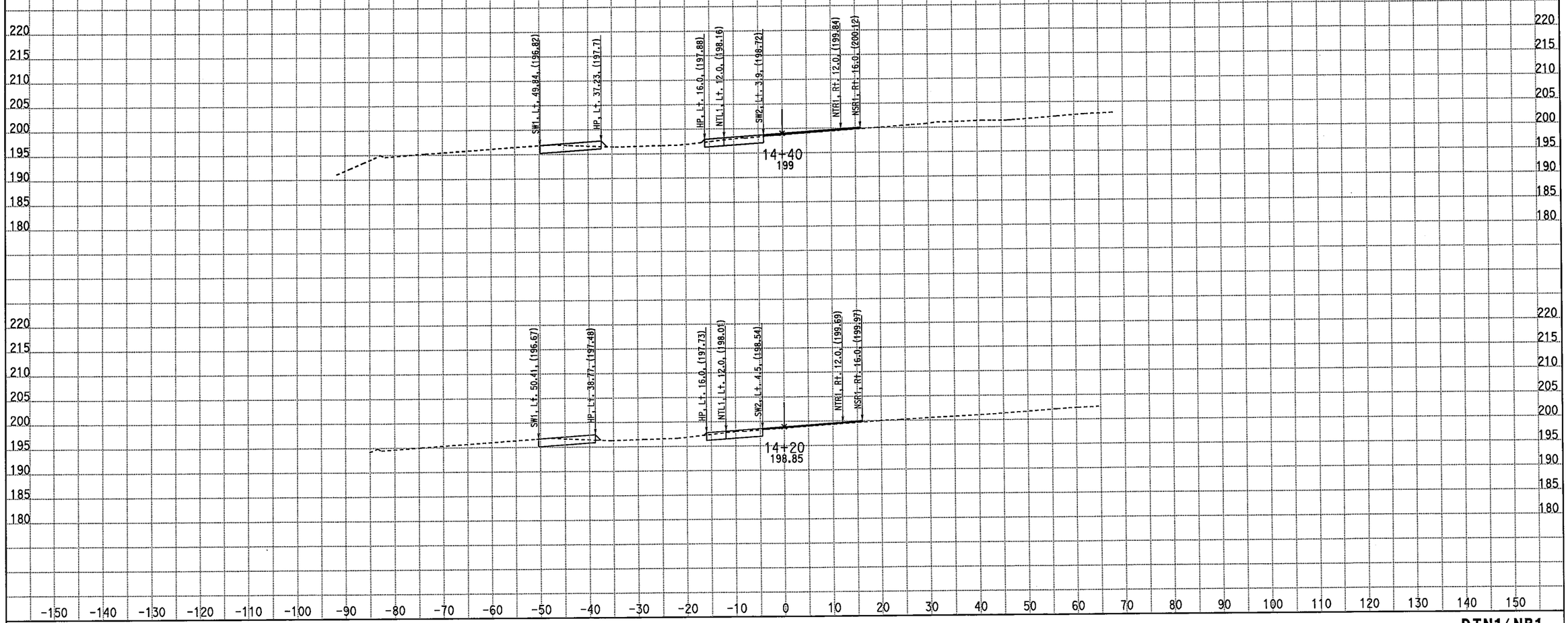
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 5 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

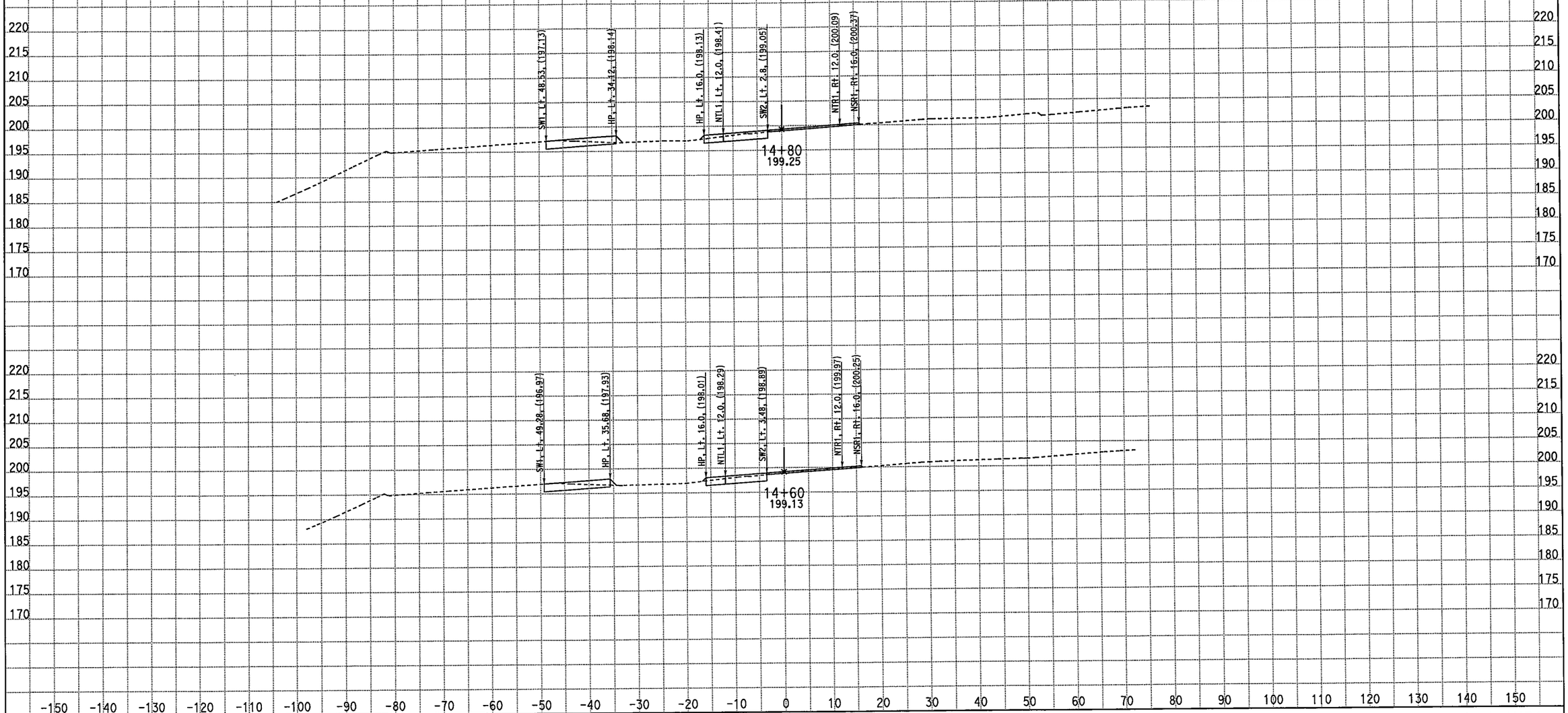
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/ NB1
CROSS SECTIONS
SHEET 6 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

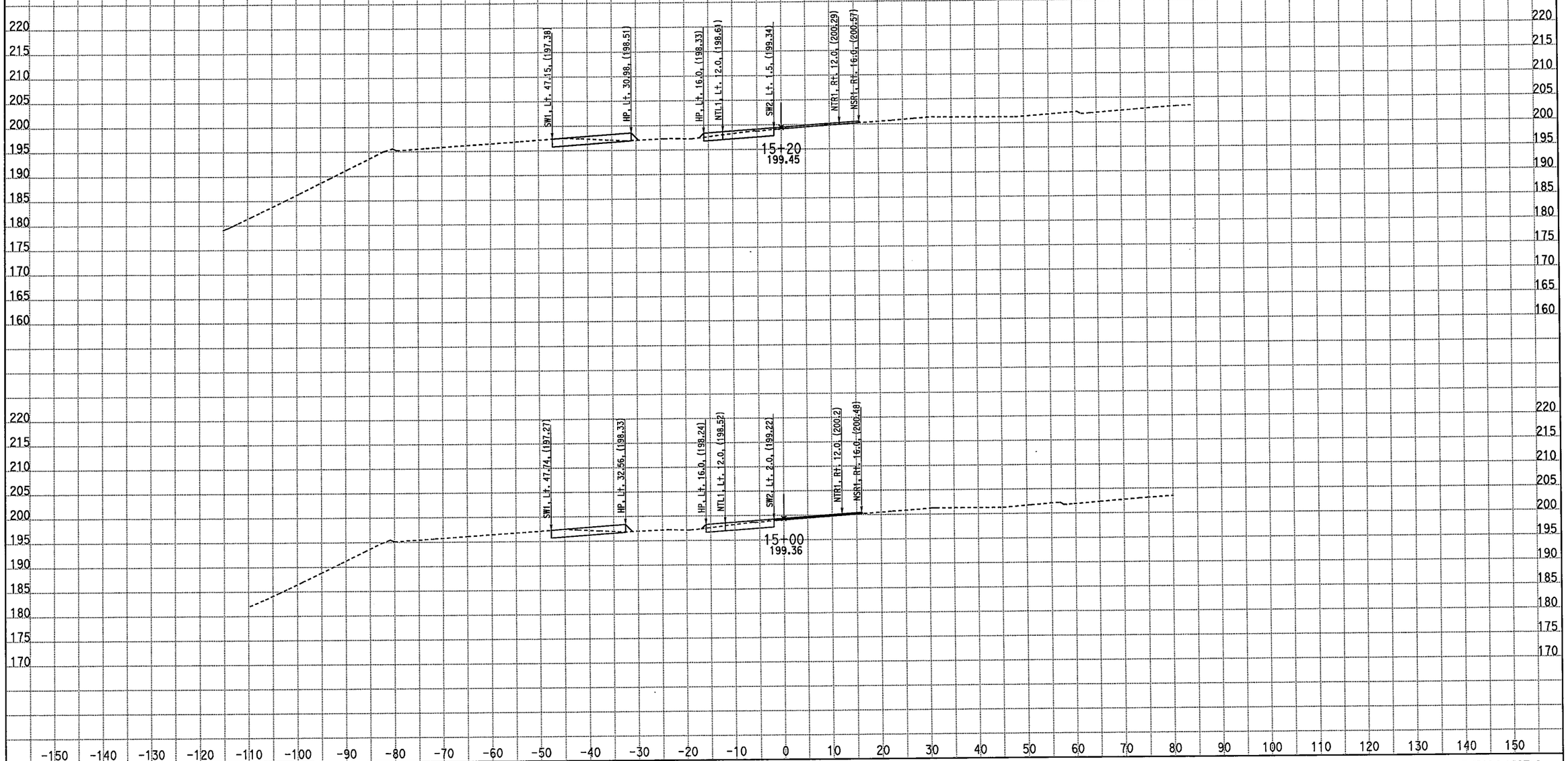
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 7 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

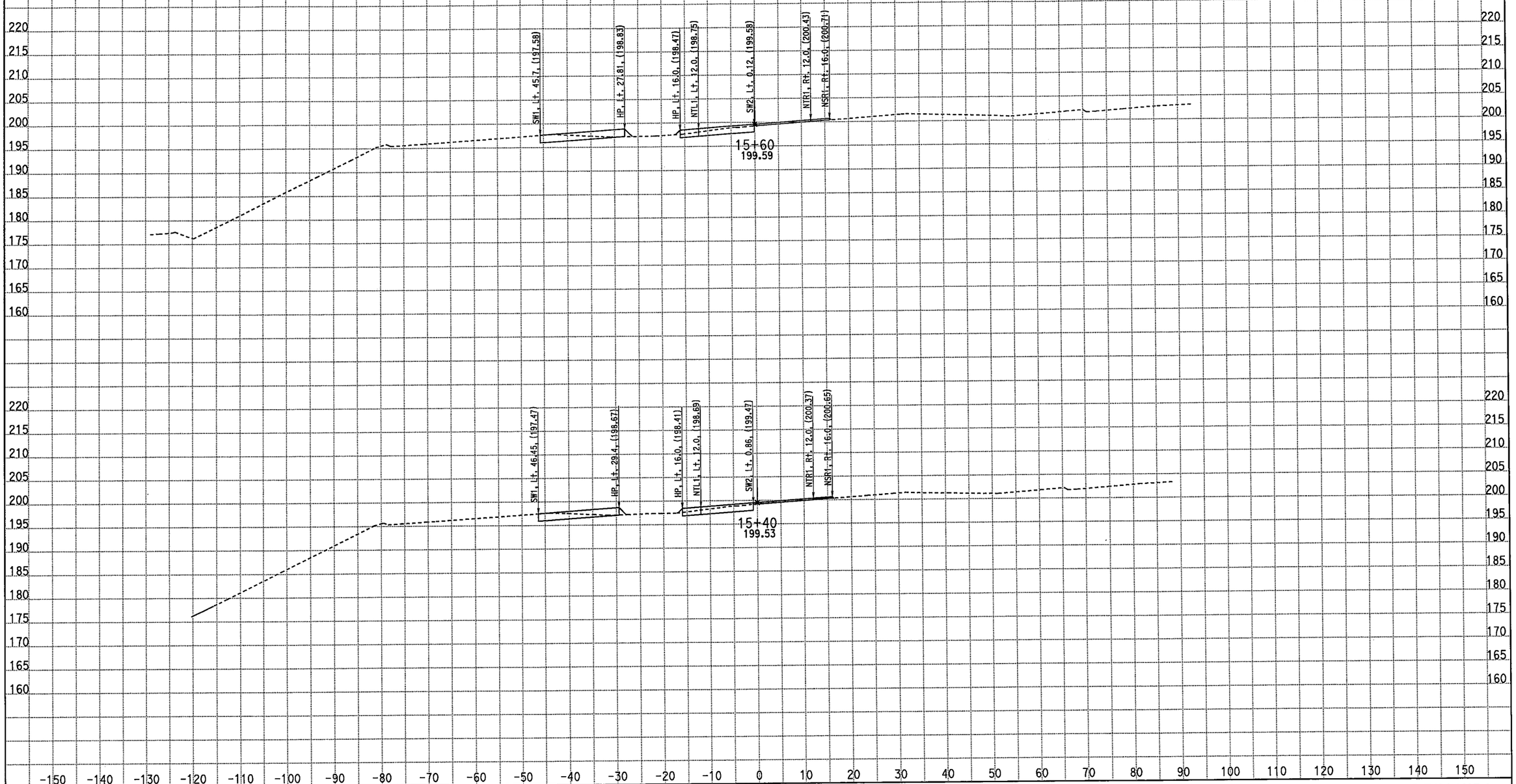
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 8 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

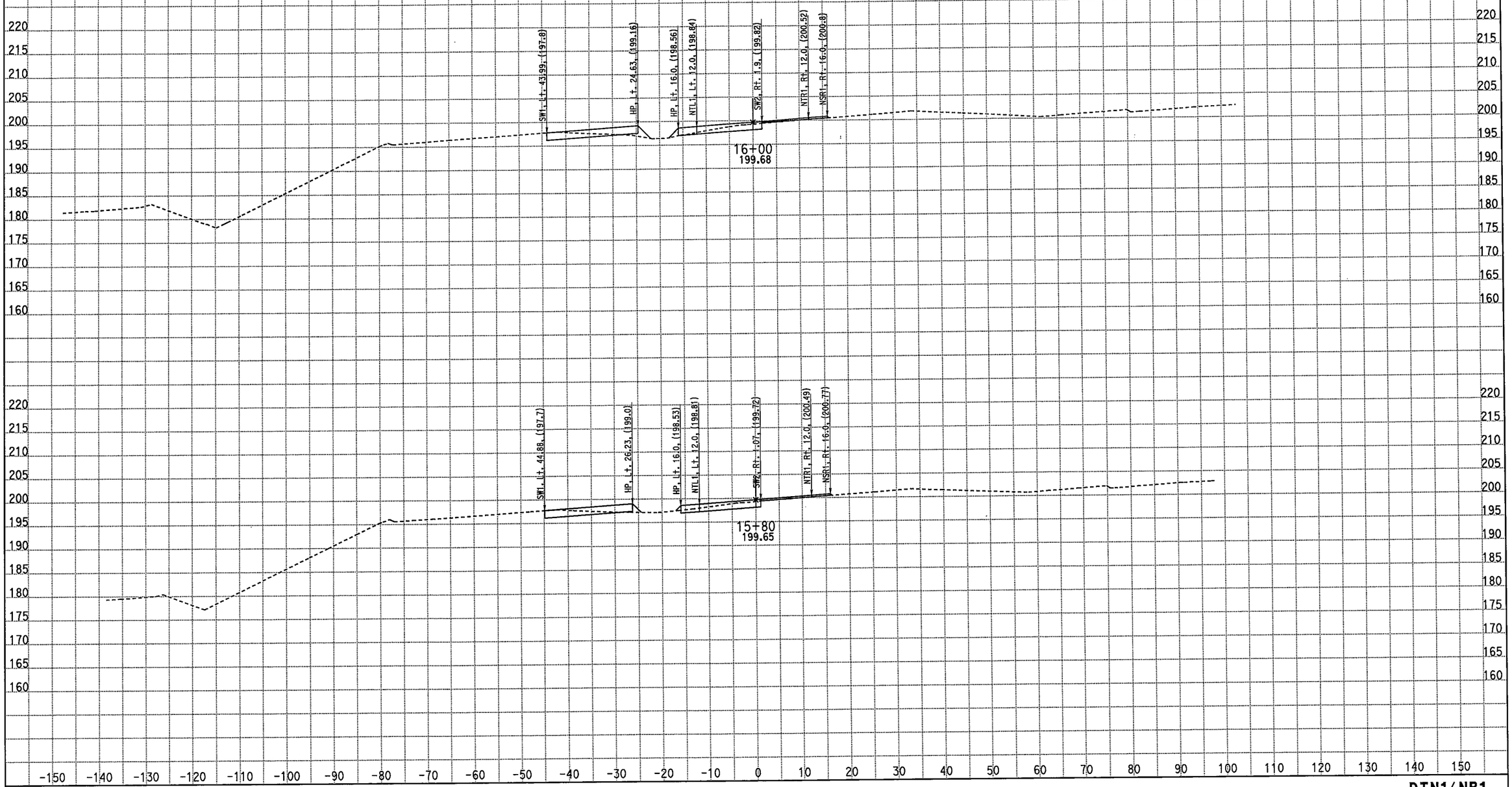
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 9 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

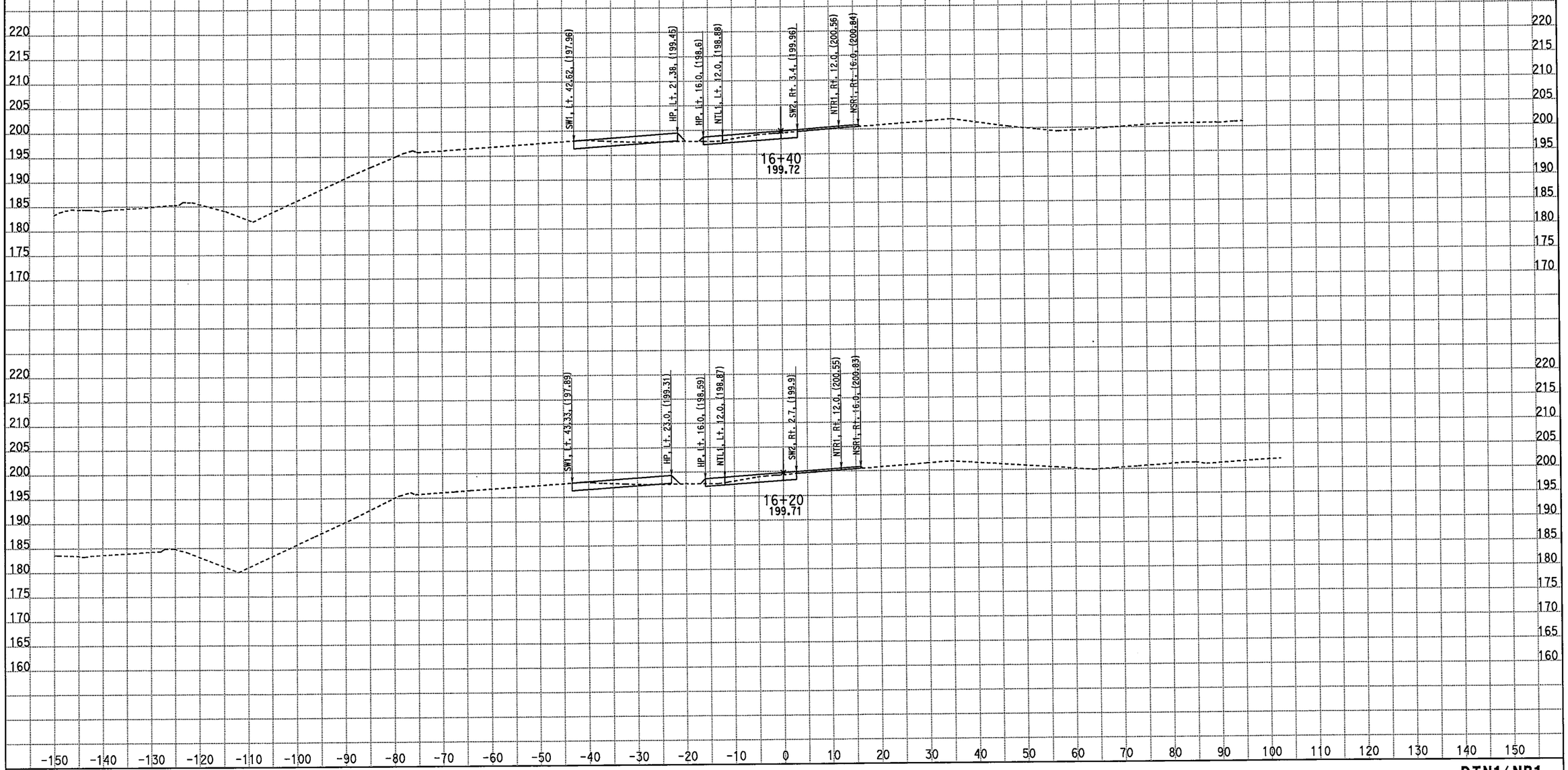
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 10 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

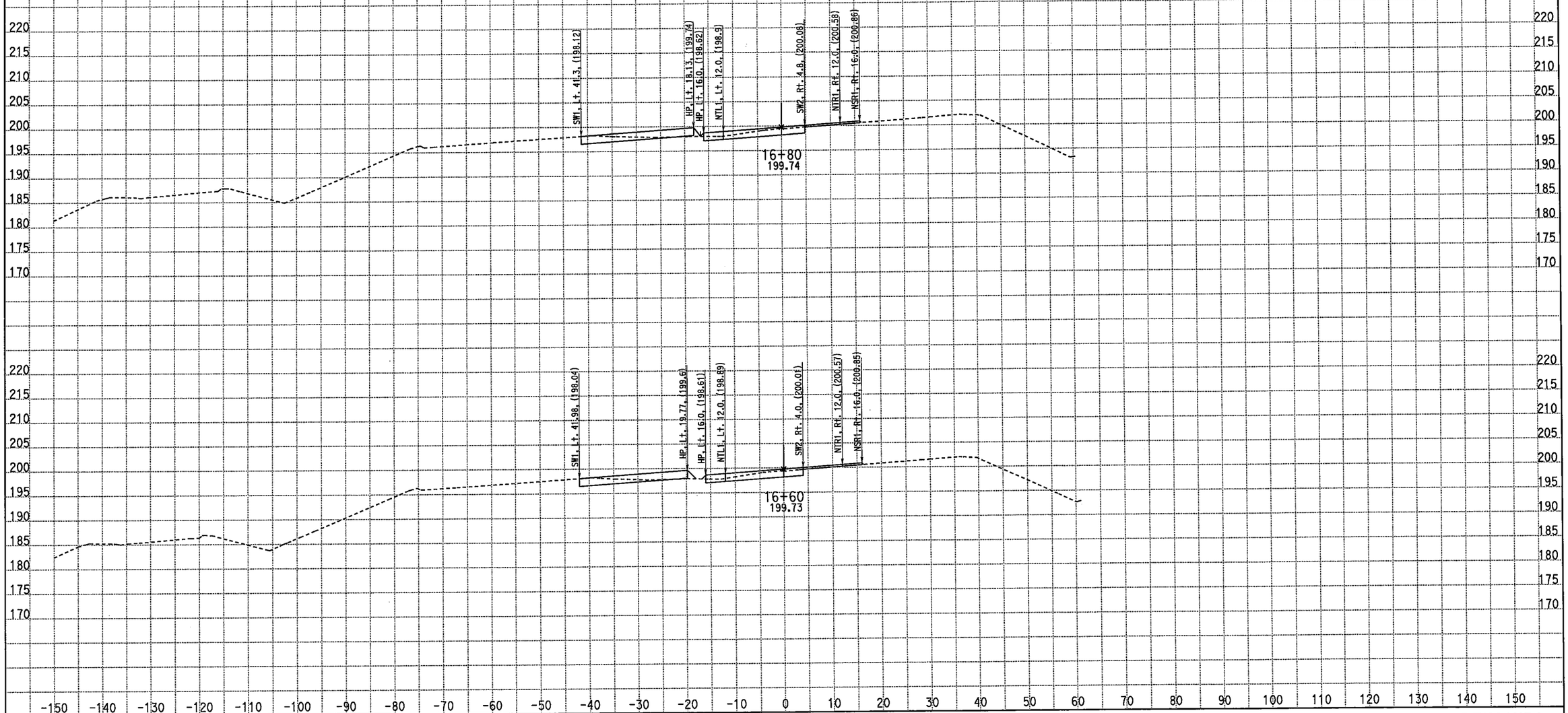
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 11 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

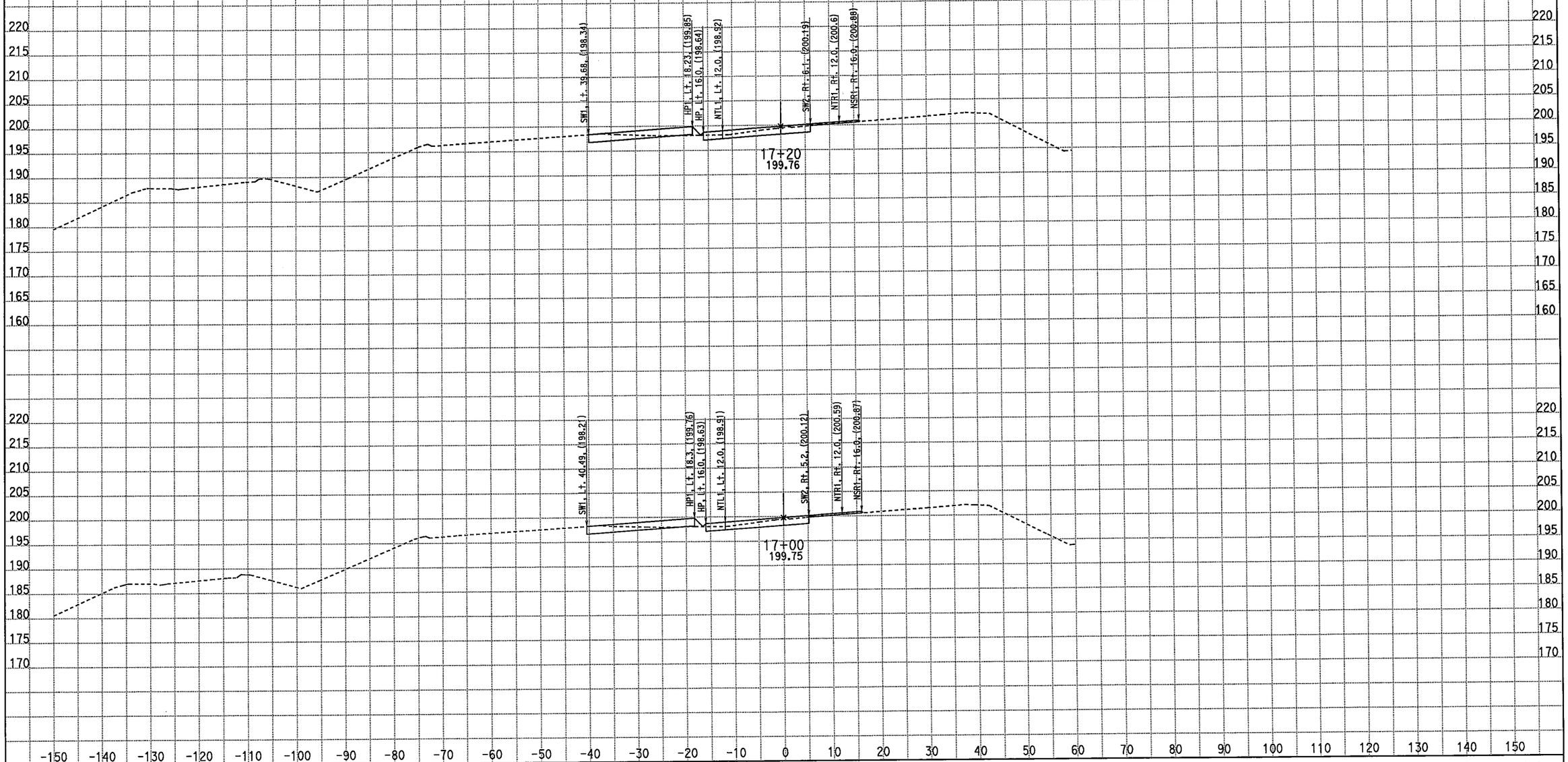
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 12 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

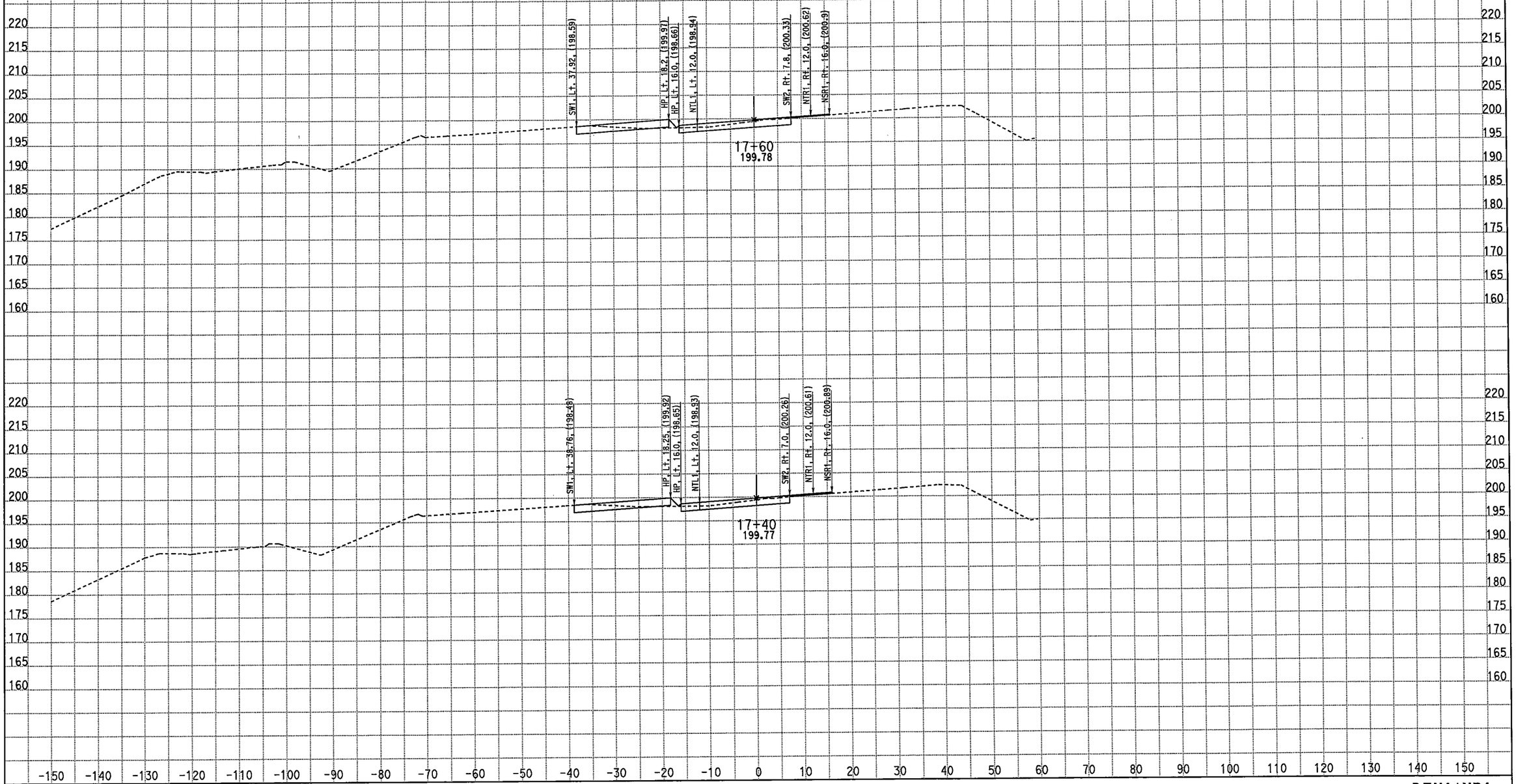
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 13 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

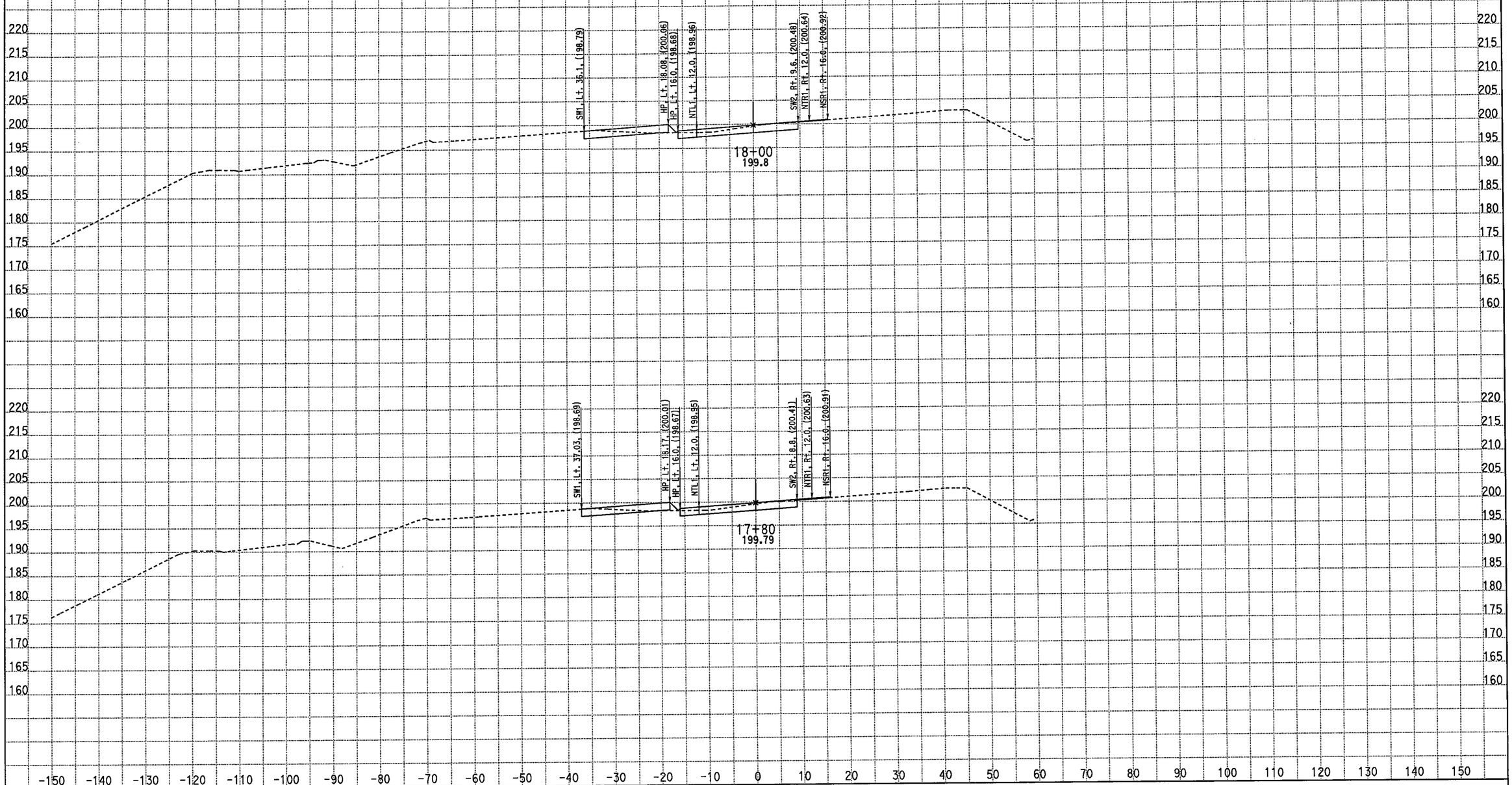
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

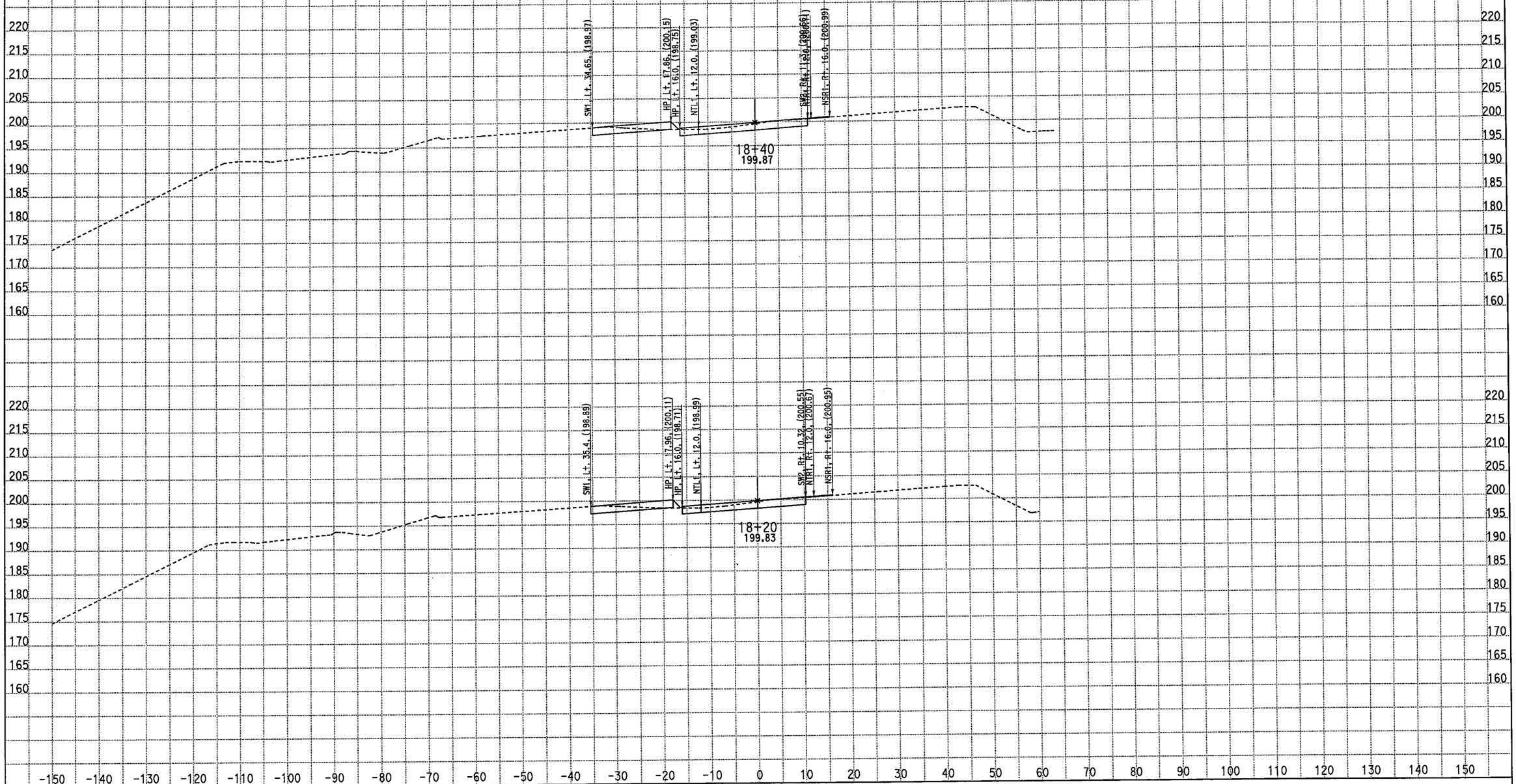
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 15 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

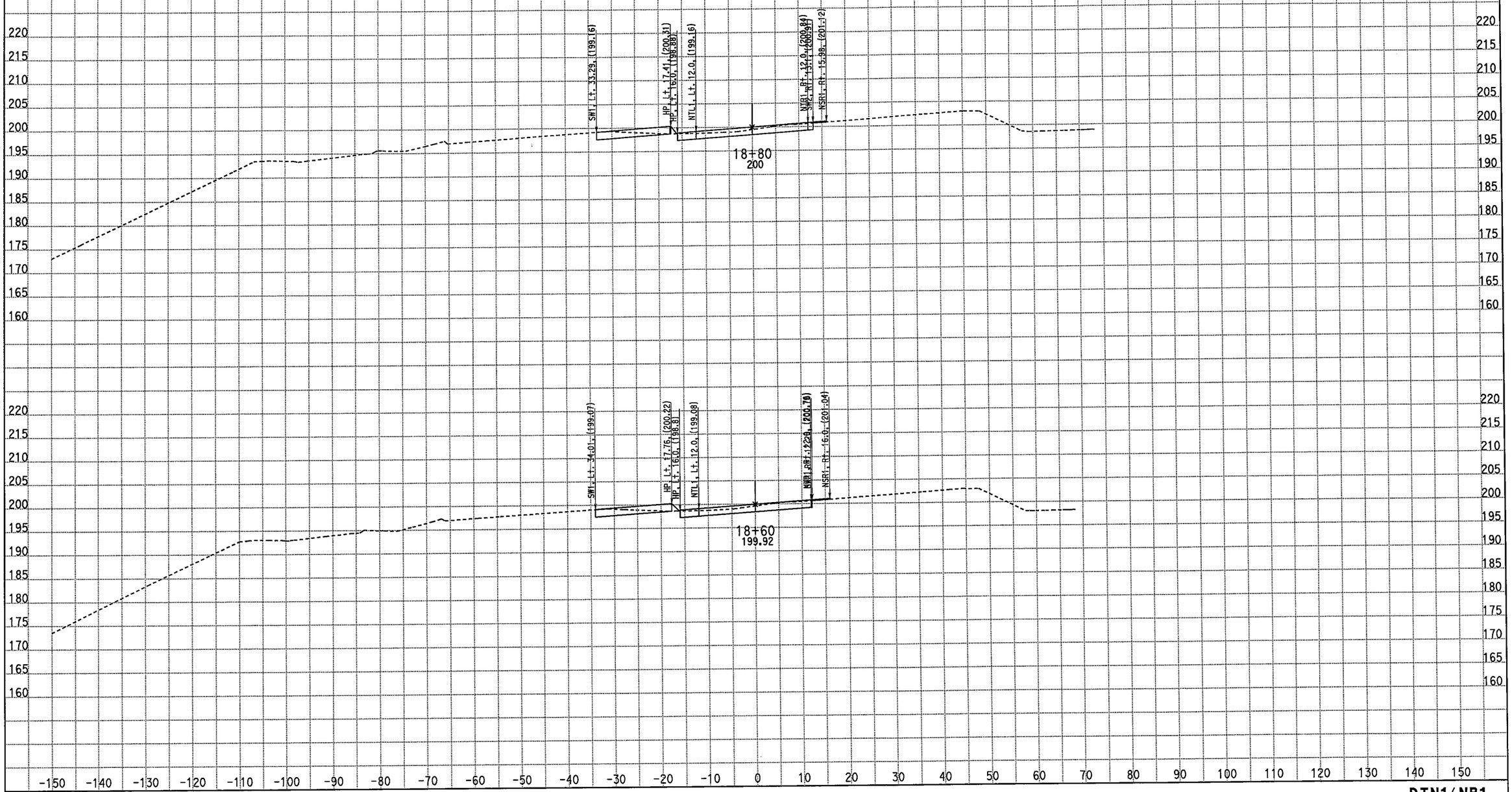
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 16 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

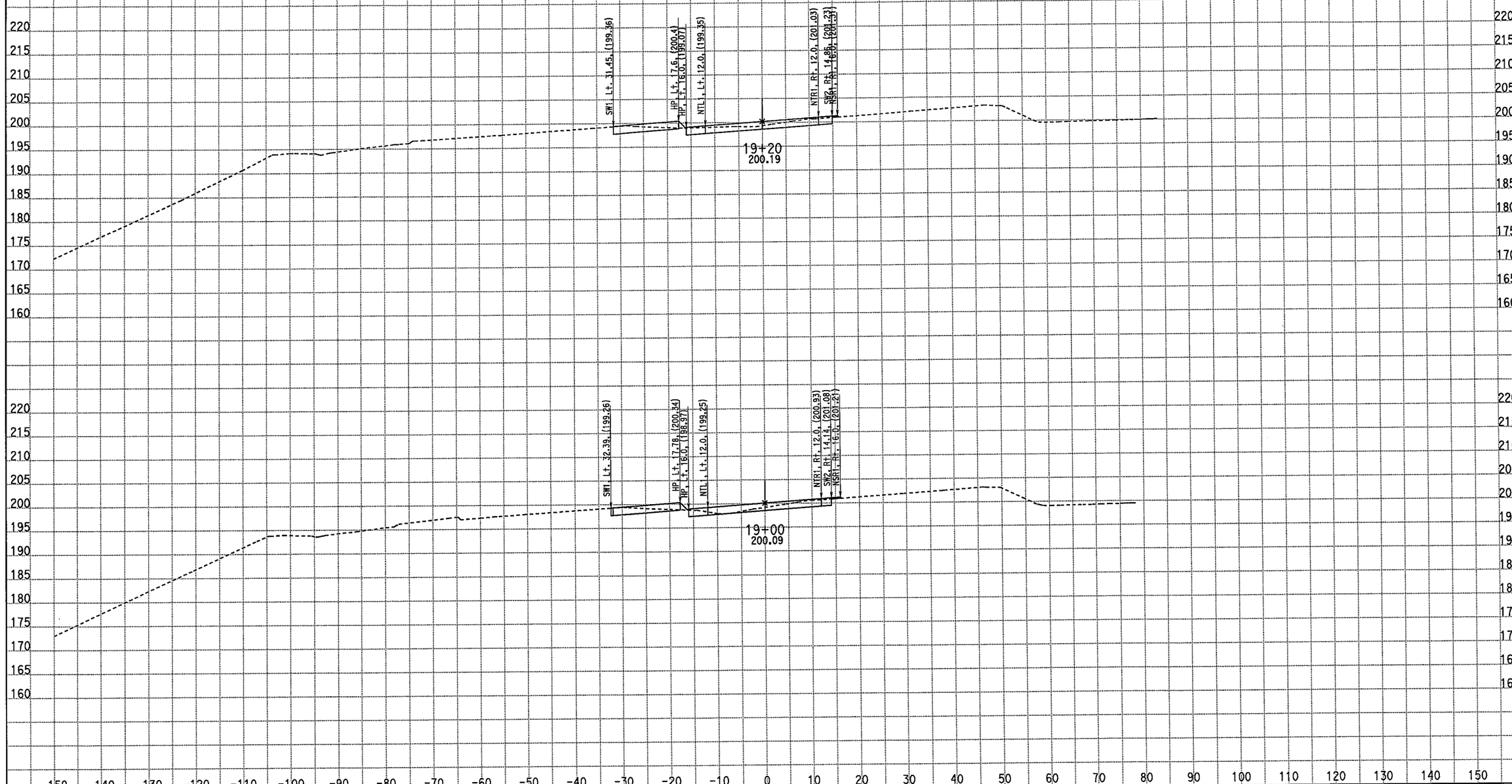
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



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DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

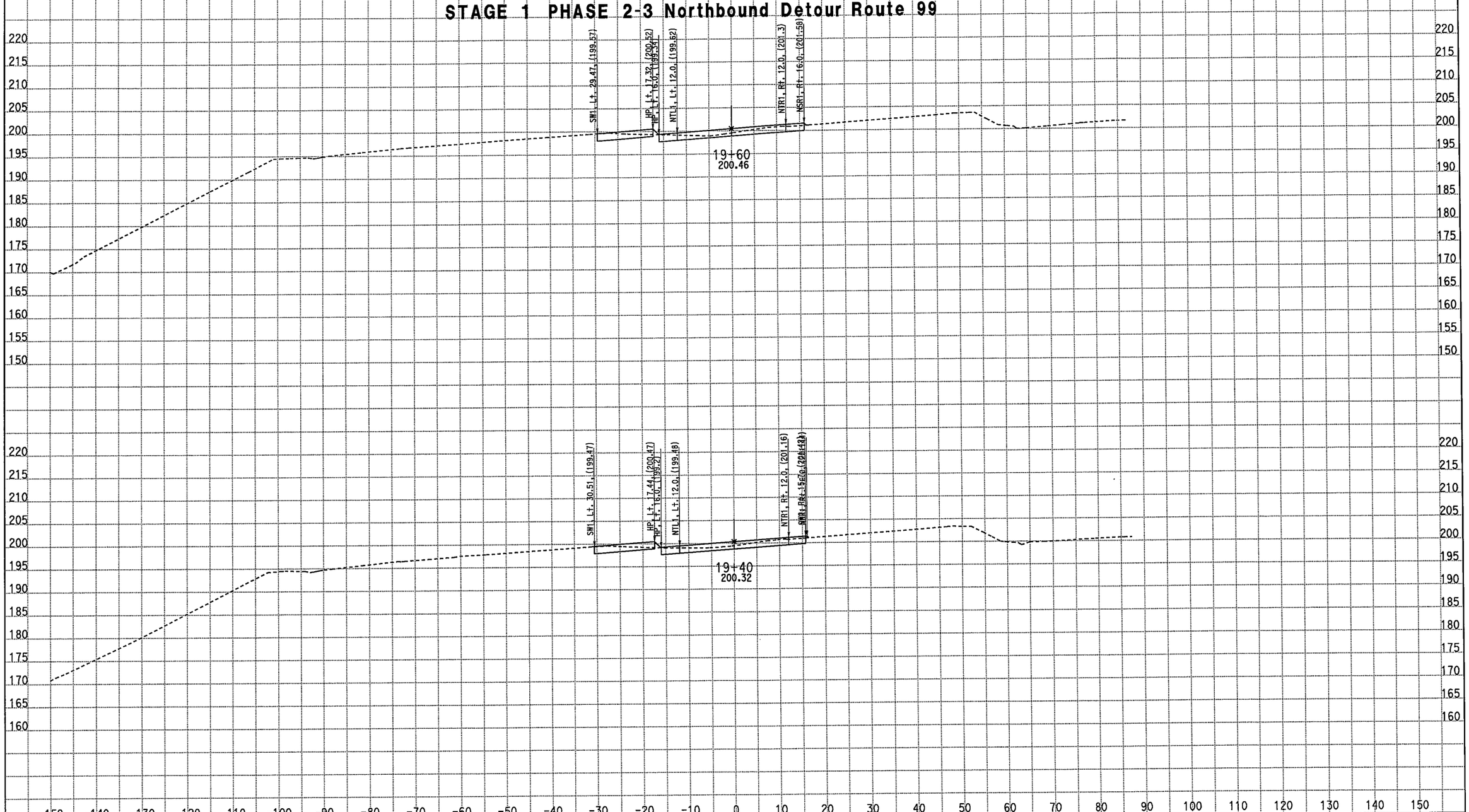
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 18 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

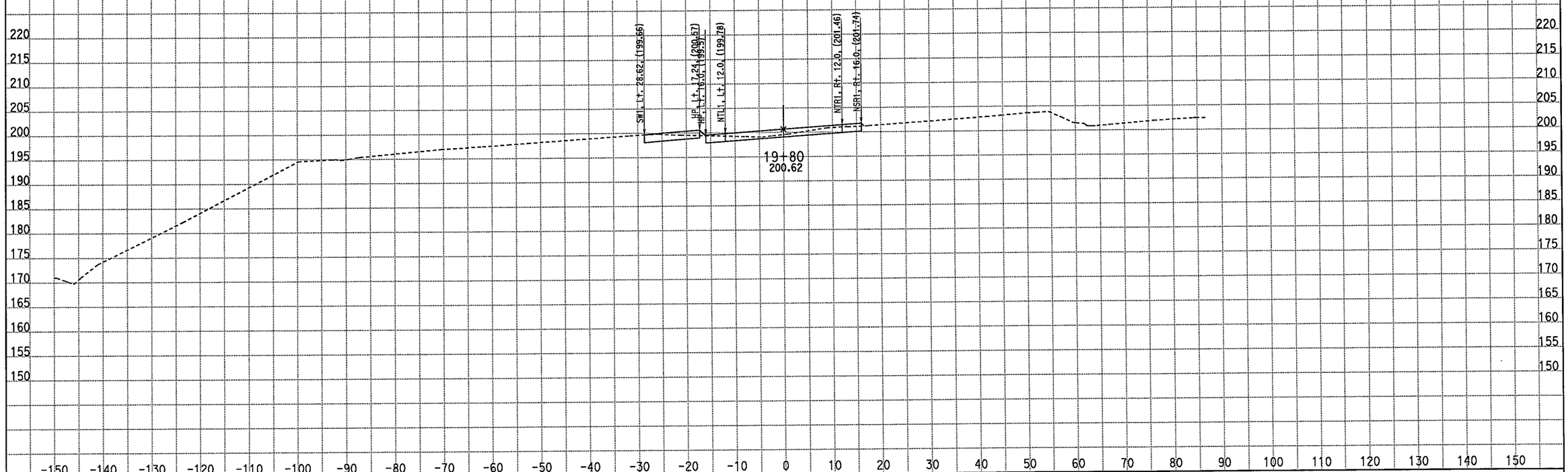
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 19 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

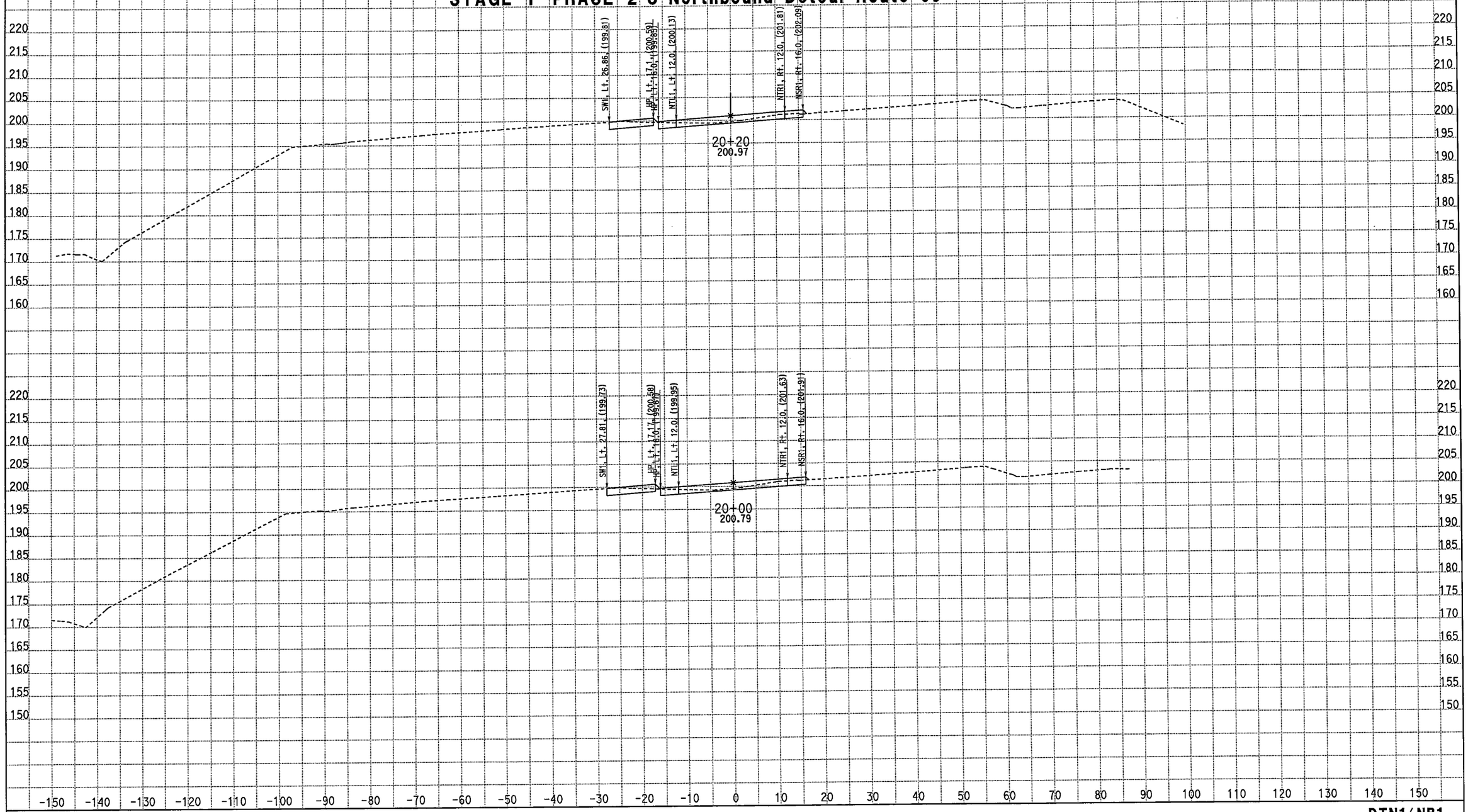
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 20 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

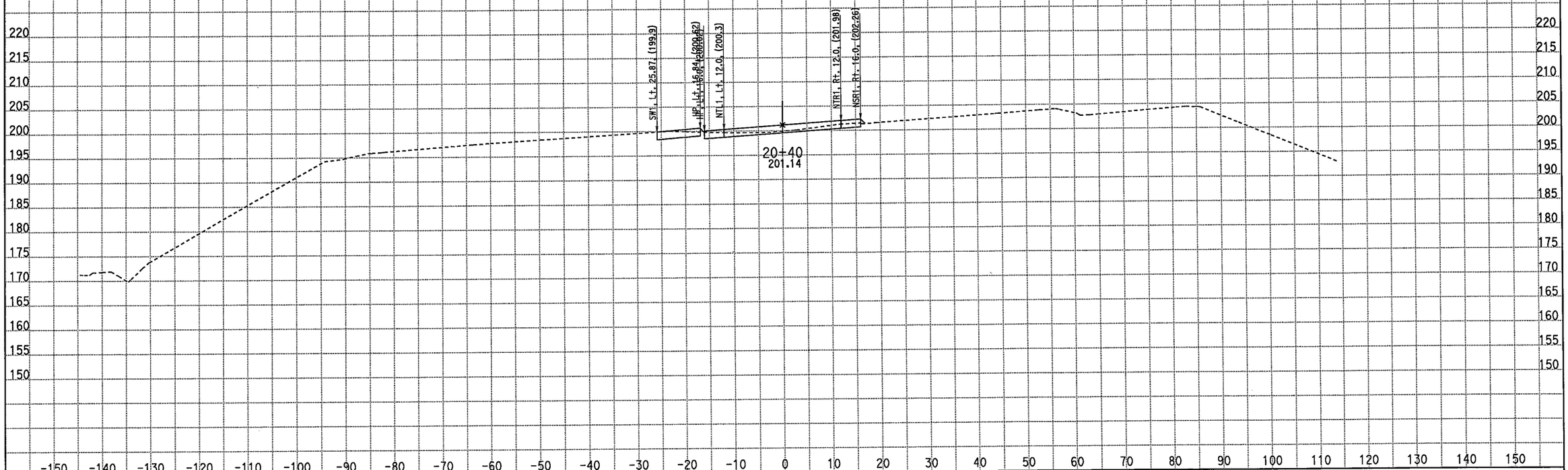
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

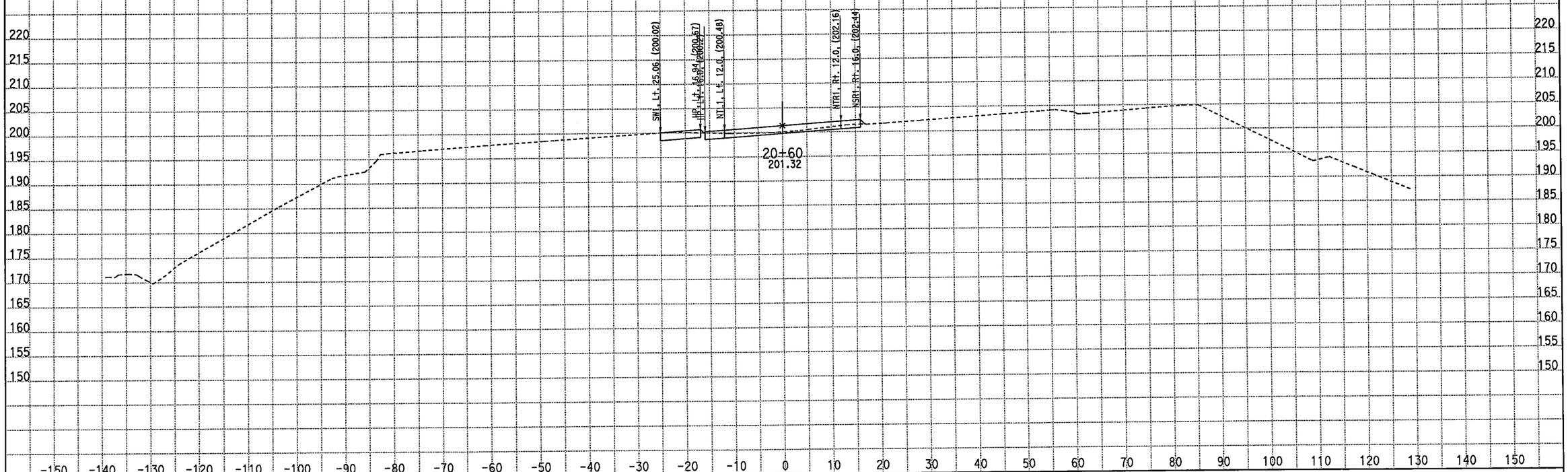
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 22 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

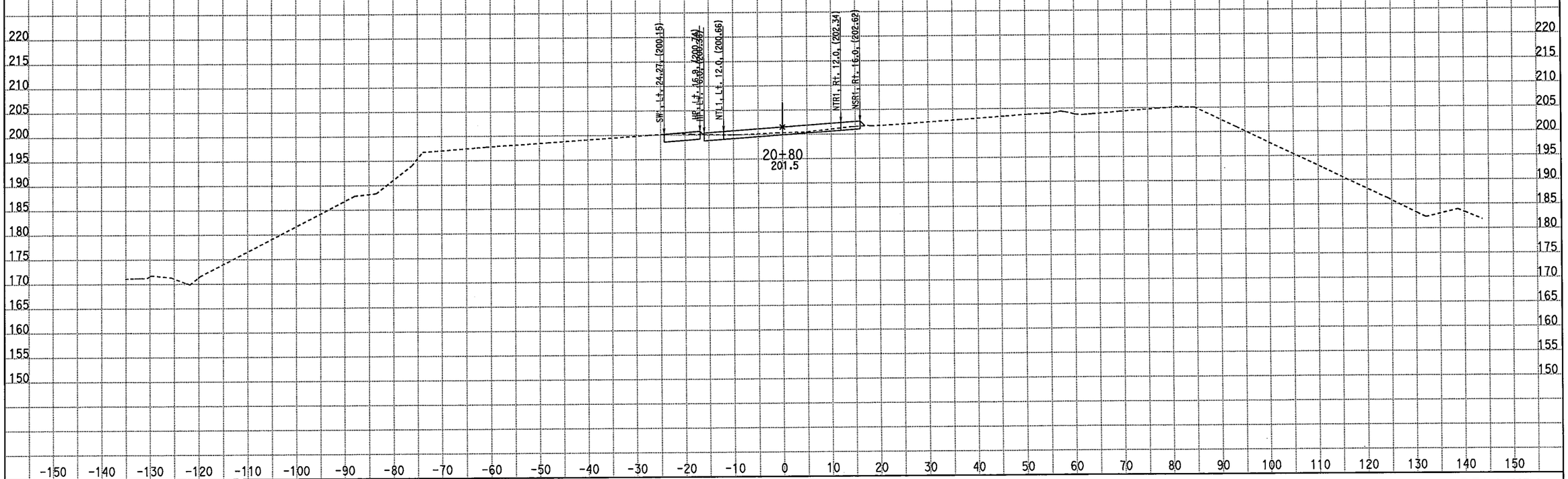
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 23 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

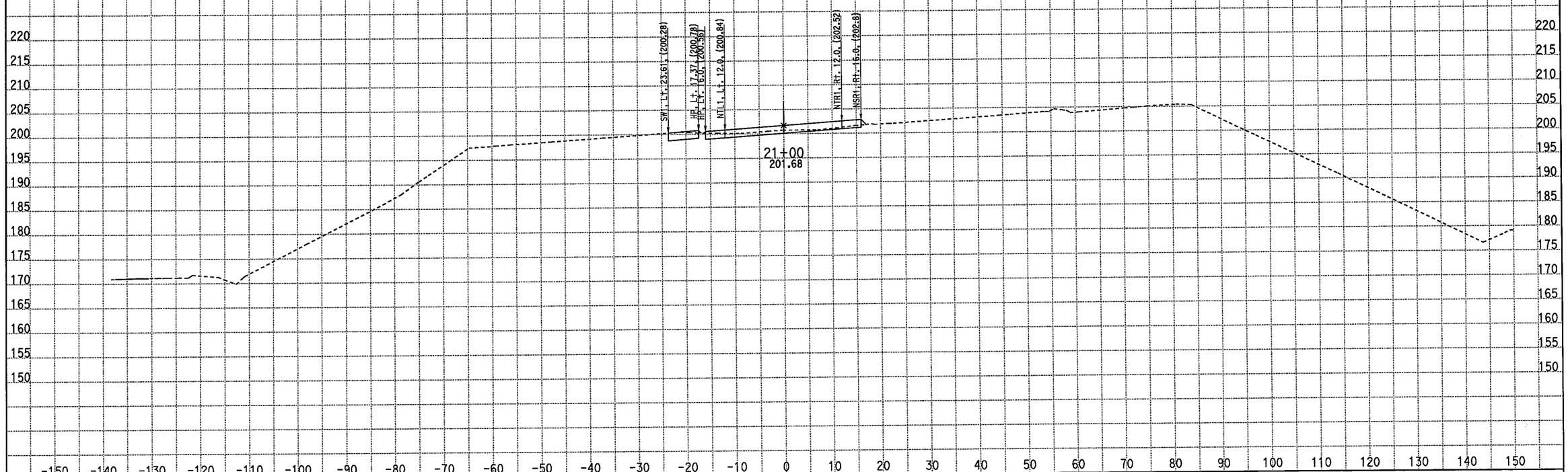
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 24 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EM0H

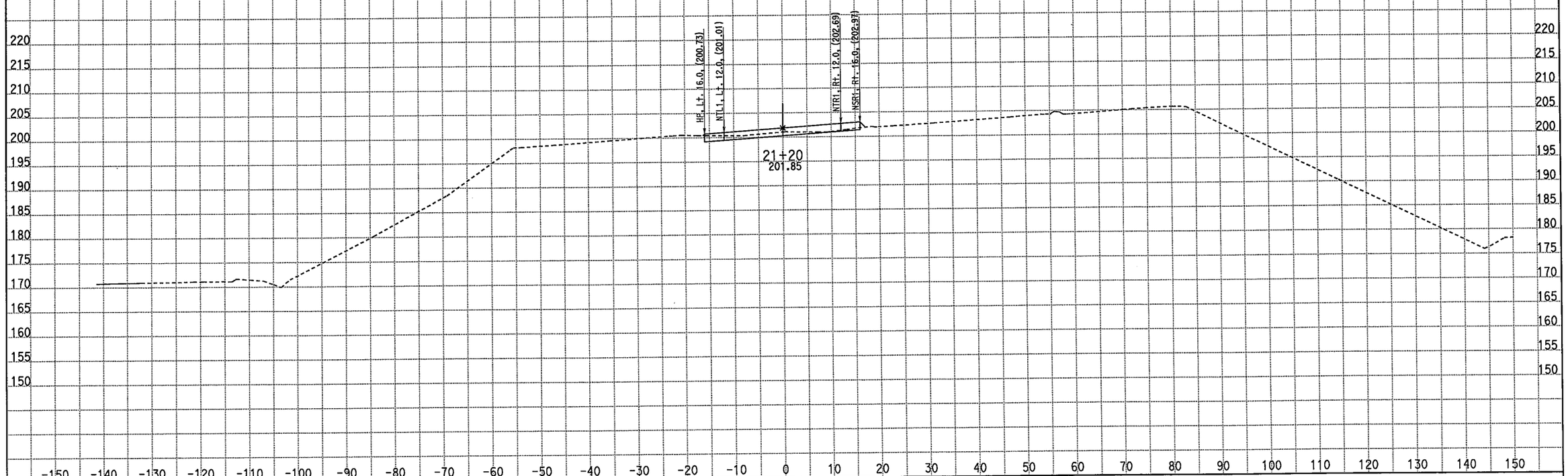
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 25 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

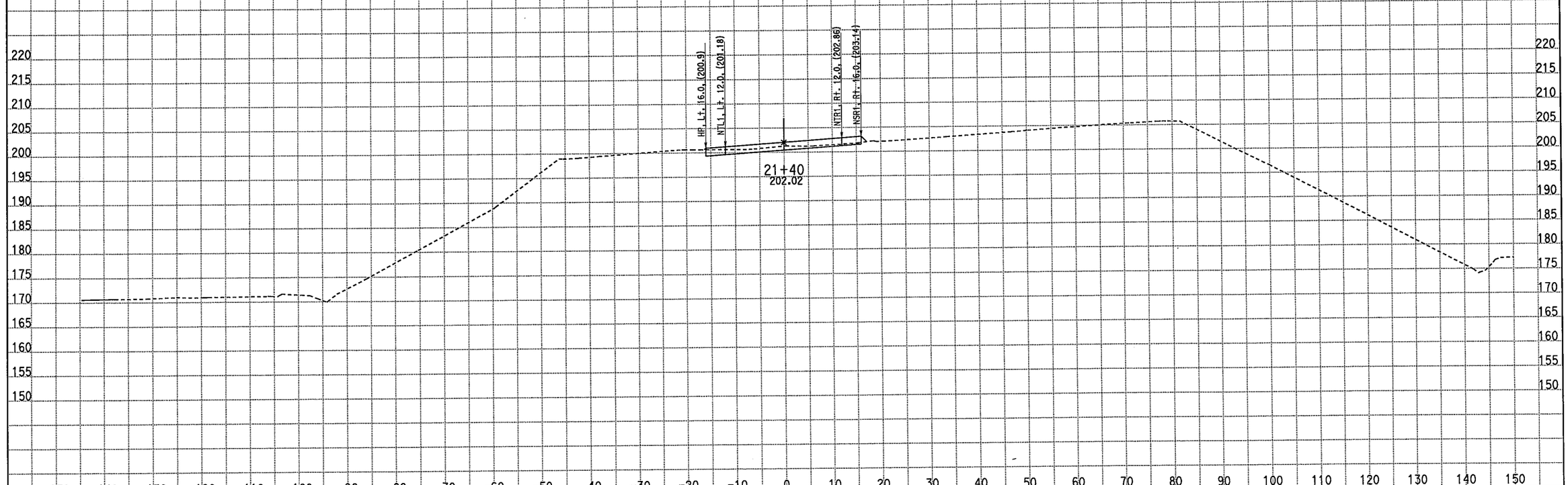
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 26 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

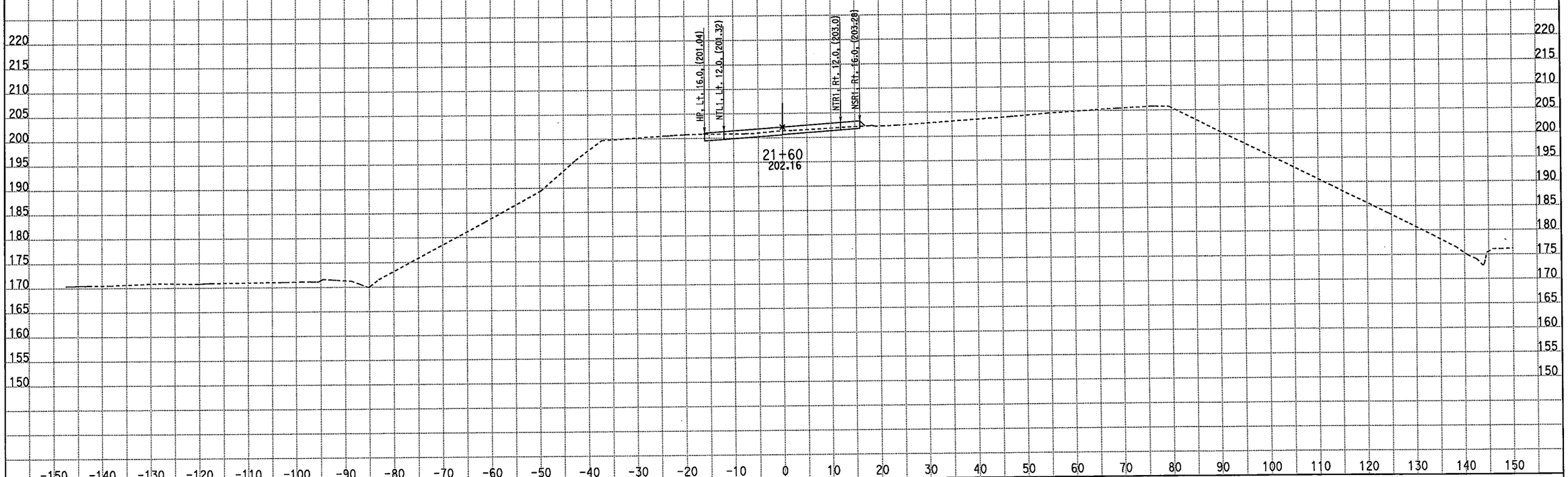
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 27 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

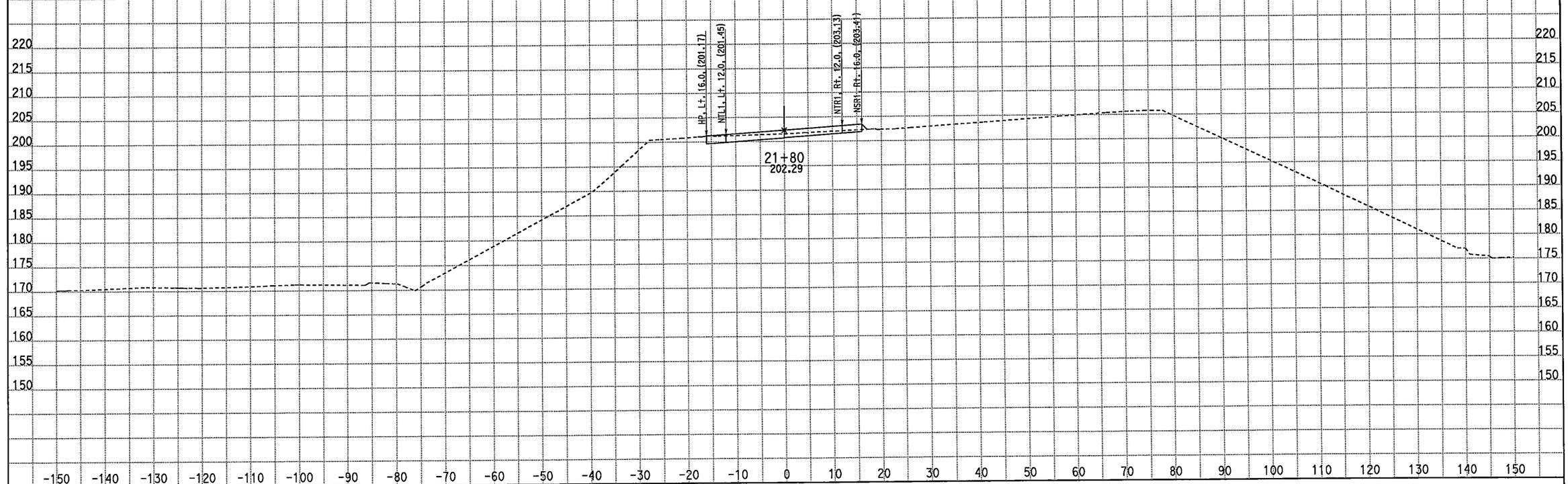
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 28 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

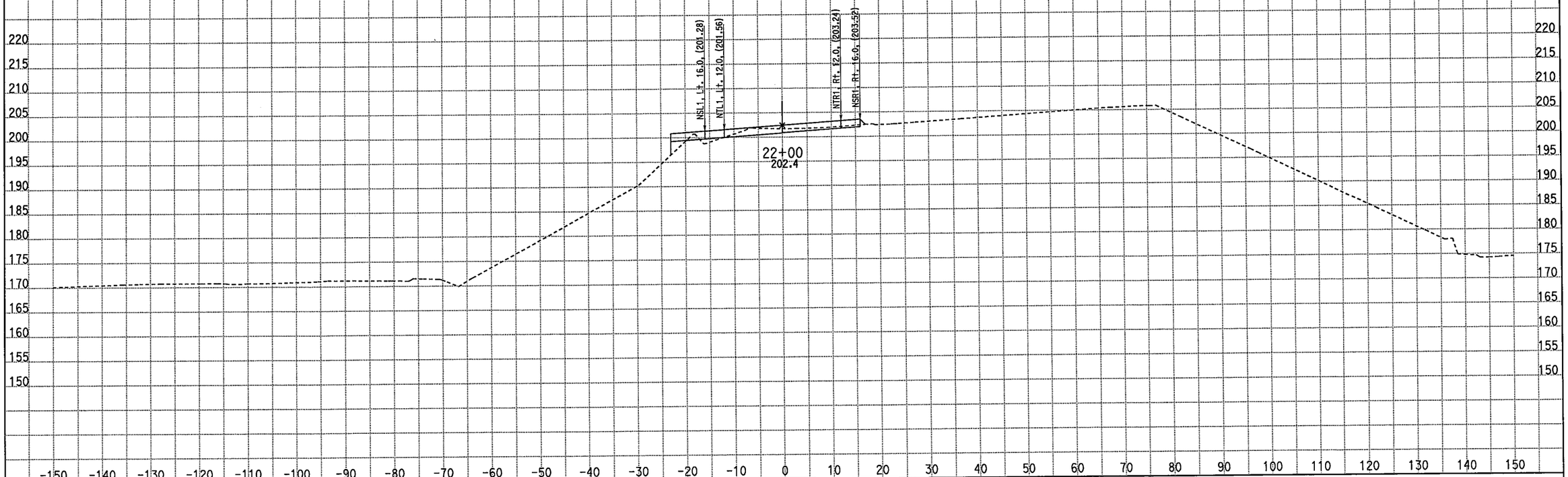
All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

SHEET 29 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

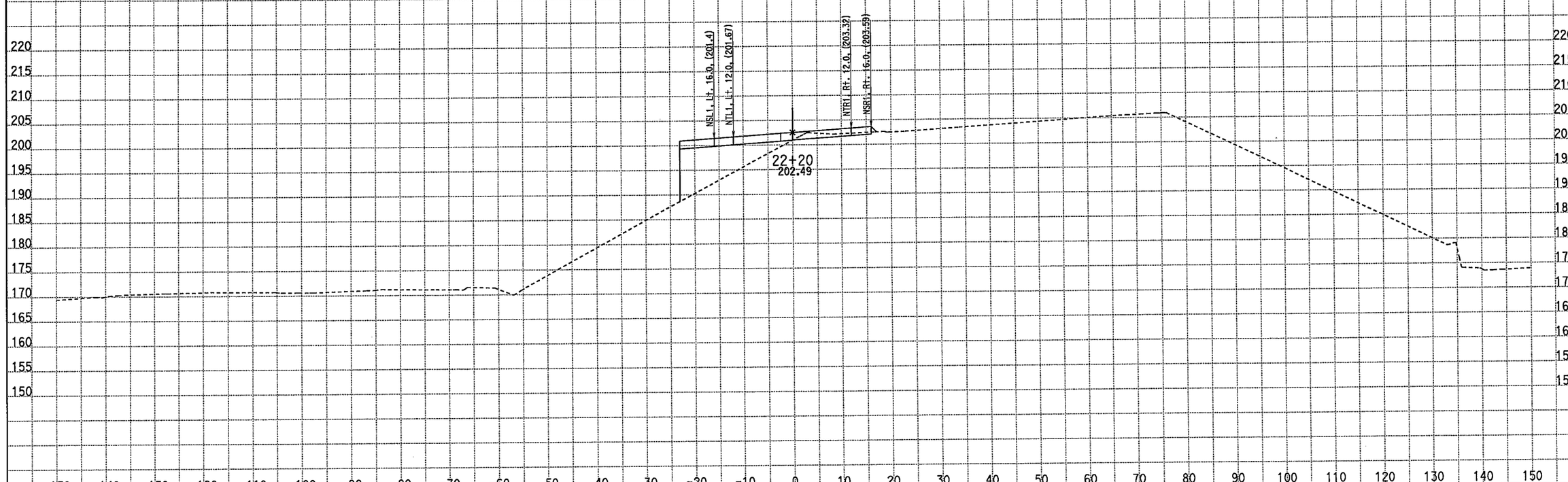
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 30 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

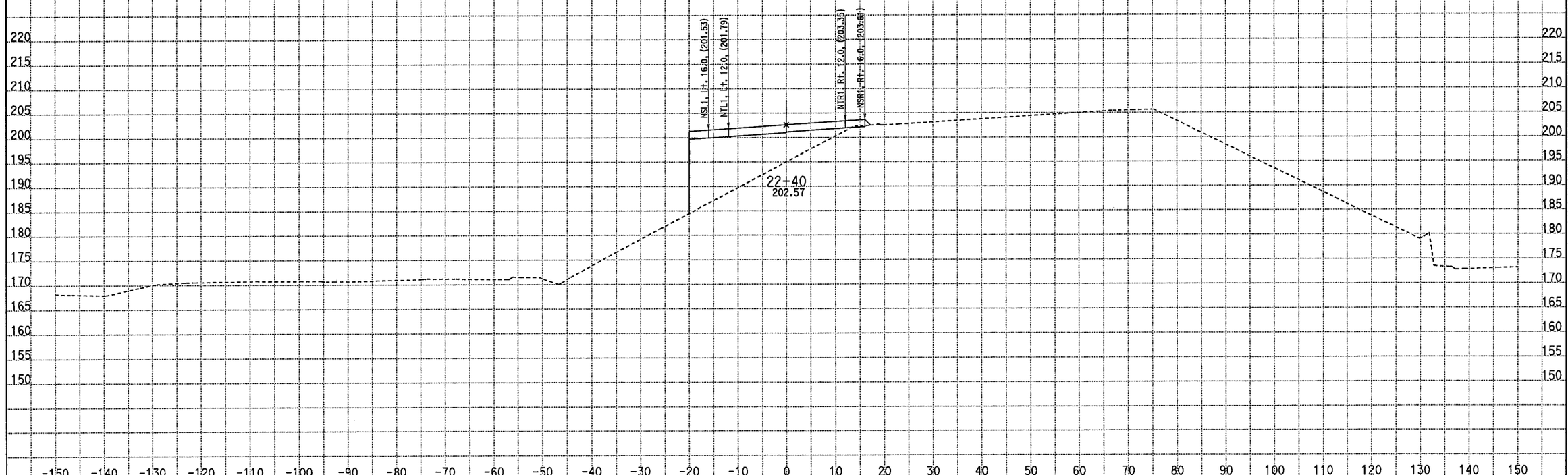
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 31 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

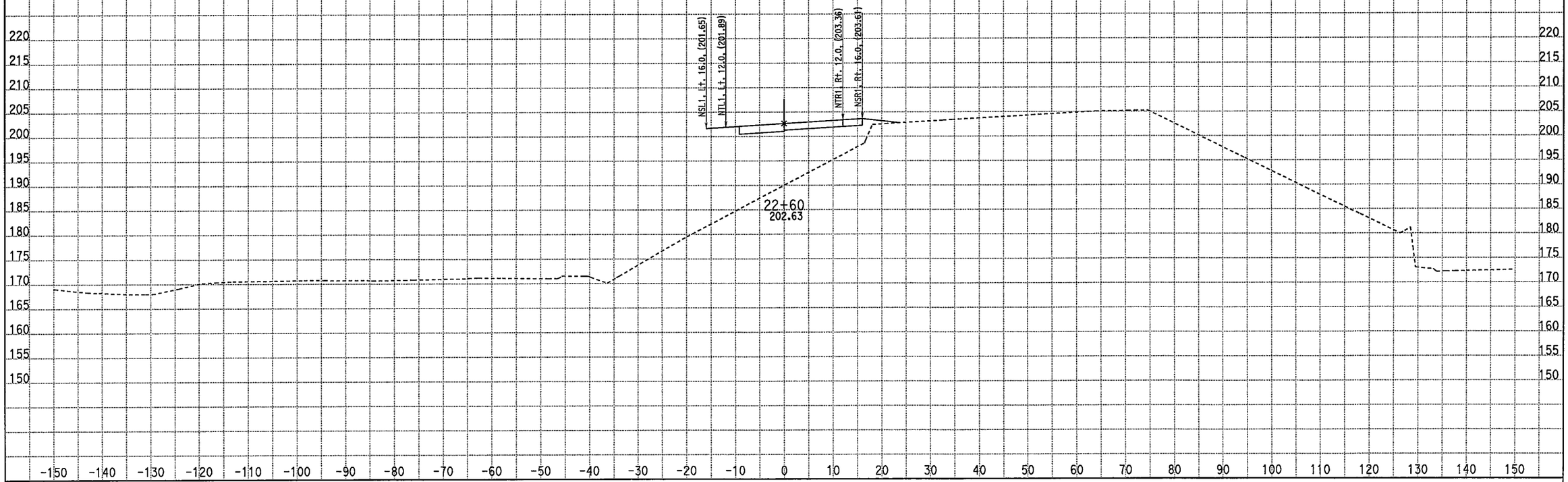
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 32 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

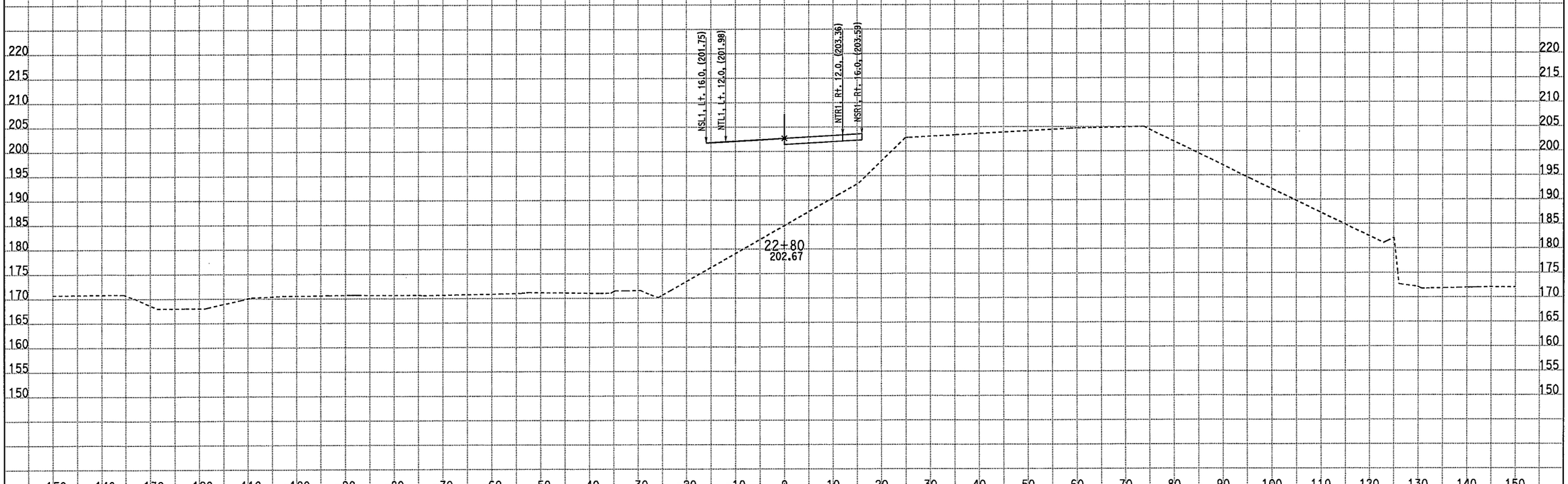
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 33 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

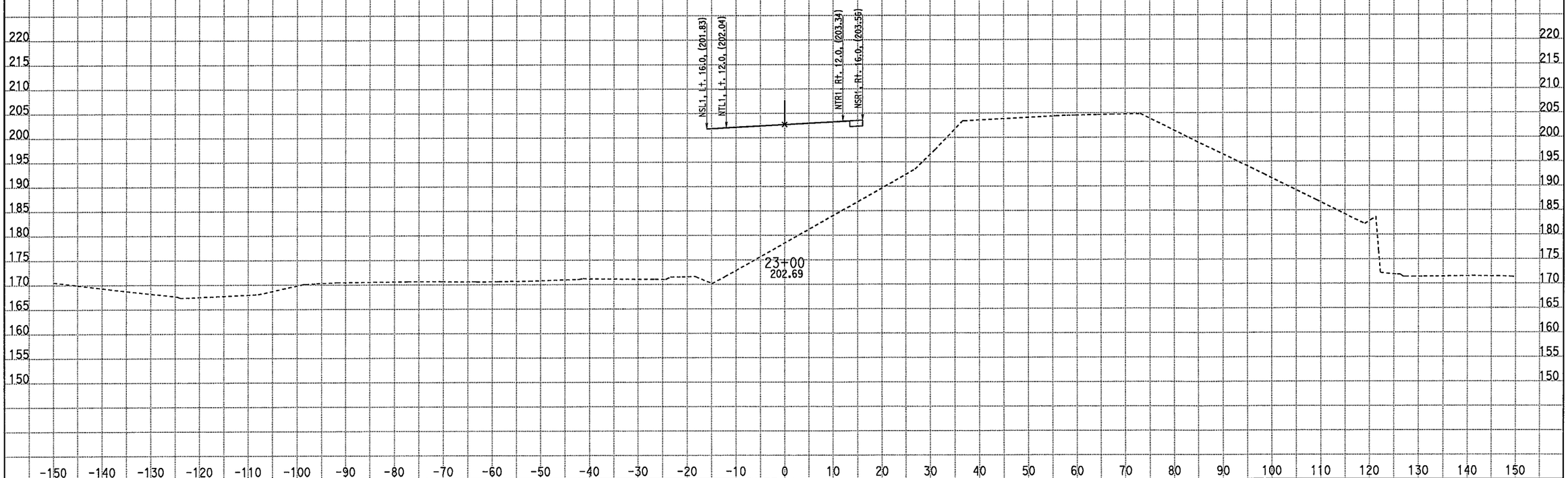
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

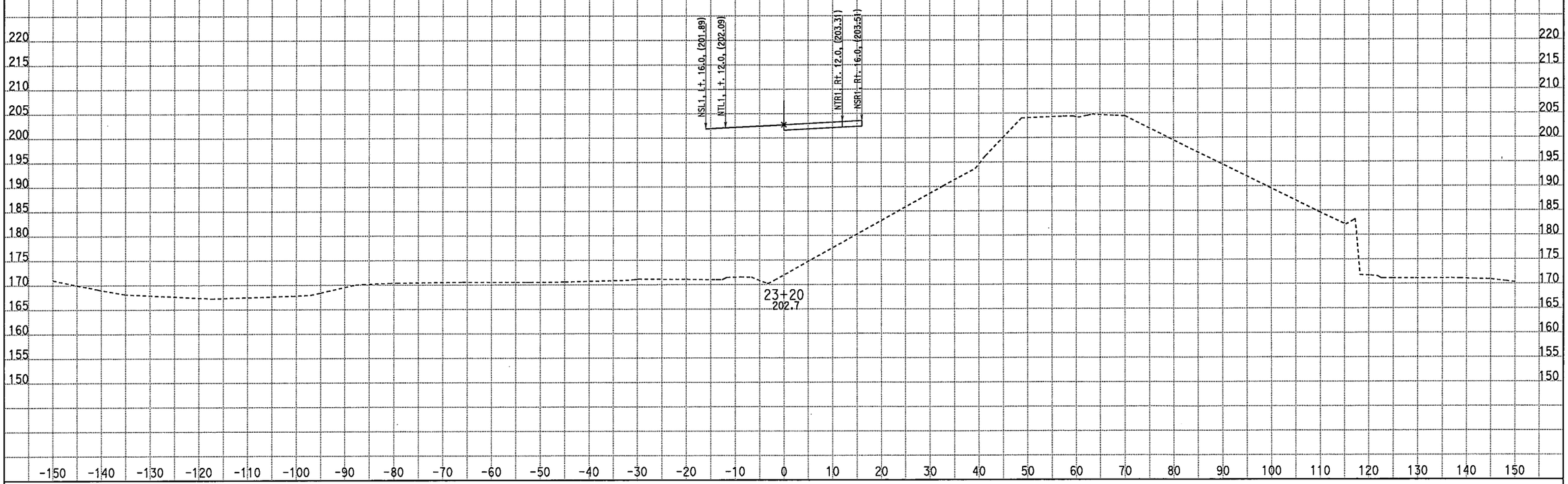
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

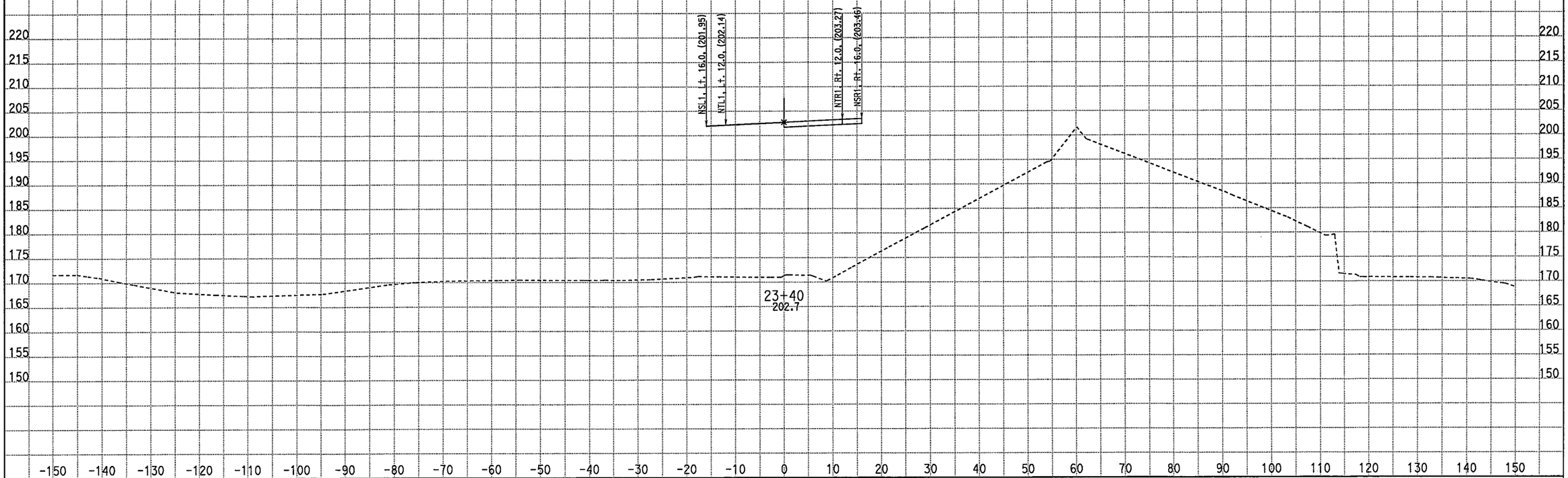
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

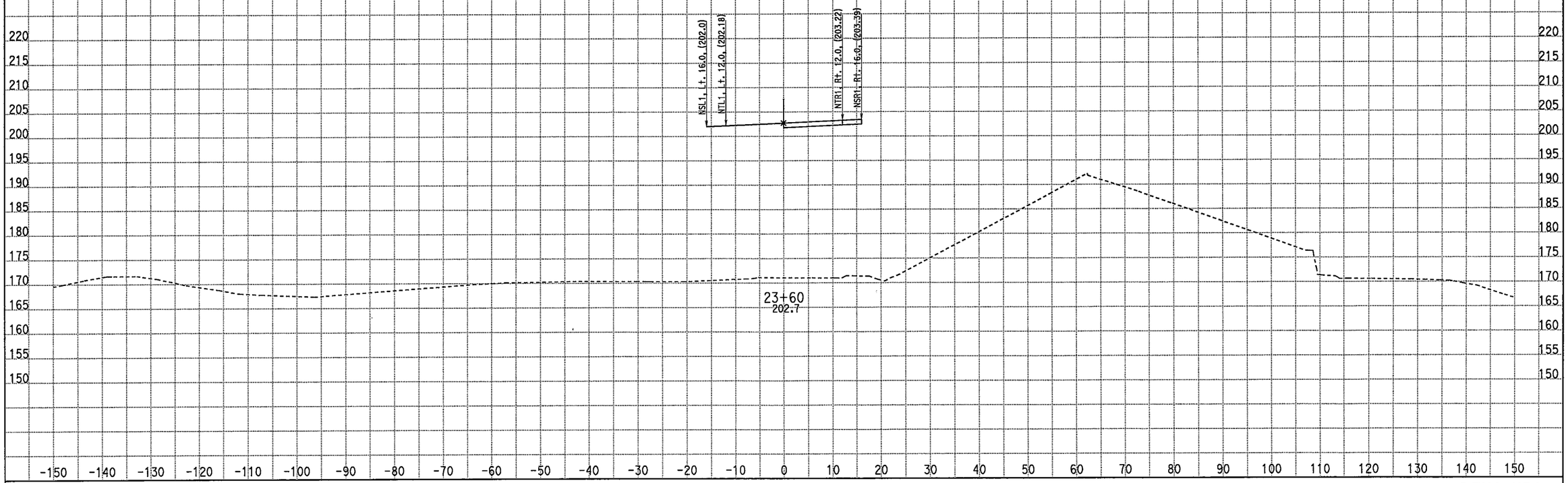
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

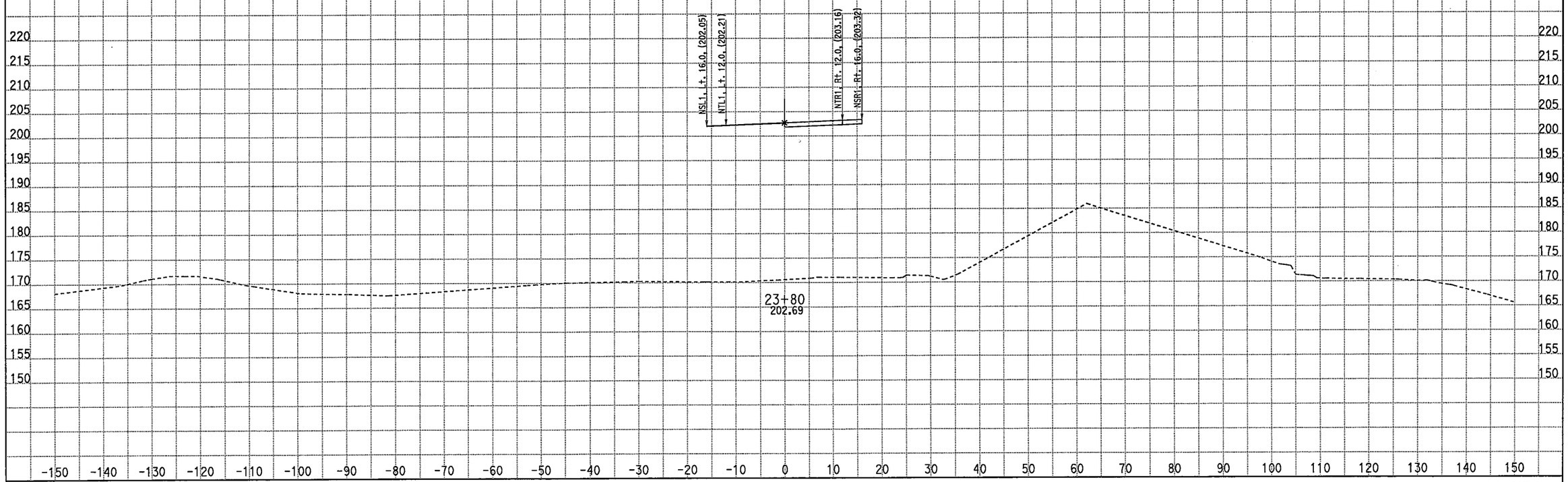
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

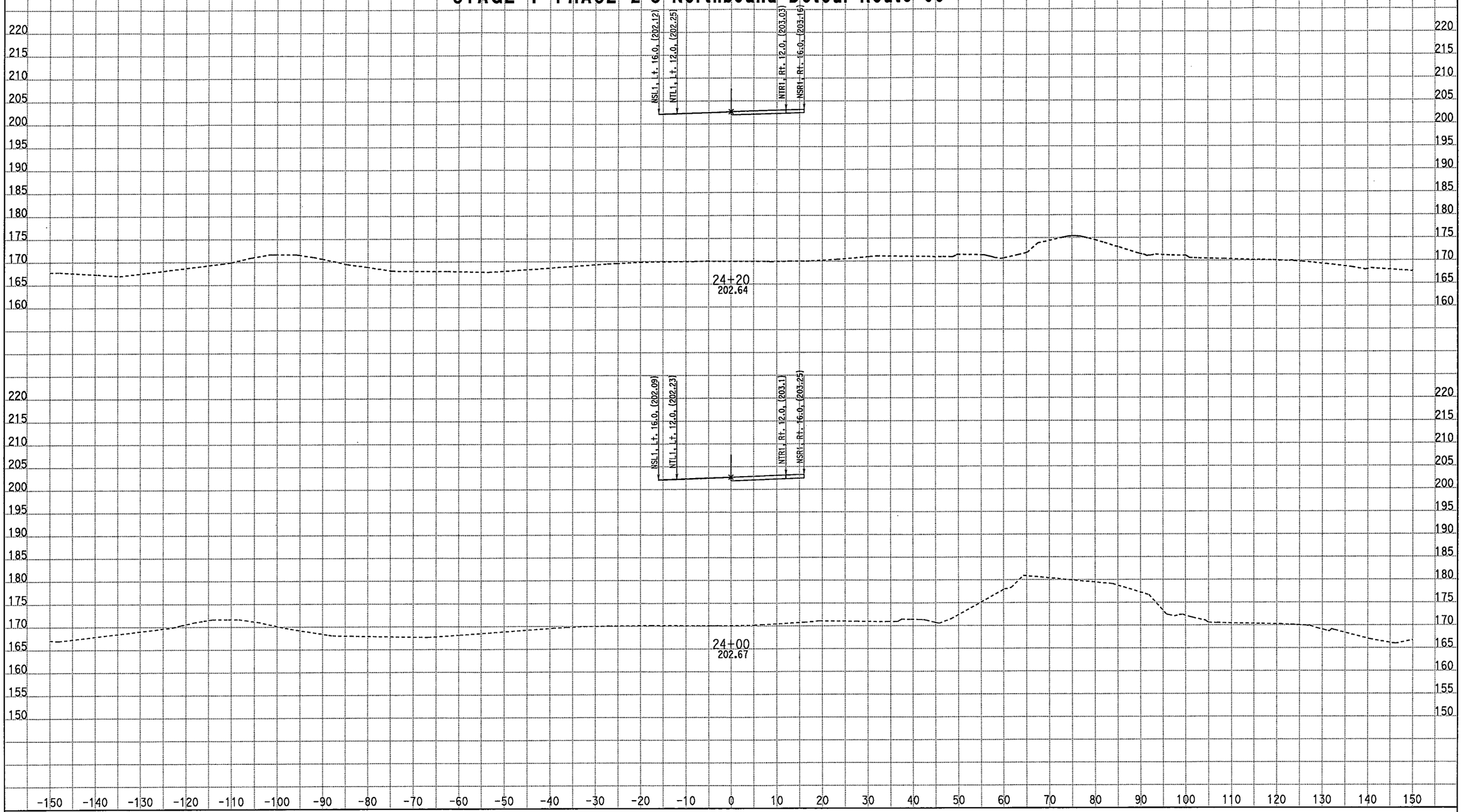
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

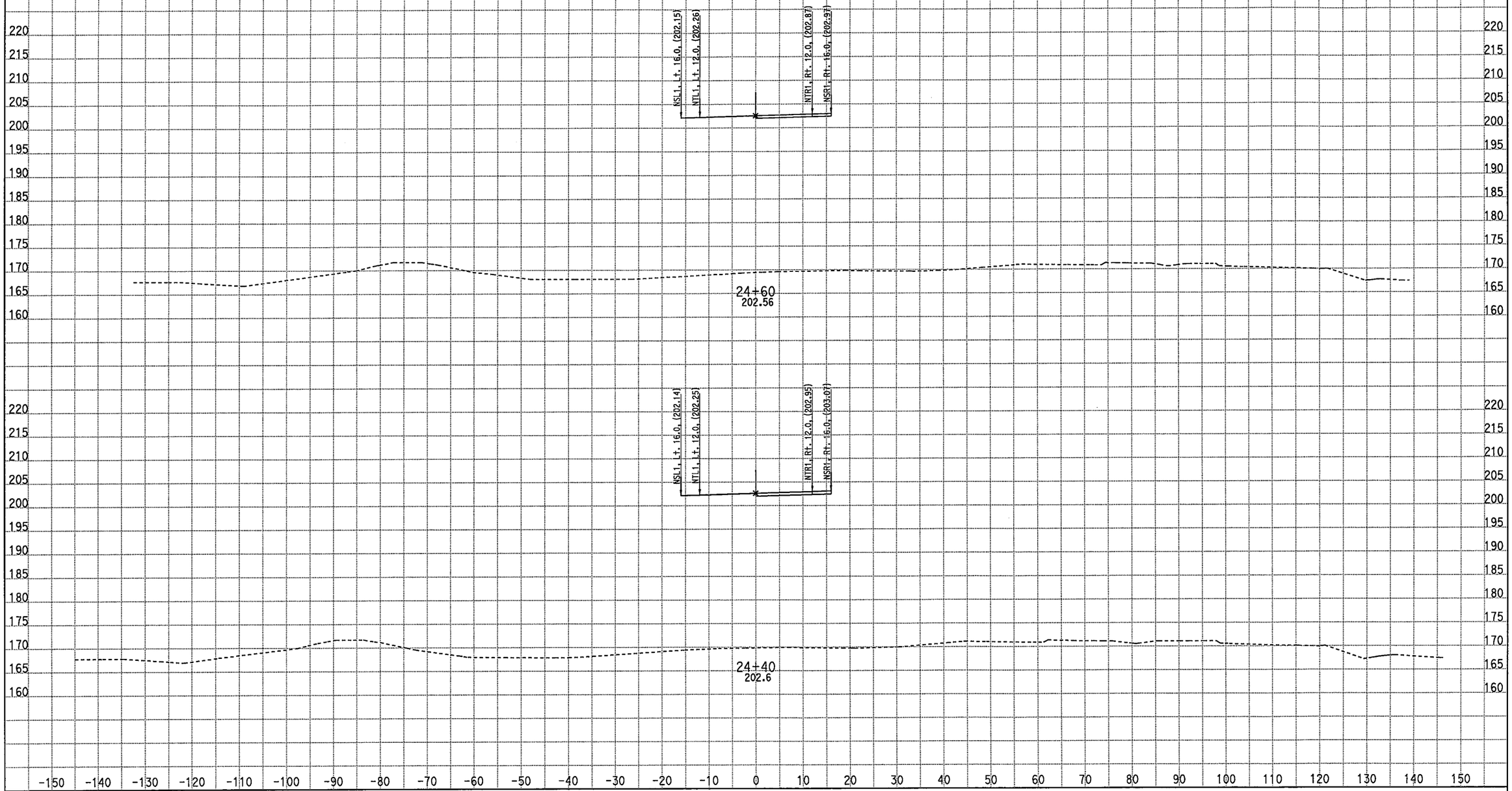
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

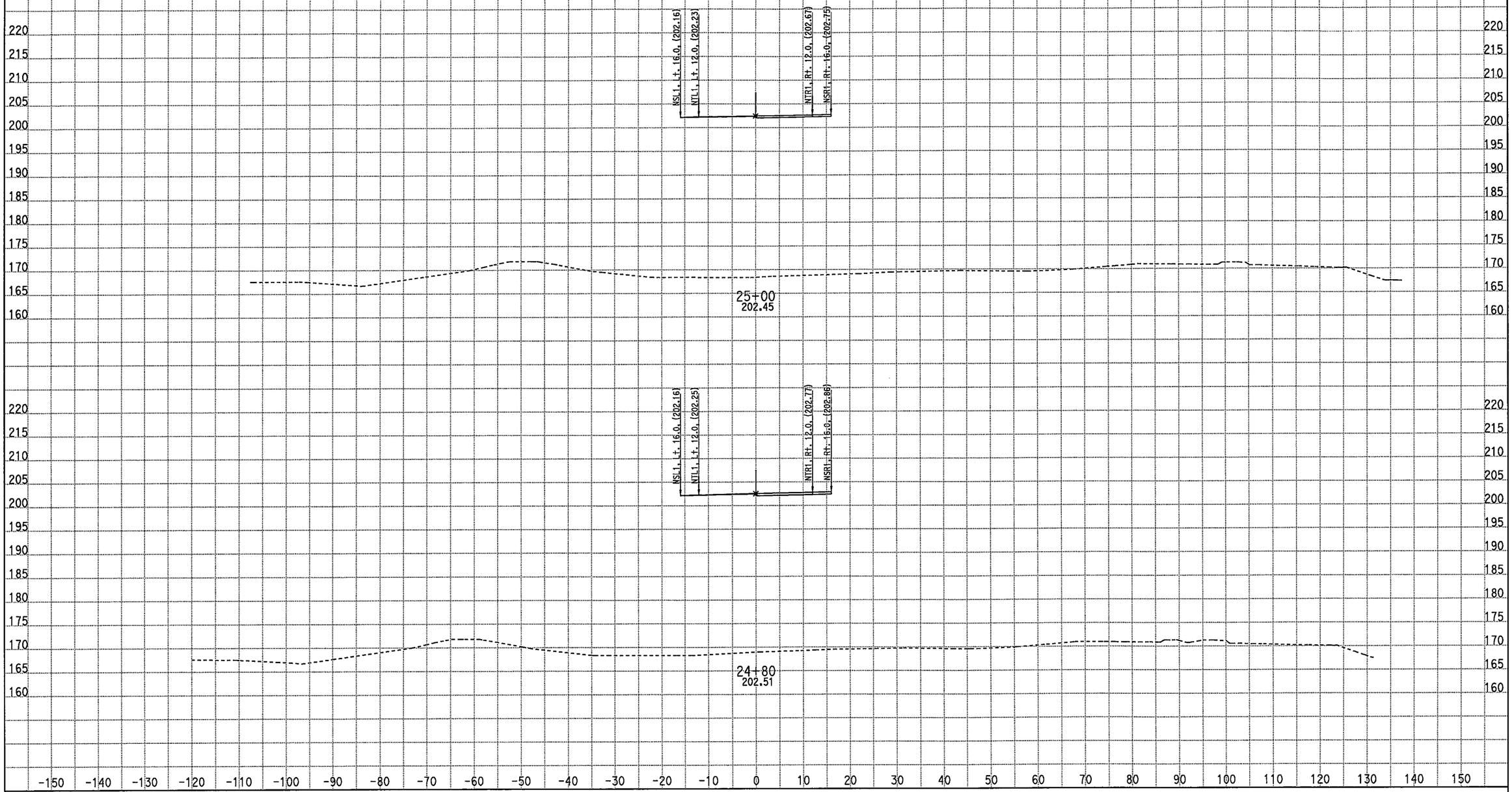
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 41 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

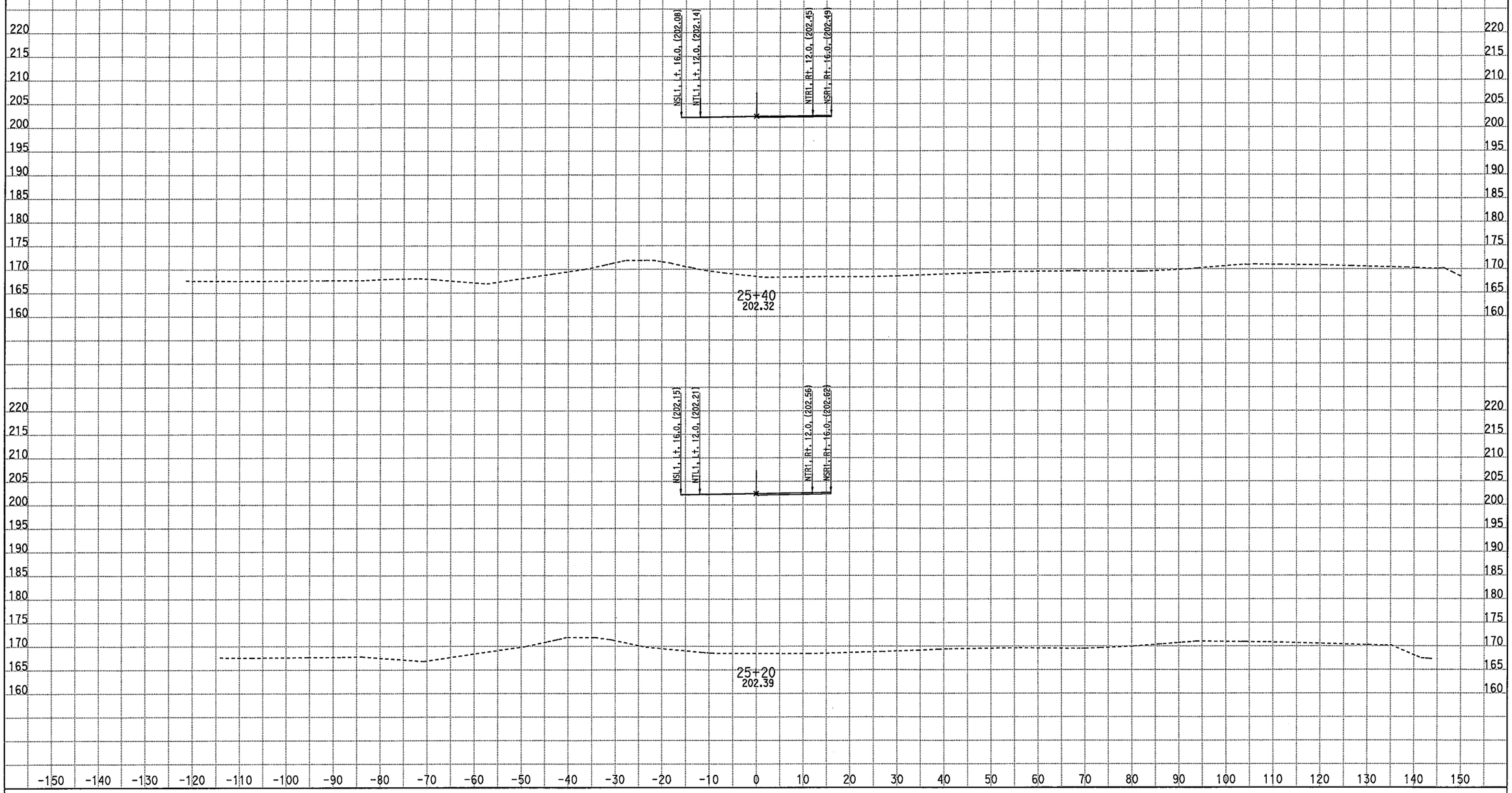
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

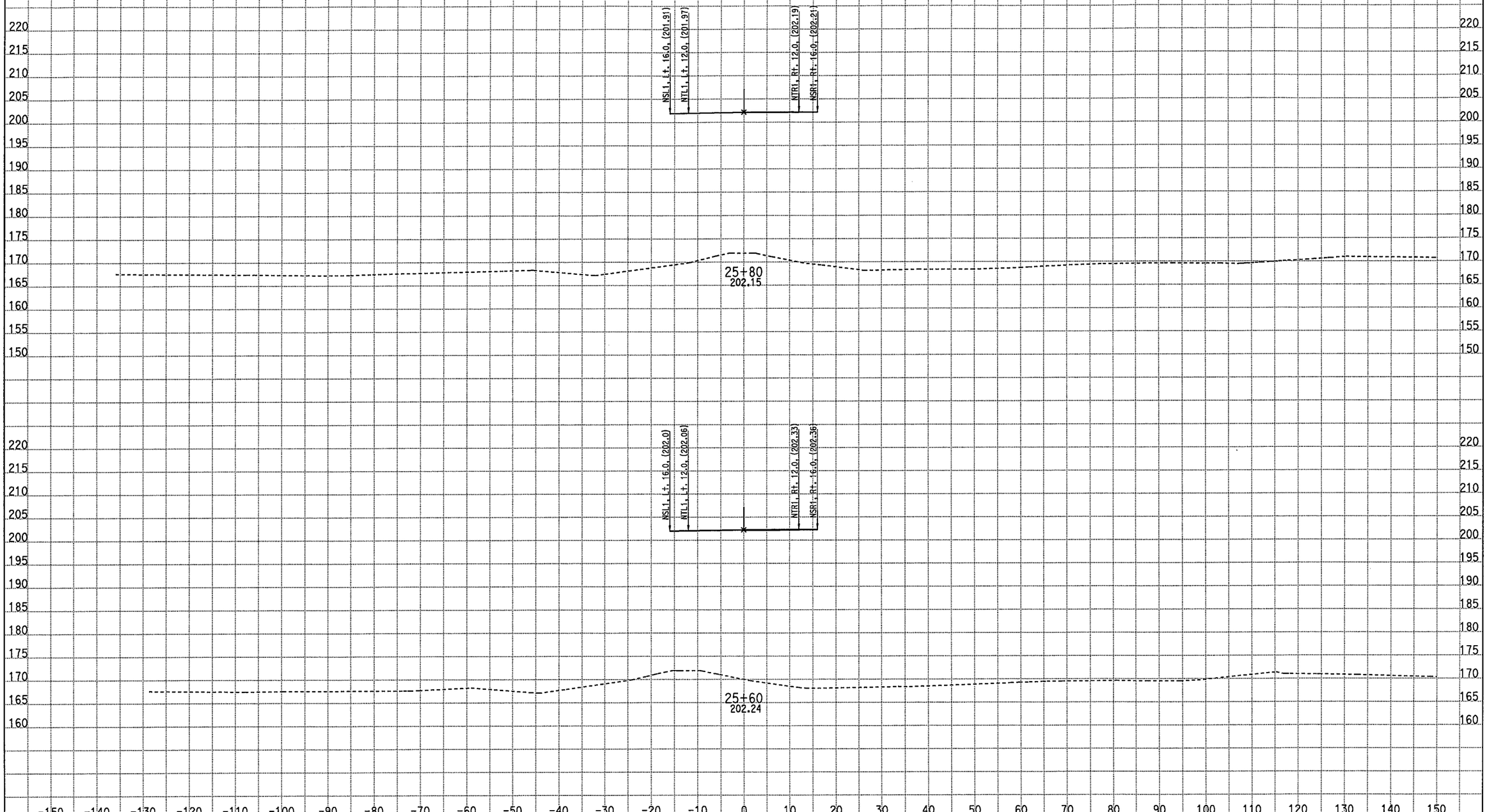
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

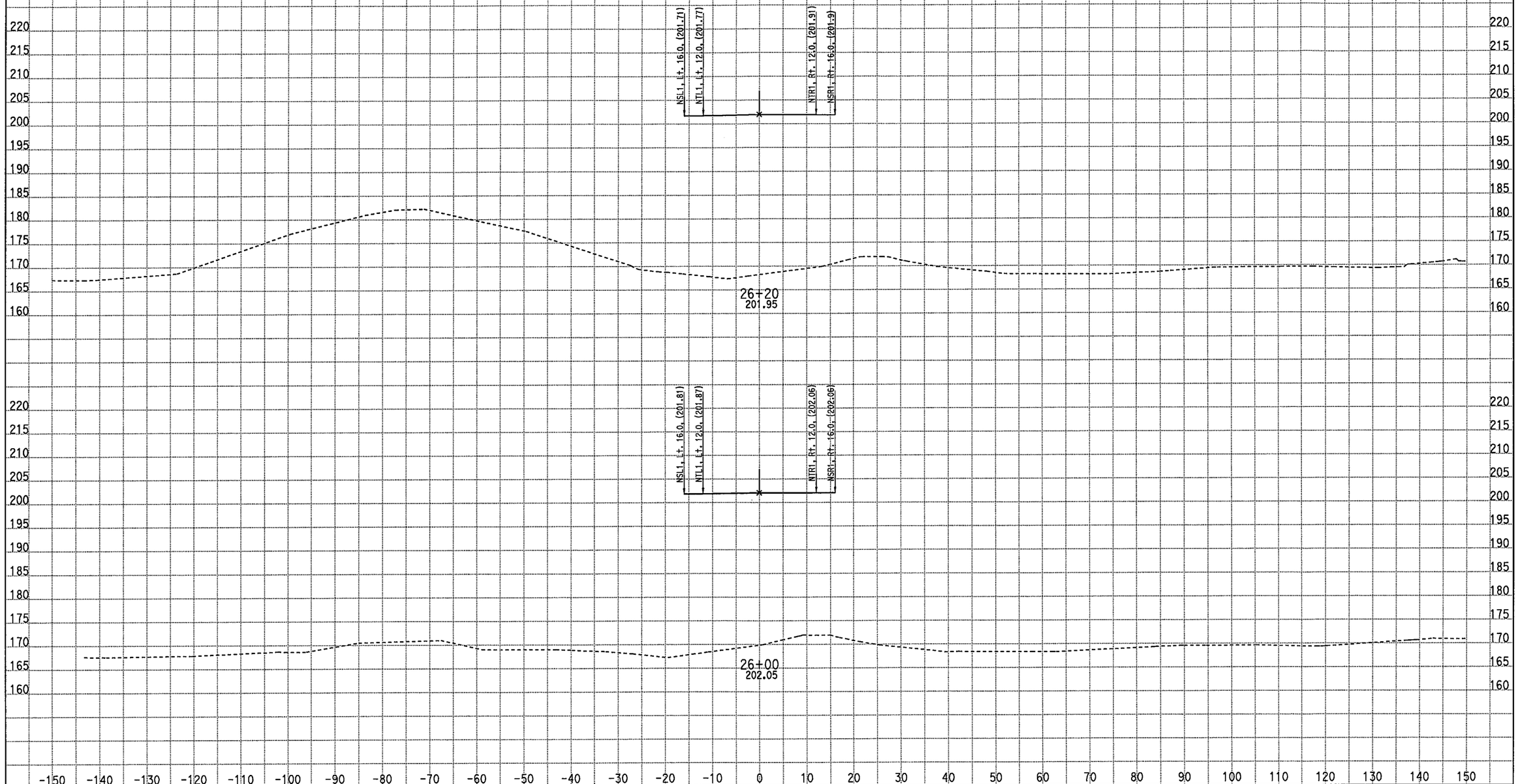
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

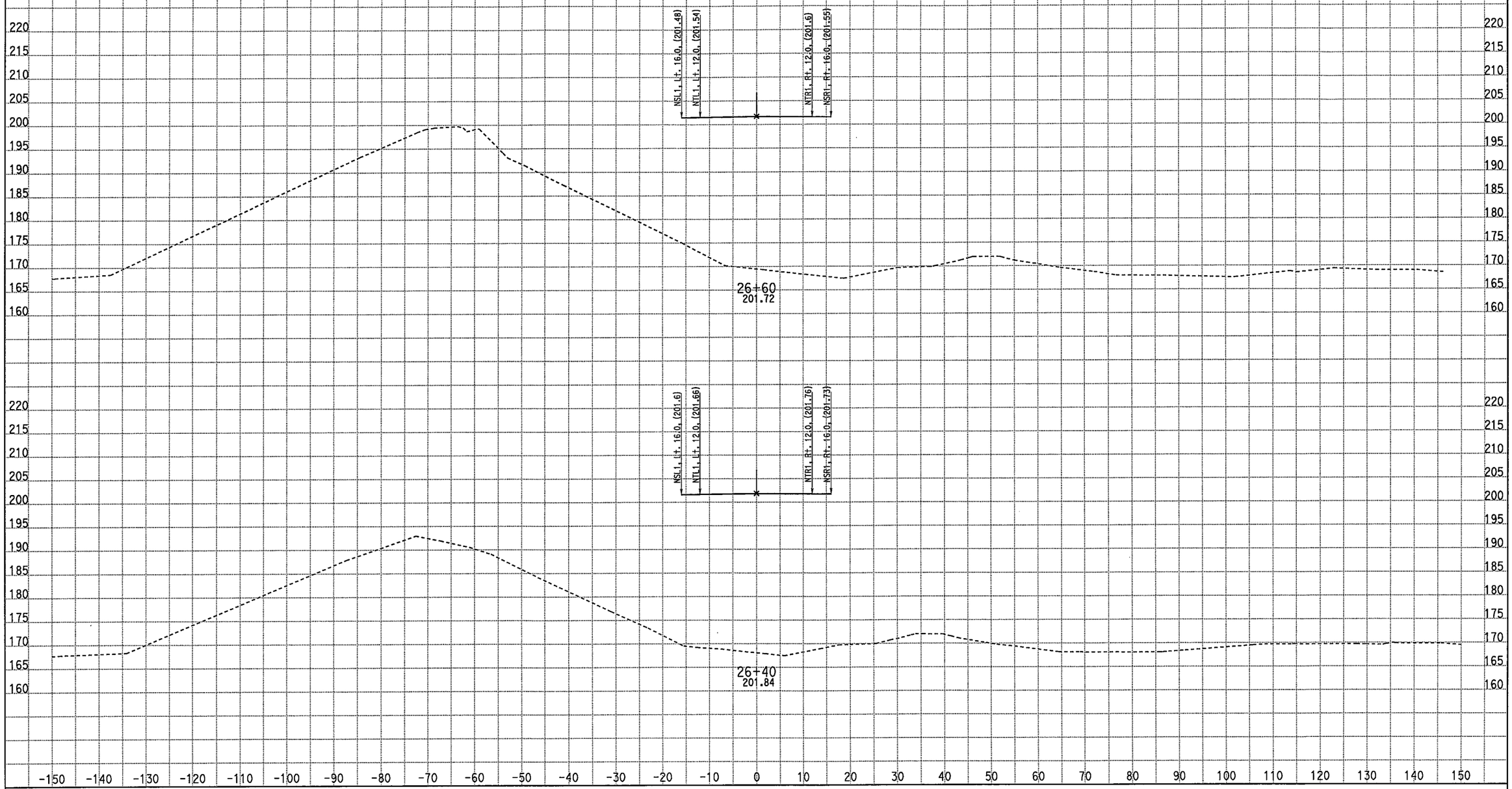
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

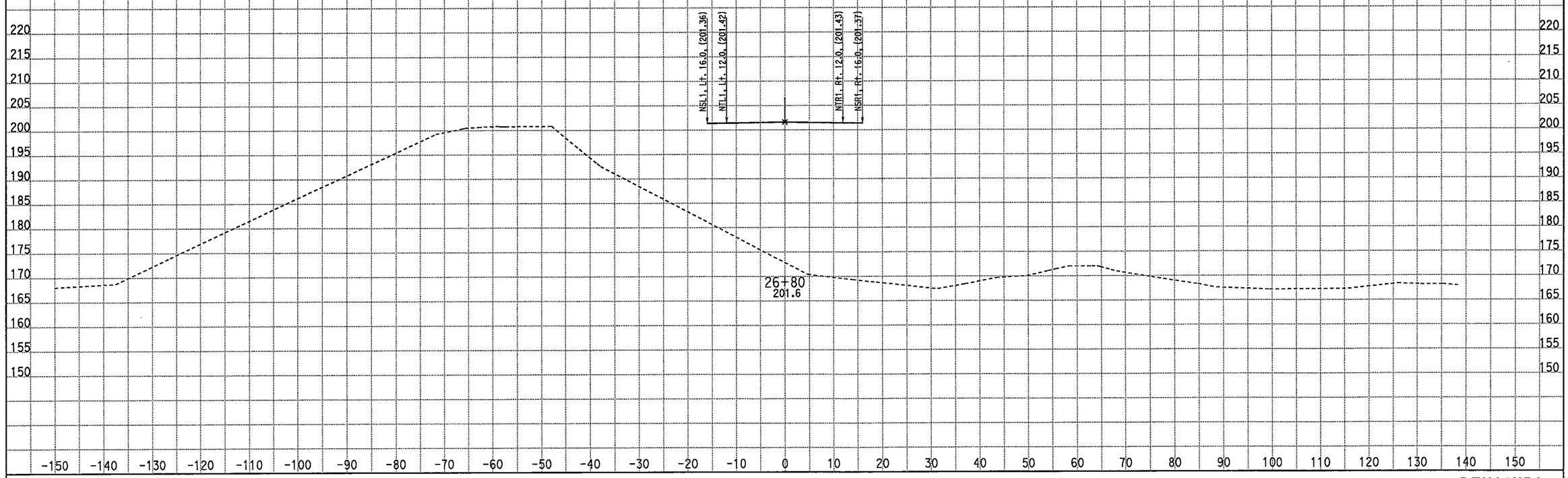
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

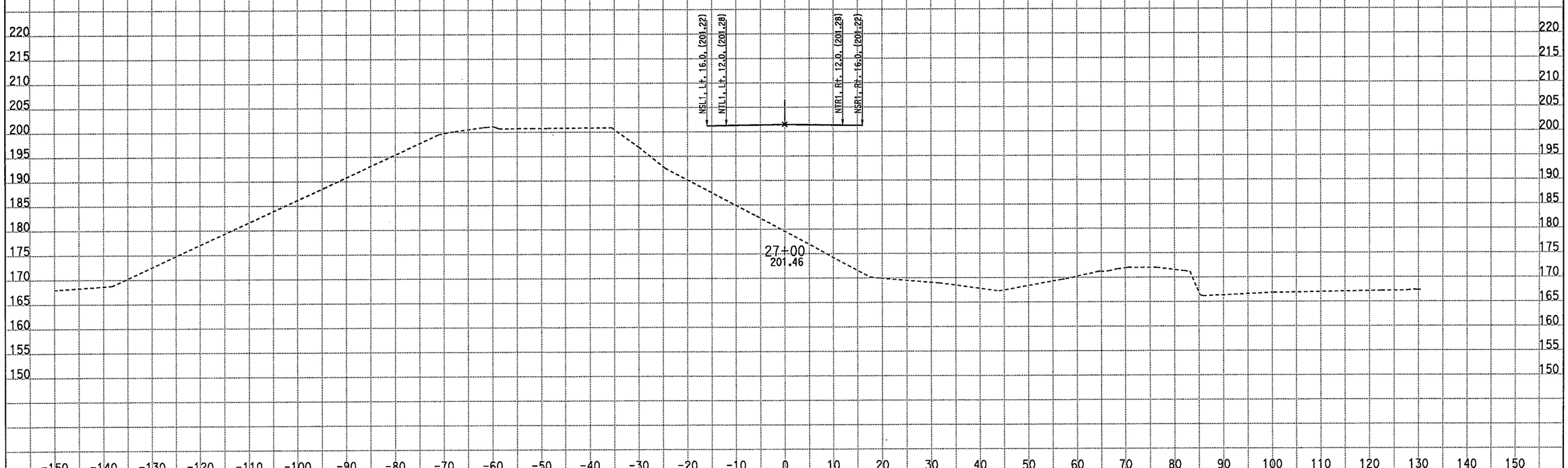
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 47 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

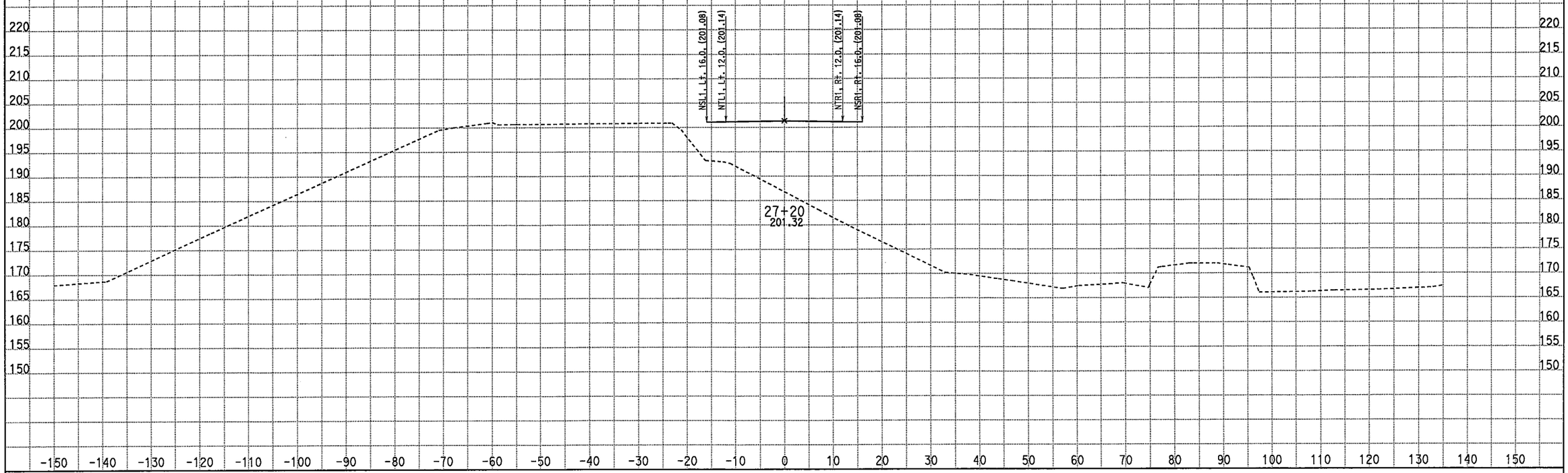
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

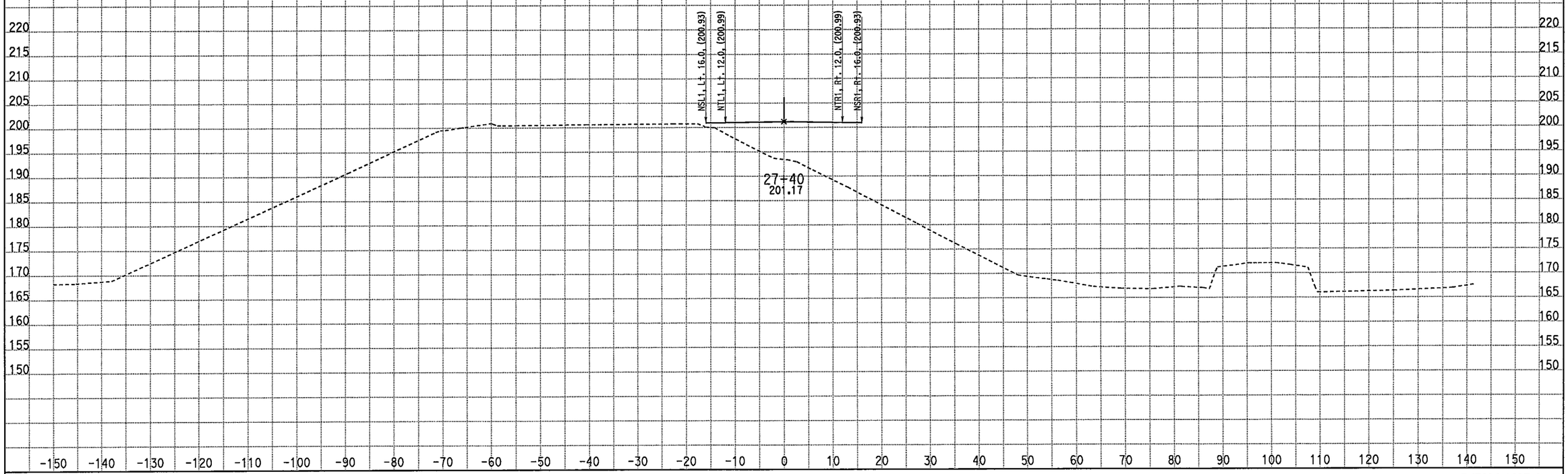
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

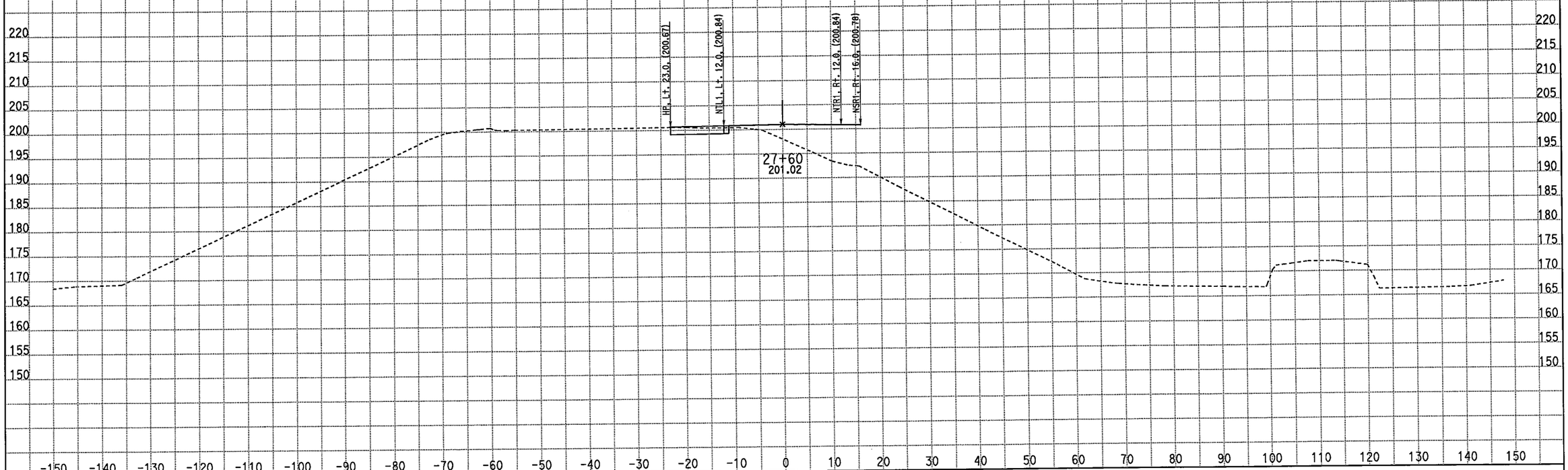
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

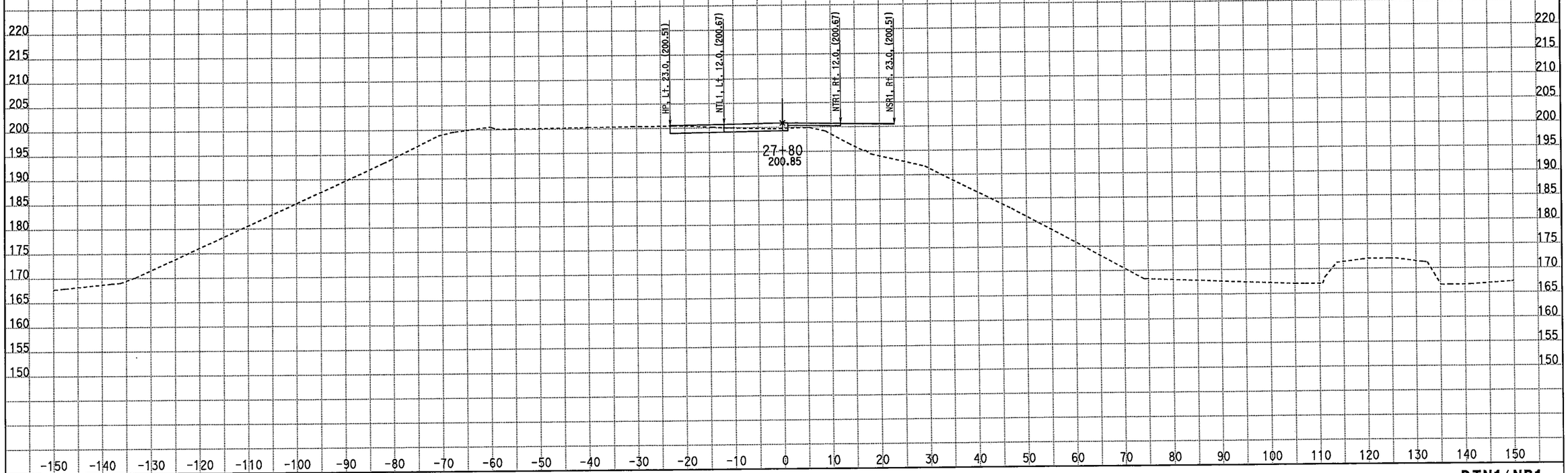
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

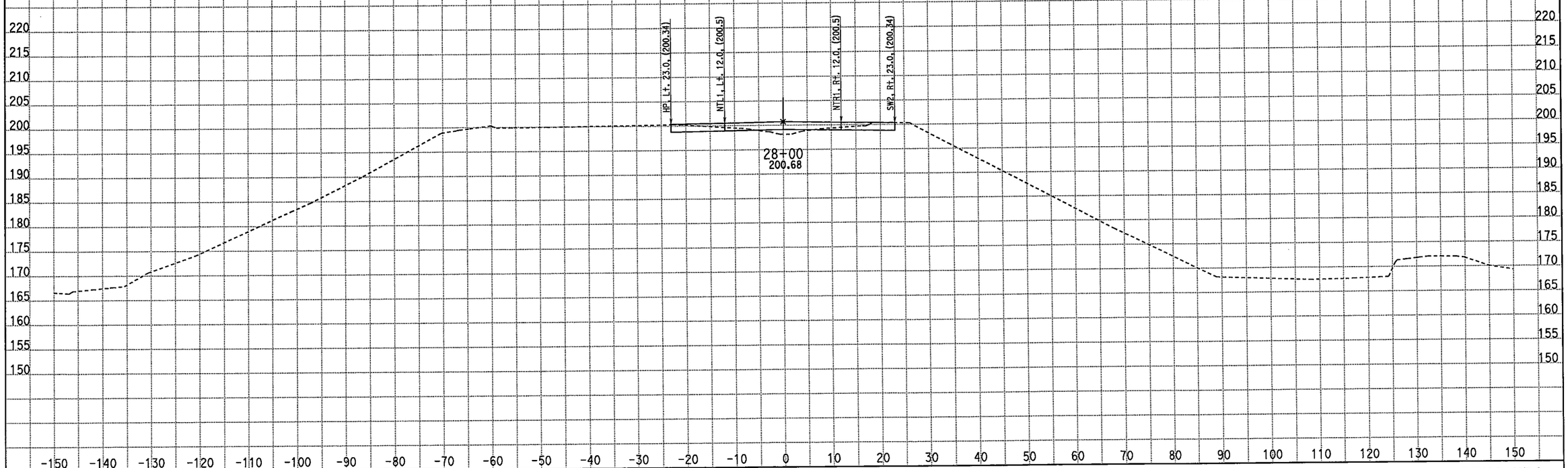
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

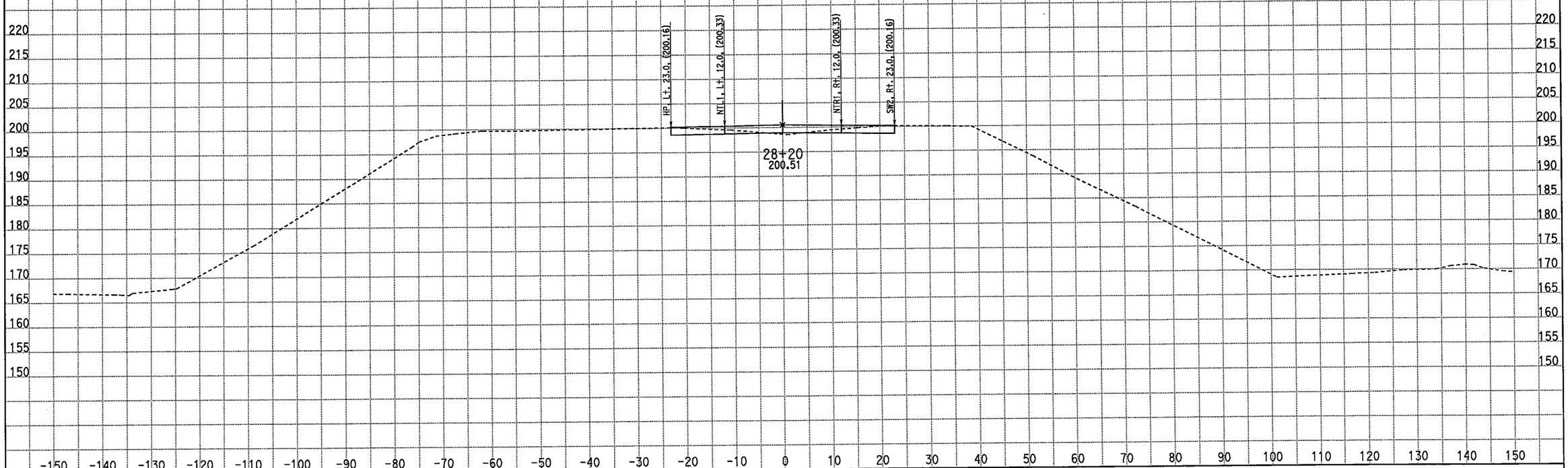
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 53 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

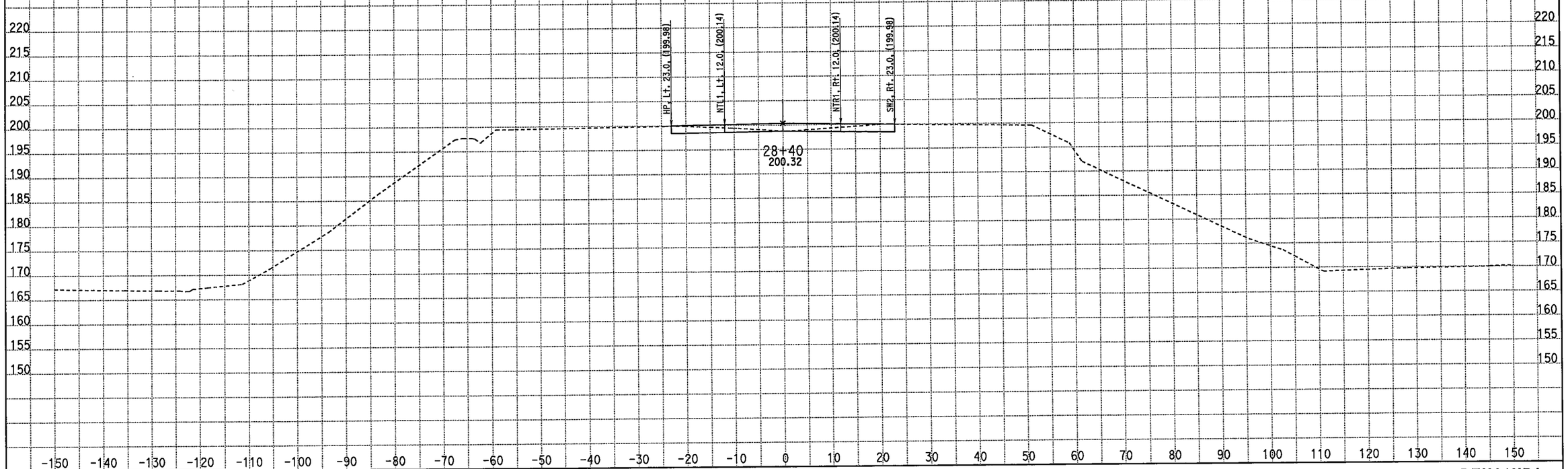
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 54 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

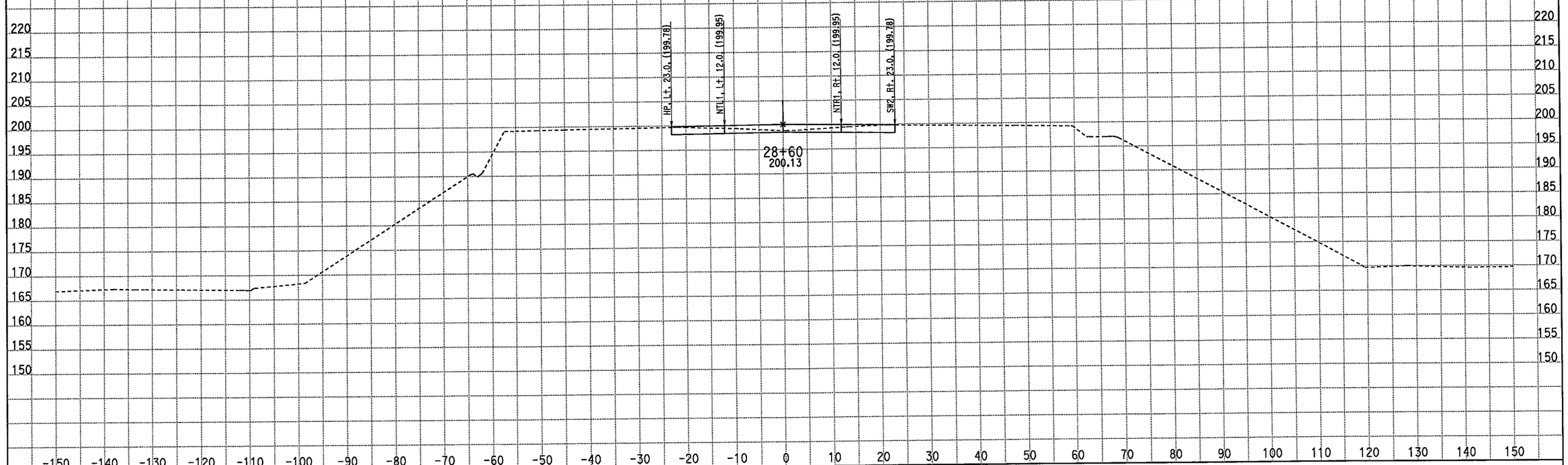
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 55 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

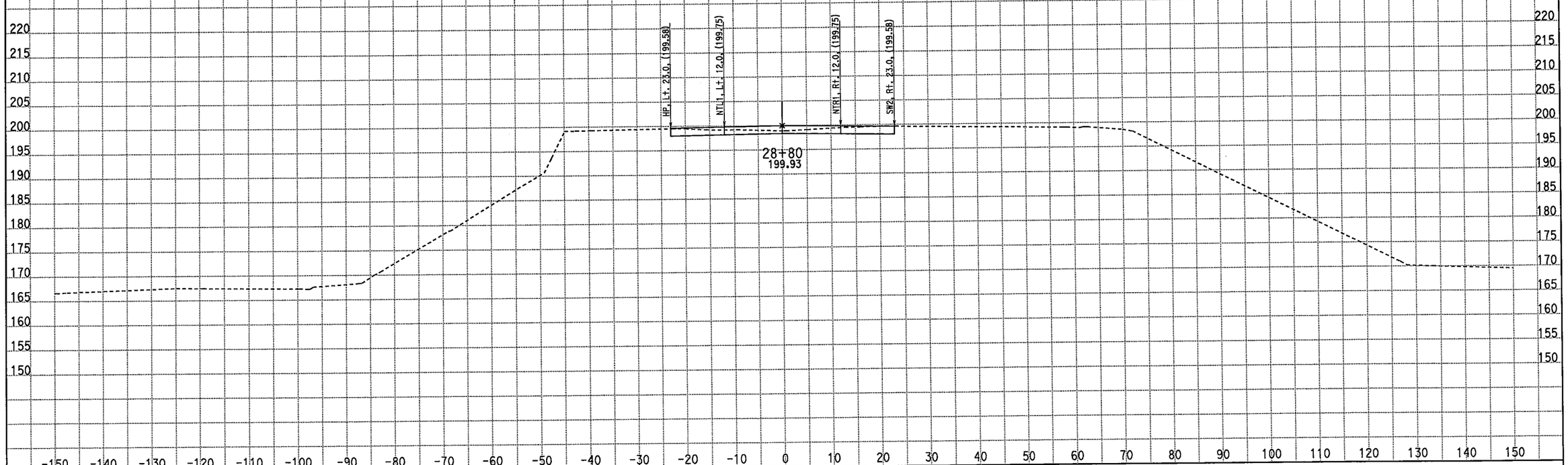
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

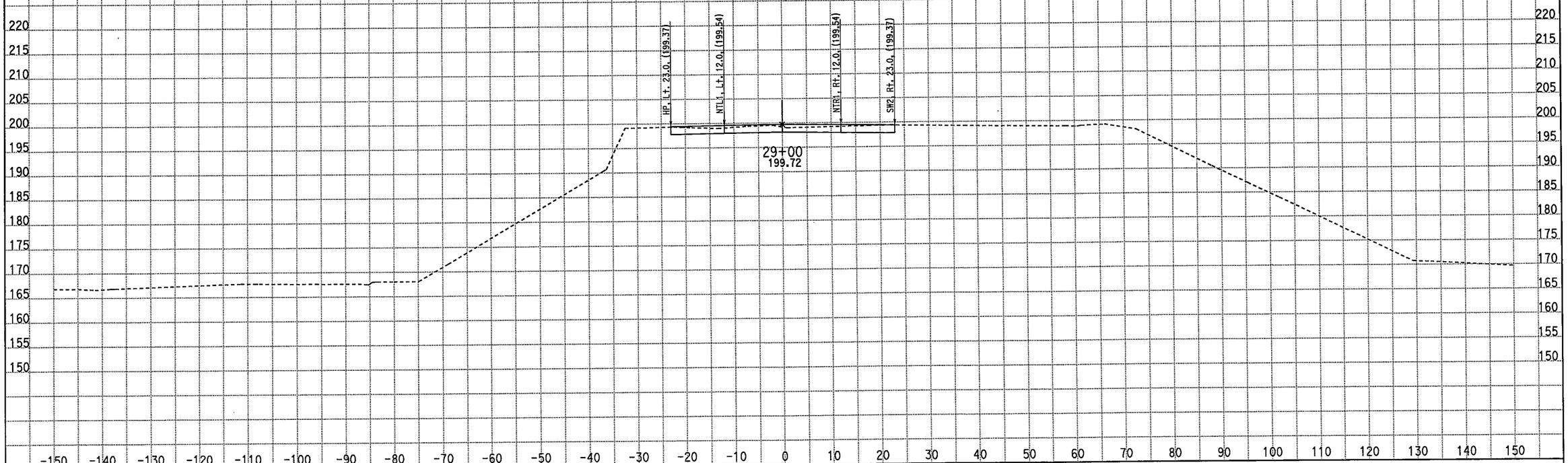
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

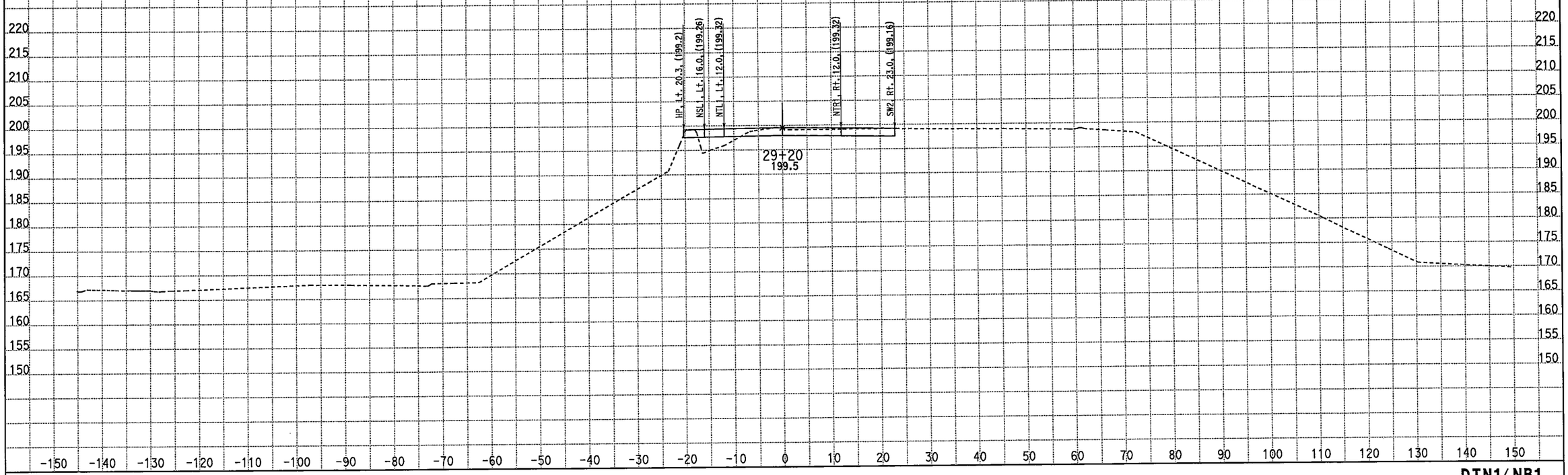
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

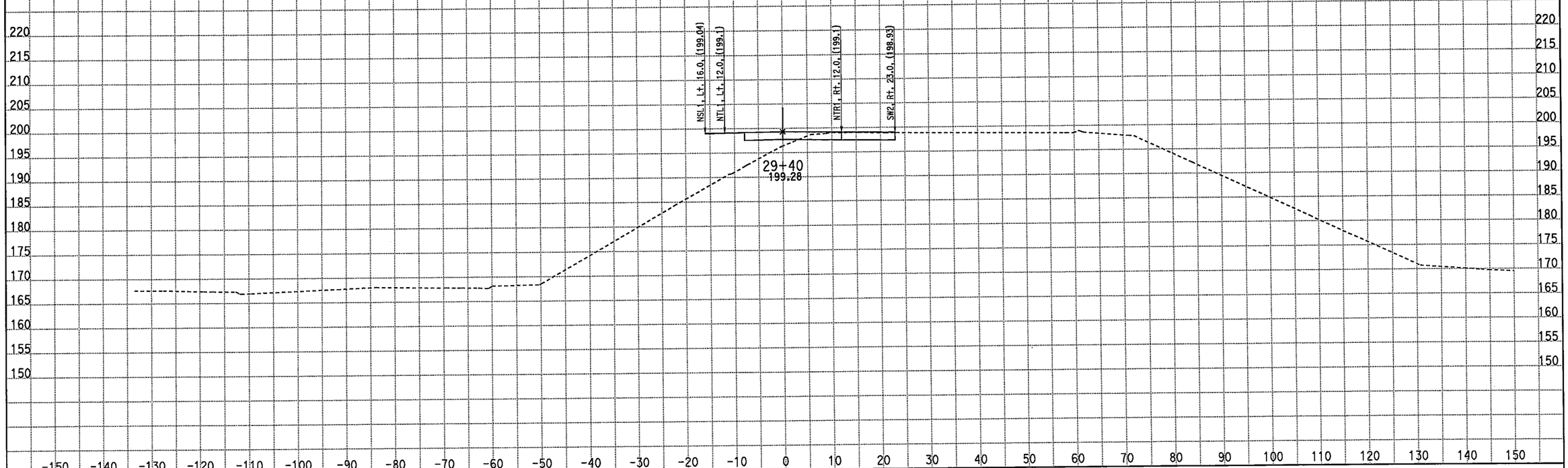
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

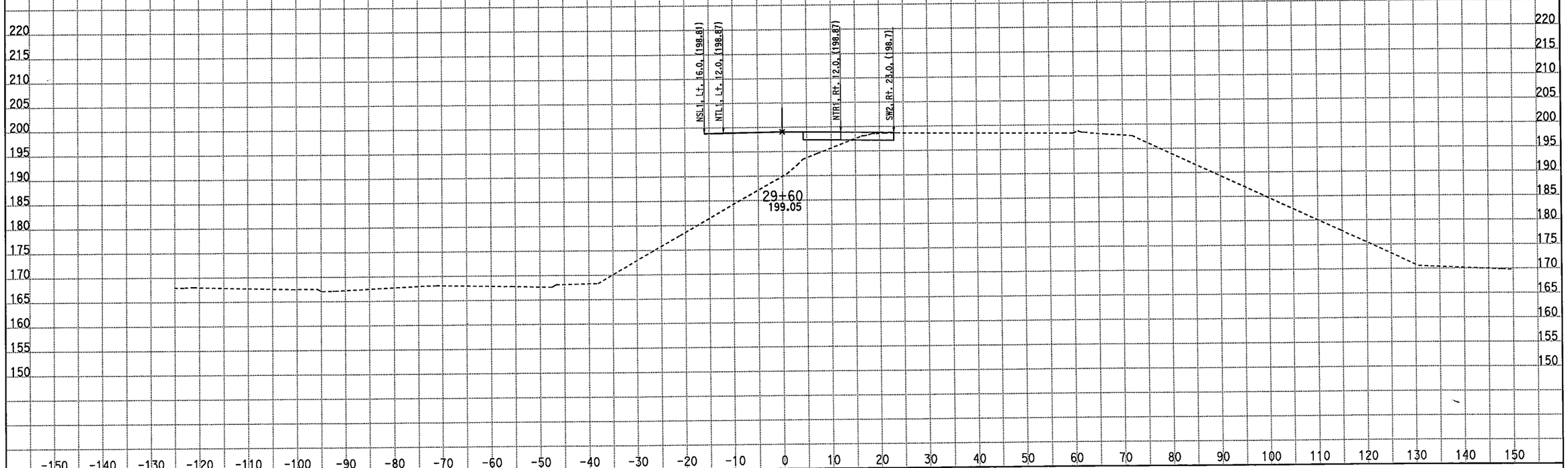
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

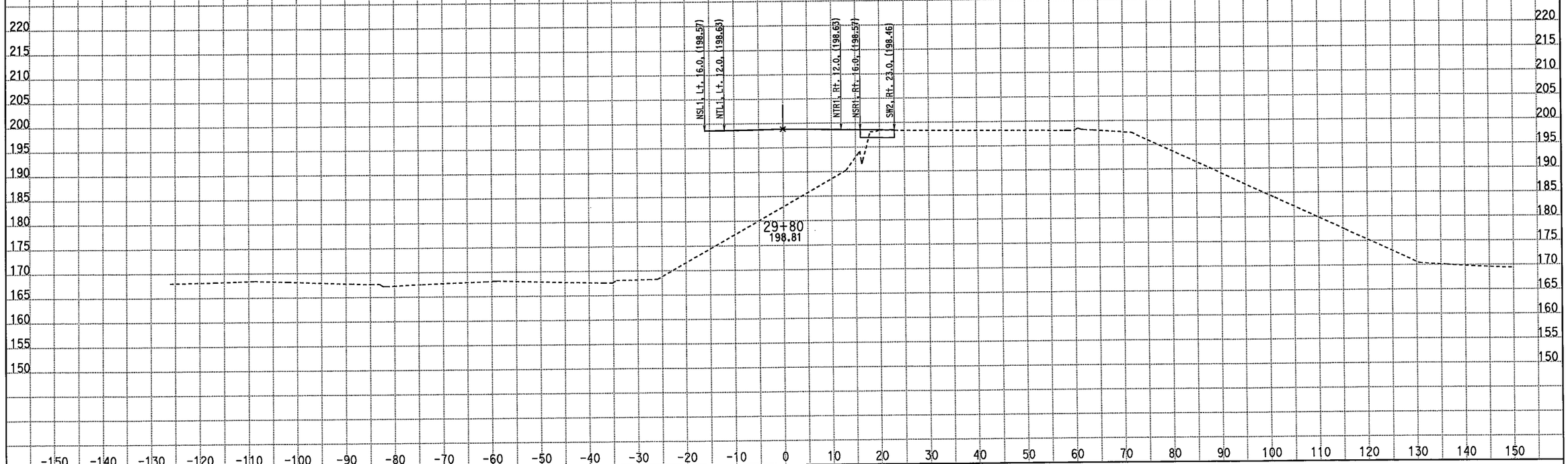
All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

SHEET 61 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

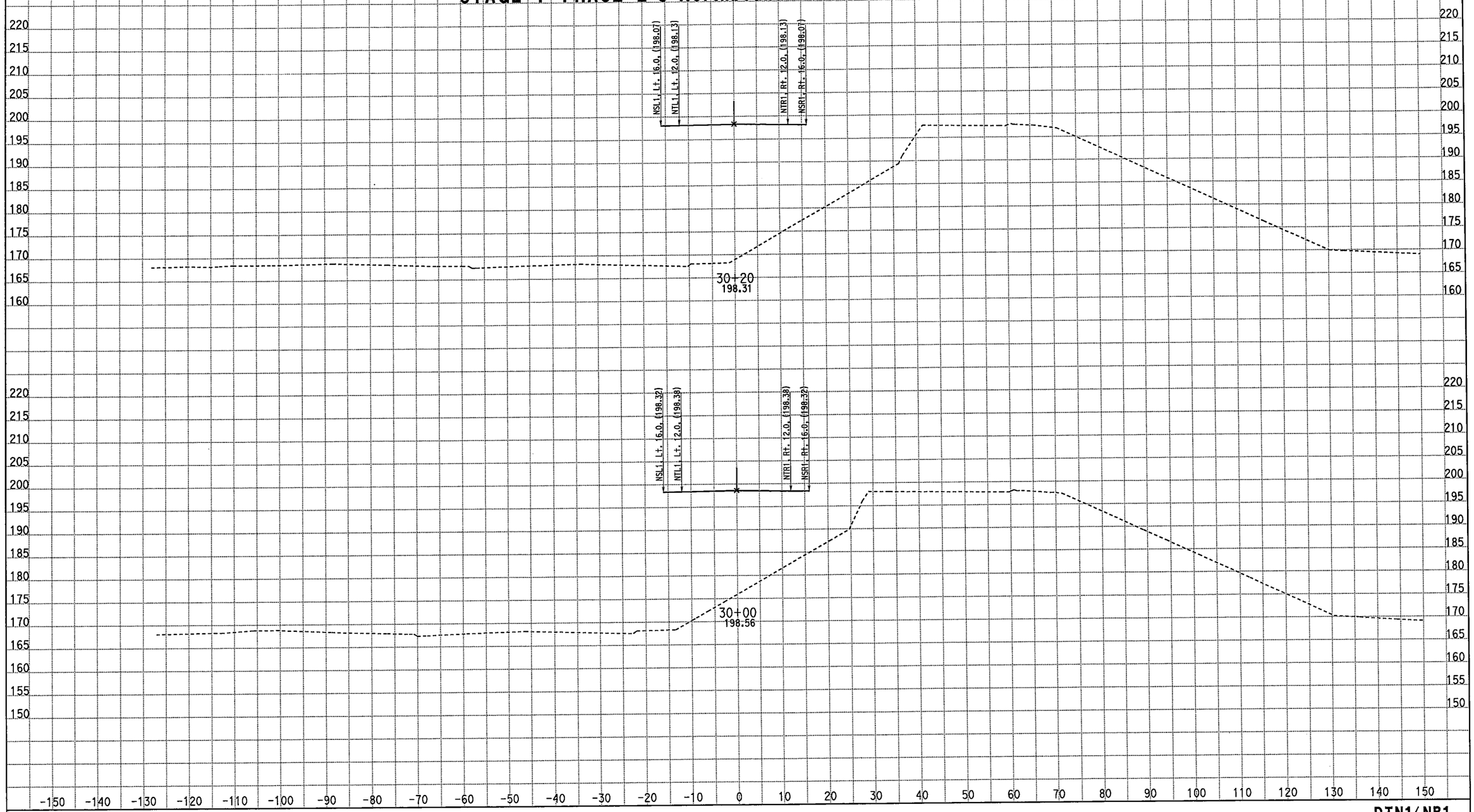
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 62 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

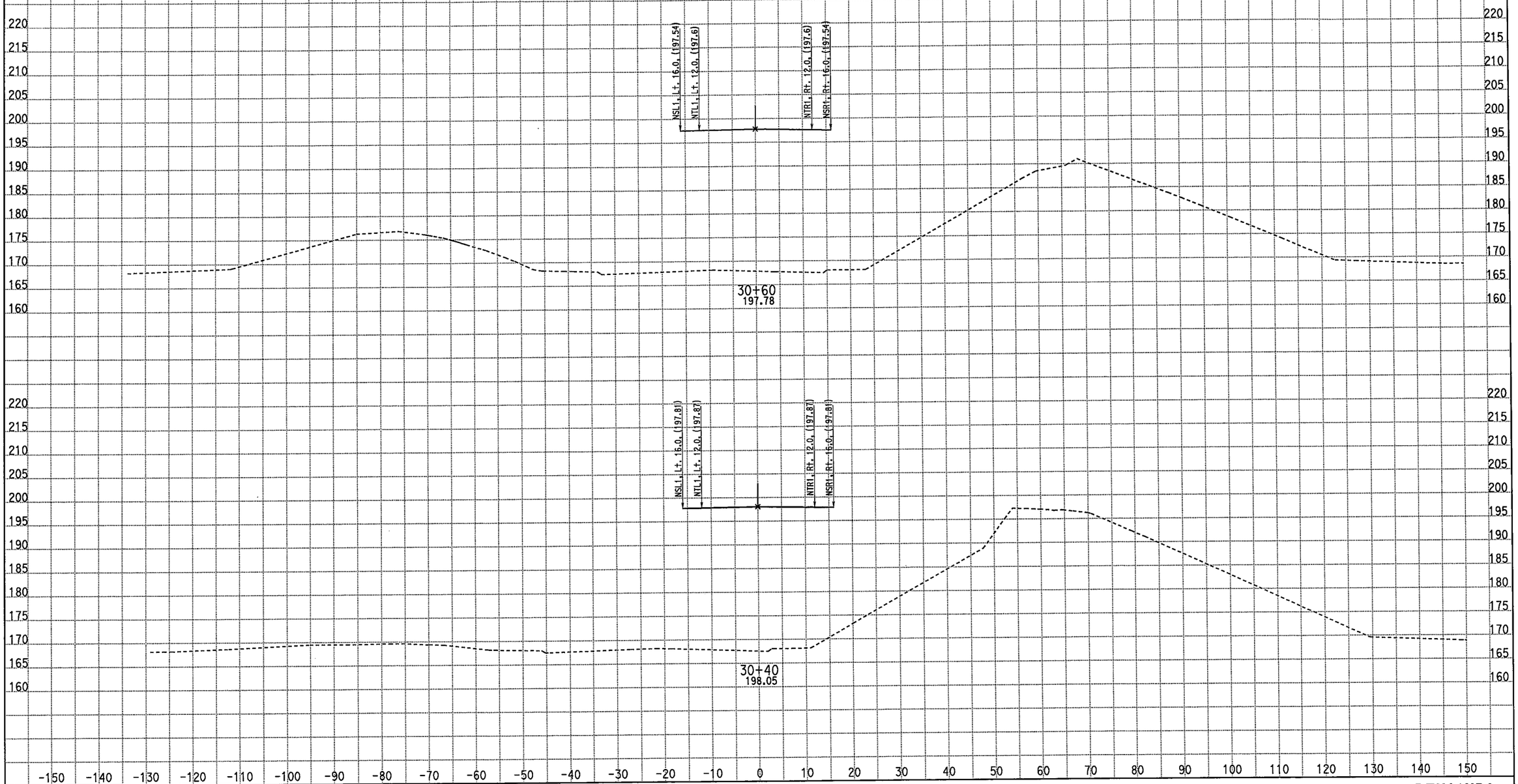
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 63 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

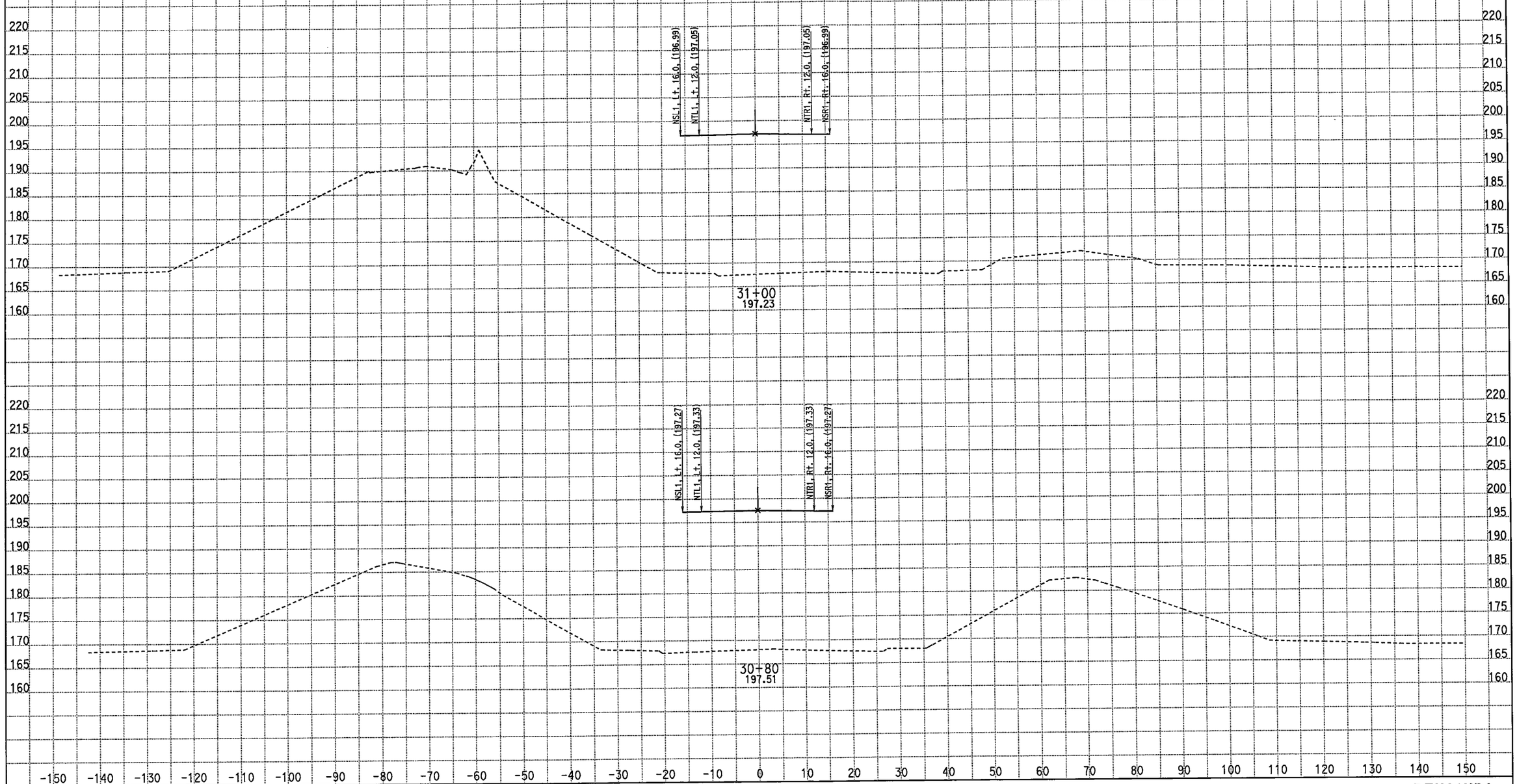
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 64 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

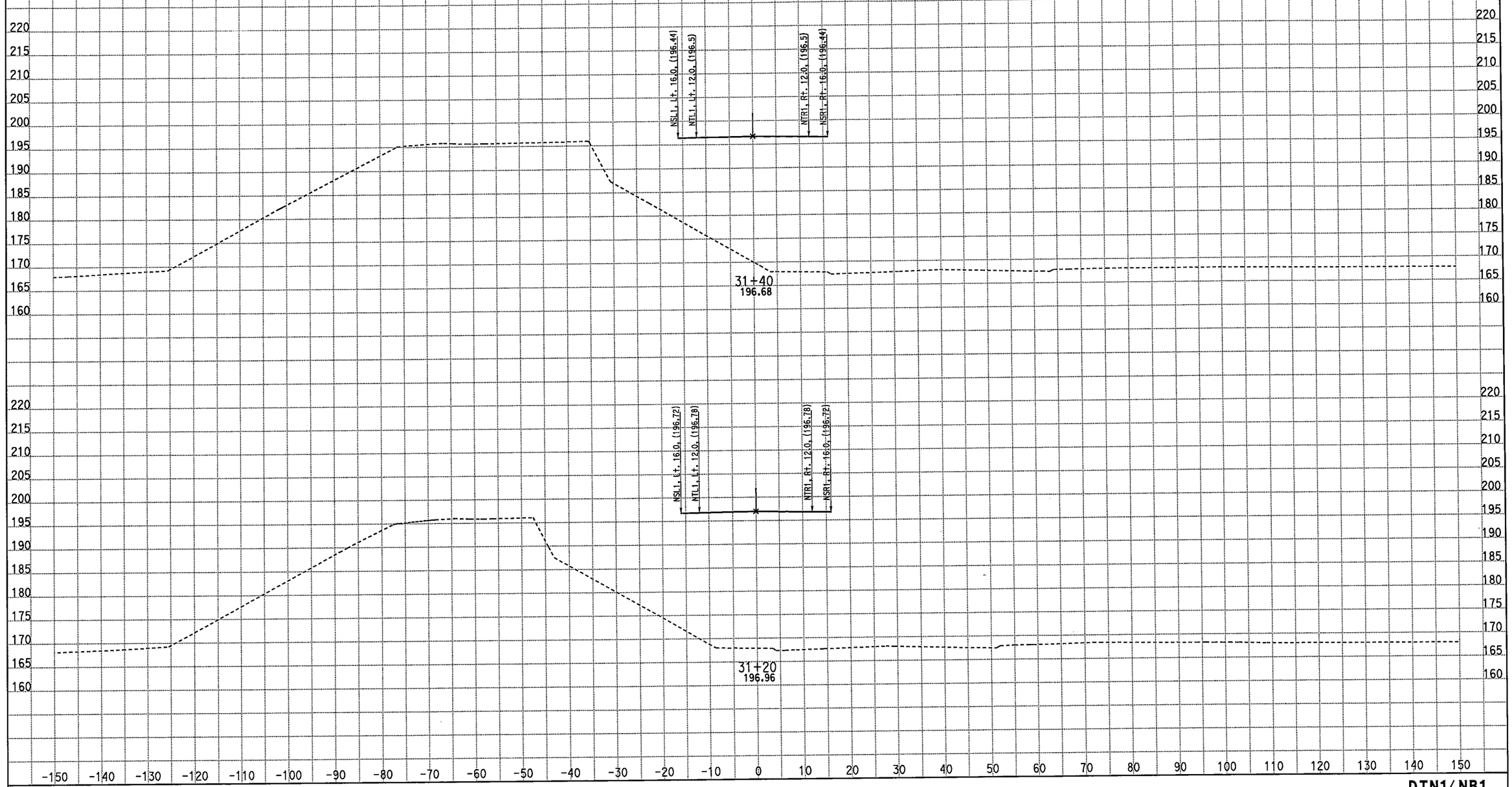
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 65 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

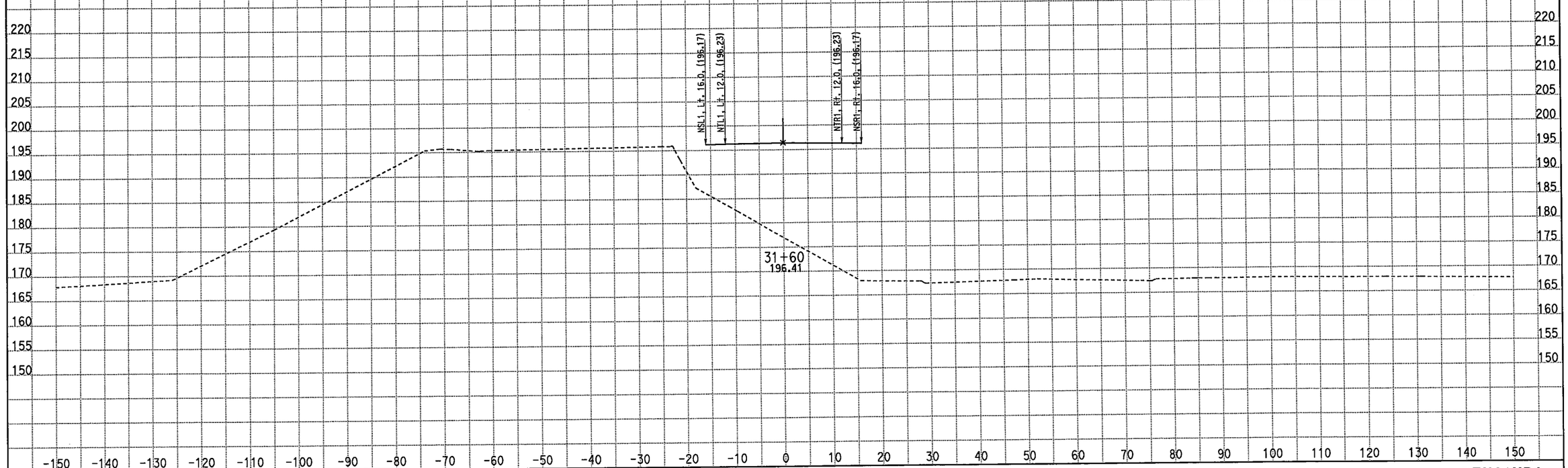
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

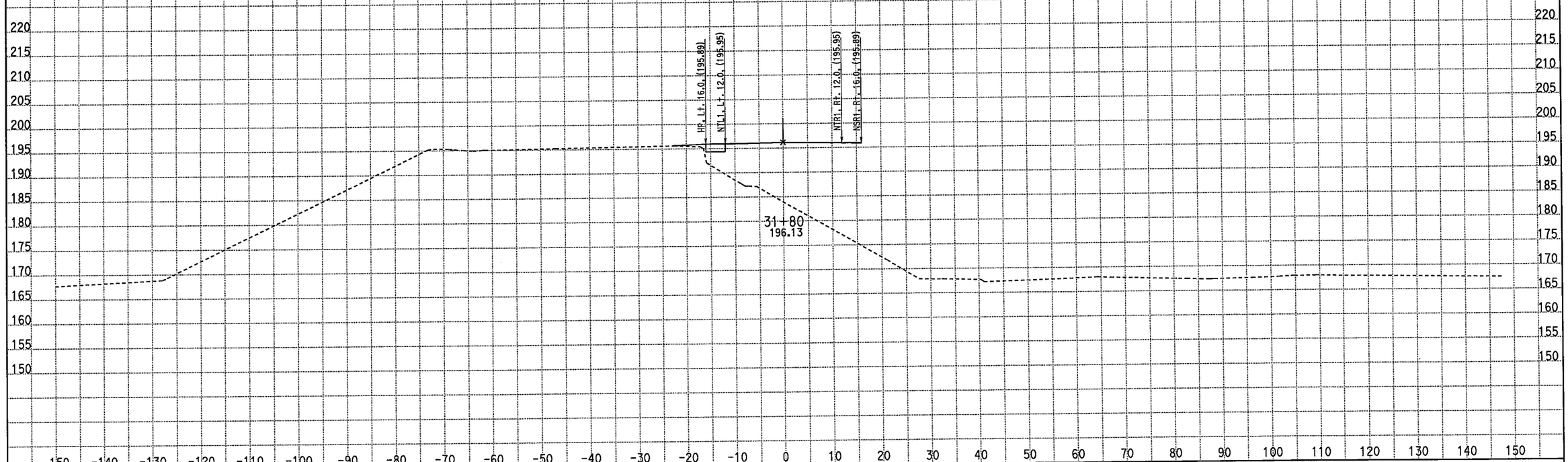
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 67 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

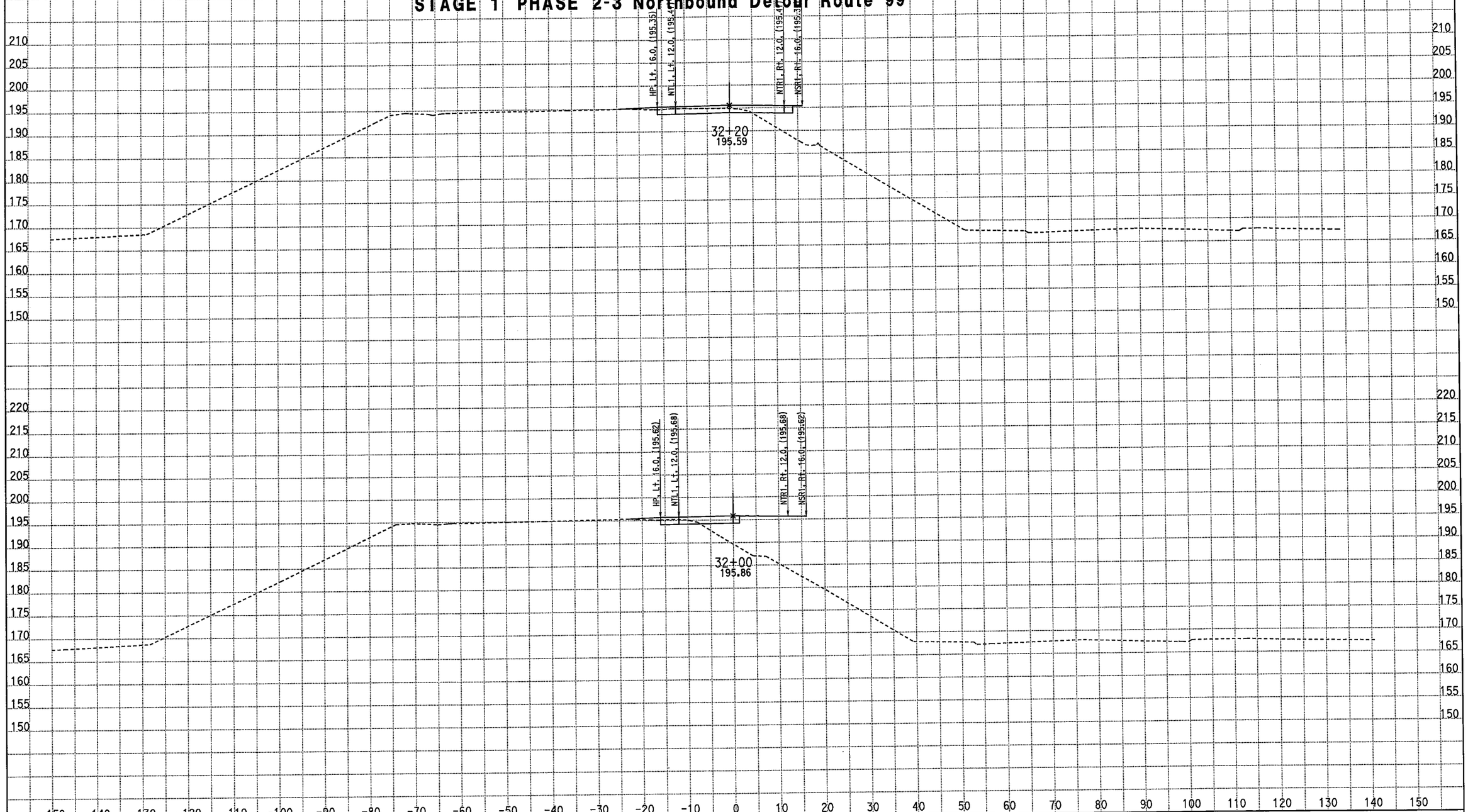
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 68 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

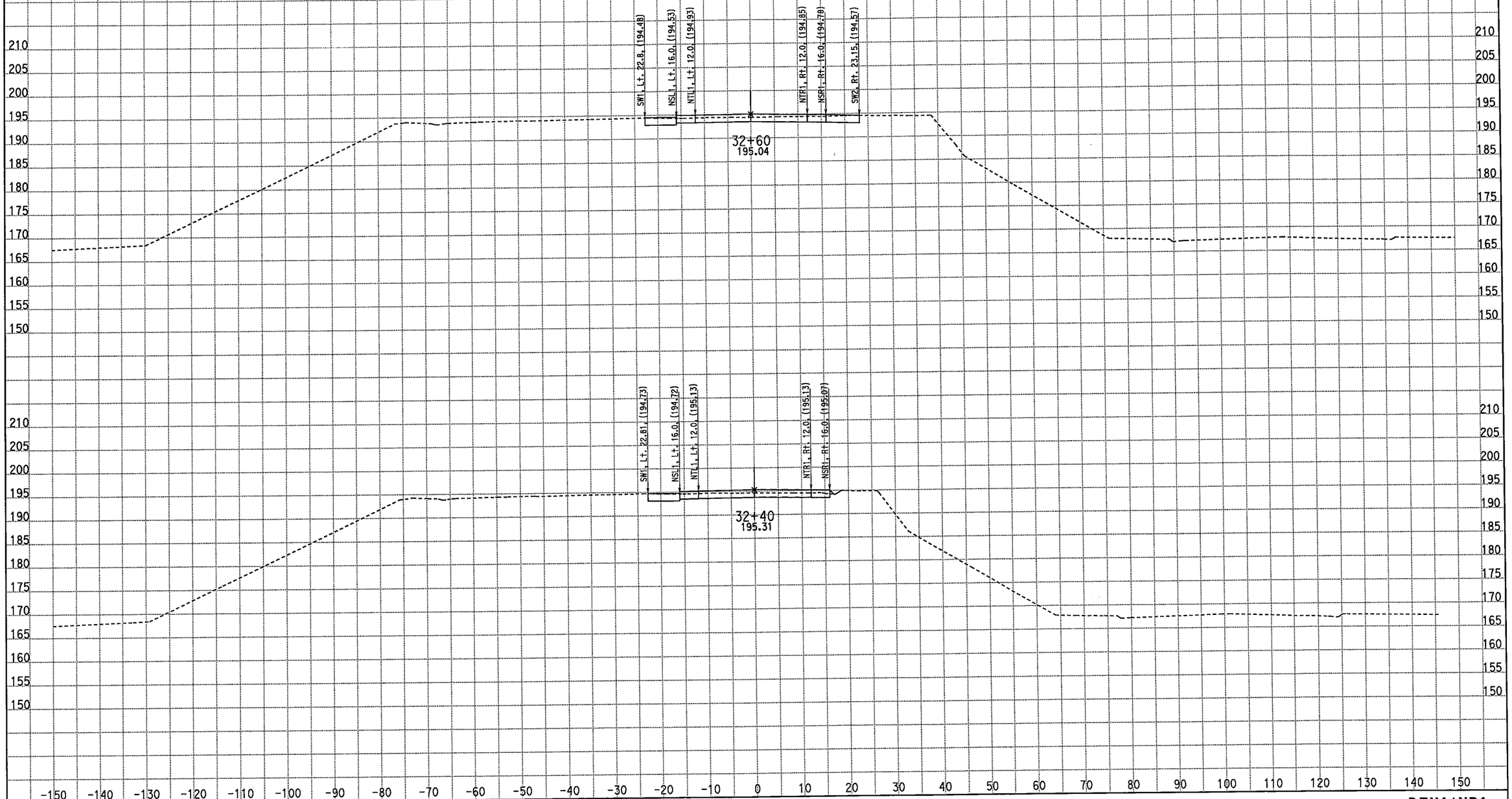
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 69 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

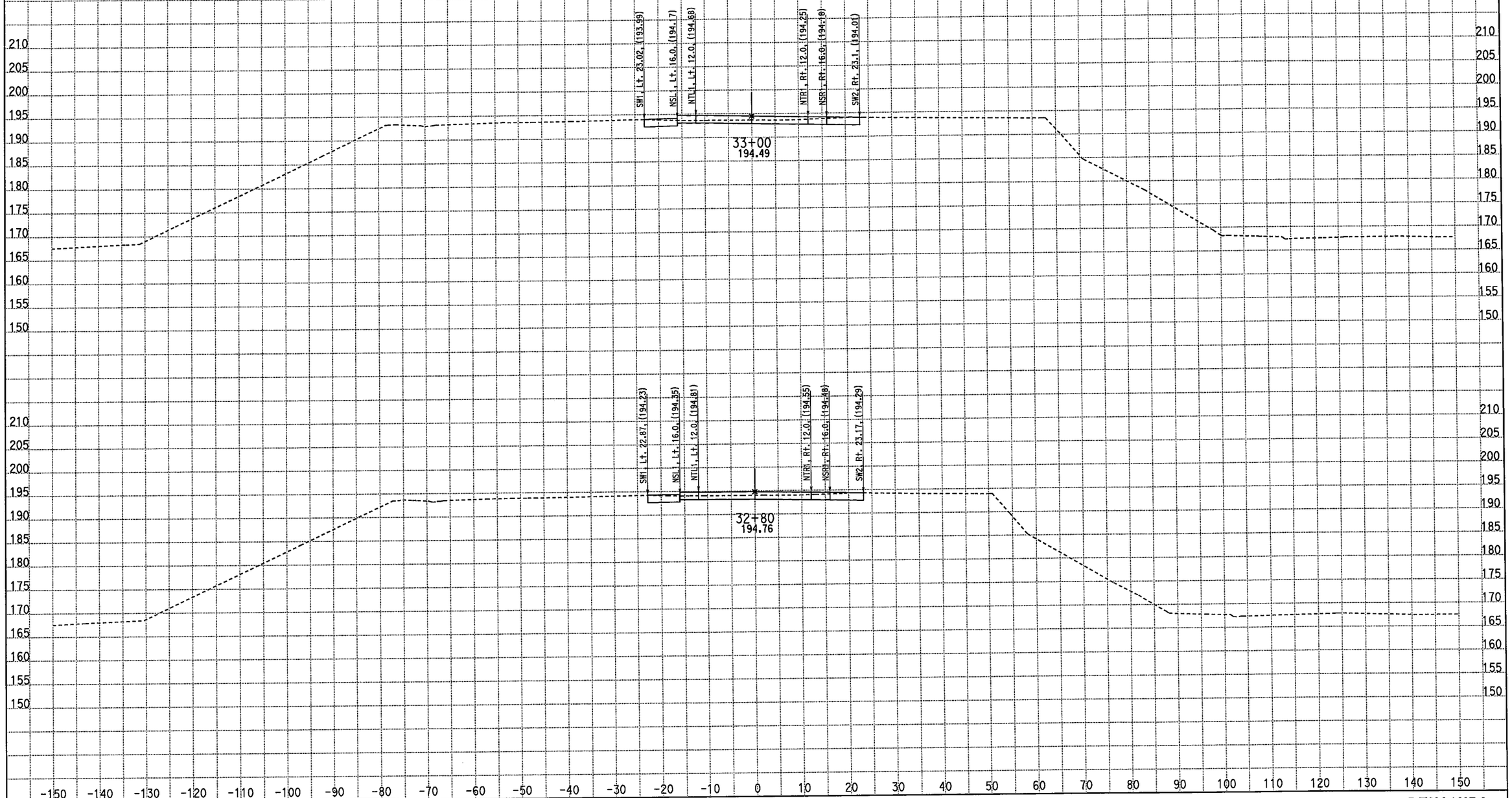
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

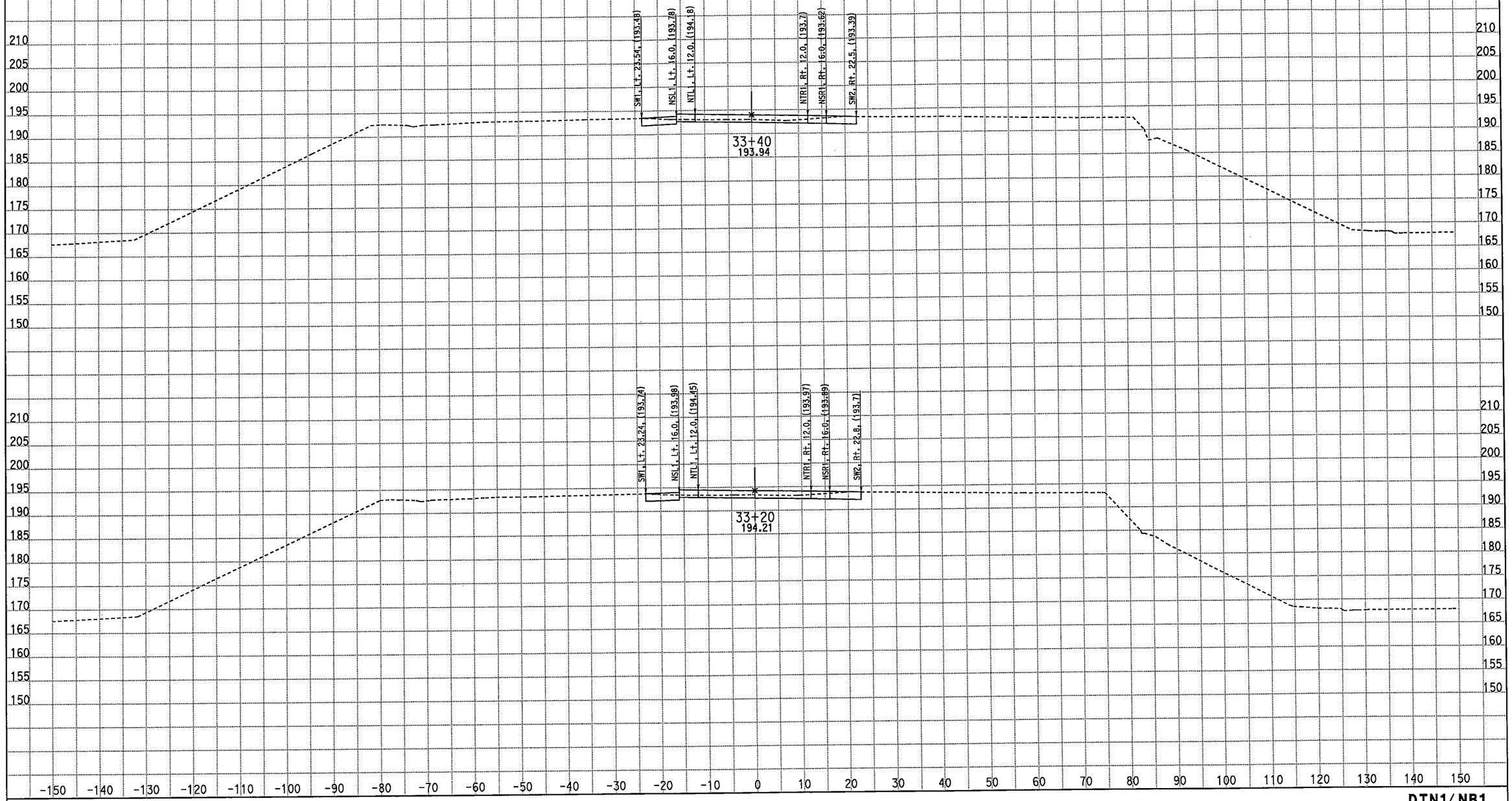
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 71 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

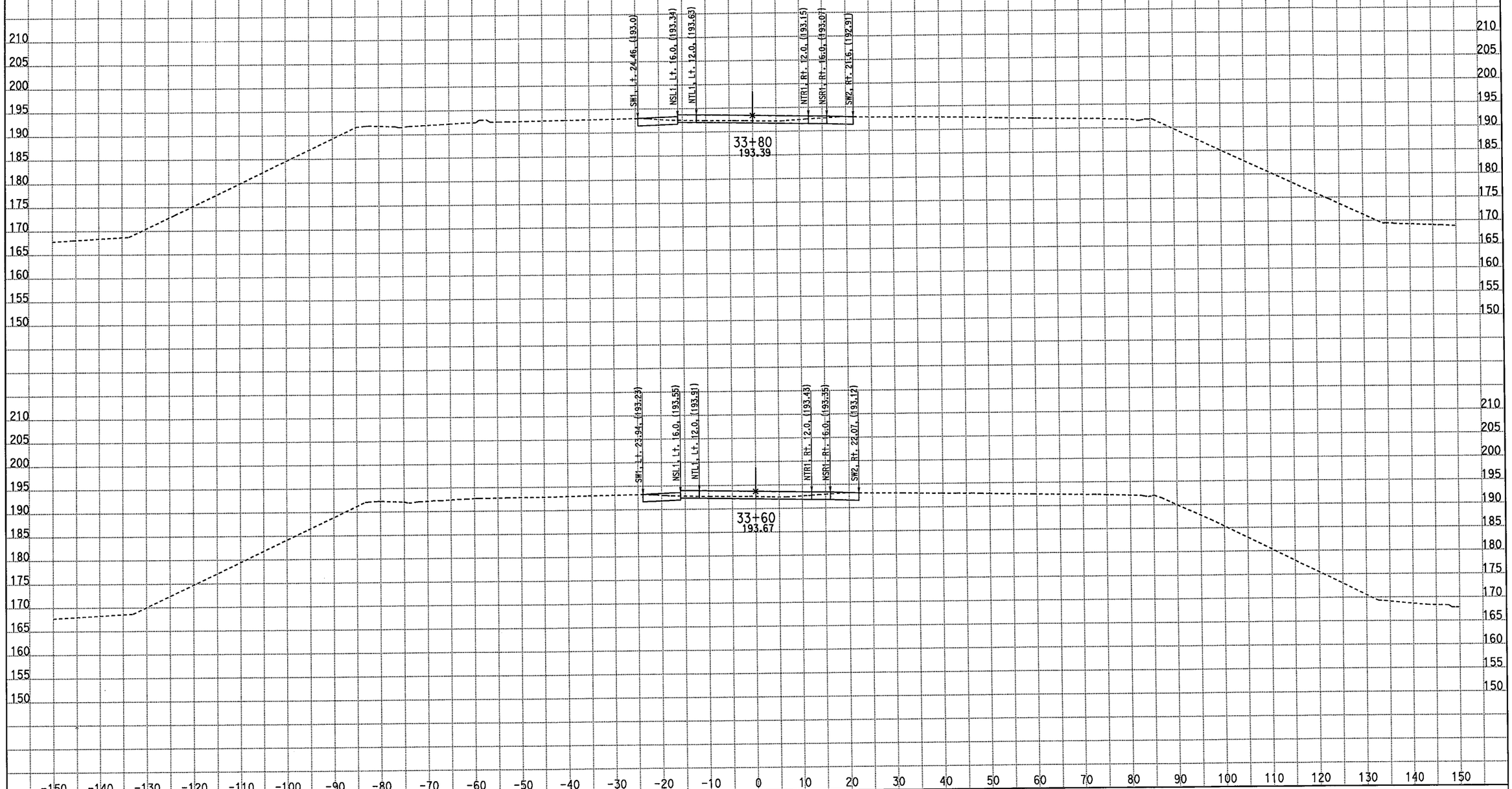
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

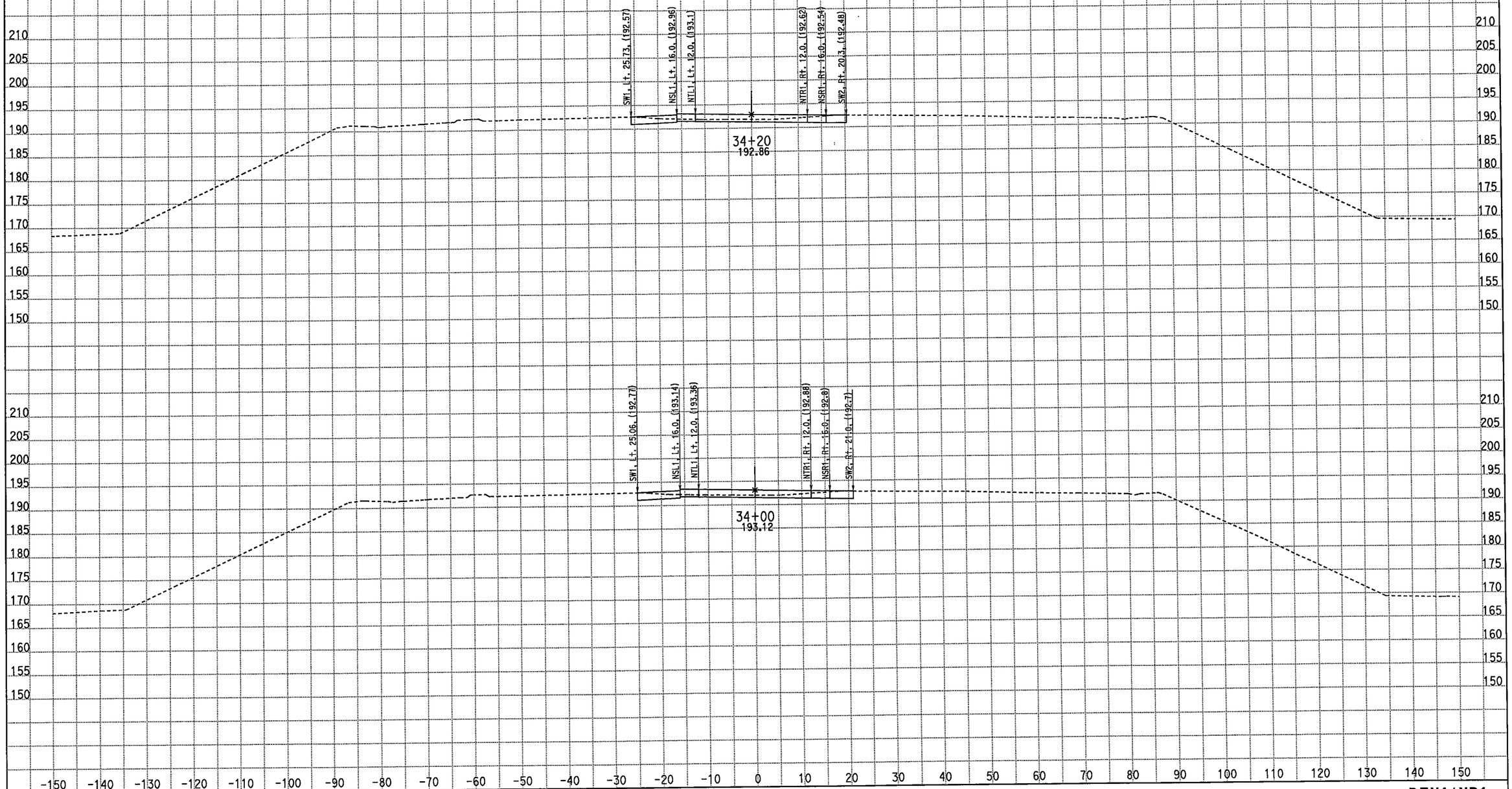
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 73 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

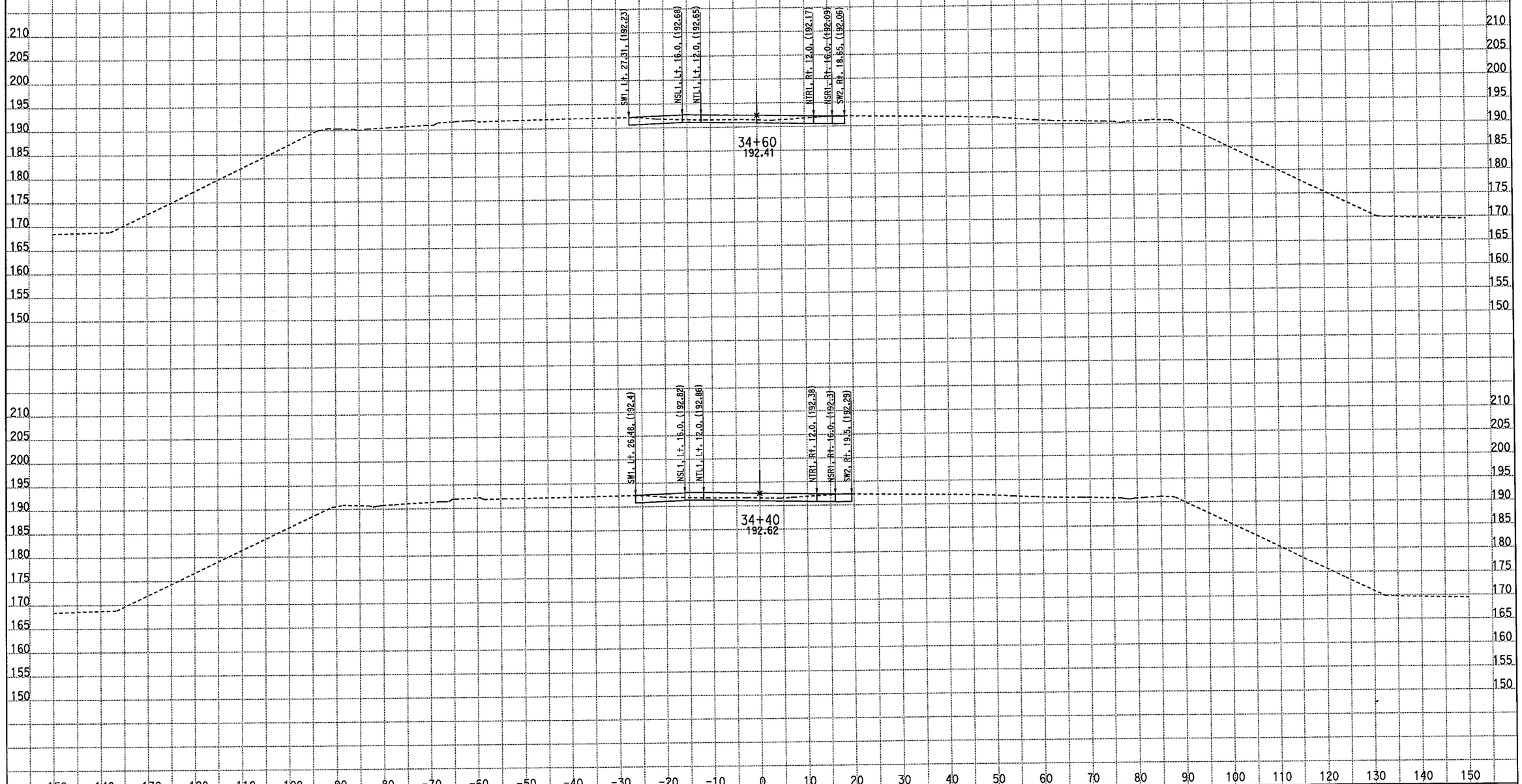
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 74 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

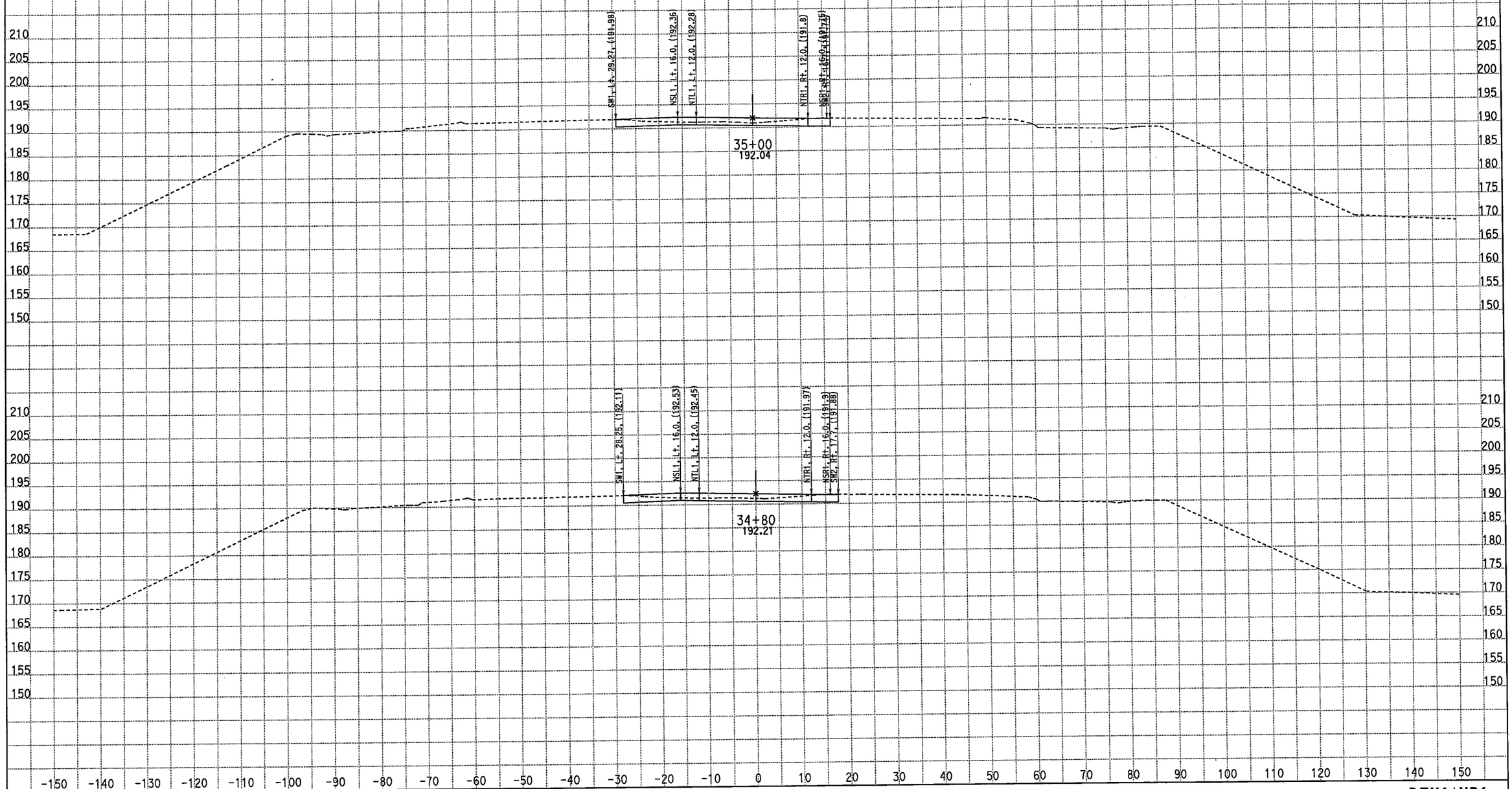
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 75 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

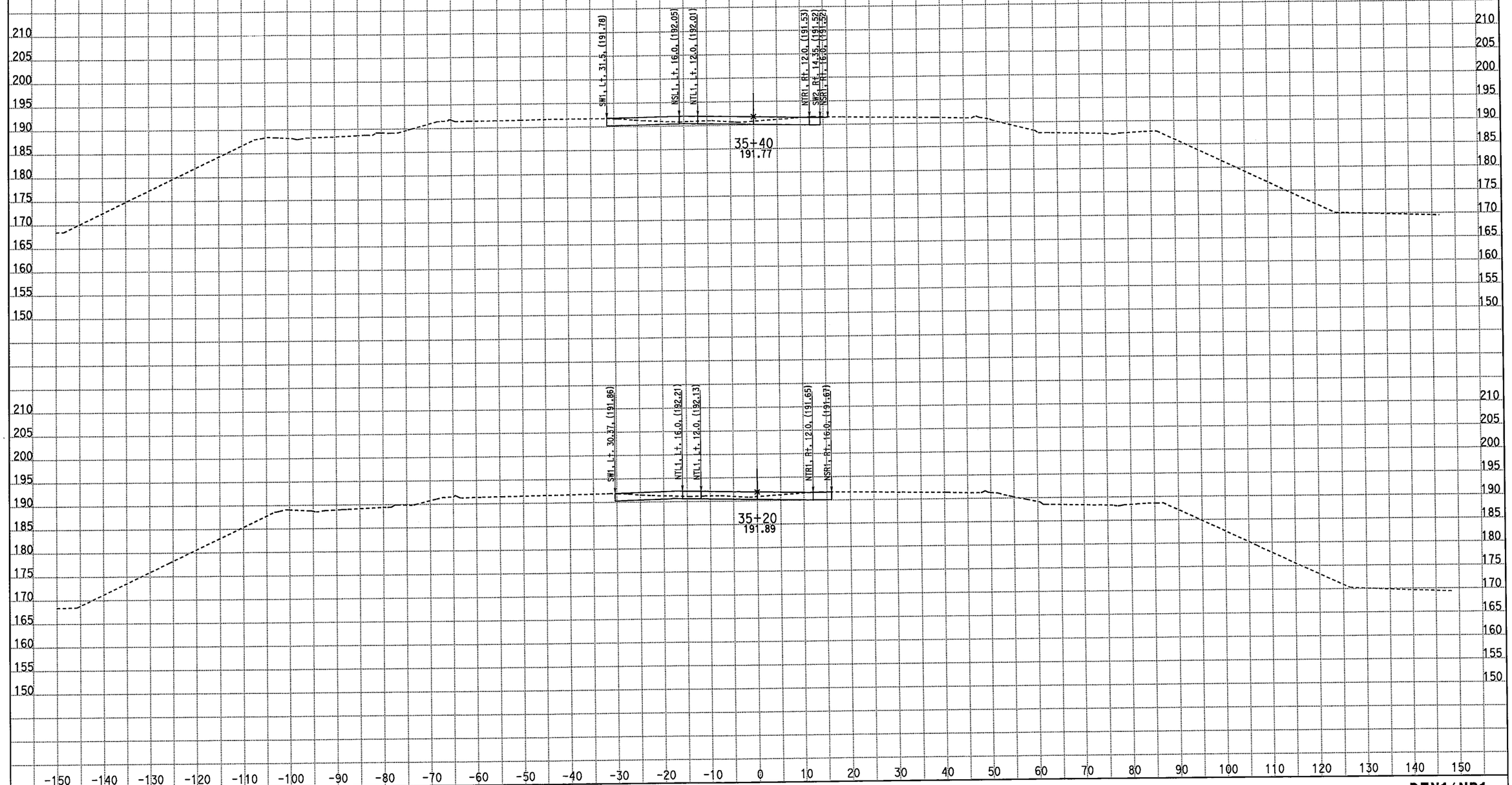
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 76 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

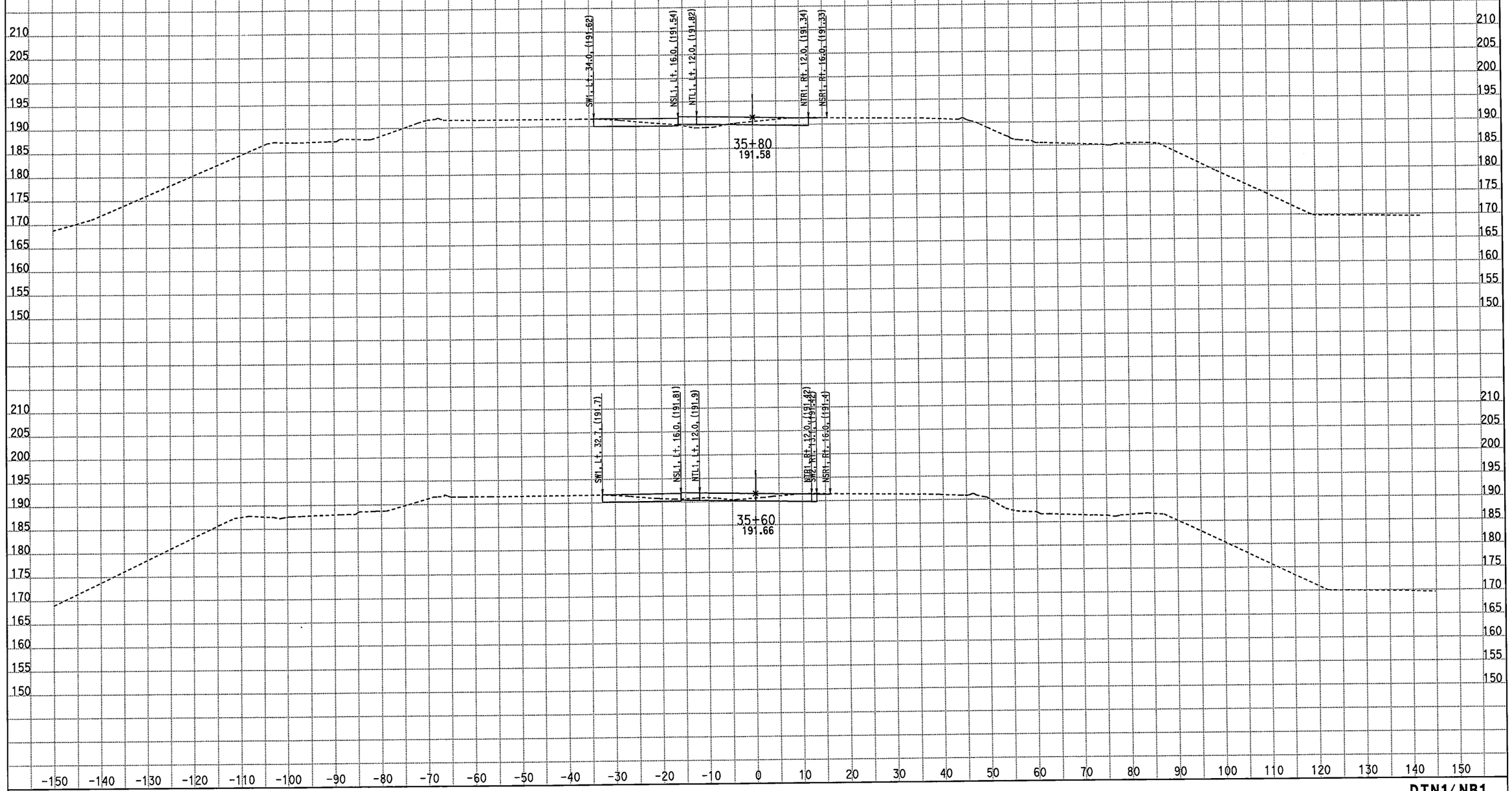
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 77 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

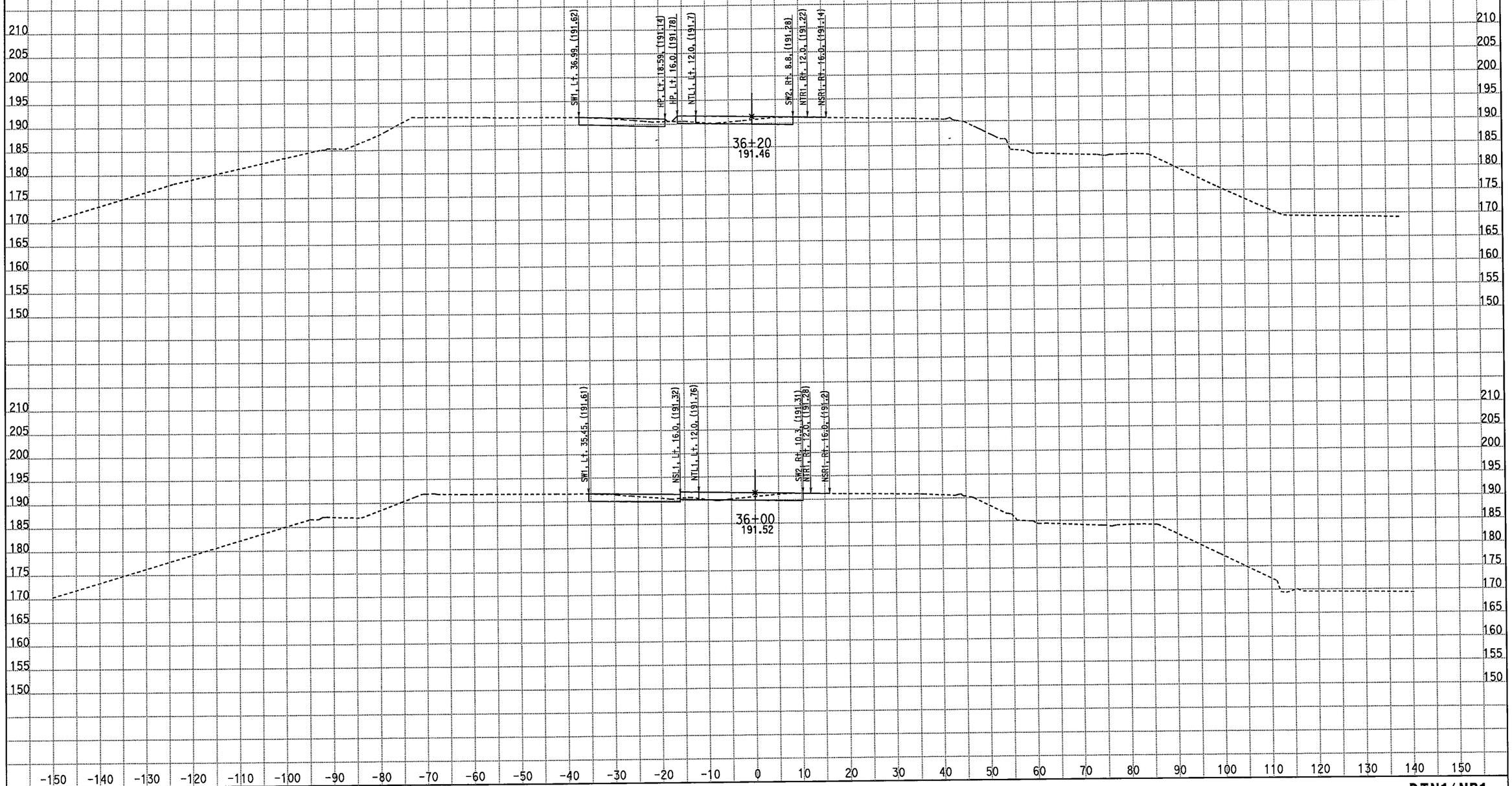
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

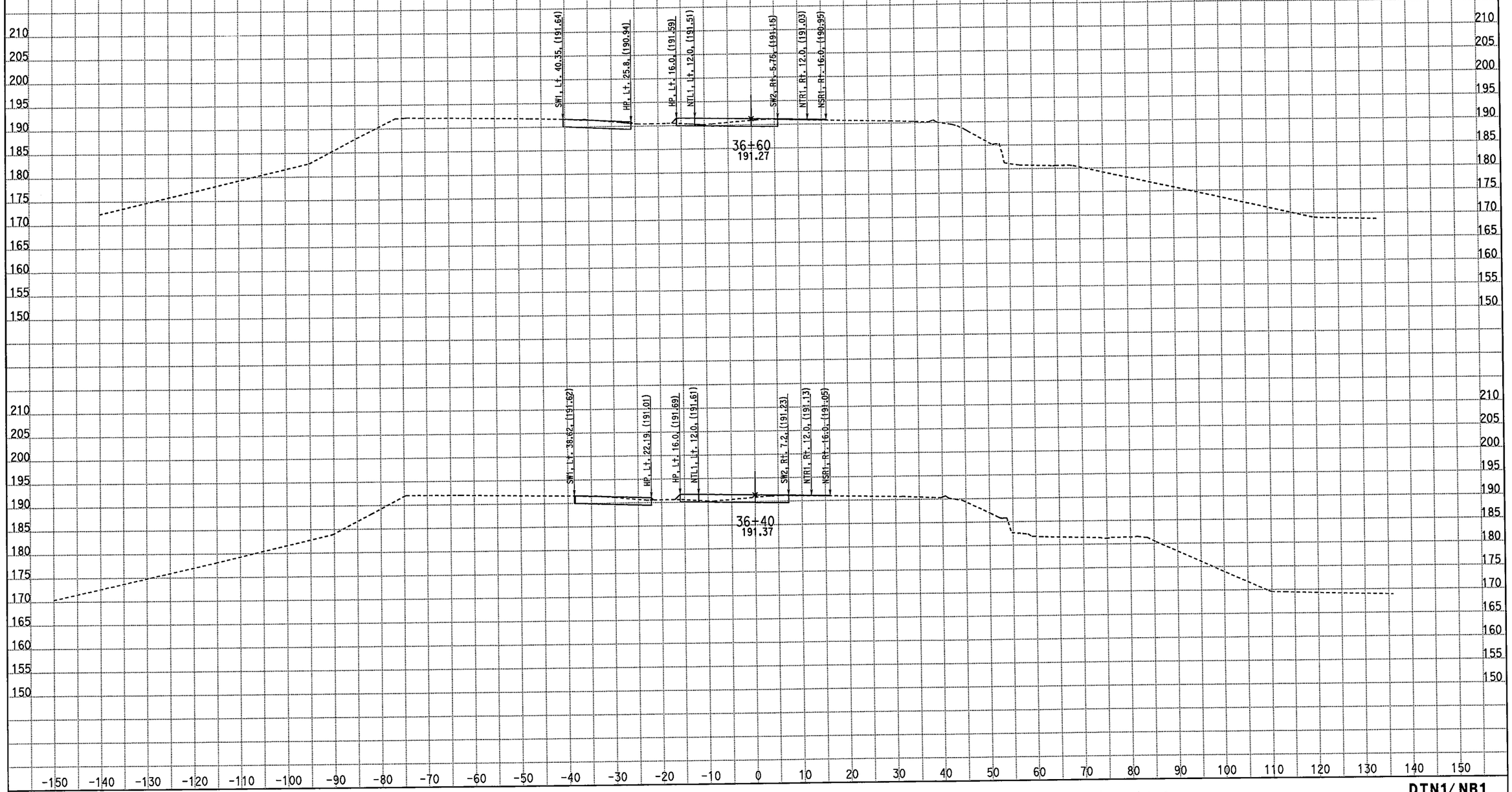
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 79 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

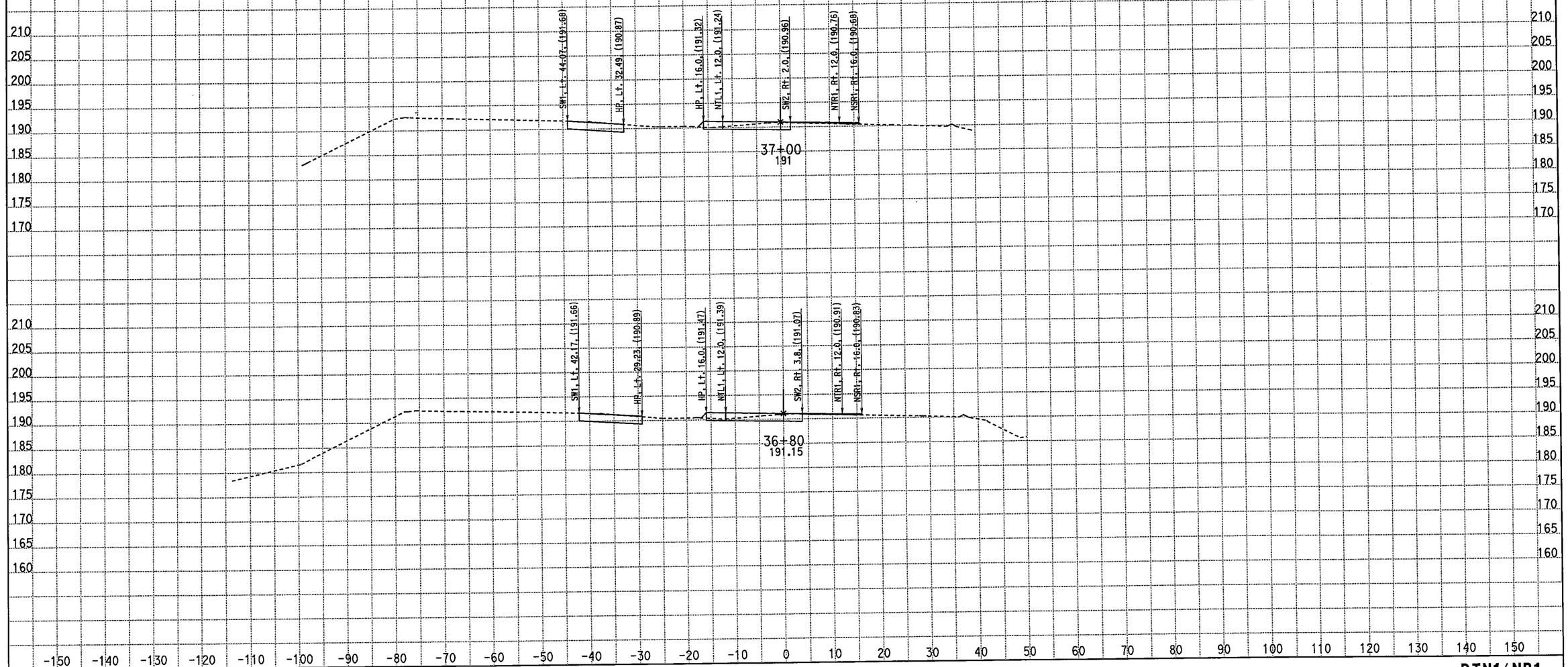
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

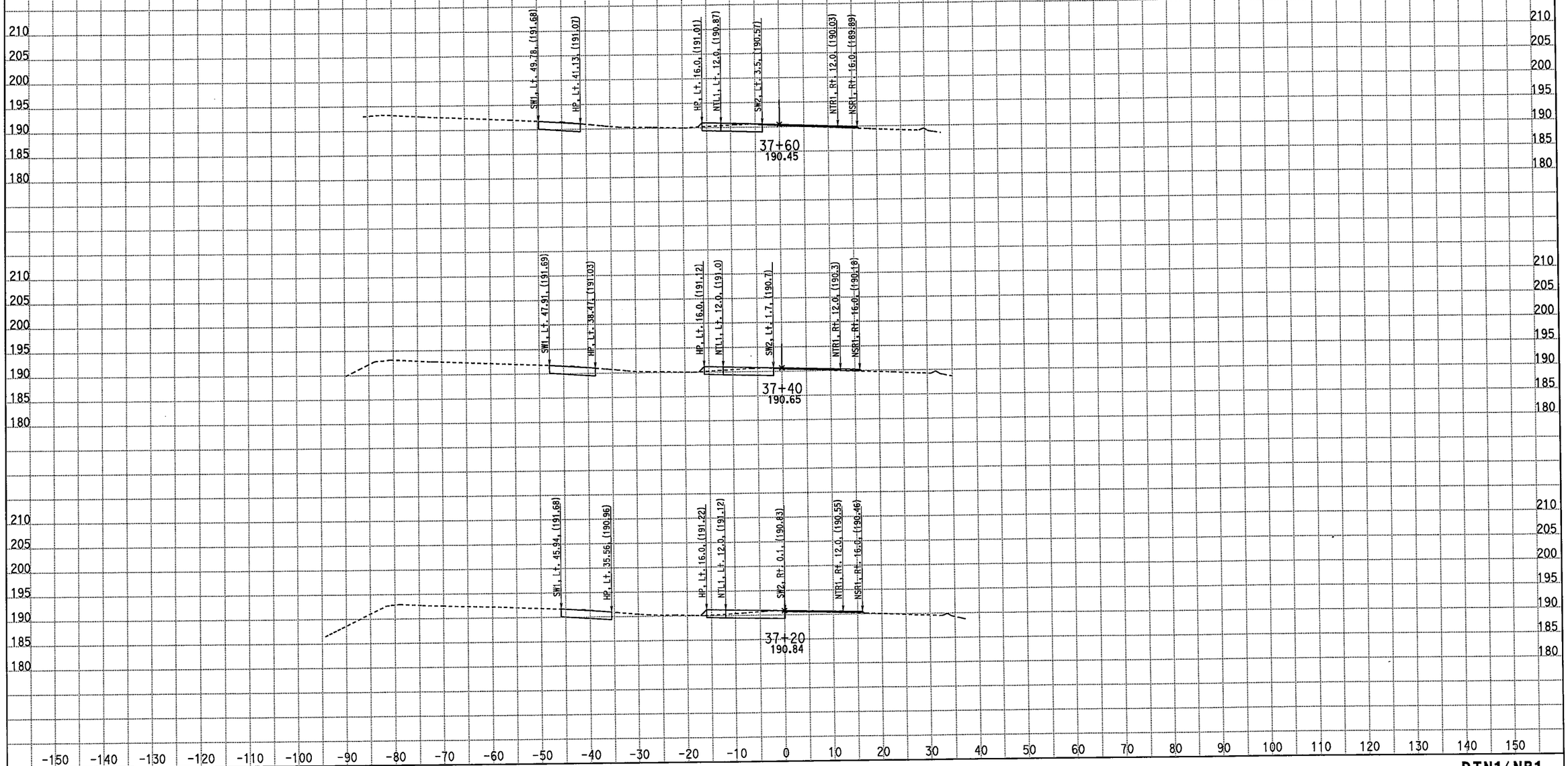
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 81 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

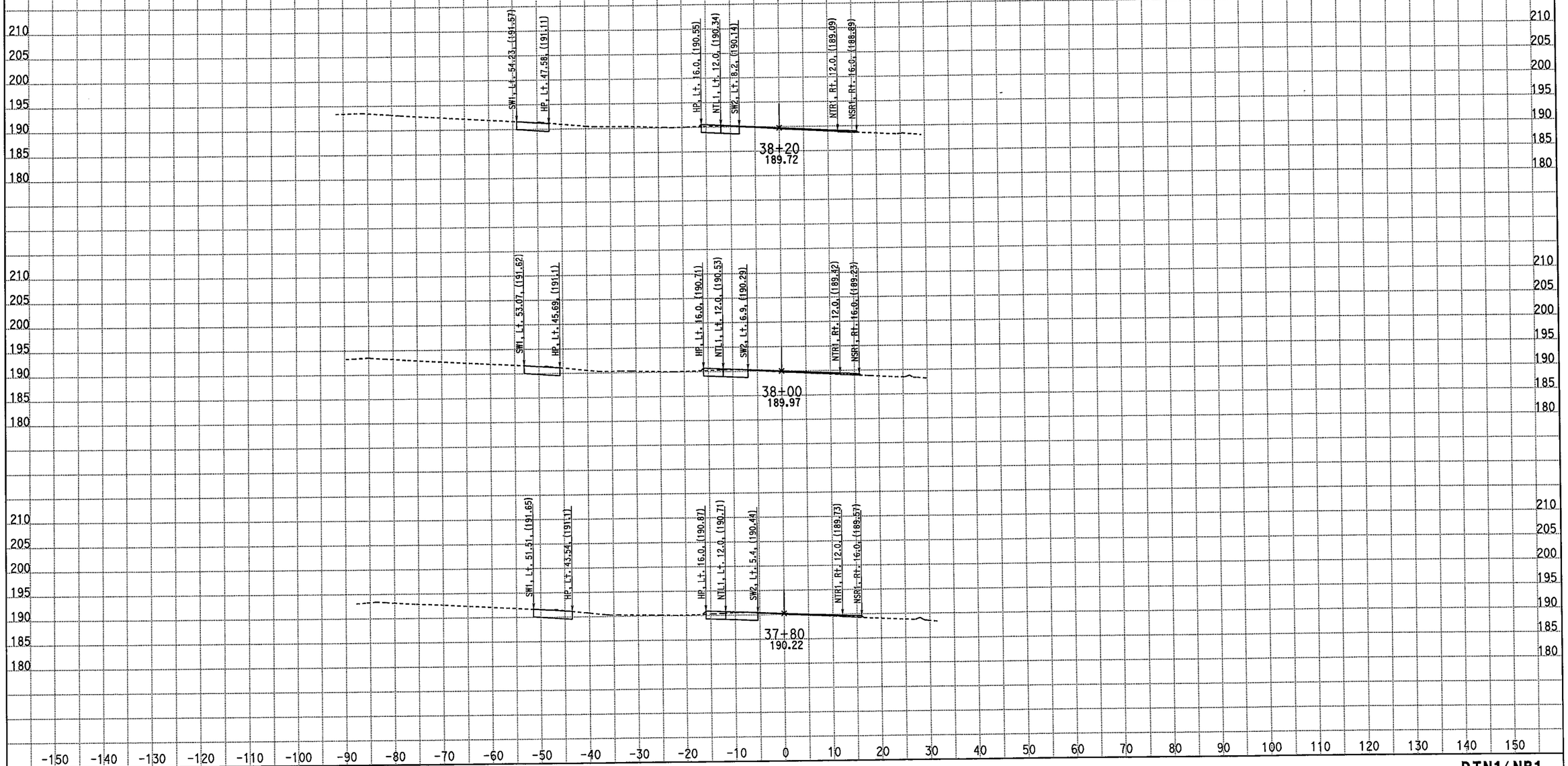
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 82 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

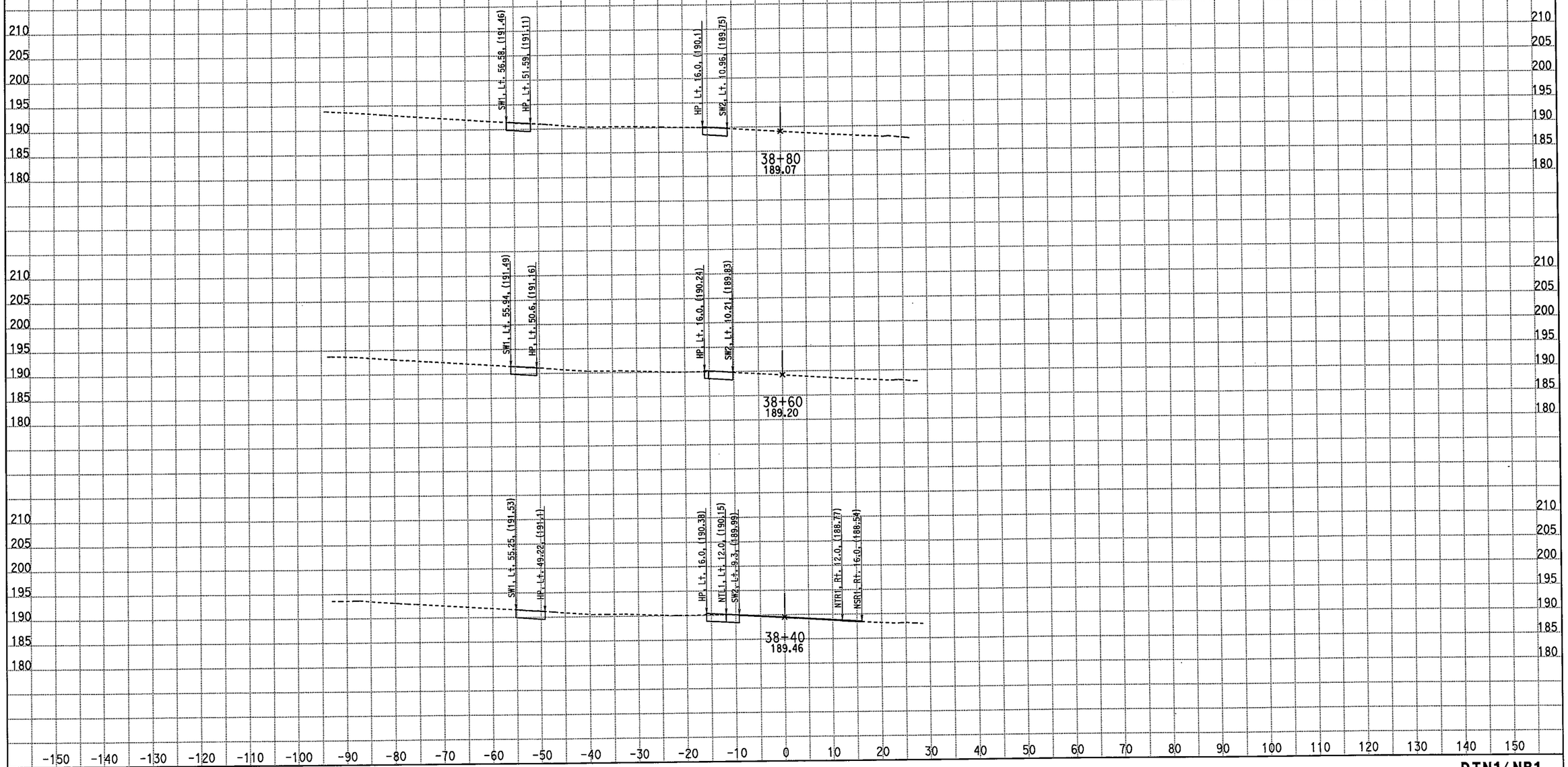
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

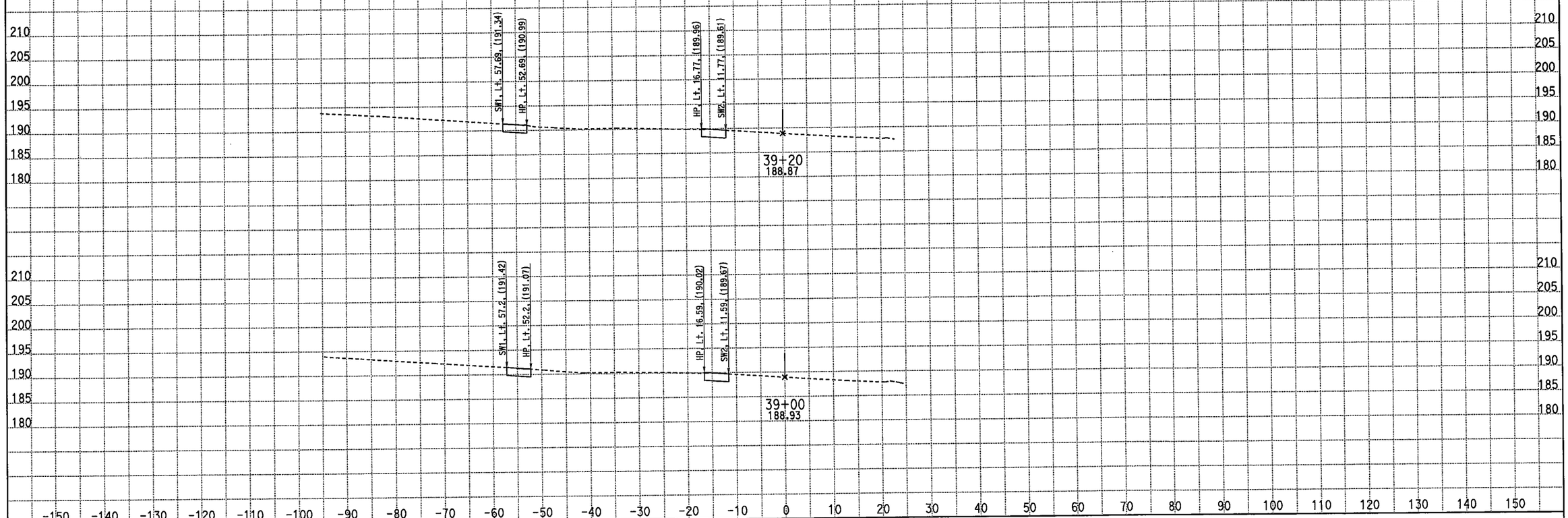
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DTN1/NB1
CROSS SECTIONS
SHEET 84 OF 85

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 1 PHASE 2-3 Northbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\stg1_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

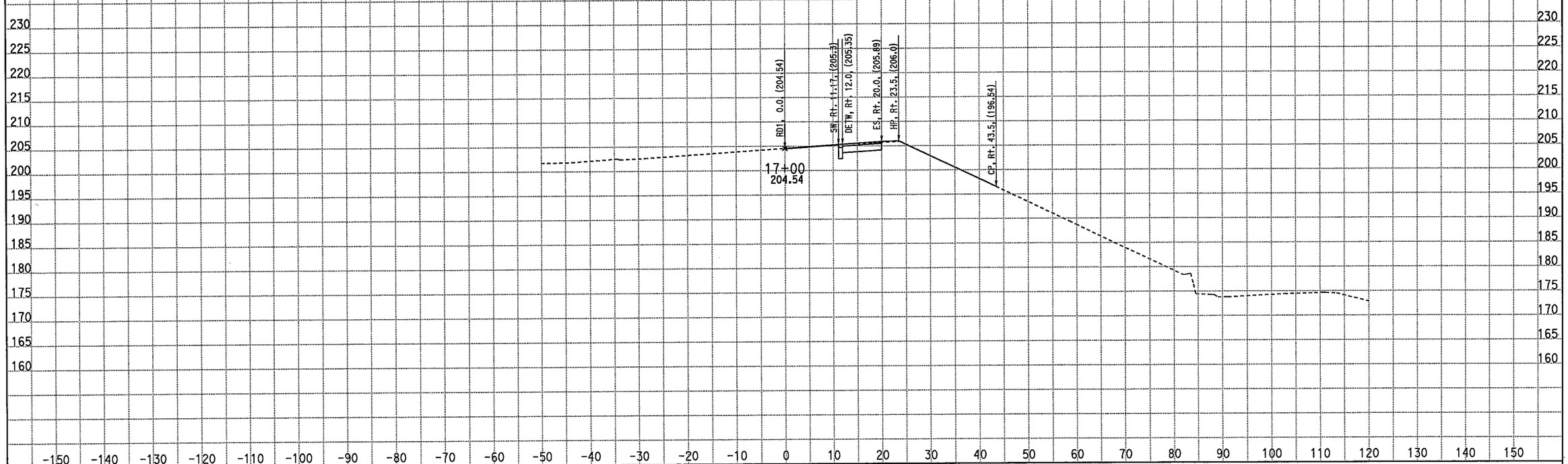
DTN1/NB1
CROSS SECTIONS
SHEET 85 OF 85

STAGE 2

PHASE 1

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rd1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

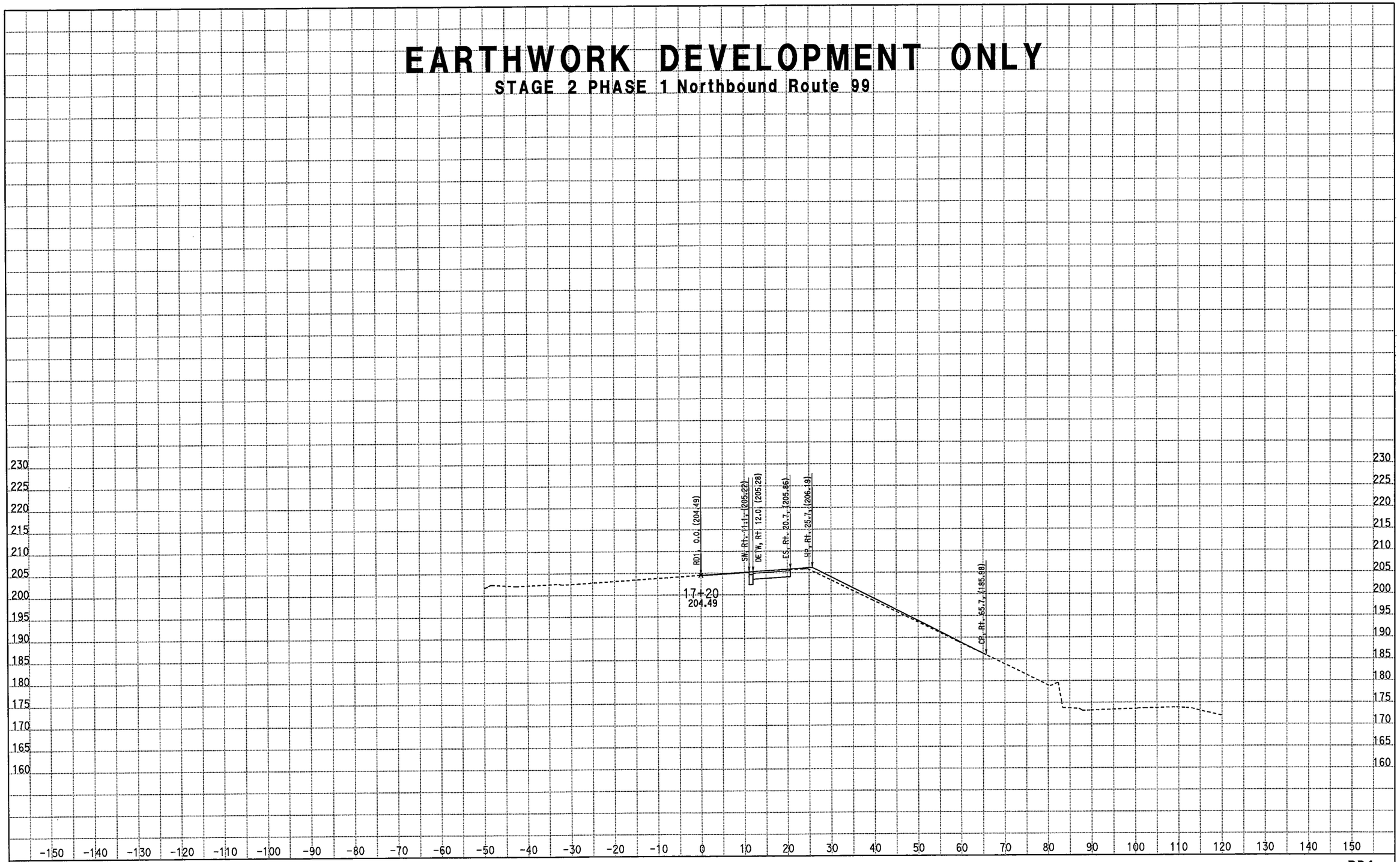
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RD1
CROSS SECTIONS
SHEET 1 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rd1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

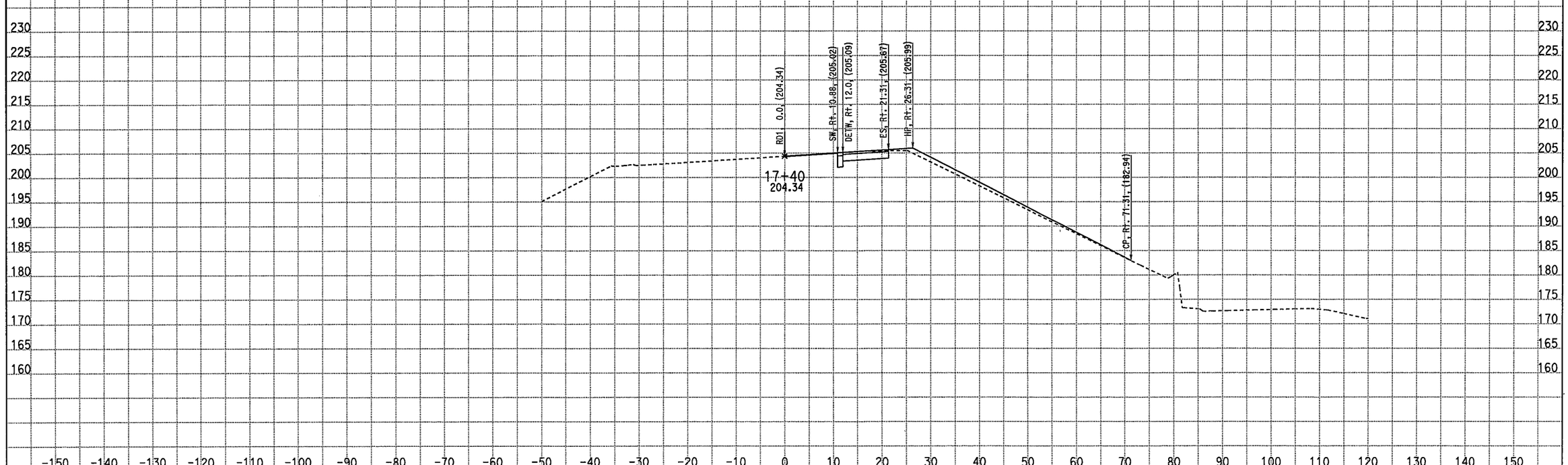
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RD1
CROSS SECTIONS
SHEET 2 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rd1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

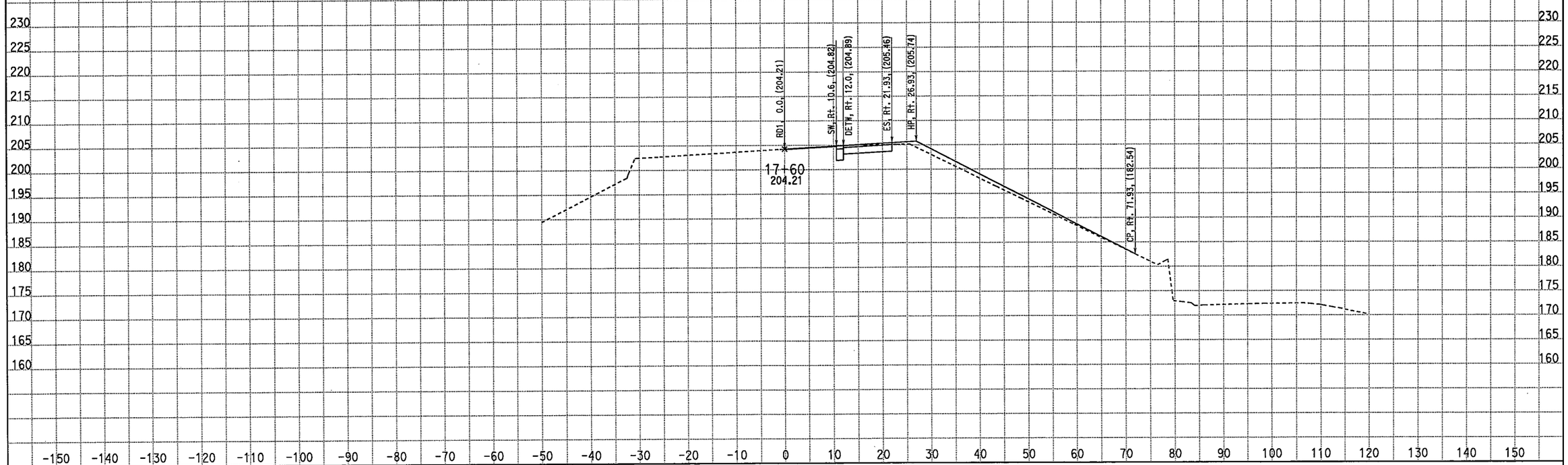
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RD1
CROSS SECTIONS
SHEET 3 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

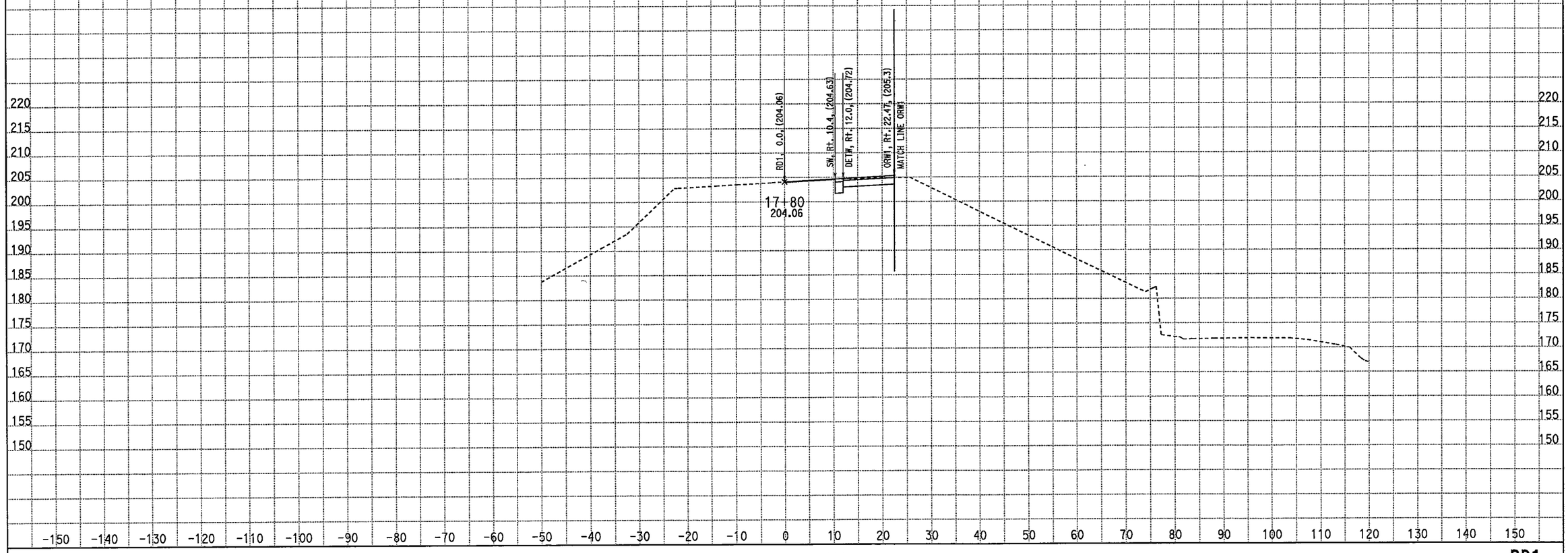
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RD1
CROSS SECTIONS
SHEET 4 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rd1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

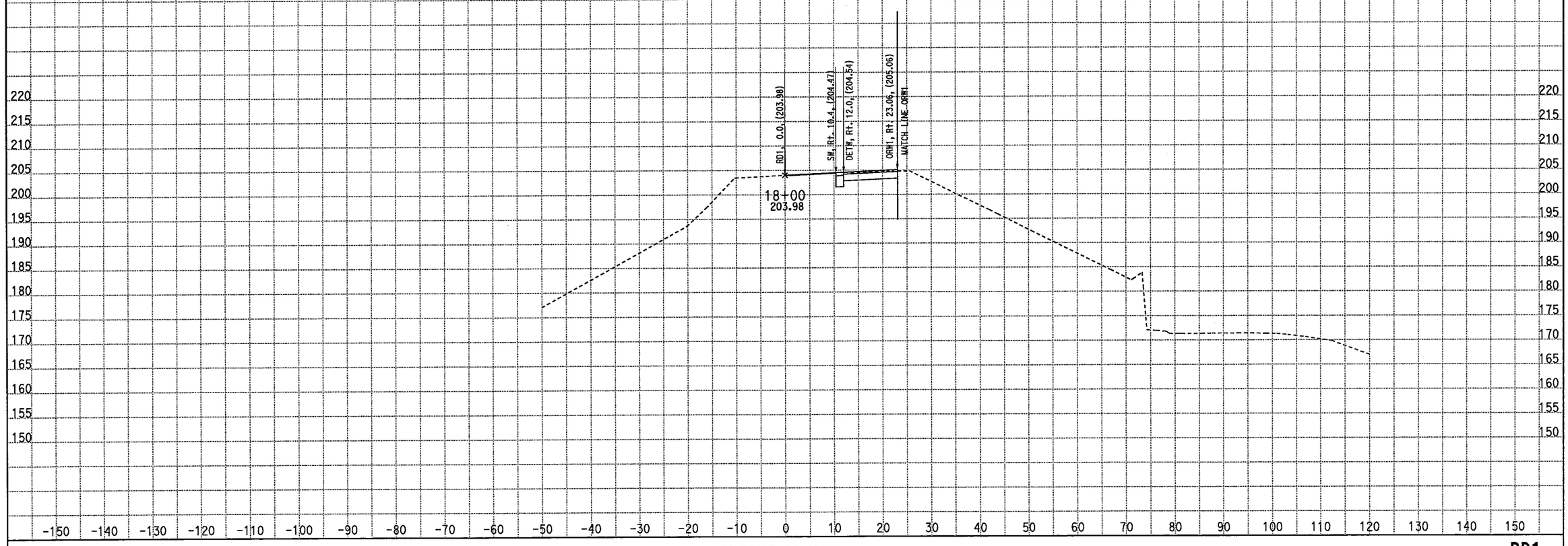
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RD1
CROSS SECTIONS
SHEET 5 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rd1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

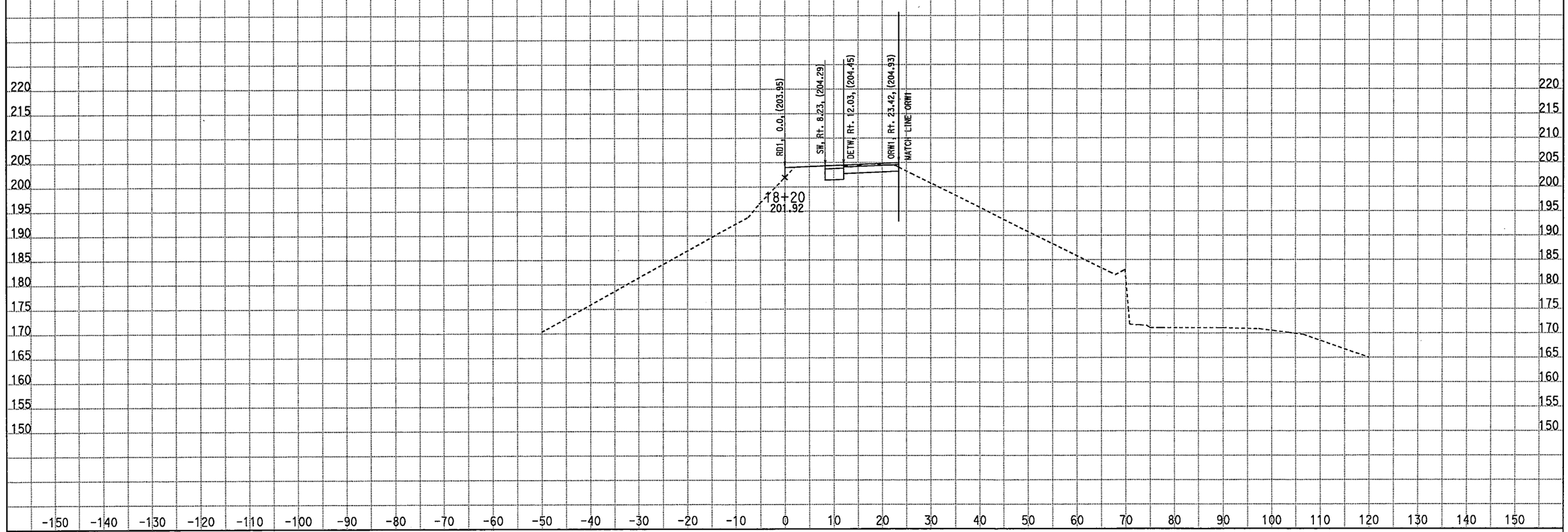
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RD1
CROSS SECTIONS
SHEET 6 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rd1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

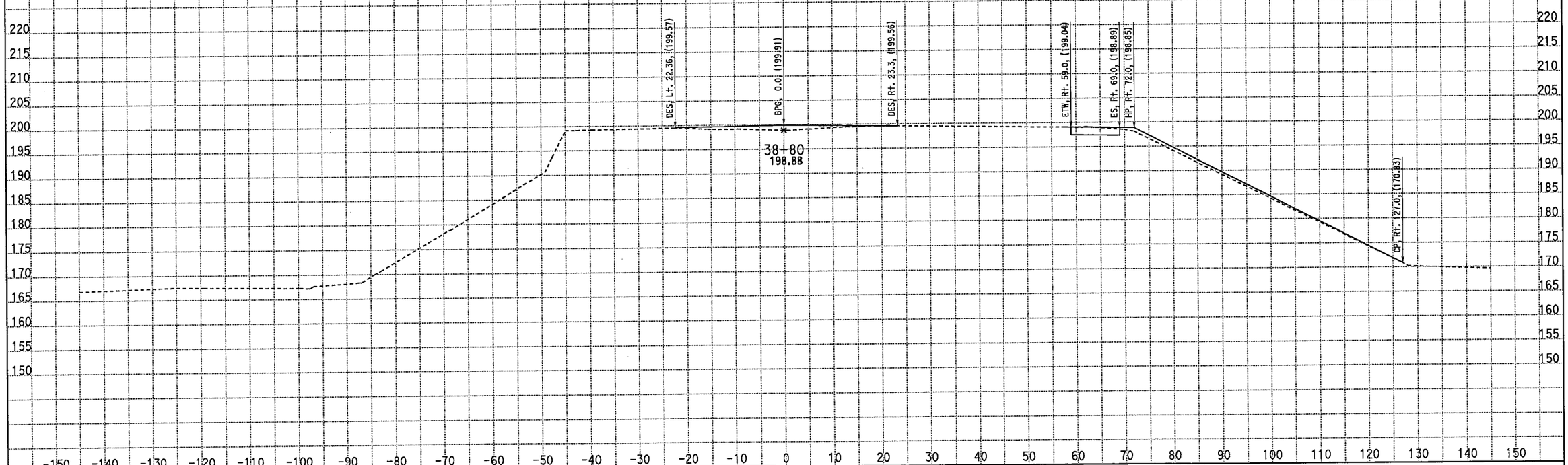
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RD1
CROSS SECTIONS
SHEET 7 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

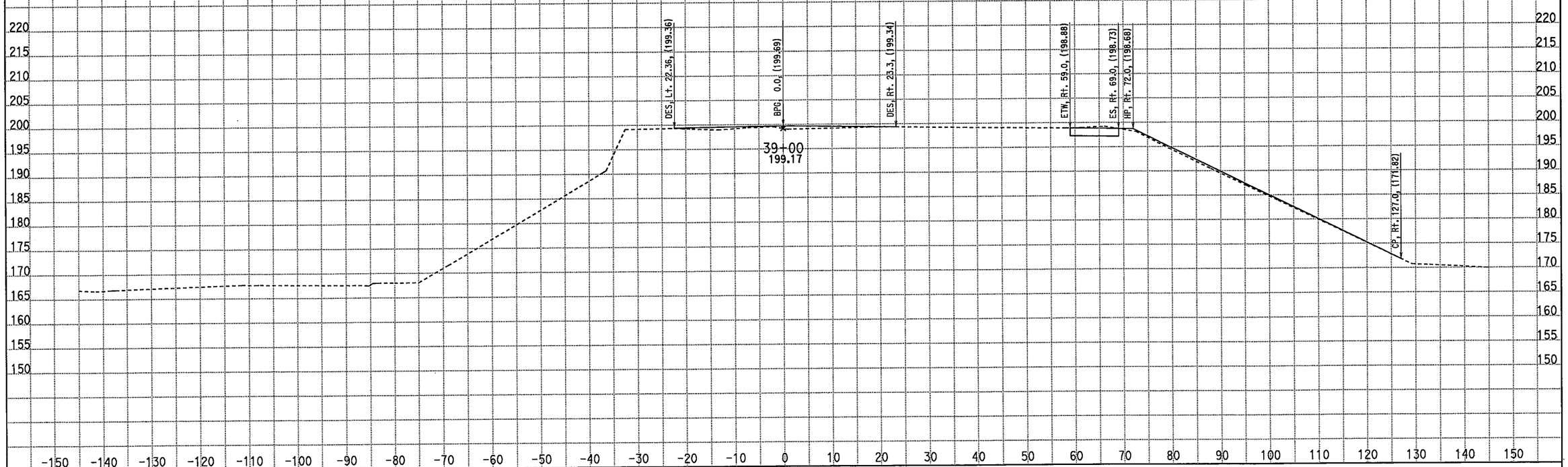
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 1 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desmd.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

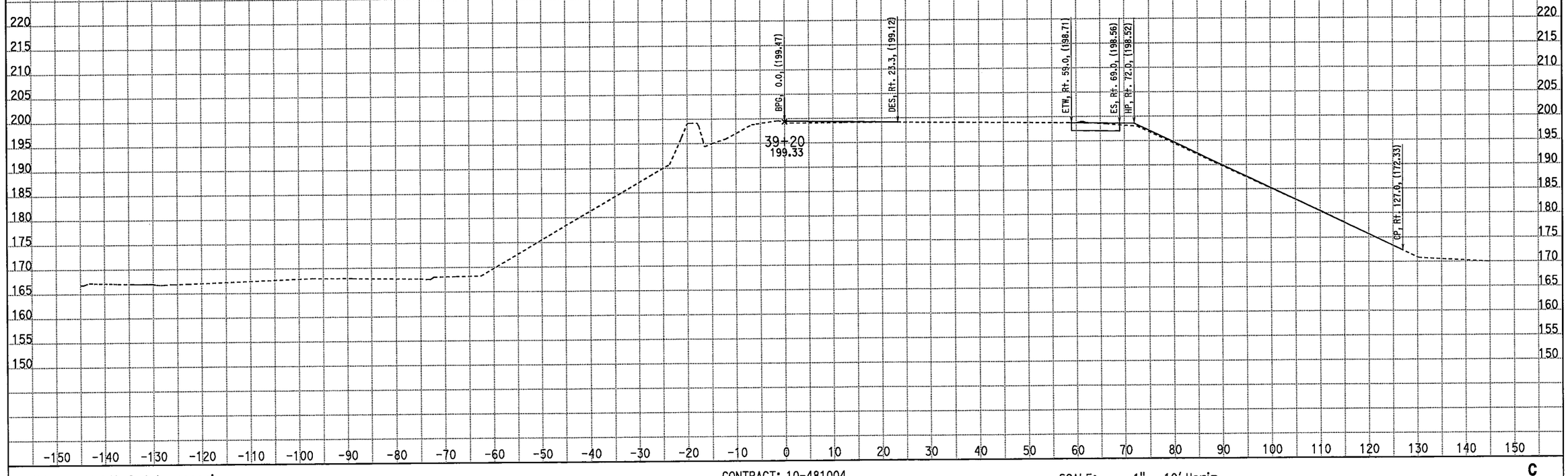
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 2 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desmd.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

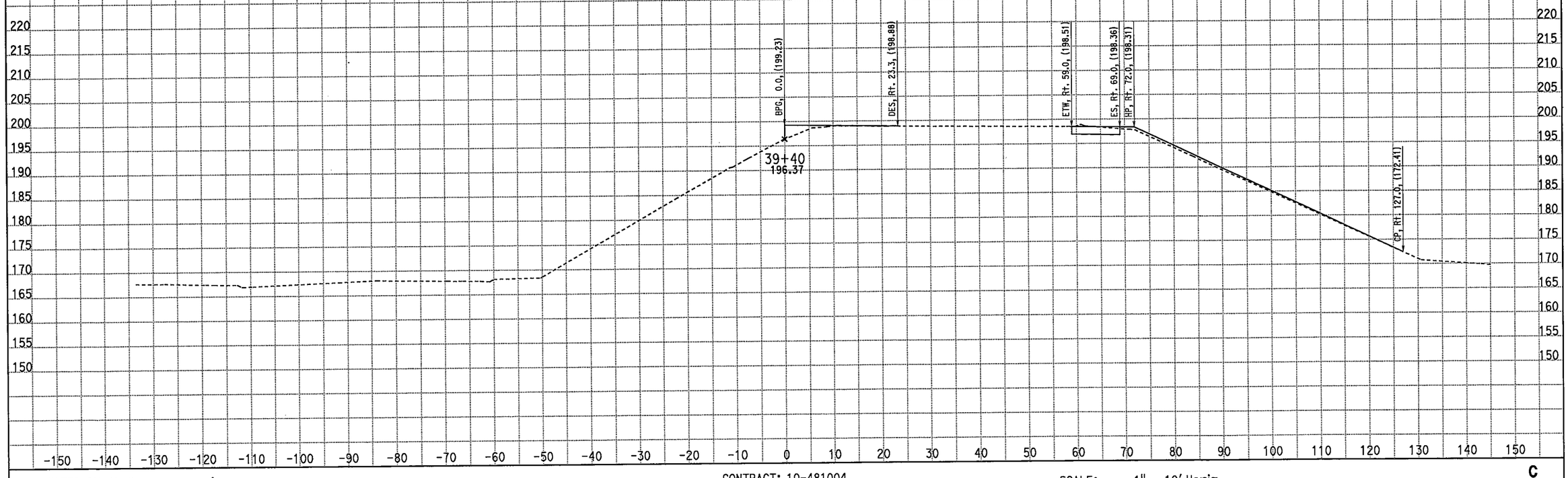
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 3 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

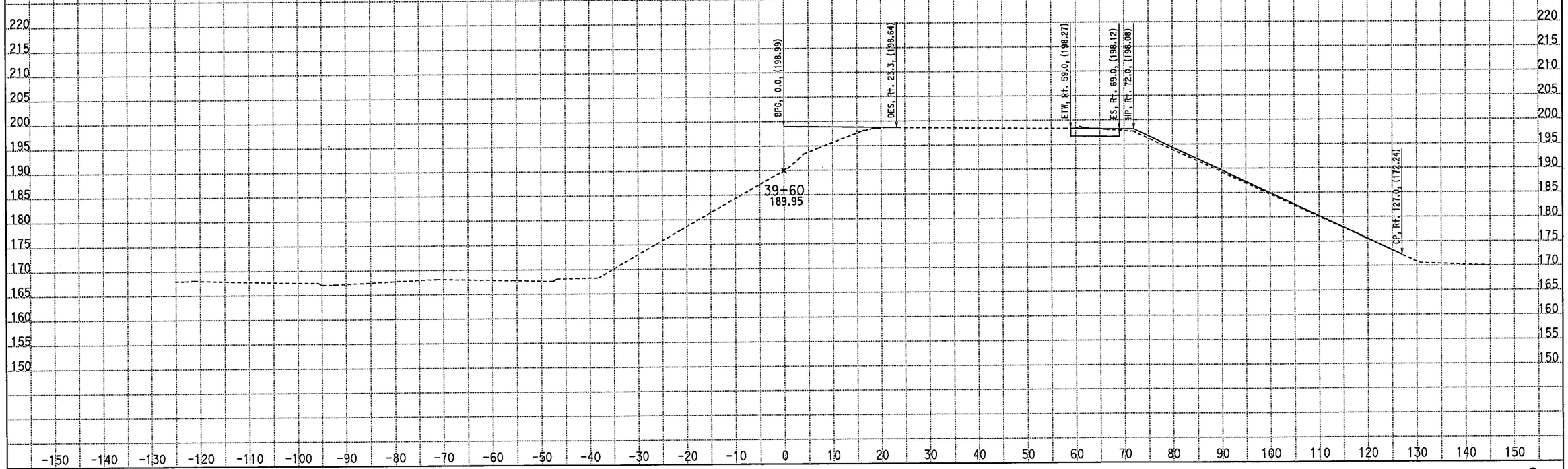
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 4 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Route 99



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DATE: 4/22/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

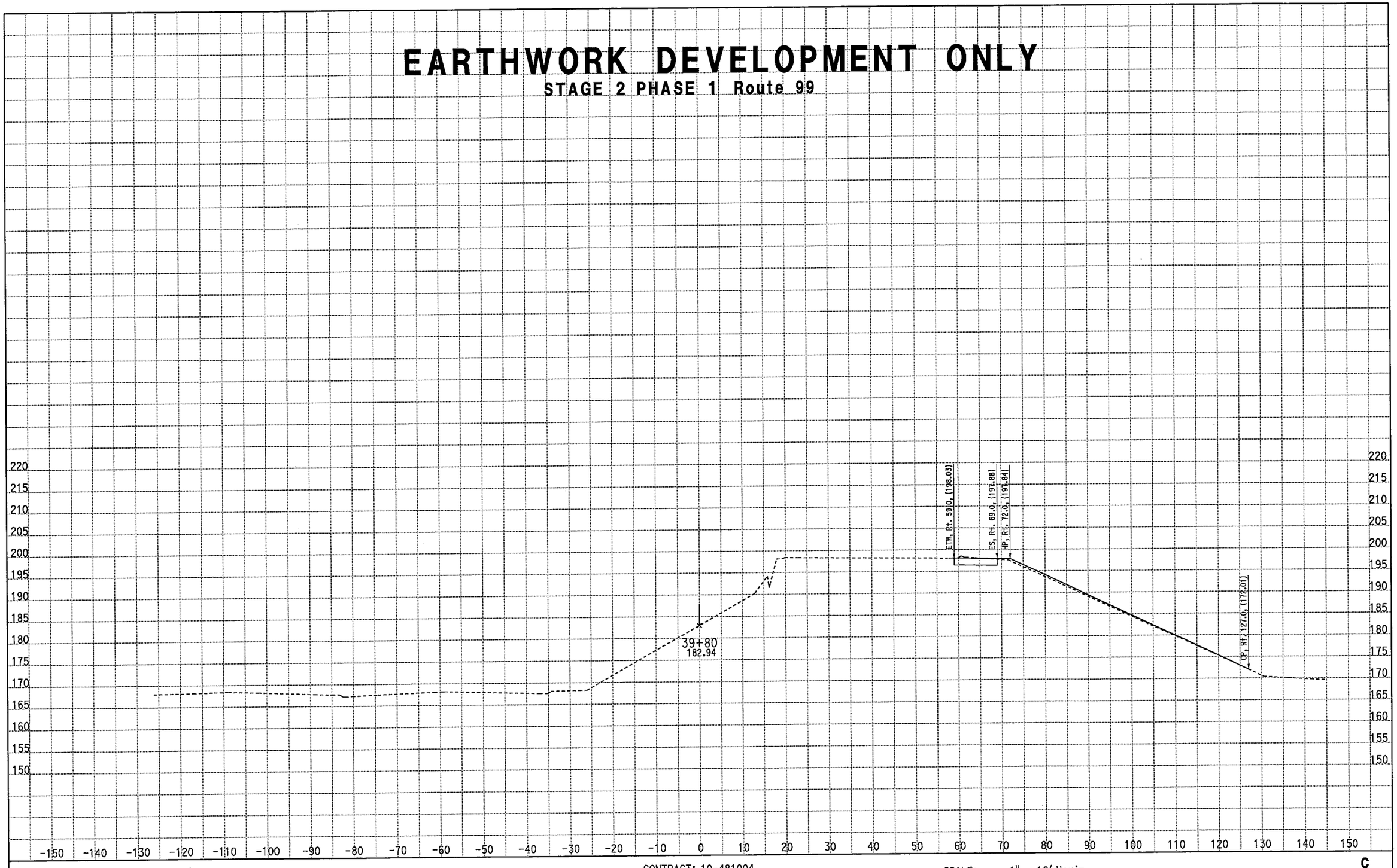
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 5 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

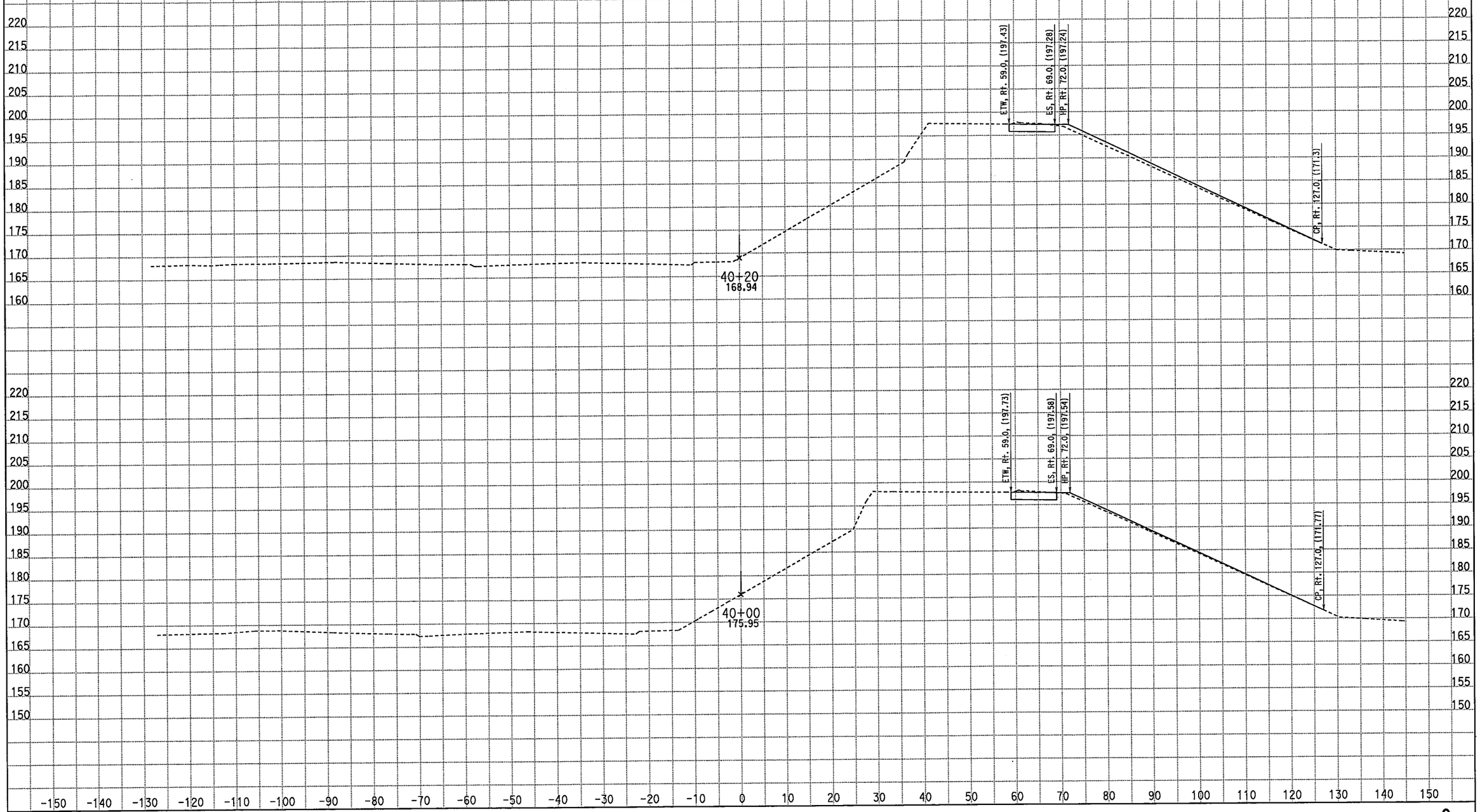
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 6 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

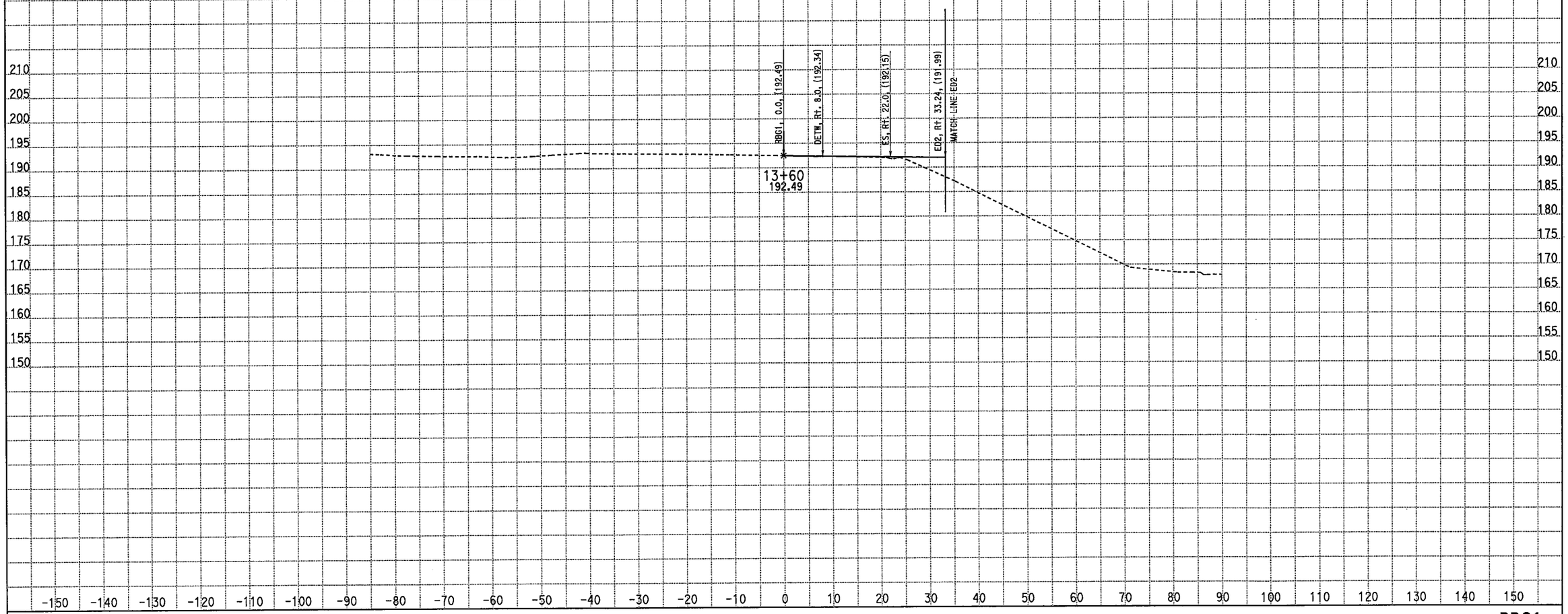
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 7 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rbg1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

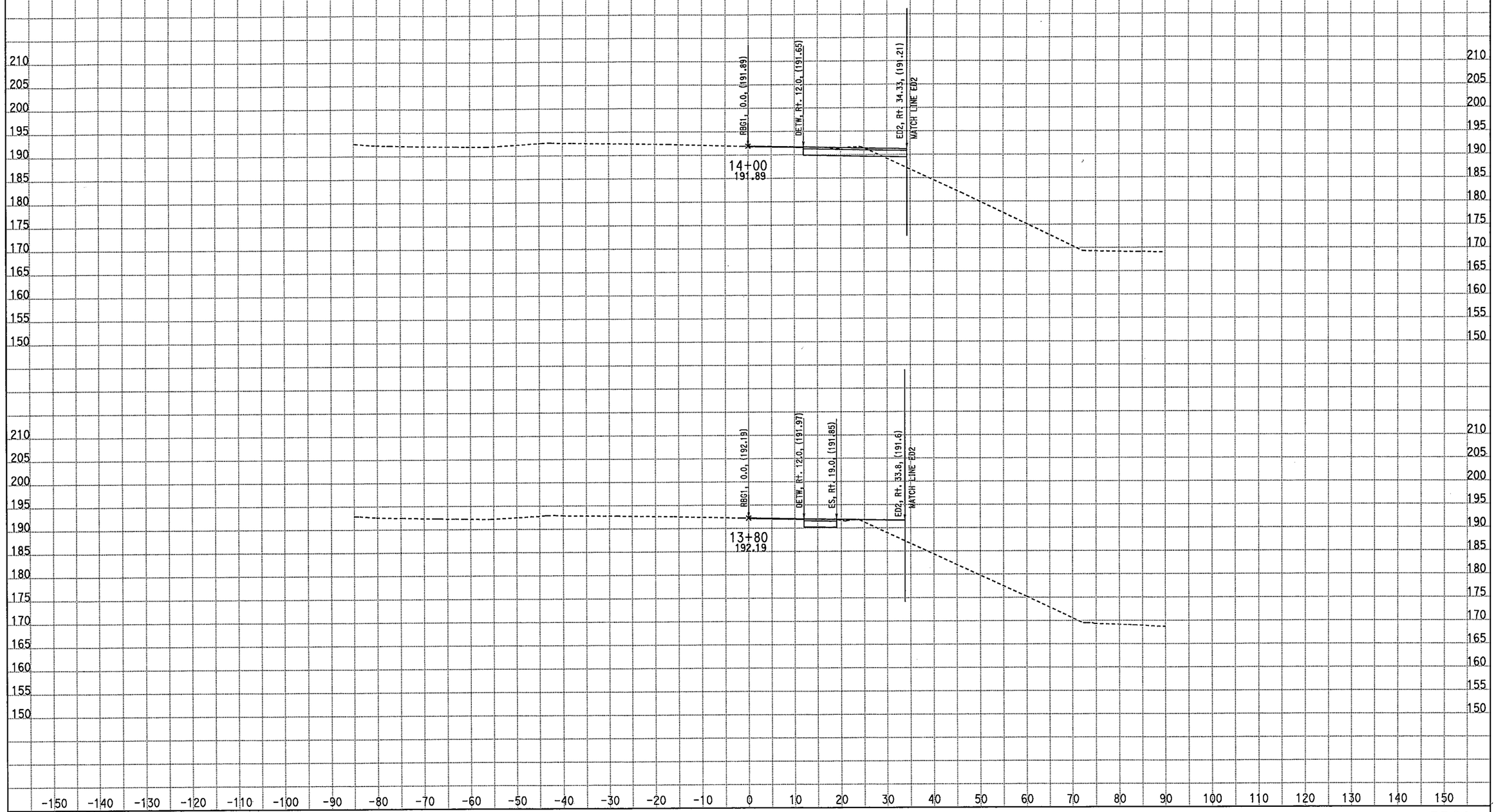
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RBG1
CROSS SECTIONS
SHEET 1 OF 2

EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 1 Northbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rbg1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

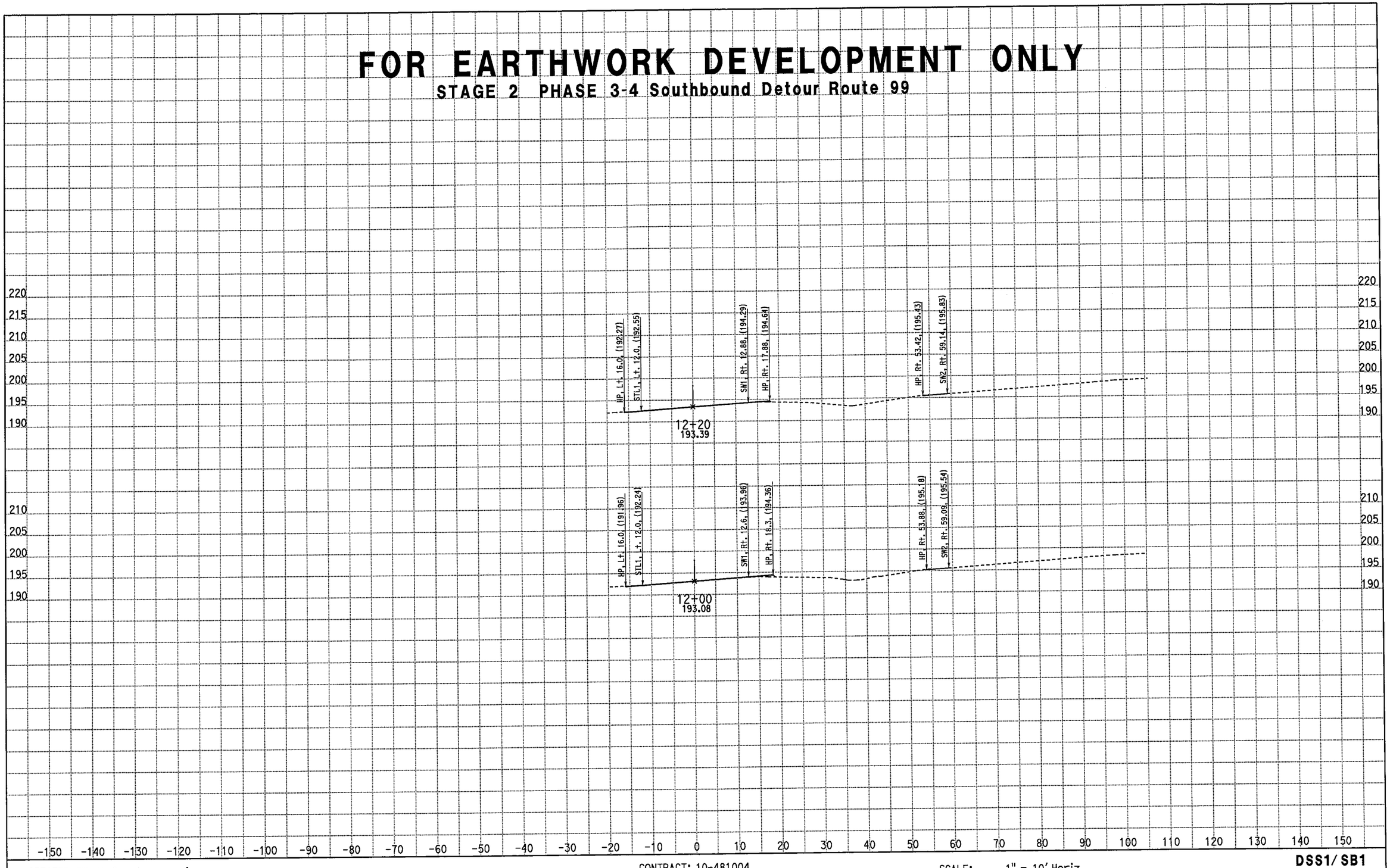
RBG1
CROSS SECTIONS
SHEET 2 OF 2

STAGE 2

PHASE 3-4

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

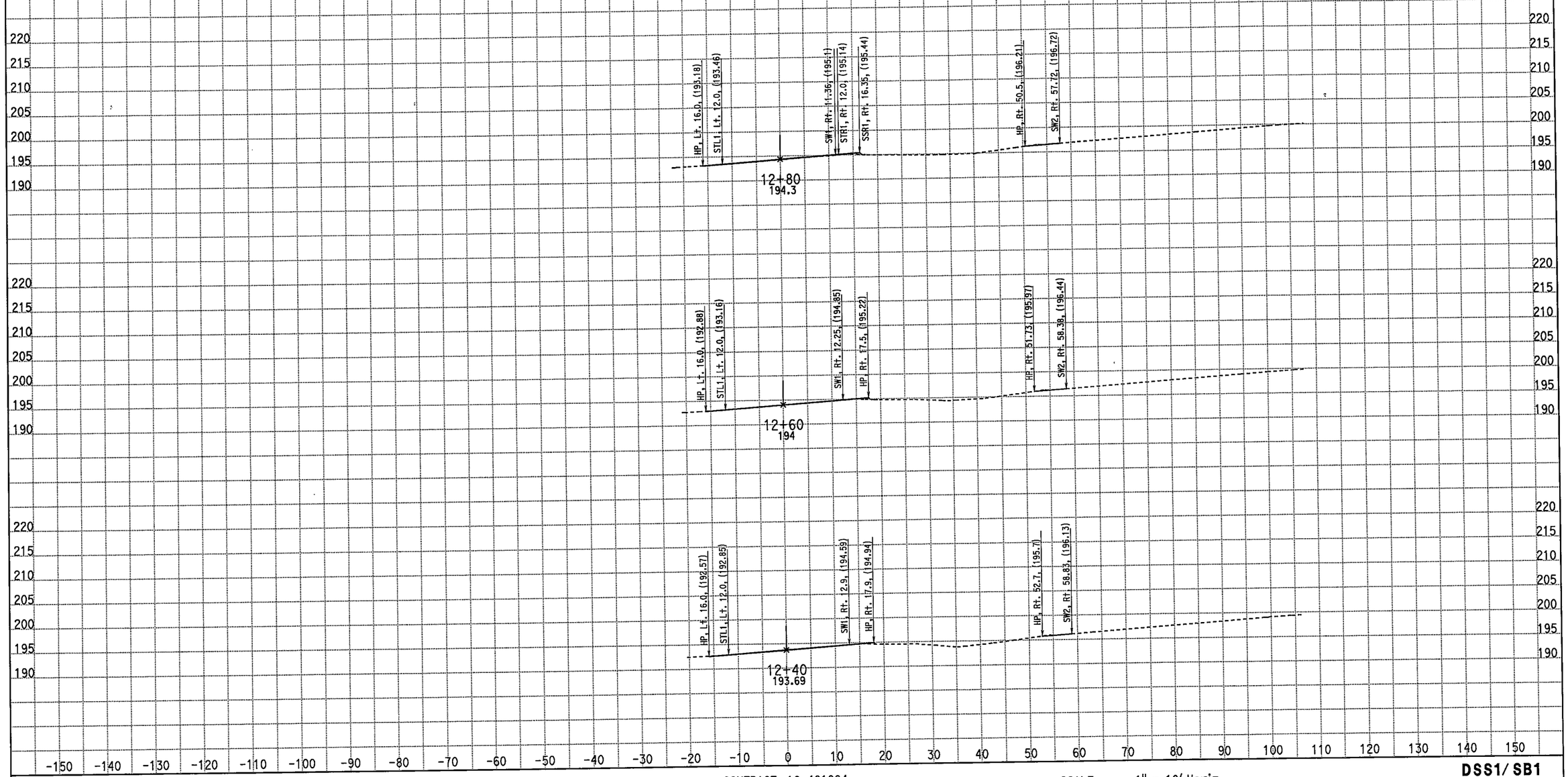
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 1 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

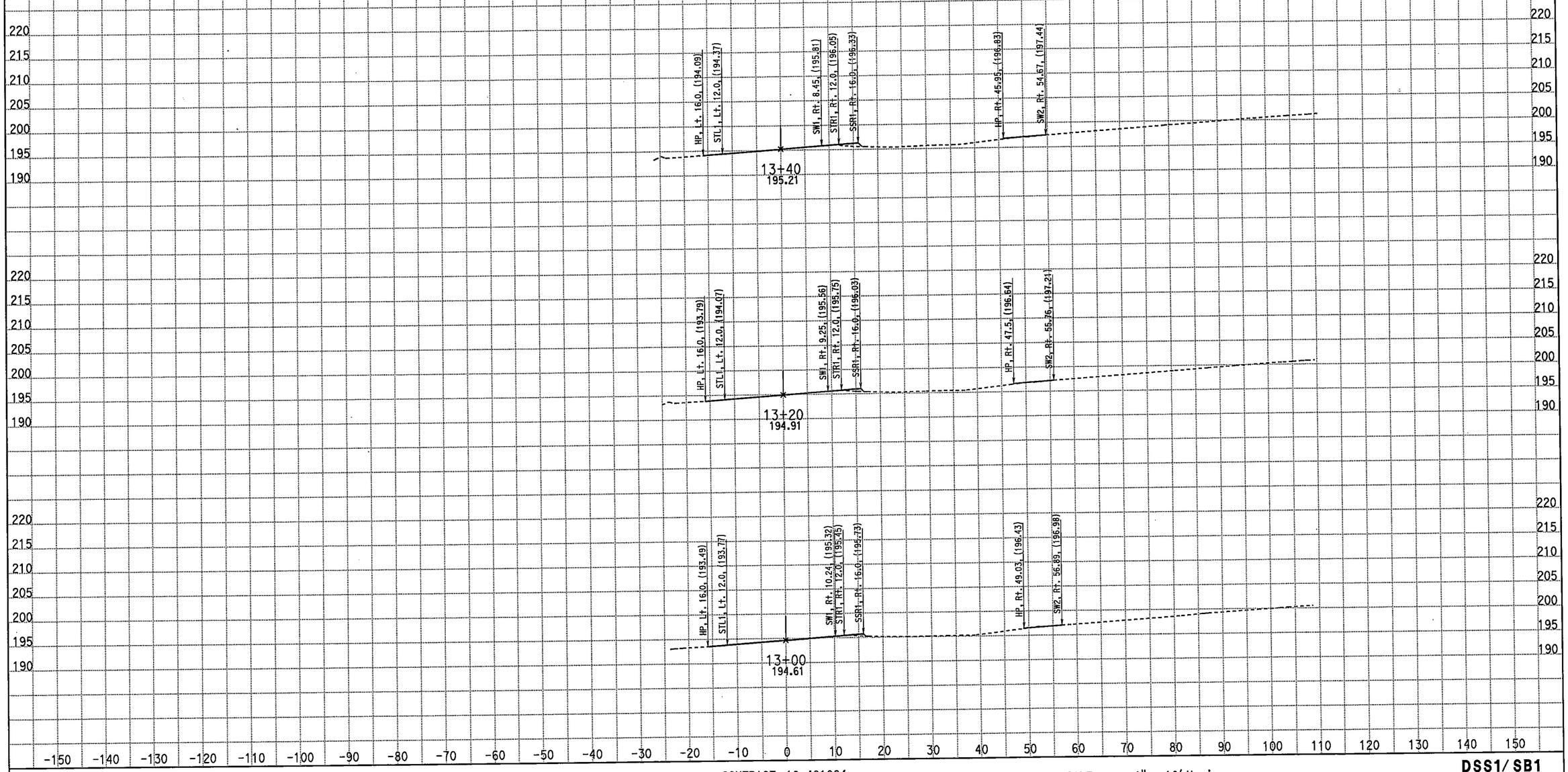
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/ SB1
CROSS SECTIONS
SHEET 2 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

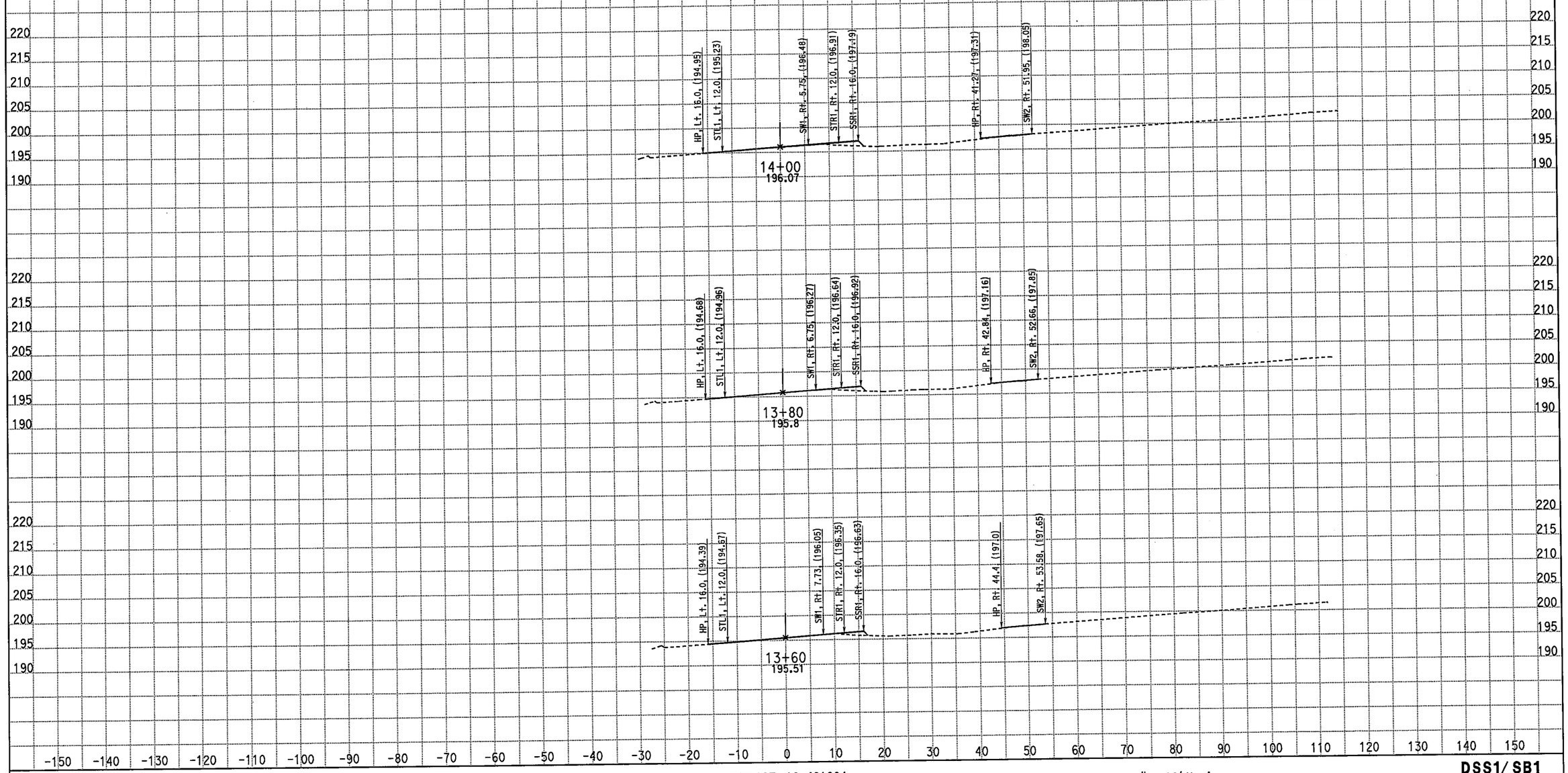
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

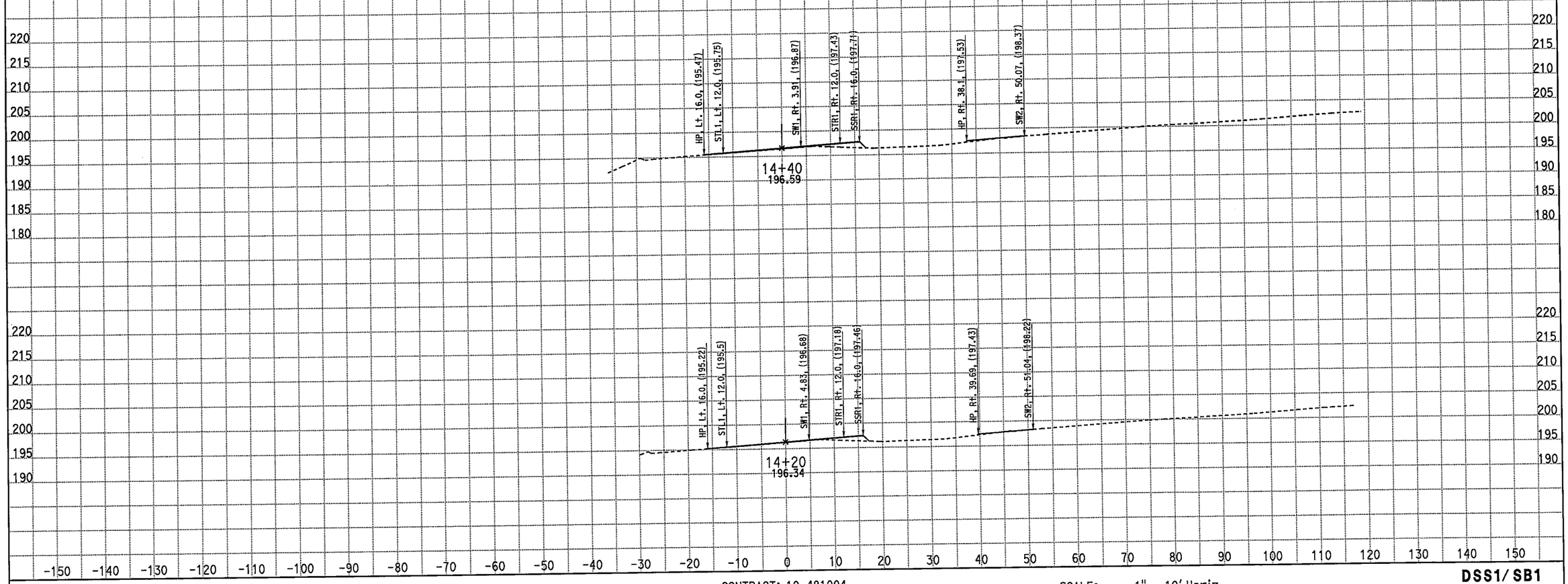
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/ SB1
CROSS SECTIONS
SHEET 4 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

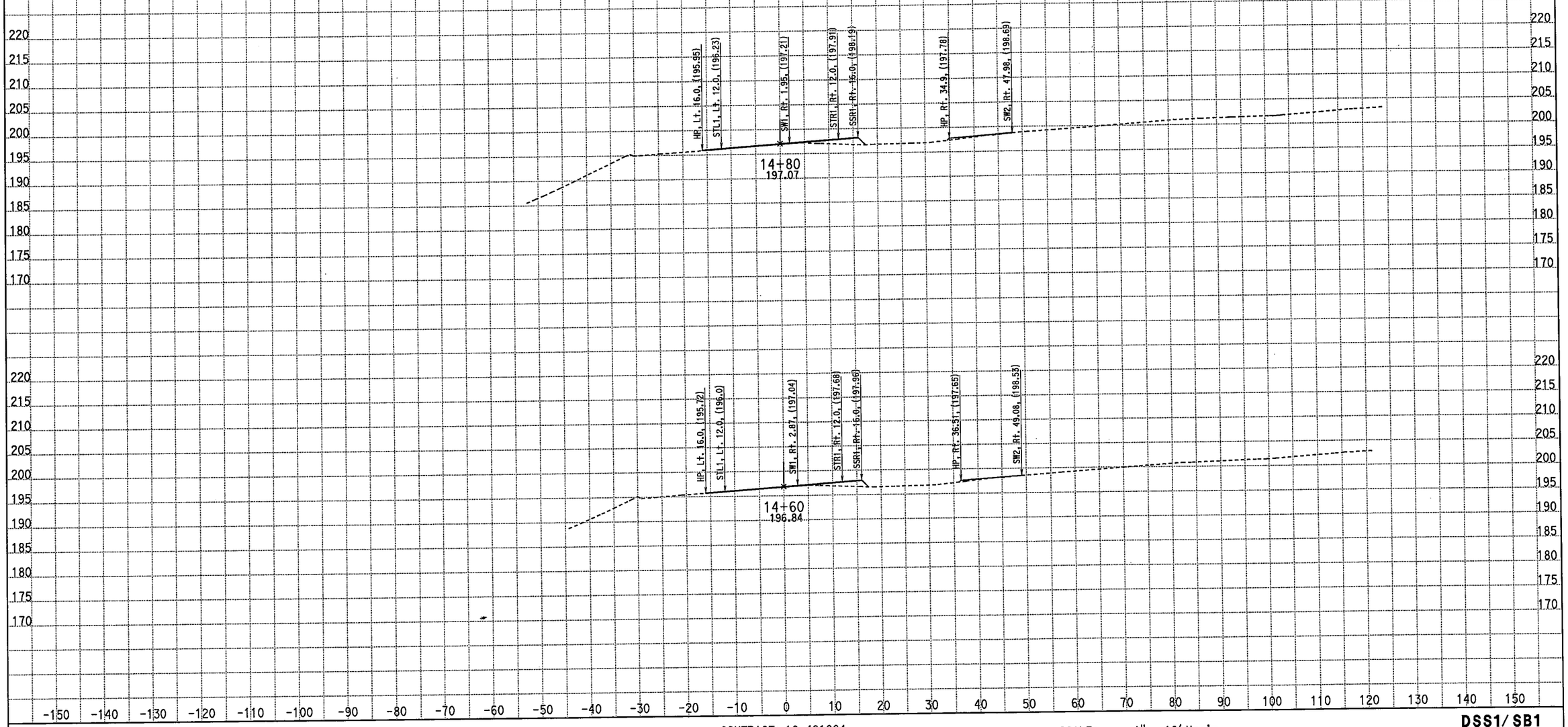
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 5 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

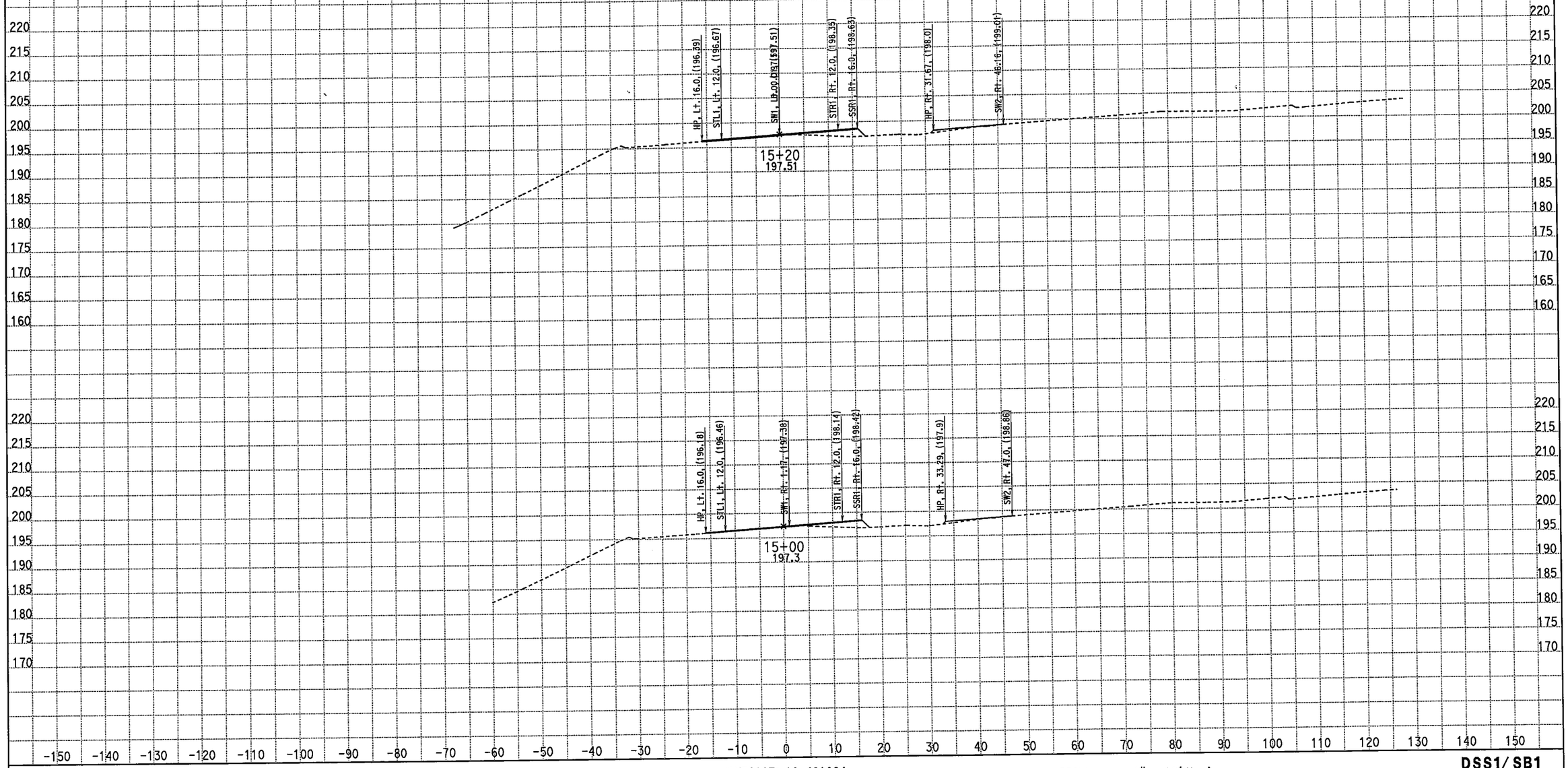
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 6 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

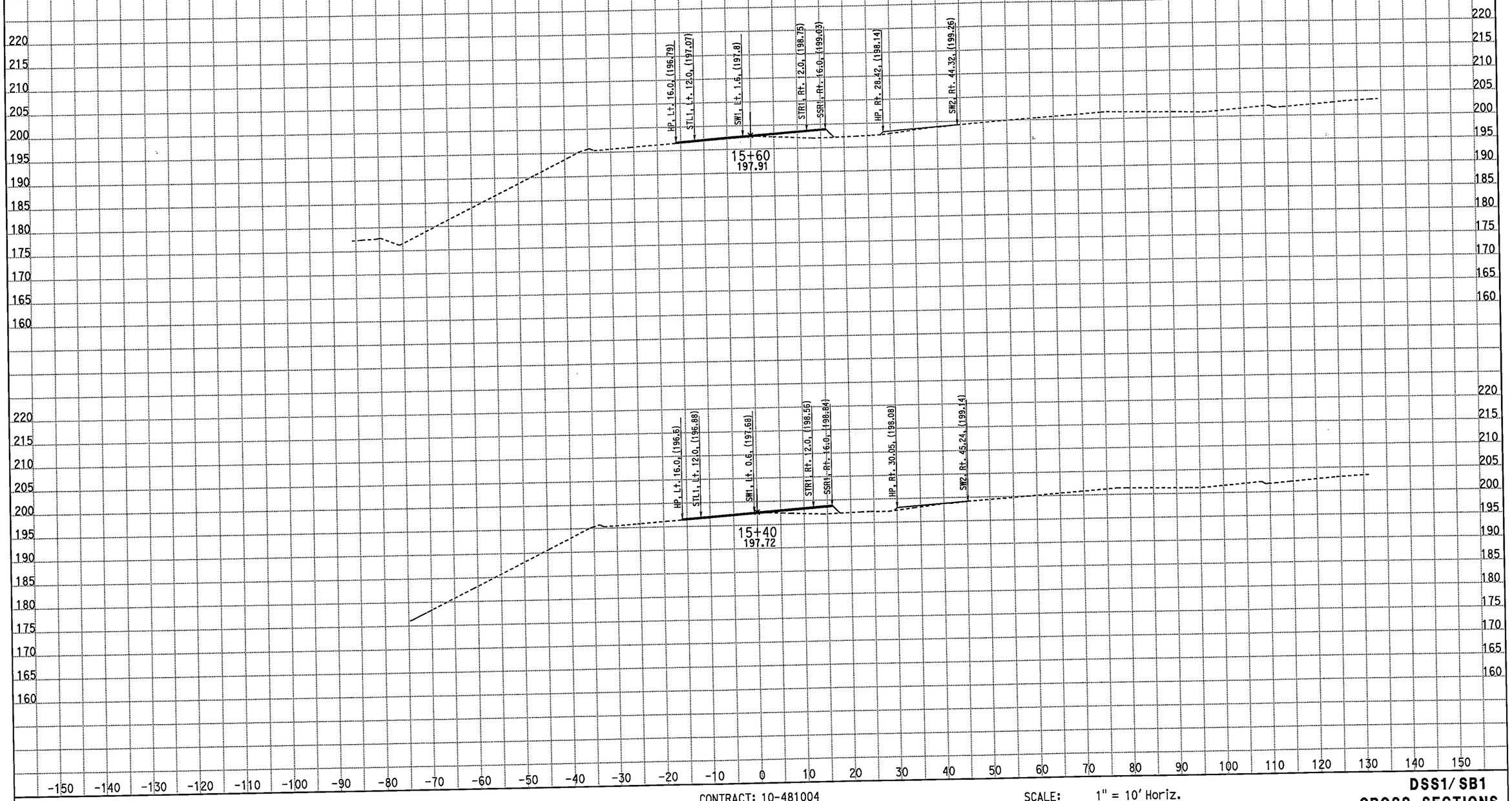
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 7 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

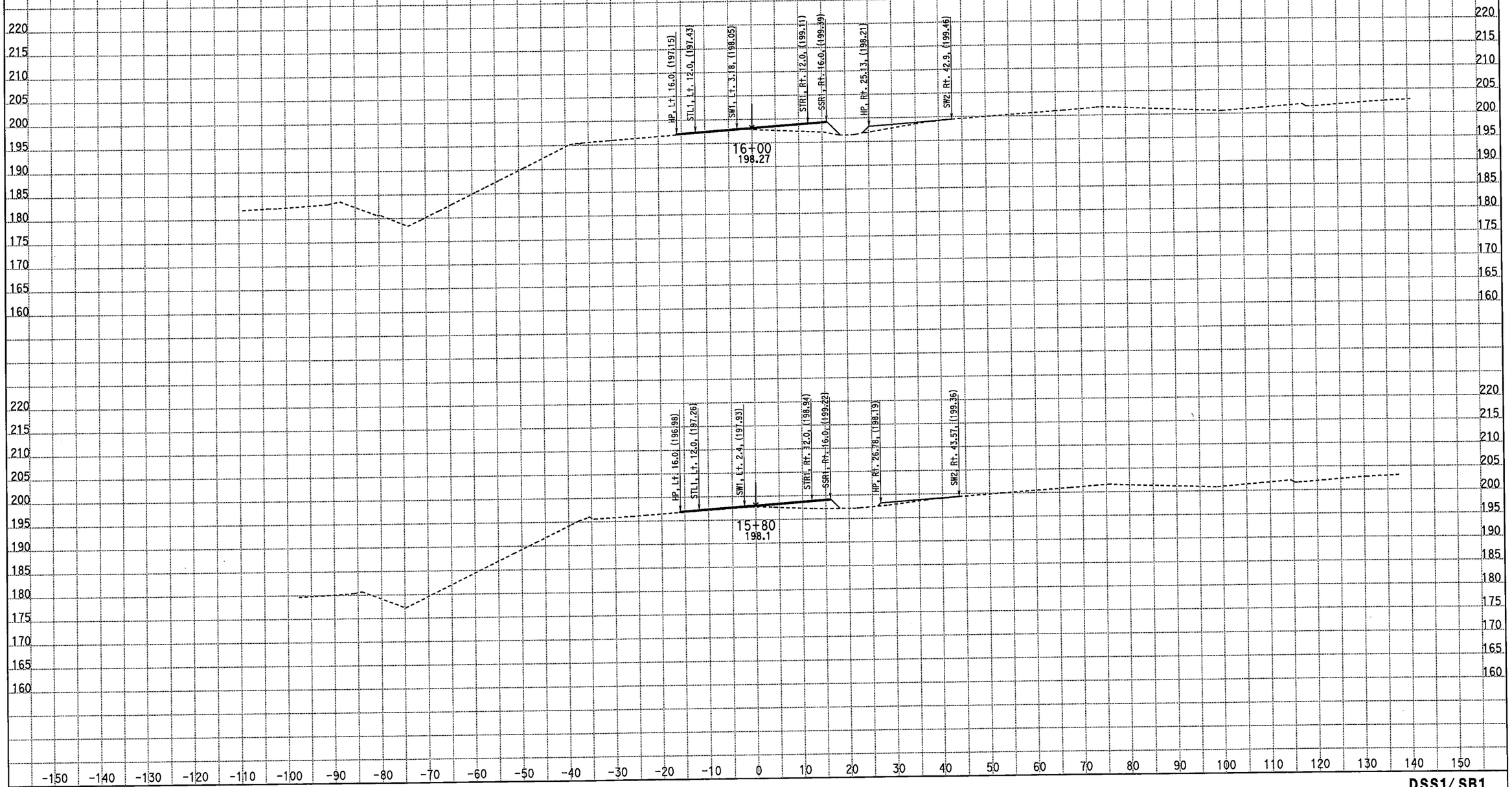
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 8 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

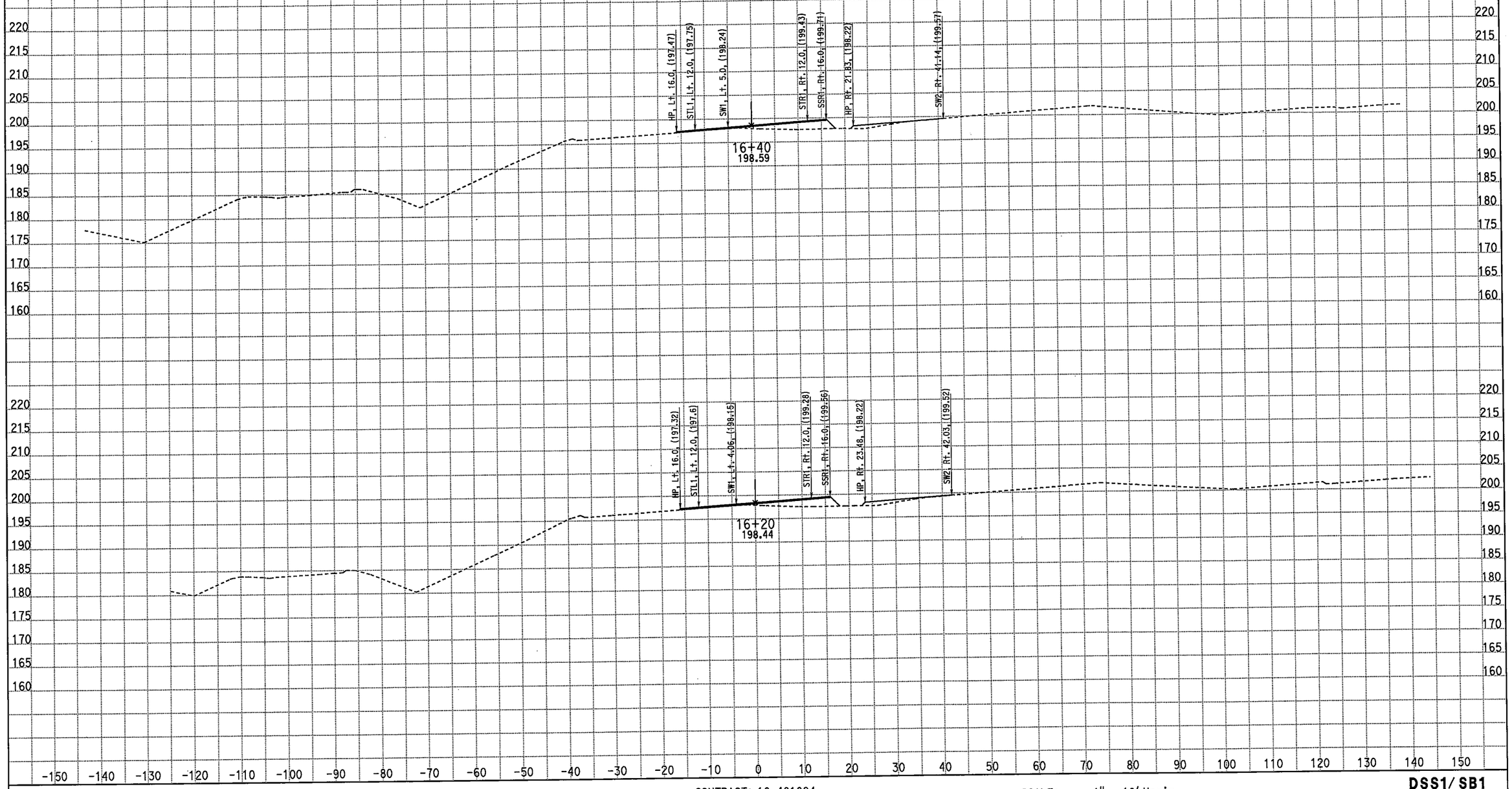
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 9 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

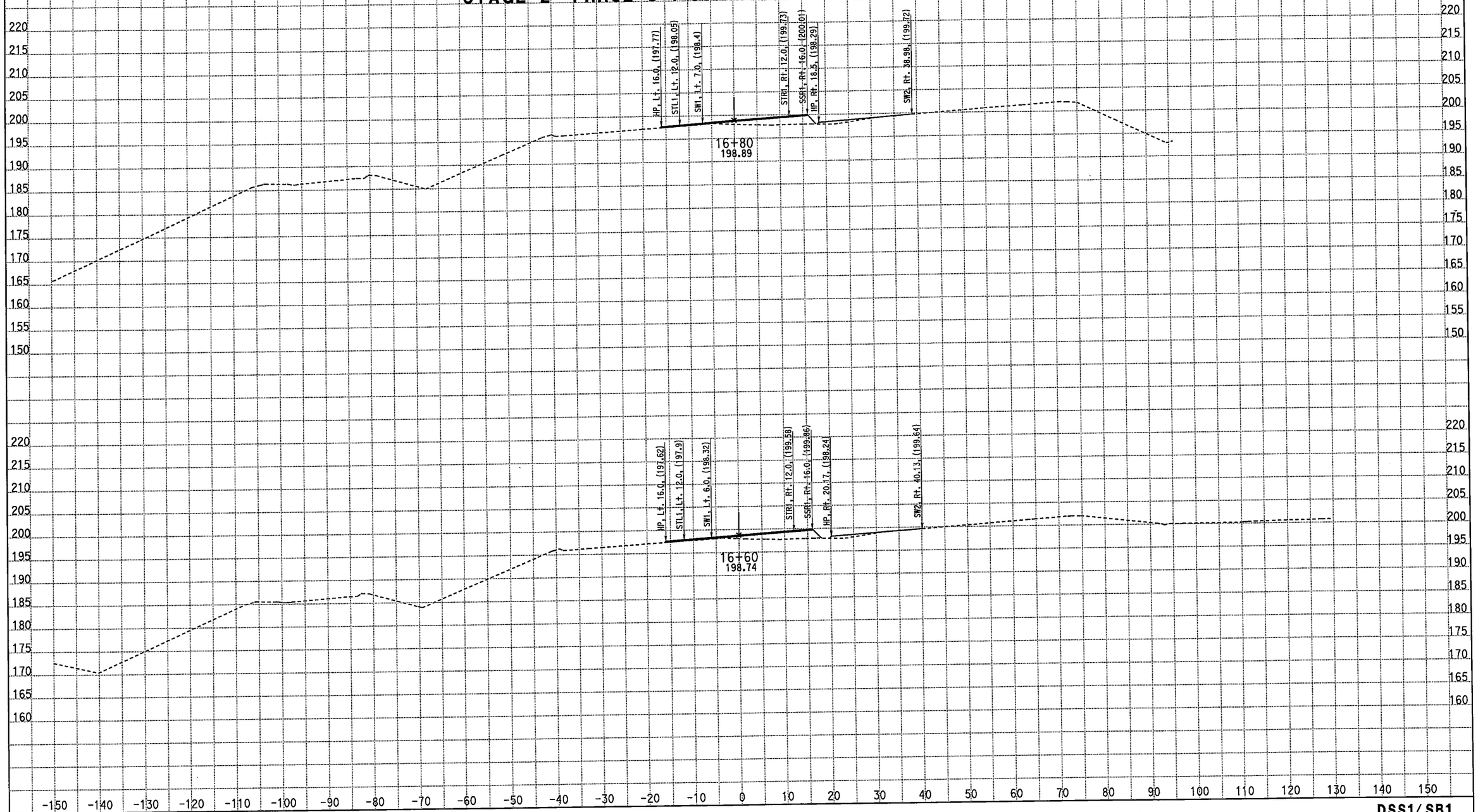
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 10 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

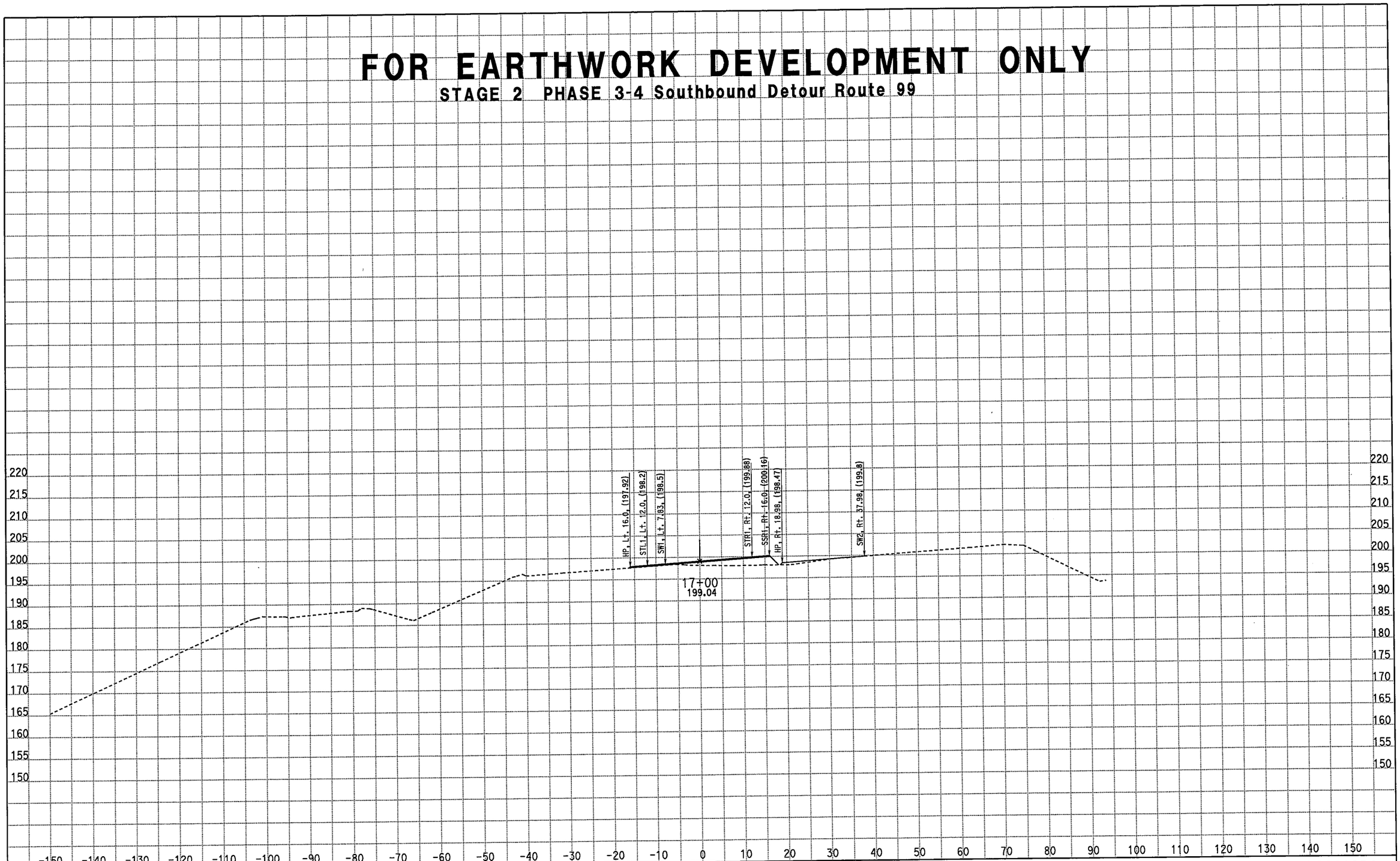
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

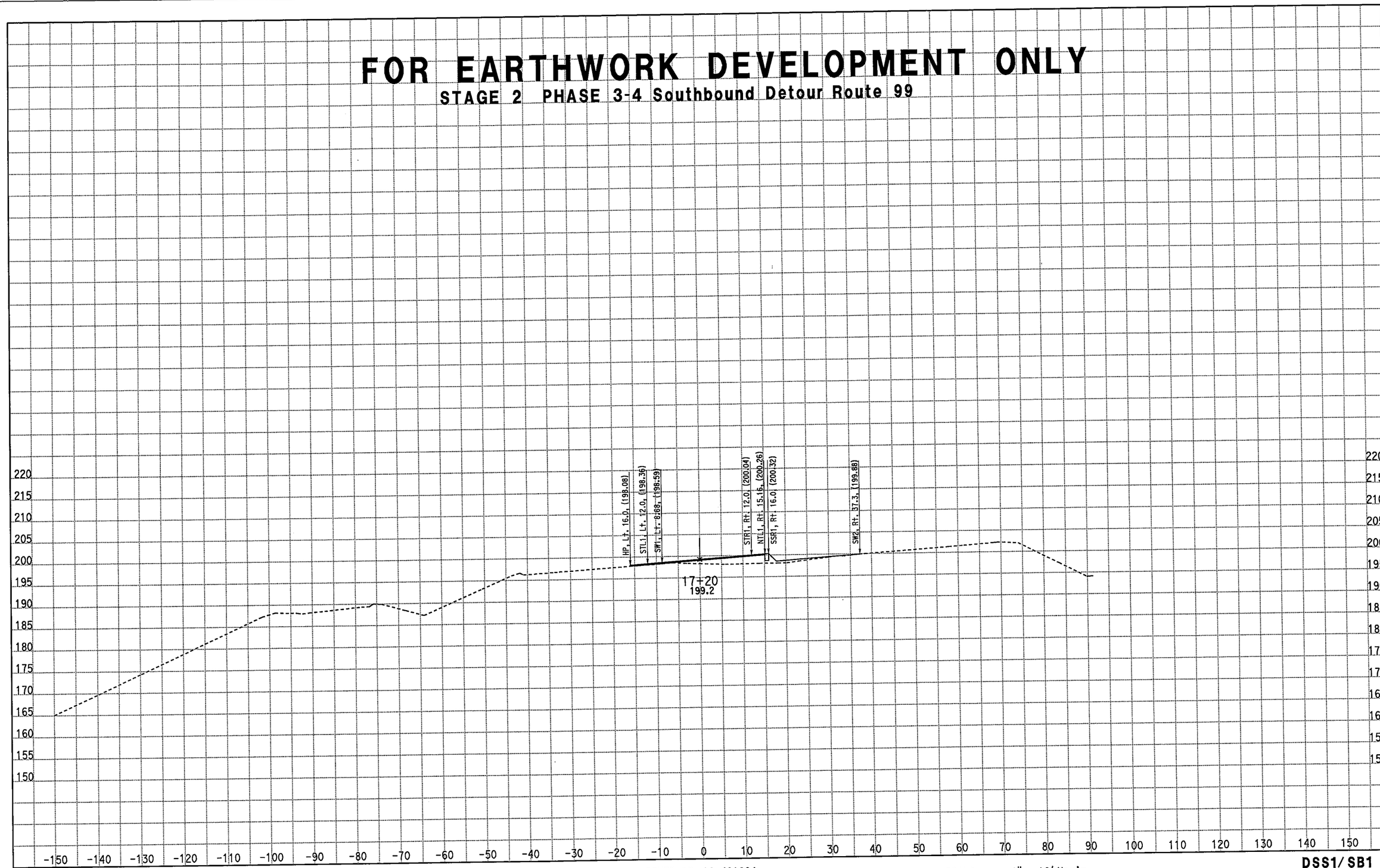
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

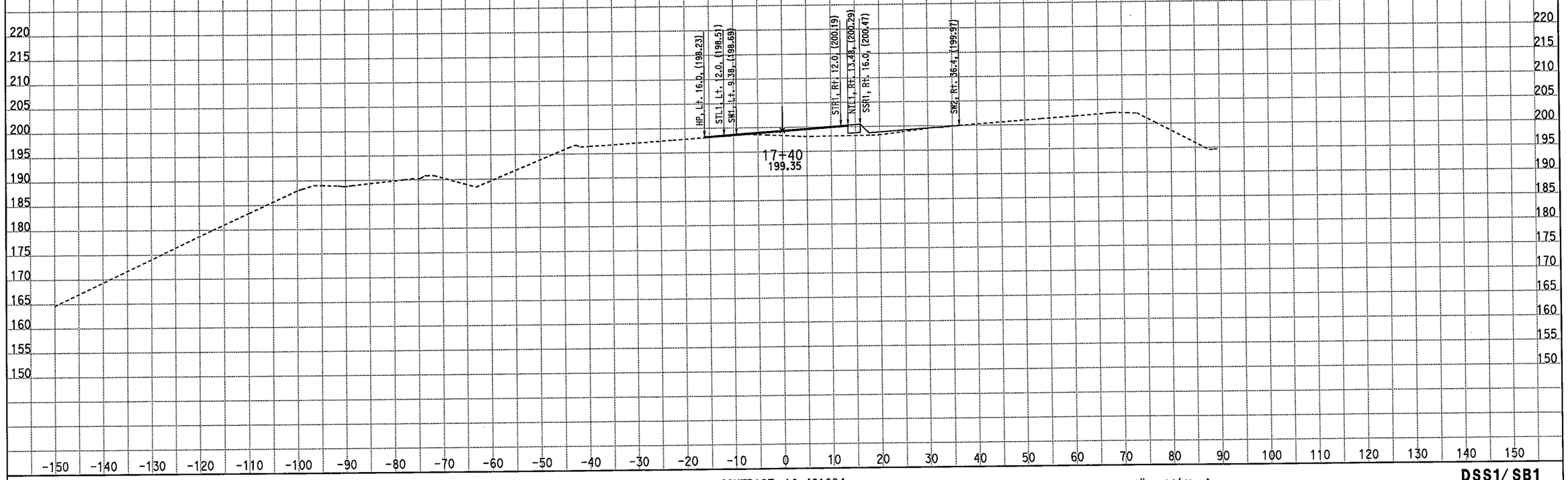
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 13 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

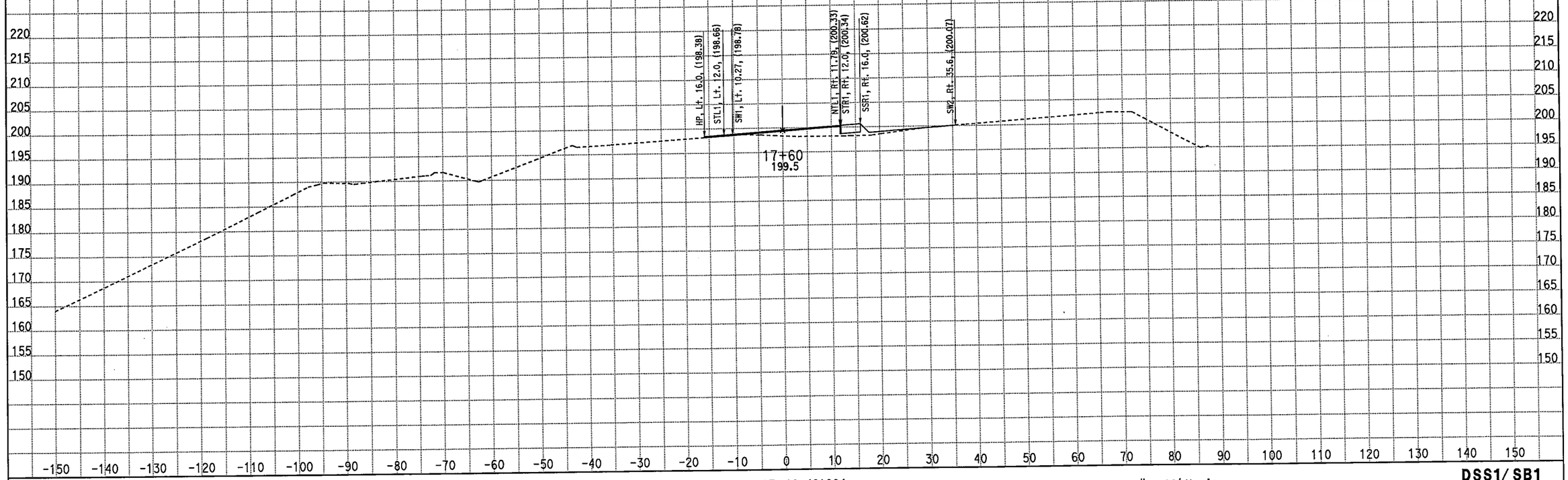
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 14 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

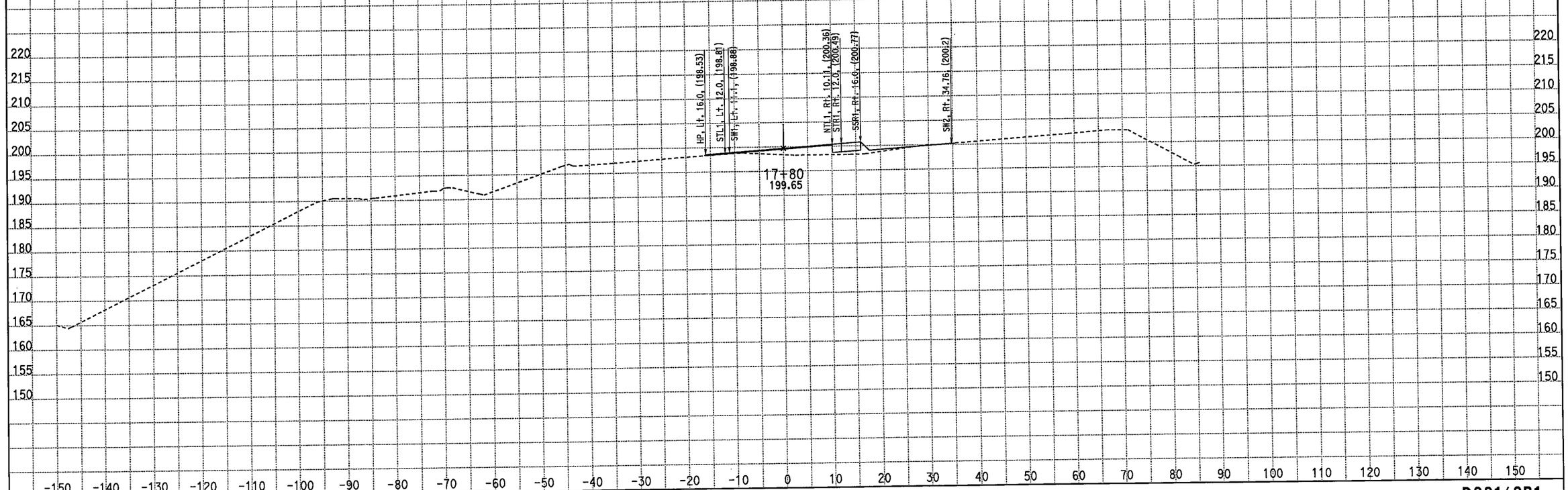
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 15 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

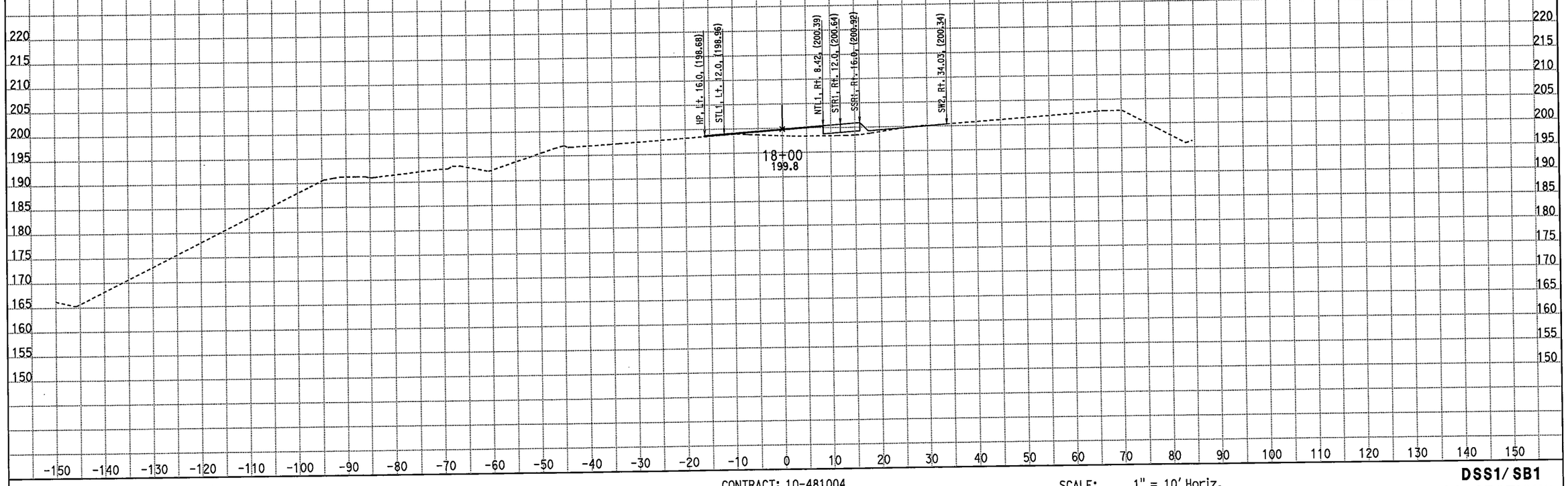
All Dimensions are US Survey Feet

DSS1/ SB1
CROSS SECTIONS

SHEET 16 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

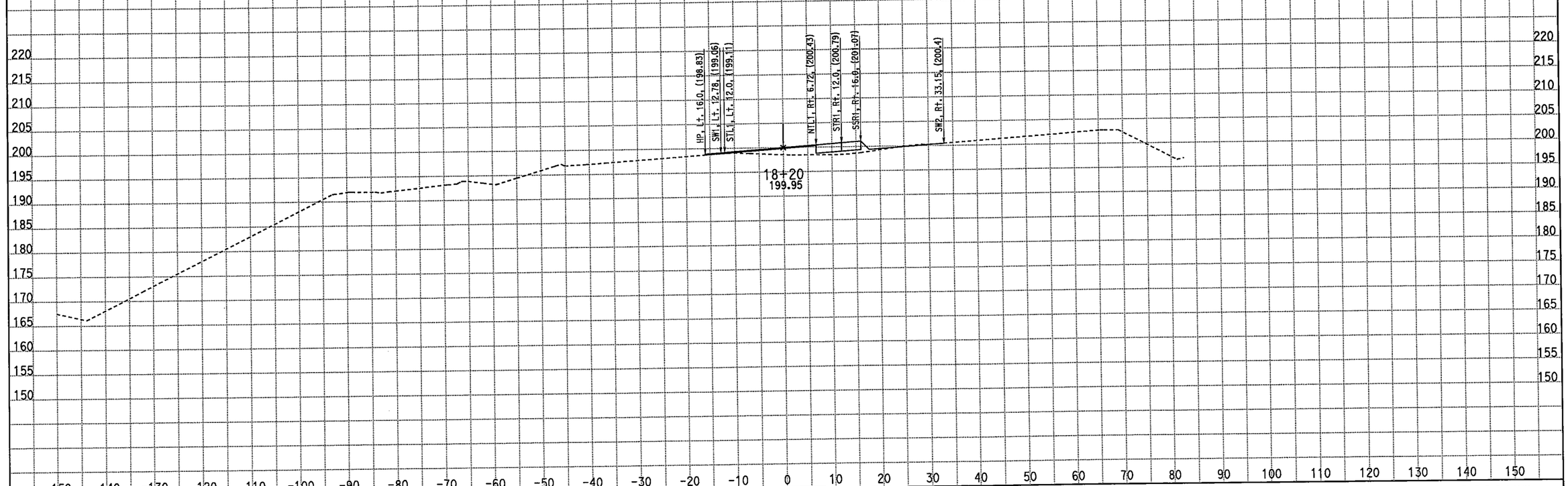
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

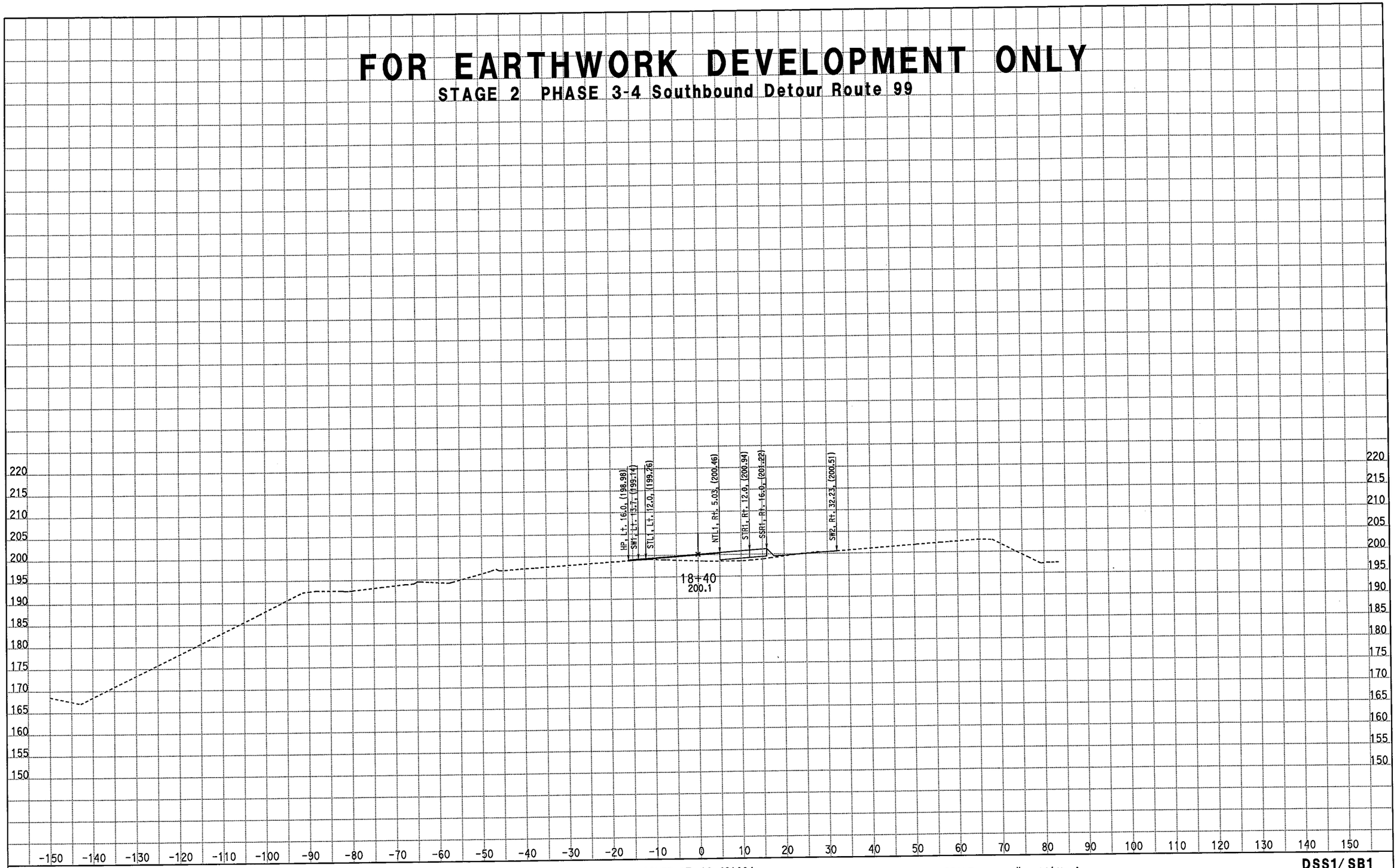
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/ SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

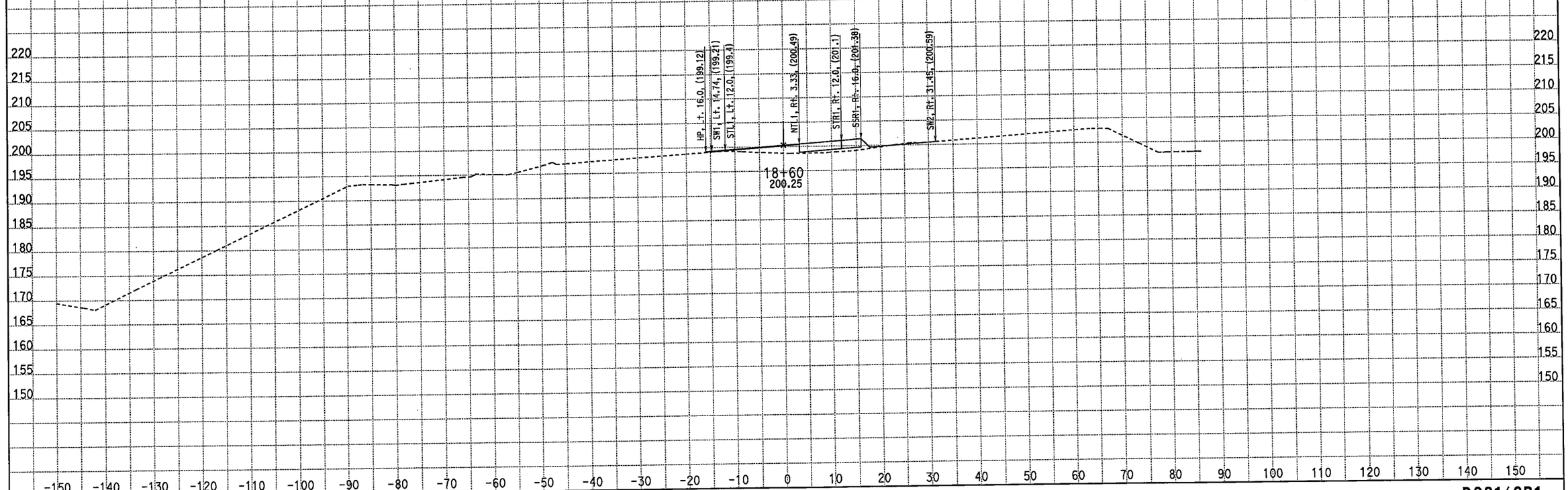
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 19 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

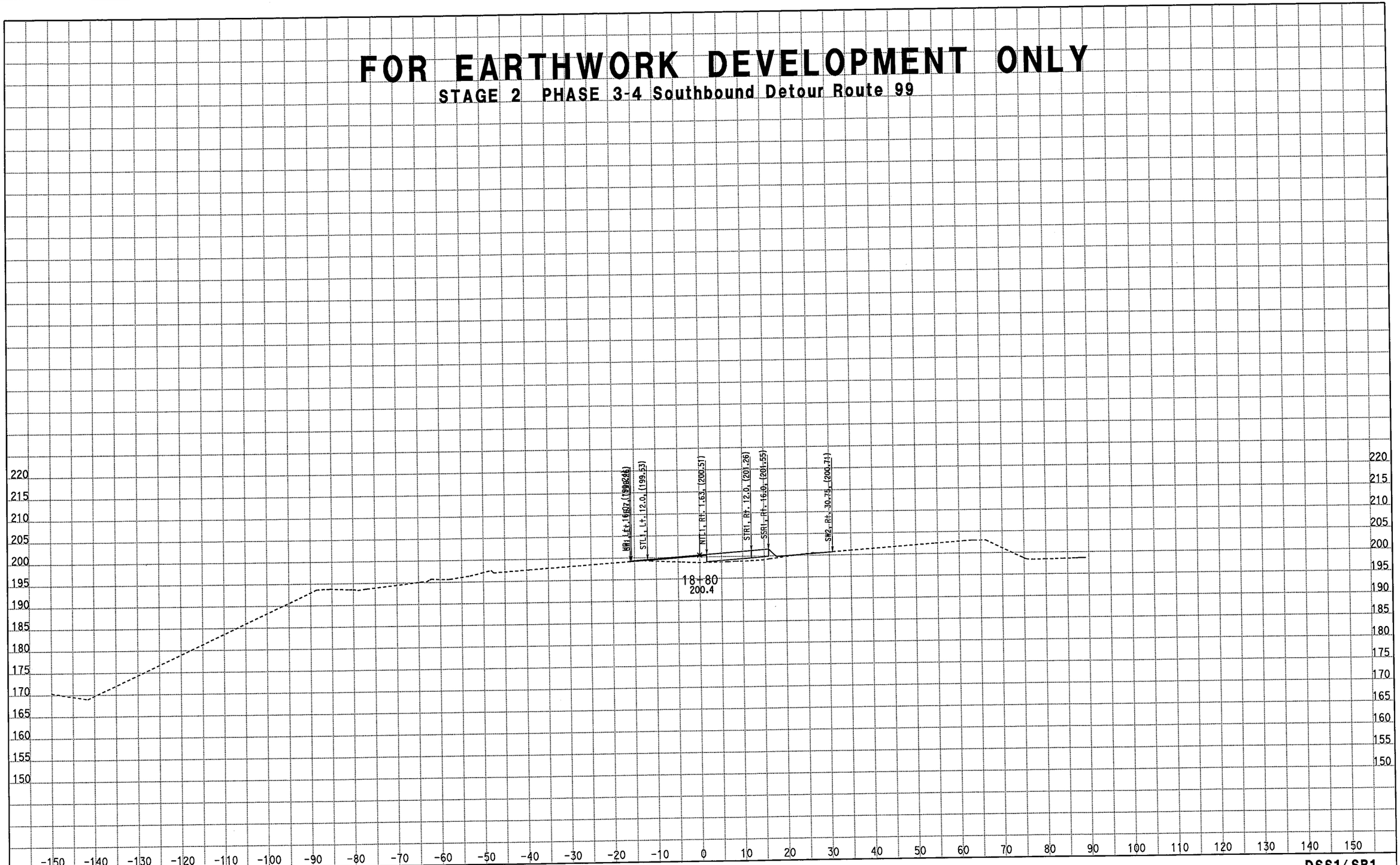
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 20 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

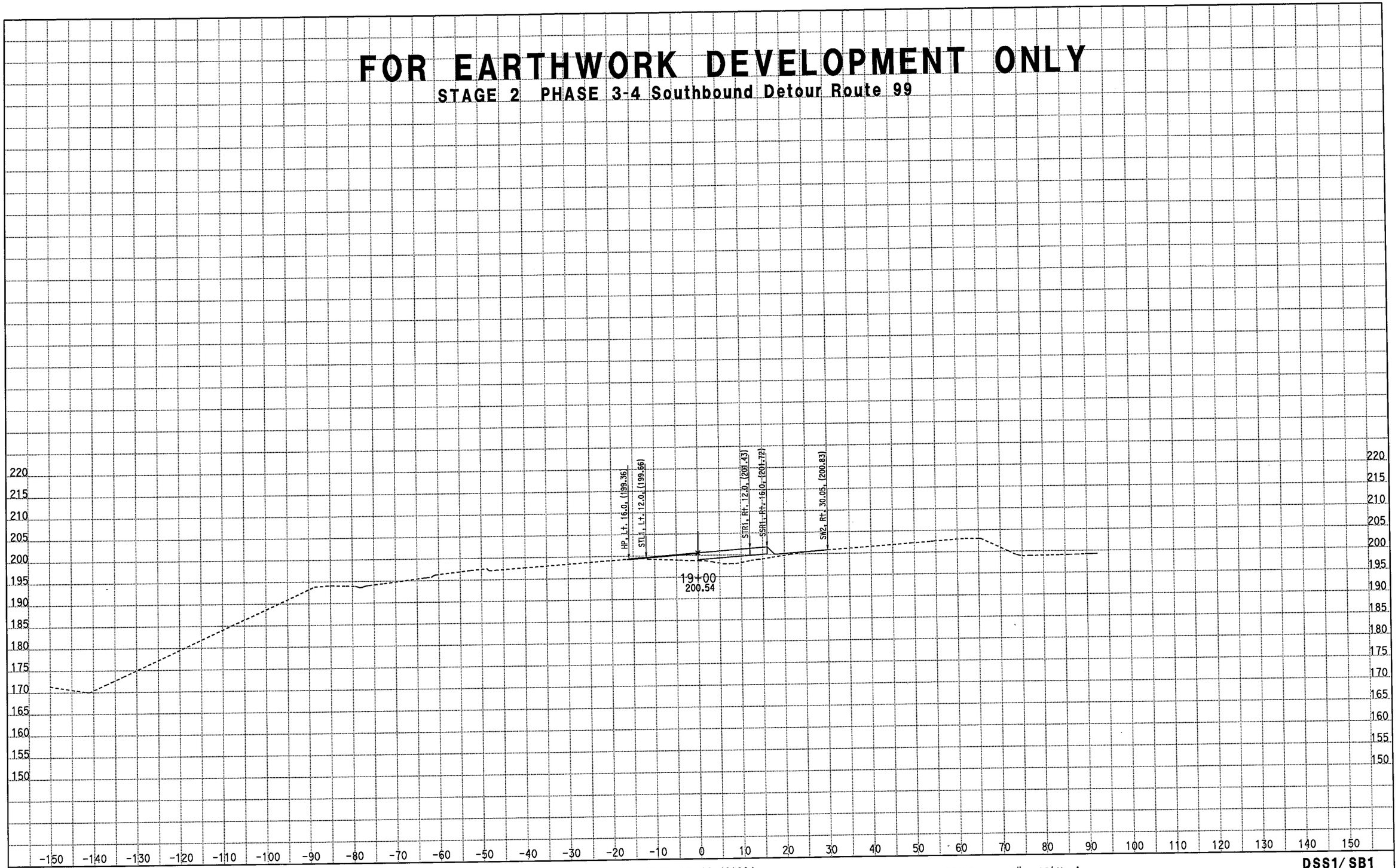
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 21 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

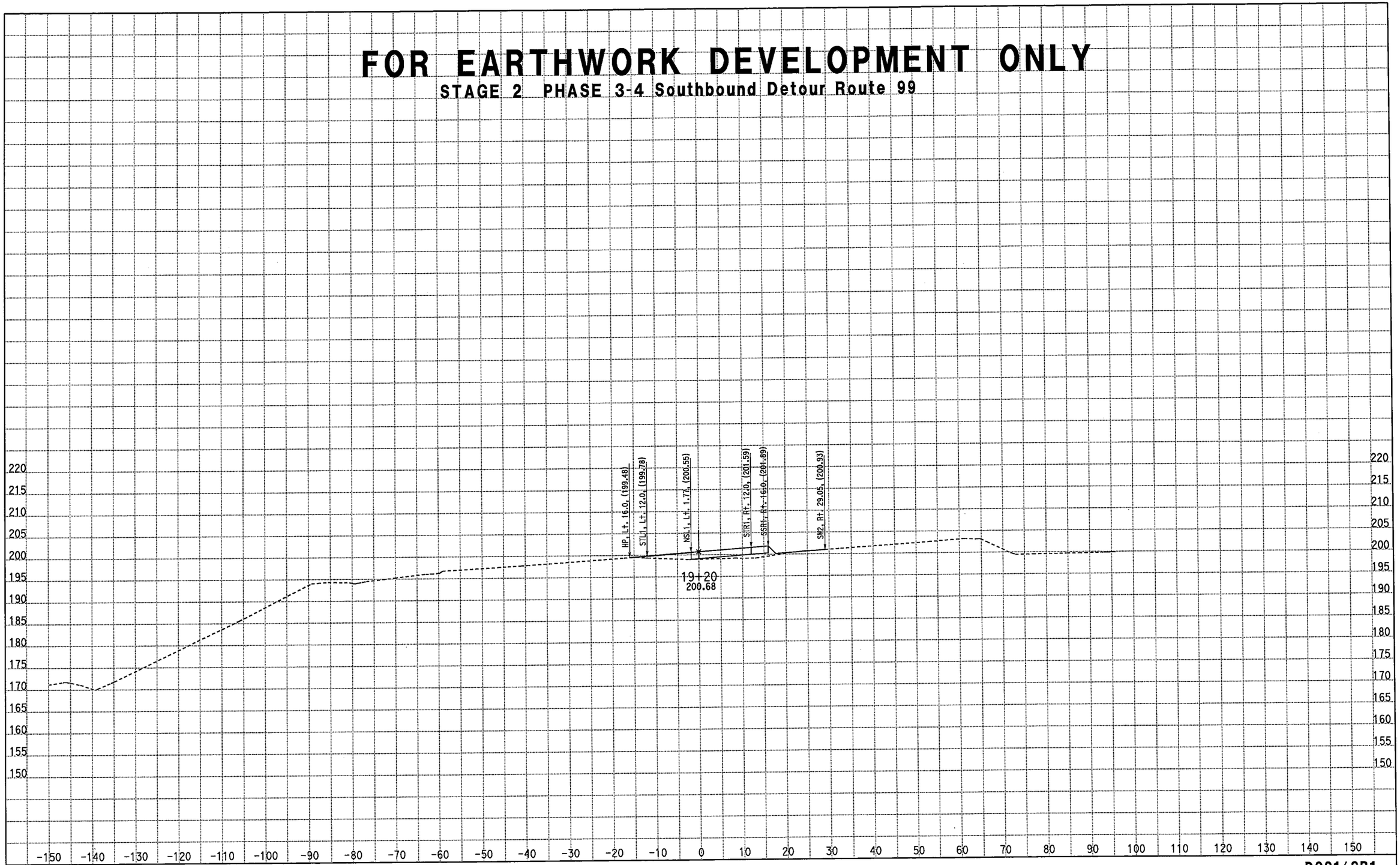
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 22 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

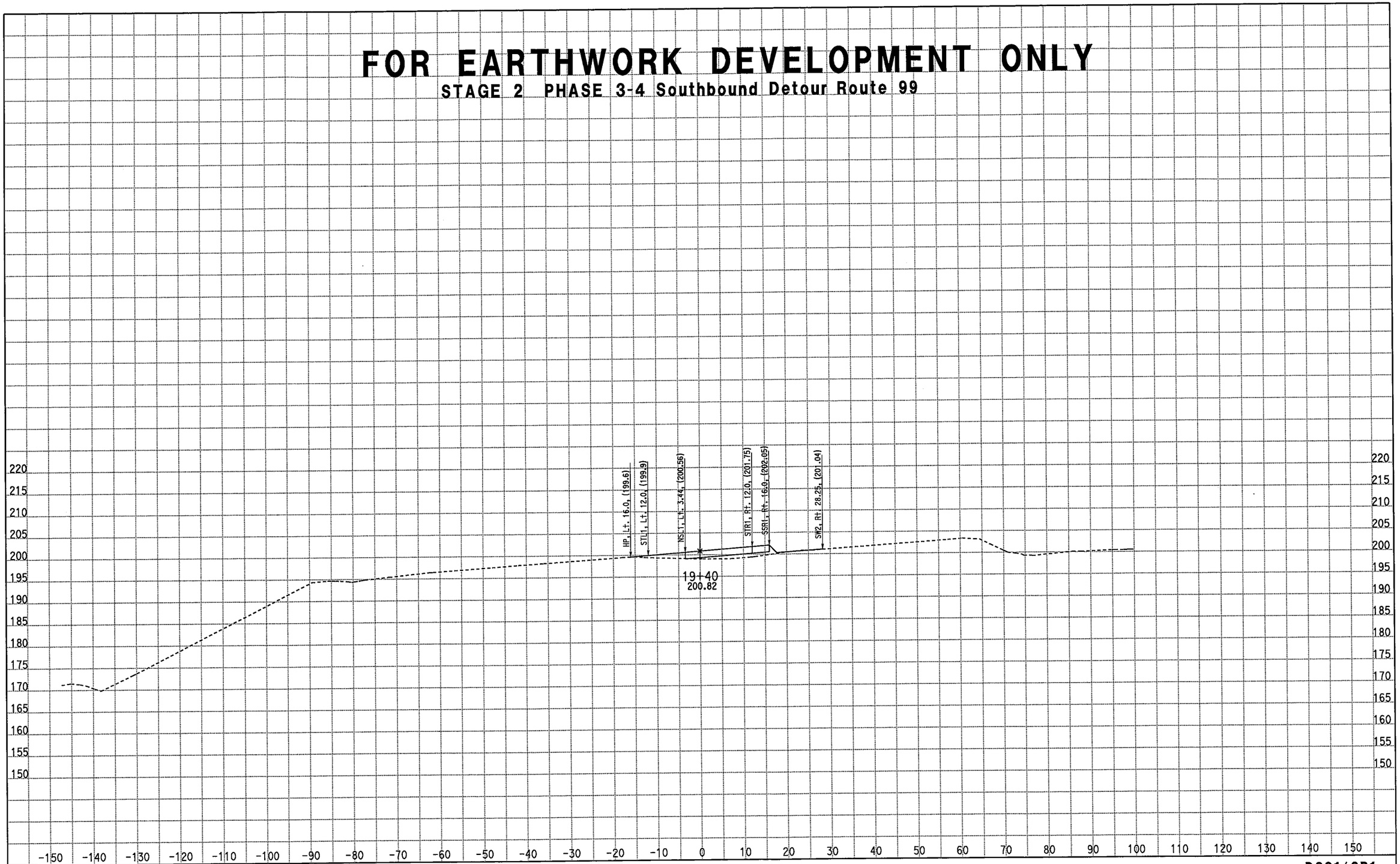
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

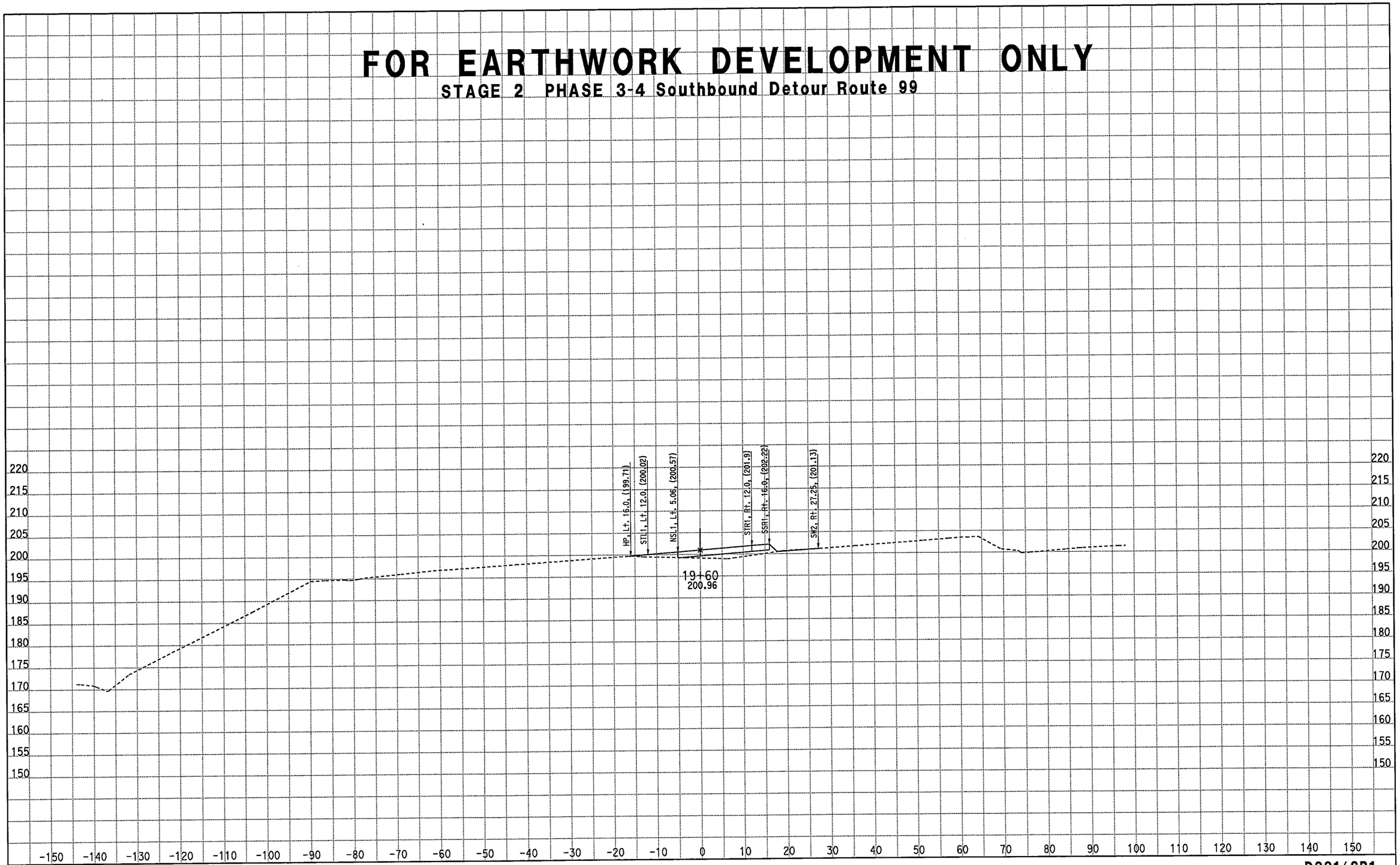
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

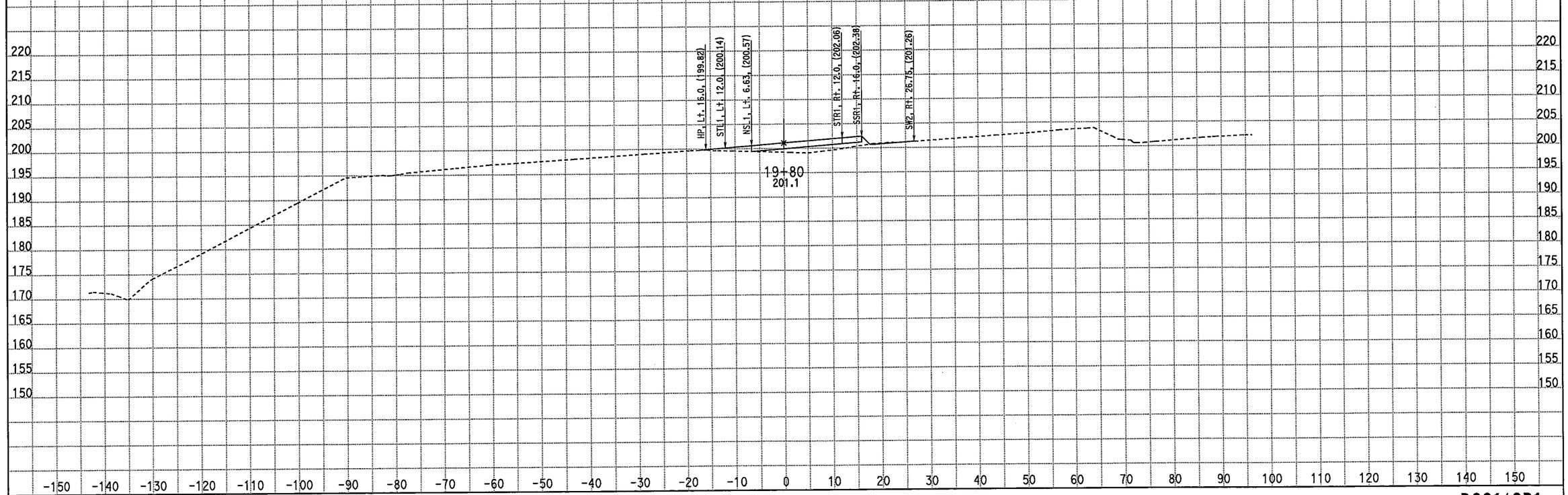
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 25 OF 94

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

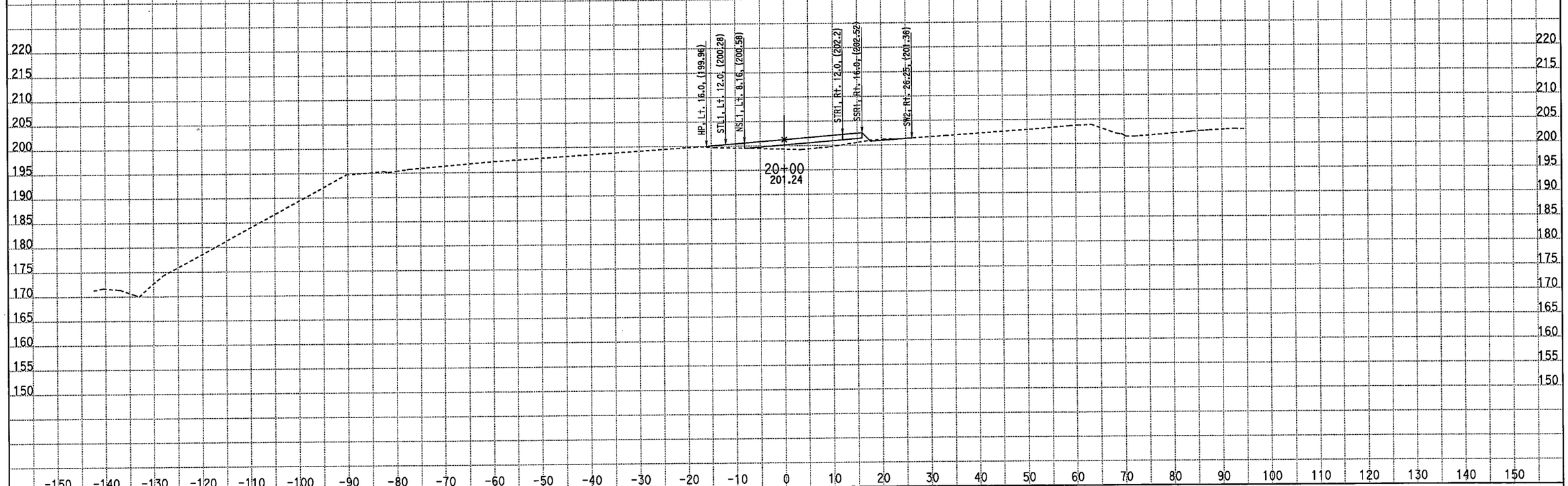
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 26 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

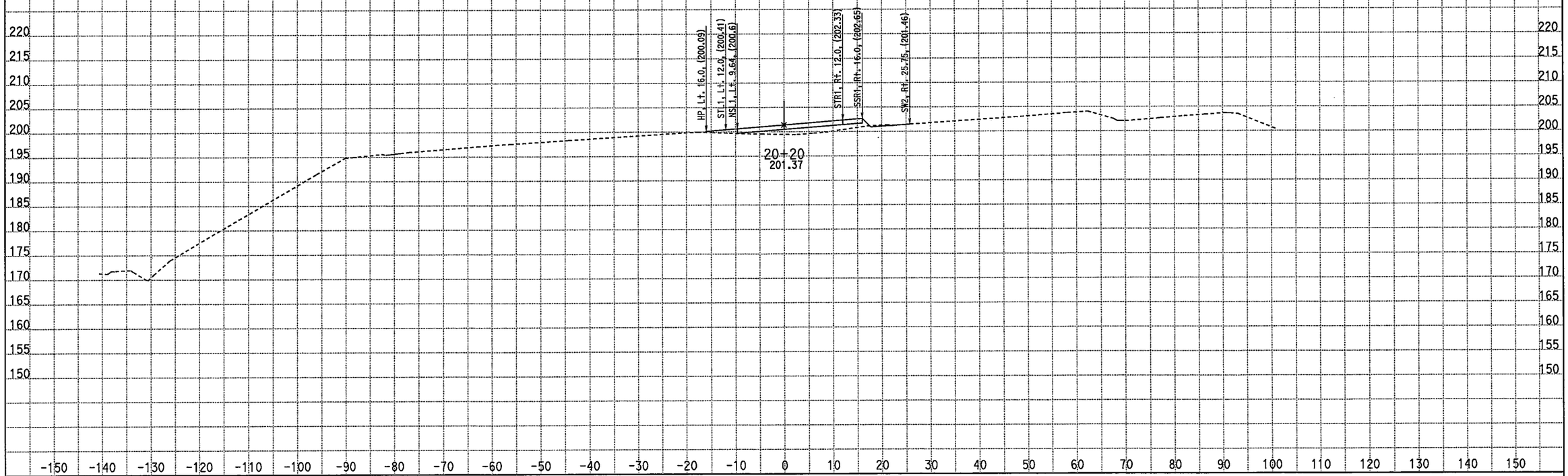
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

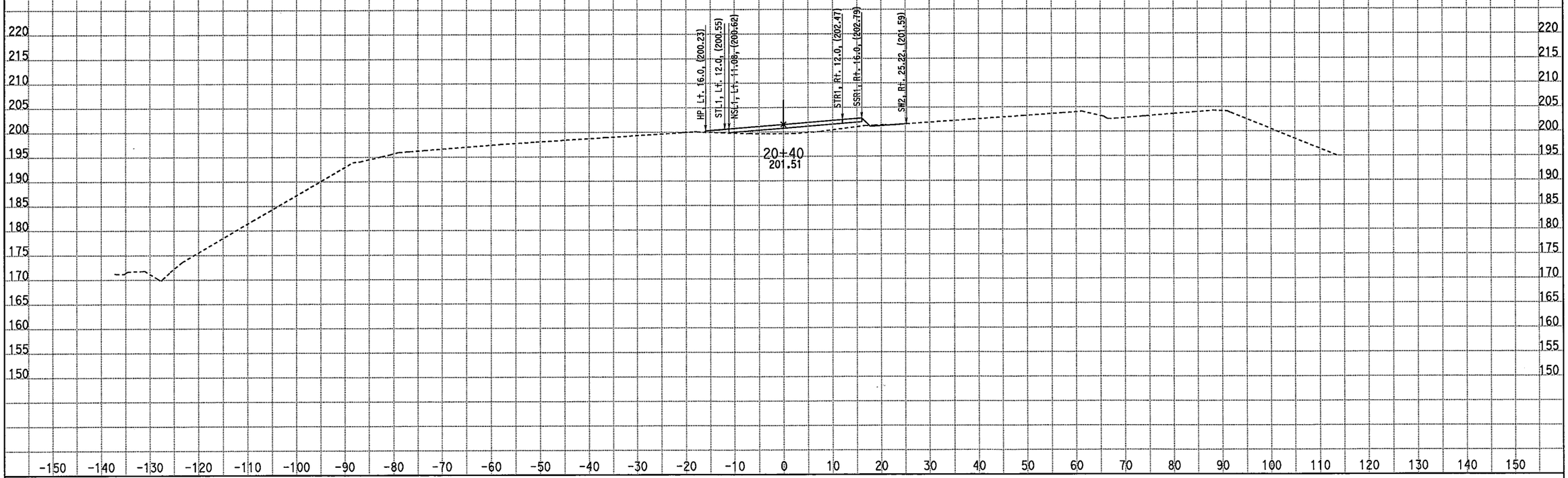
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

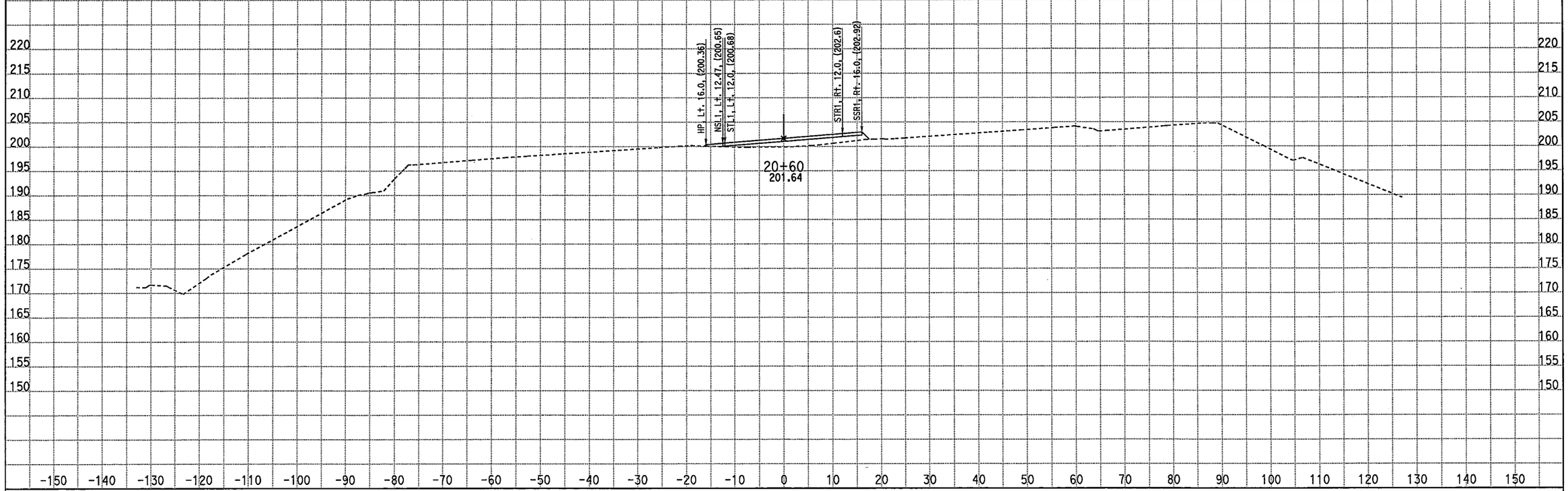
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

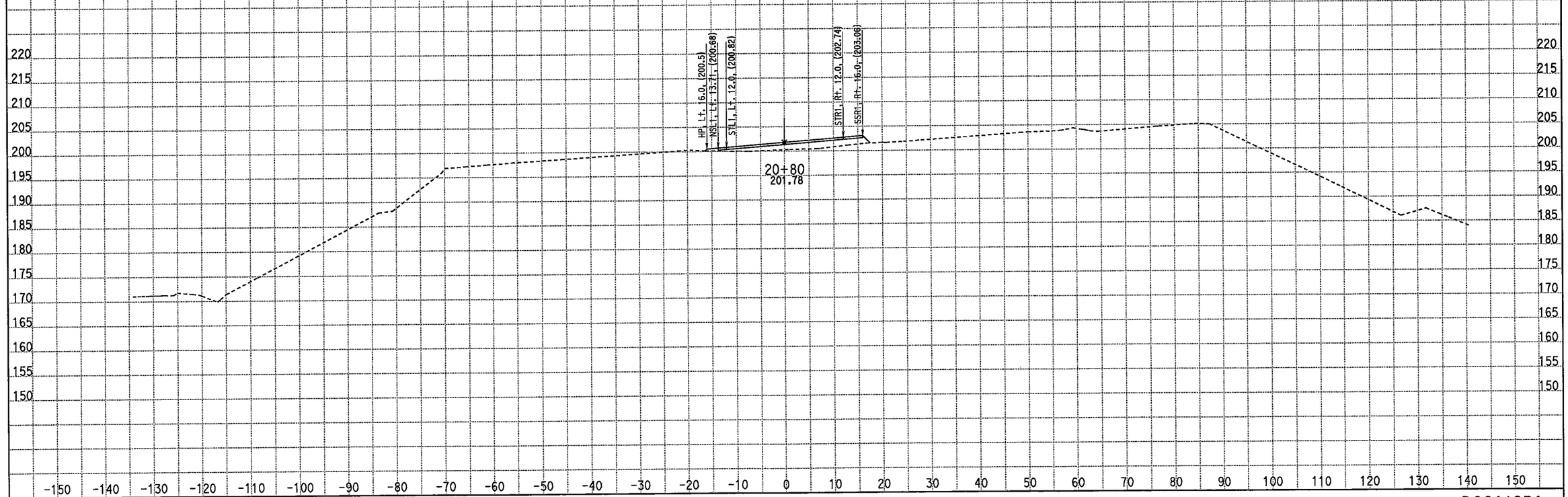
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 30 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

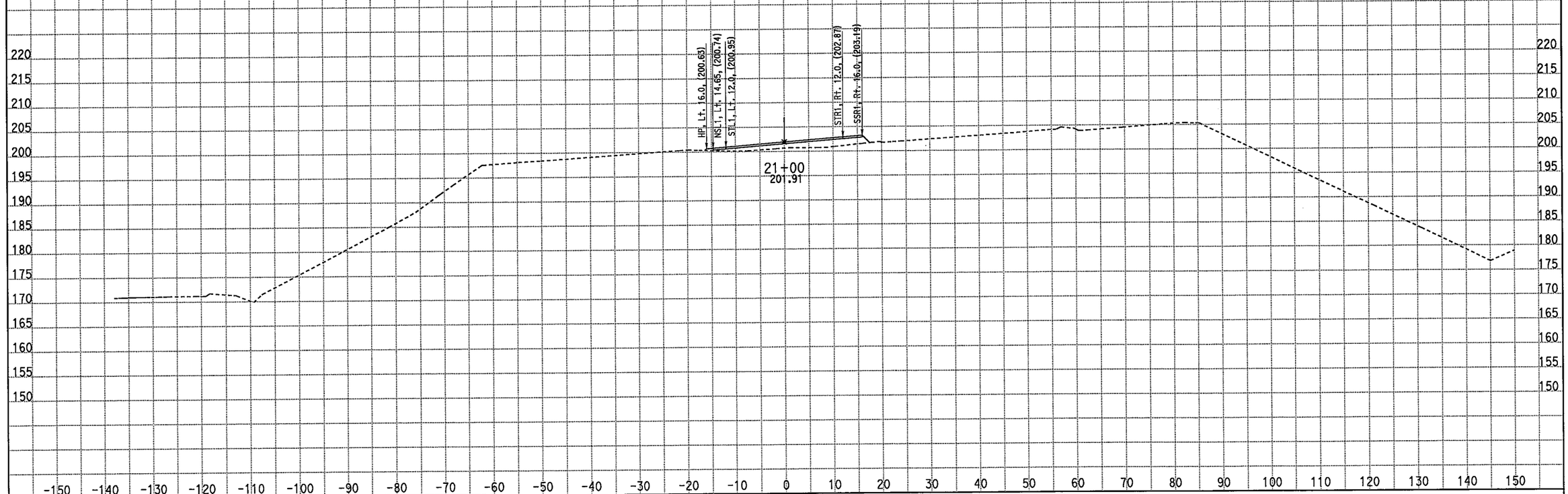
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 31 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

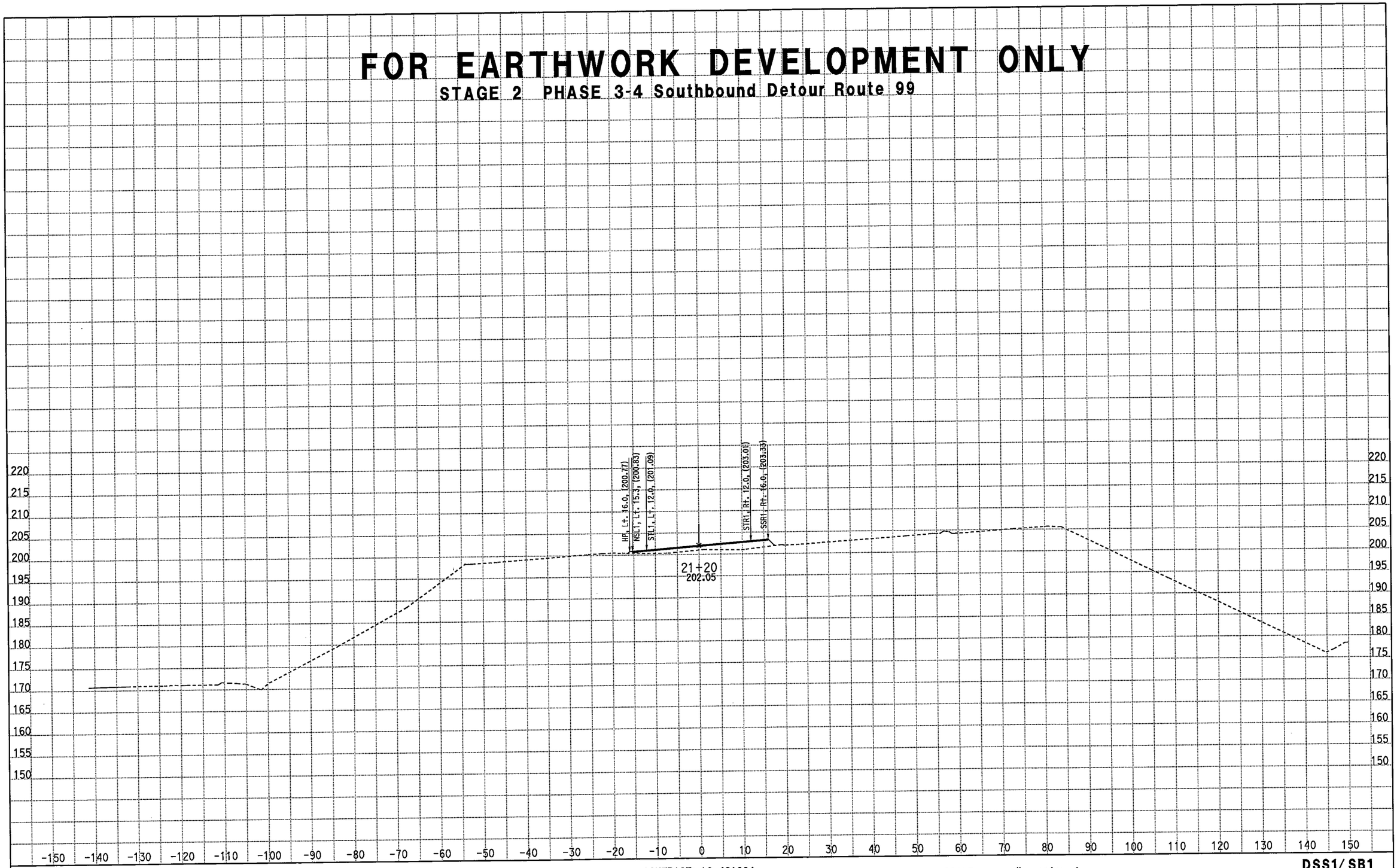
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 32 OF 94

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

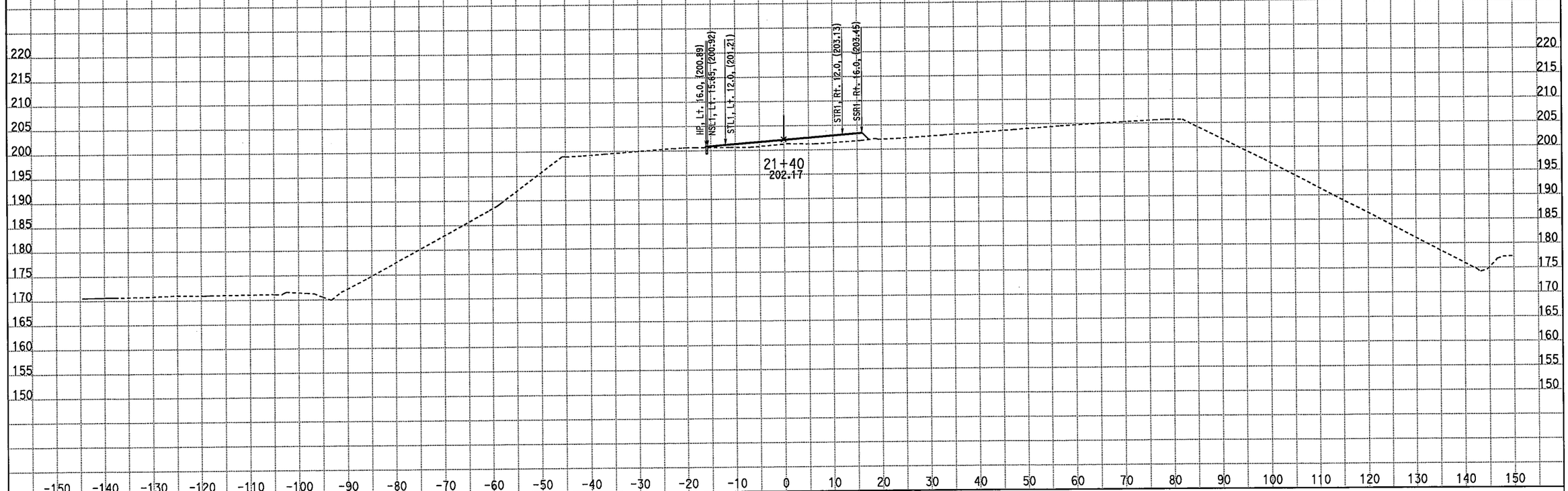
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 33 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

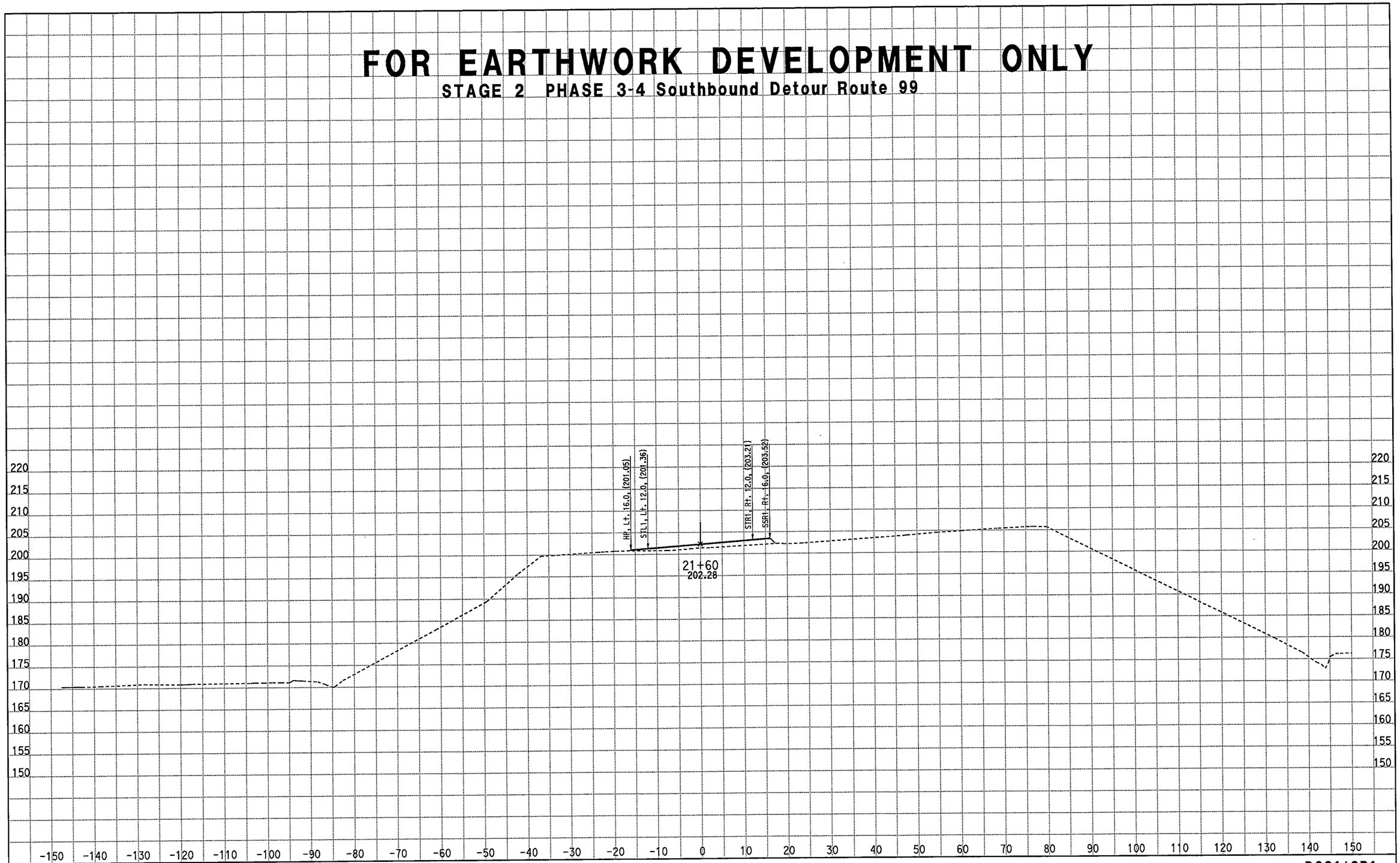
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

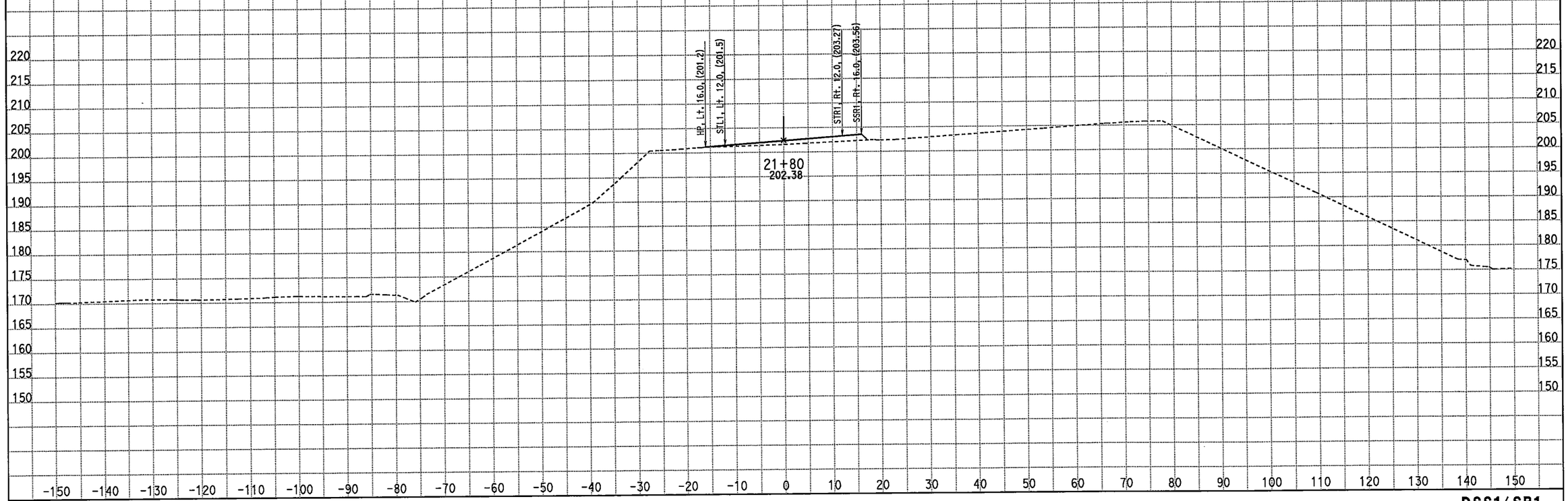
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 35 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

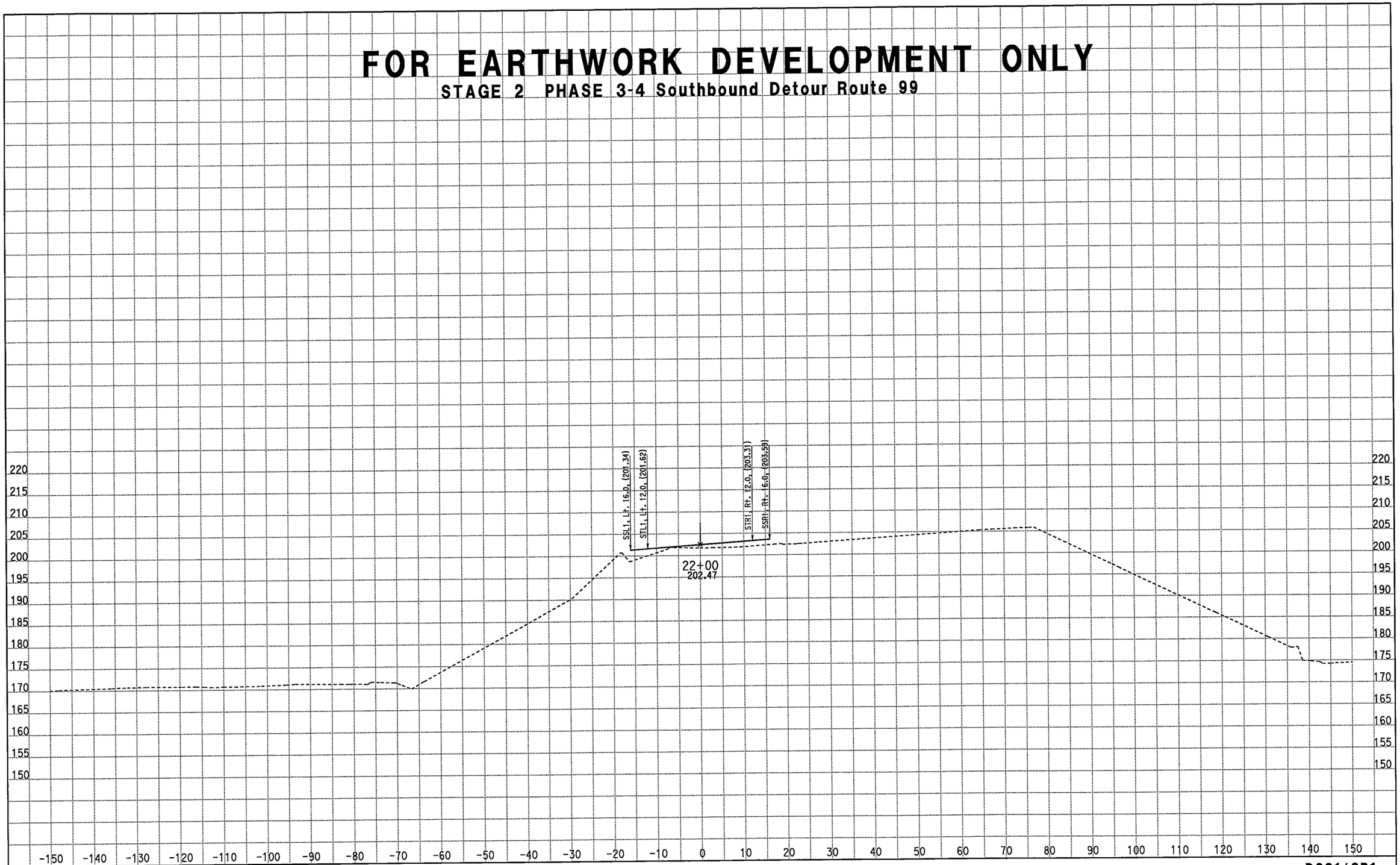
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 36 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

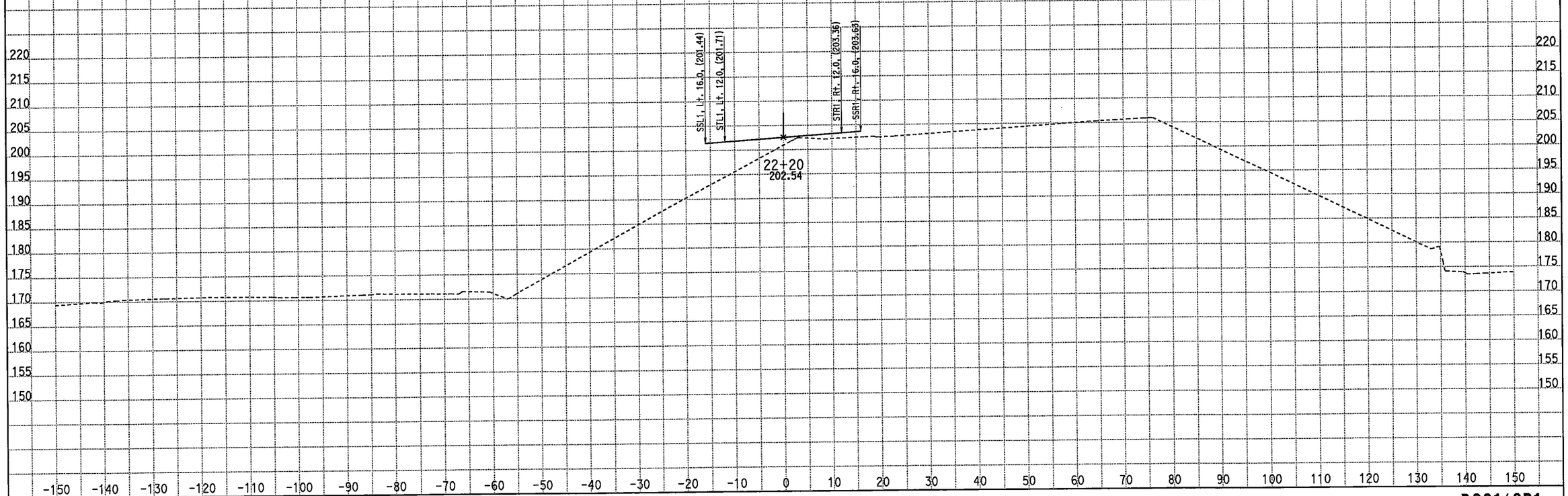
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

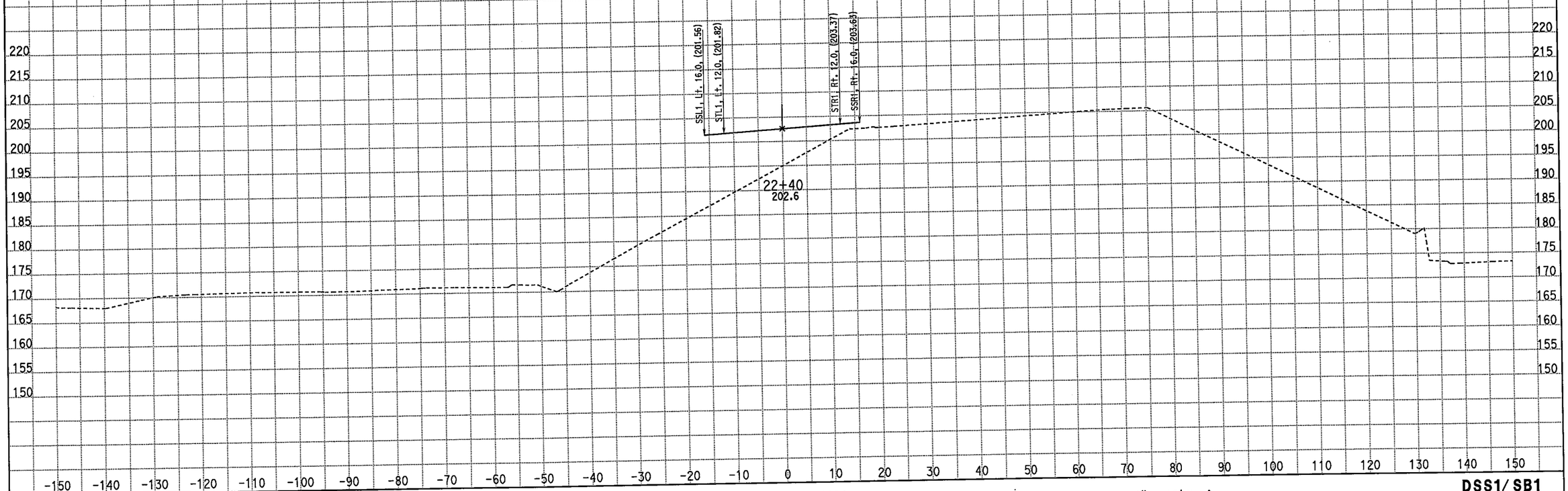
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 38 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

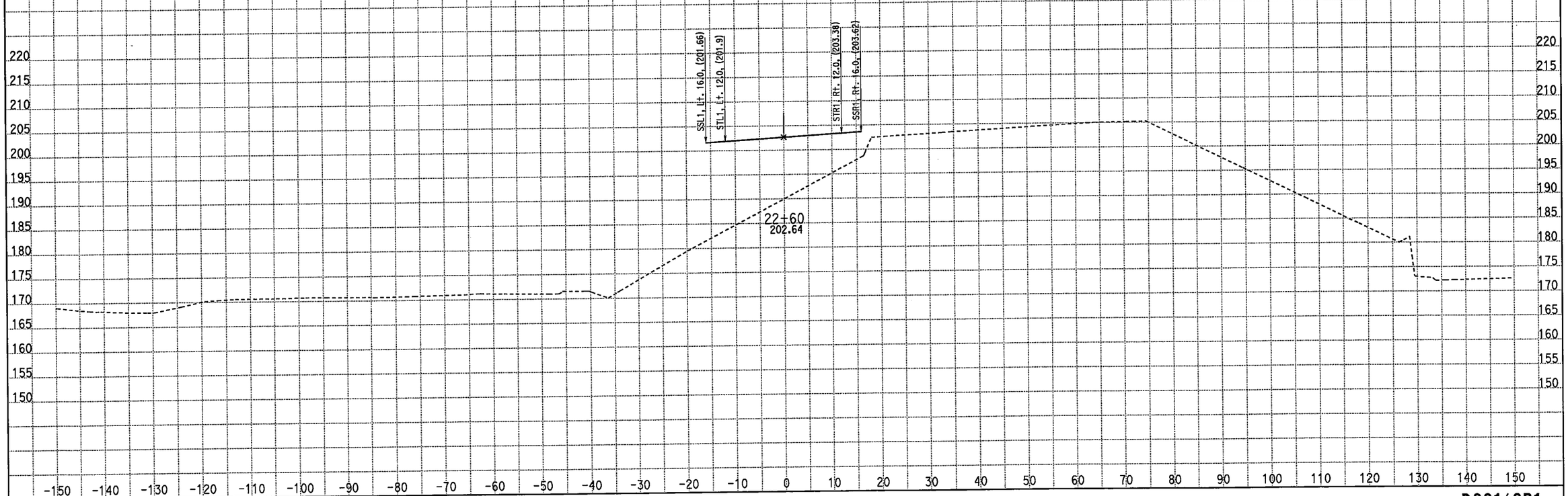
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 39 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

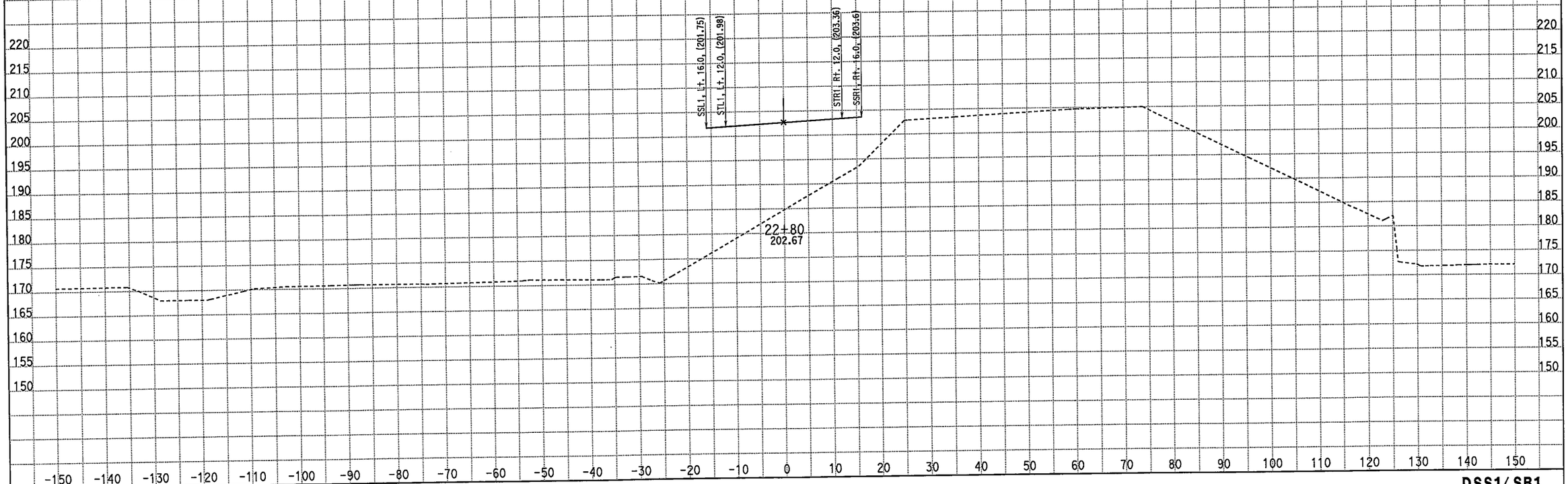
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

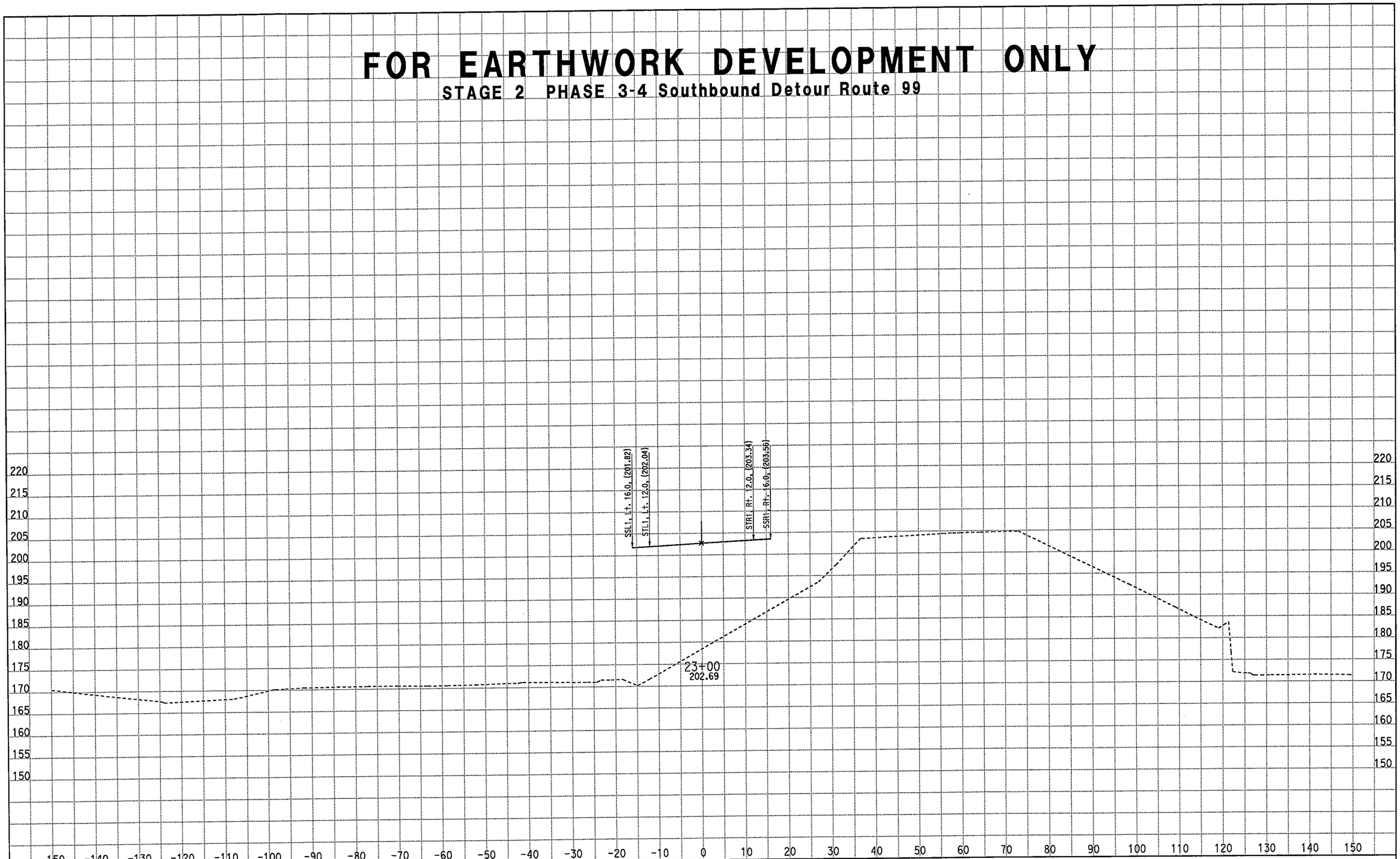
DSS1/SB1

CROSS SECTIONS

SHEET 41 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

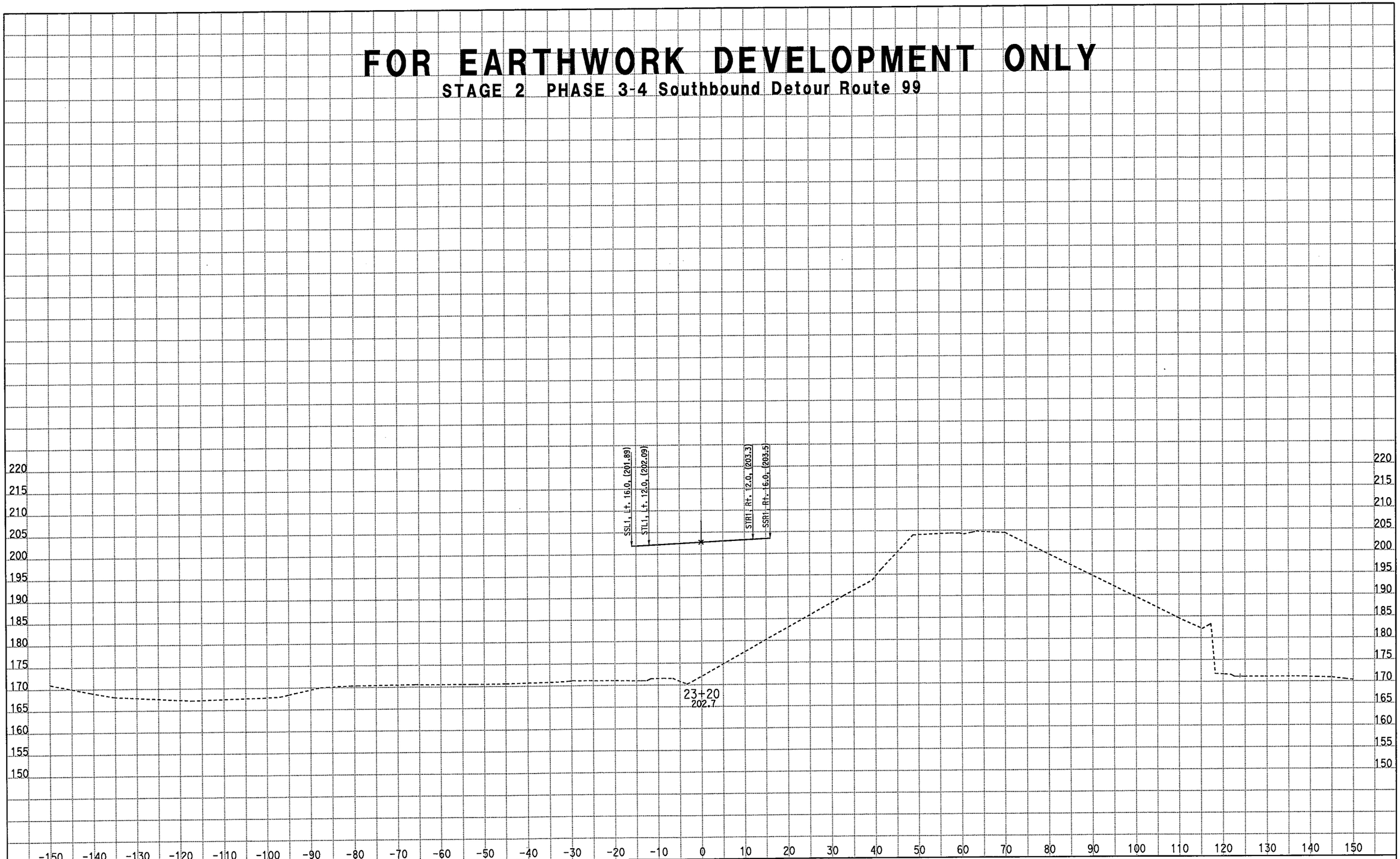
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

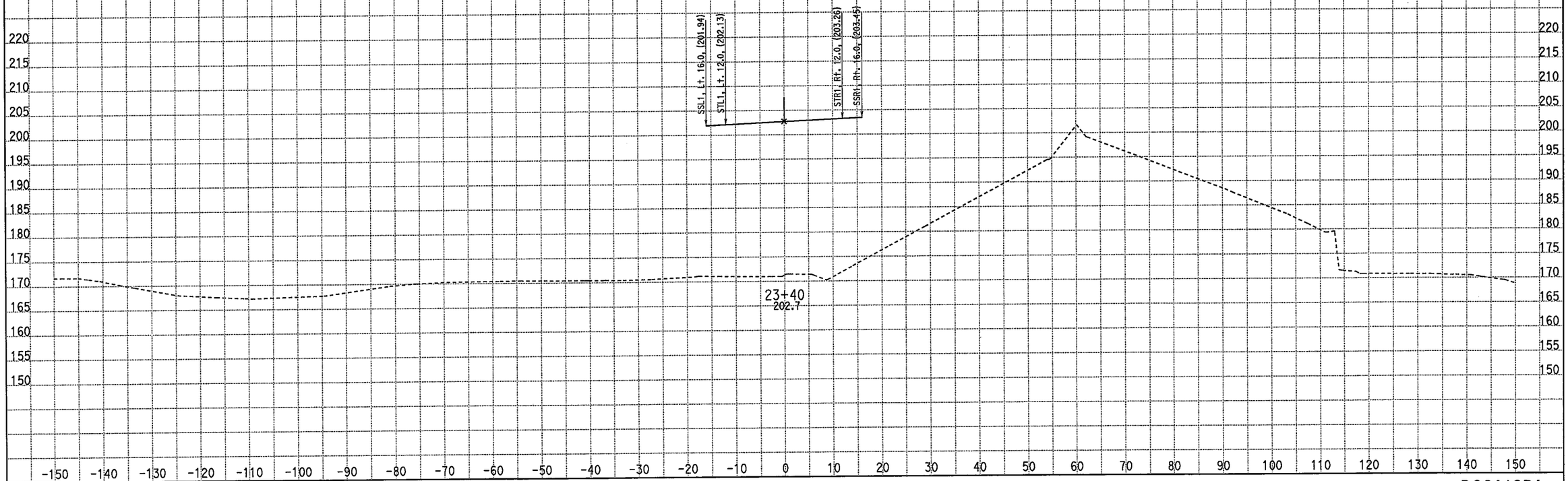
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 43 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

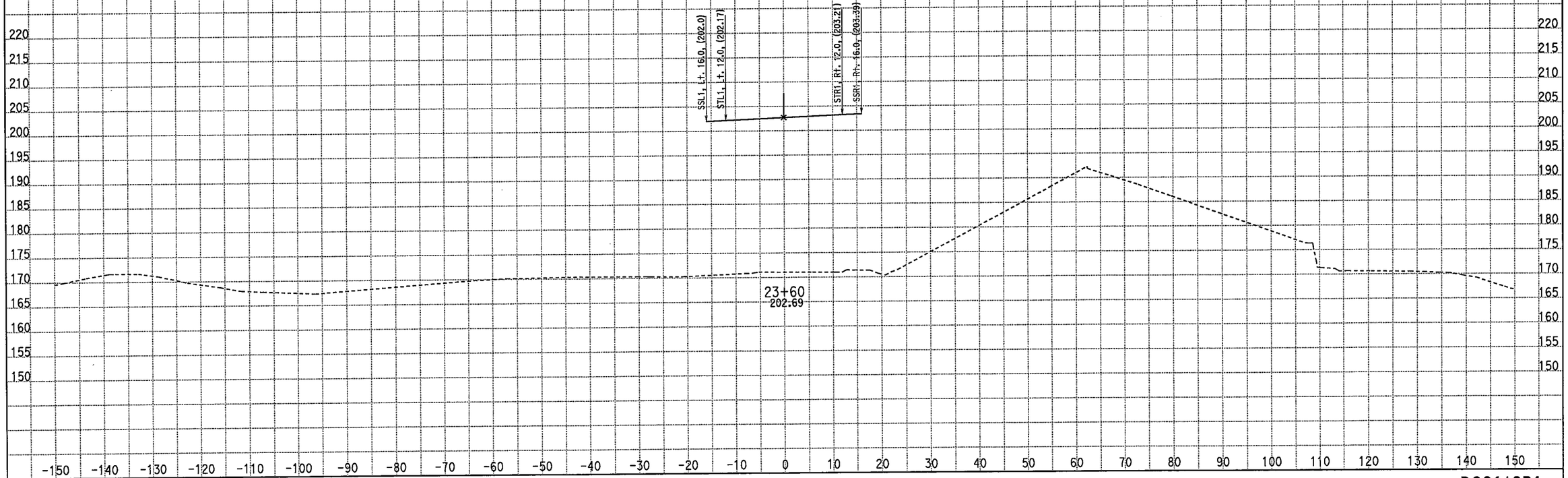
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 44 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

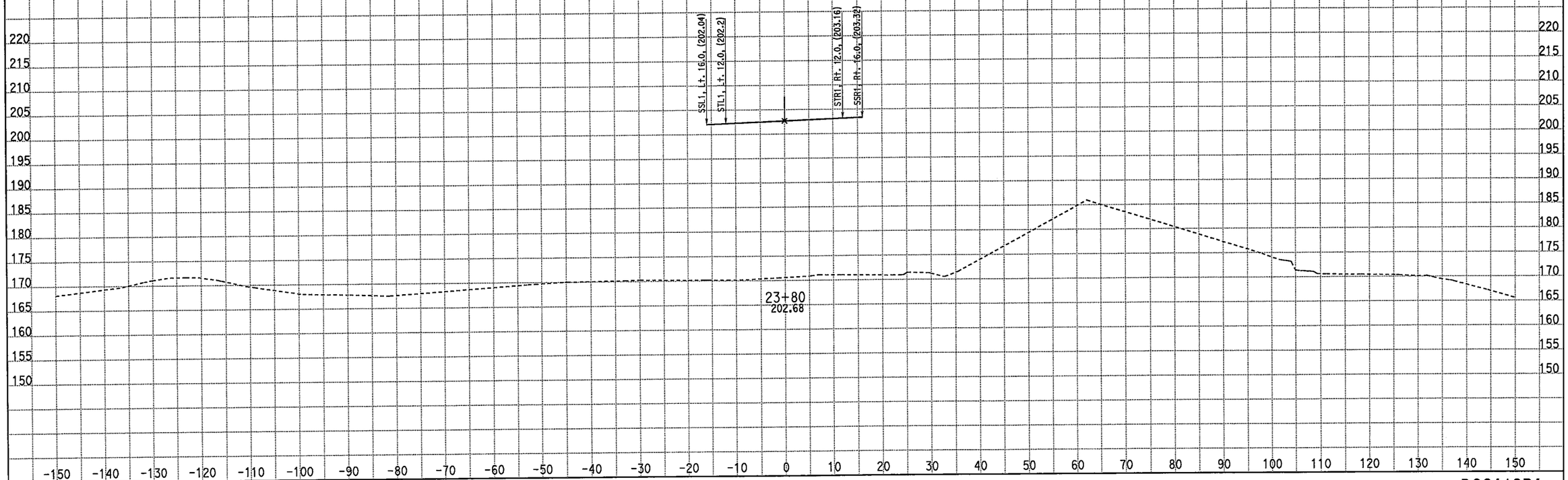
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 45 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

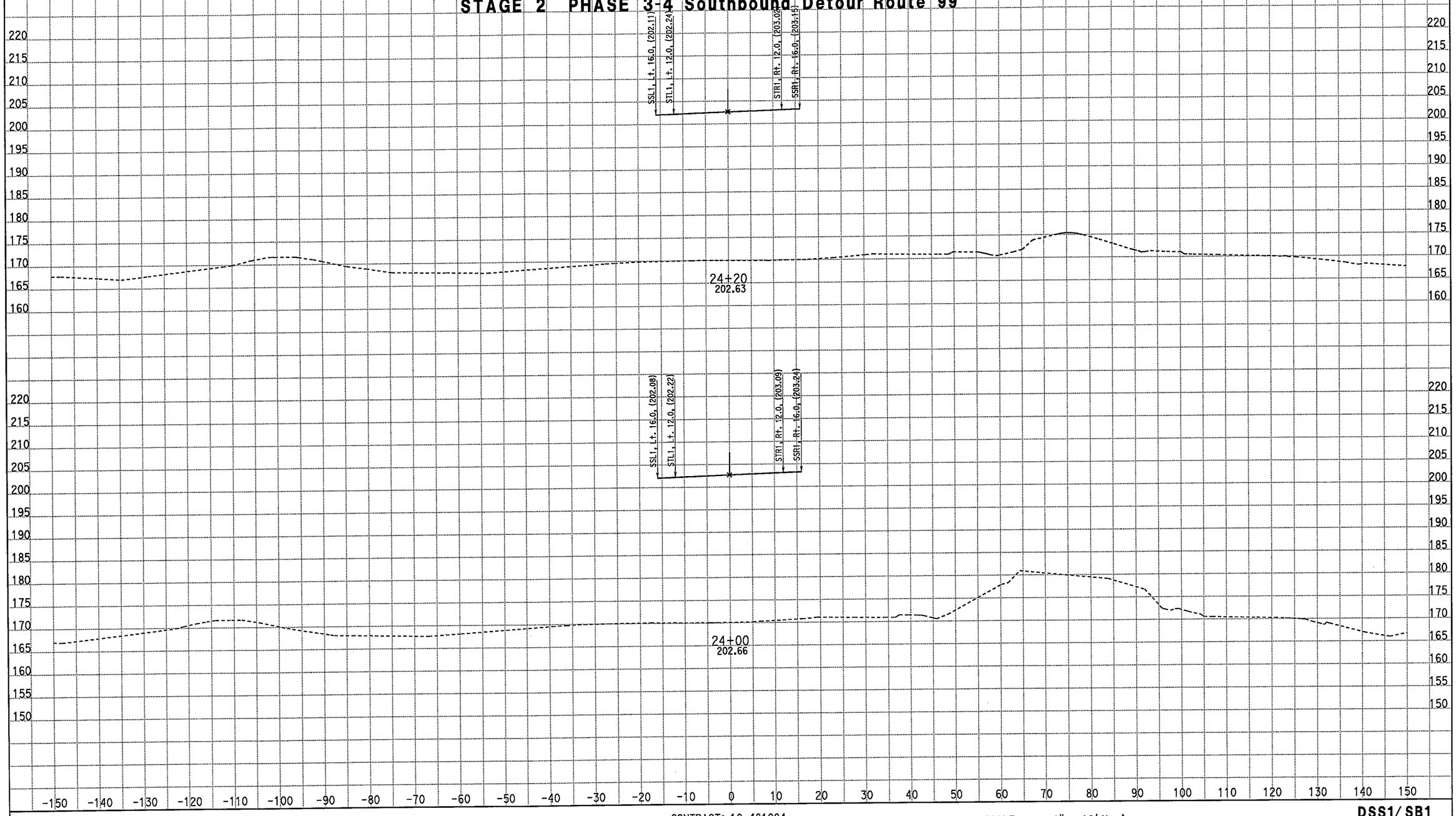
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

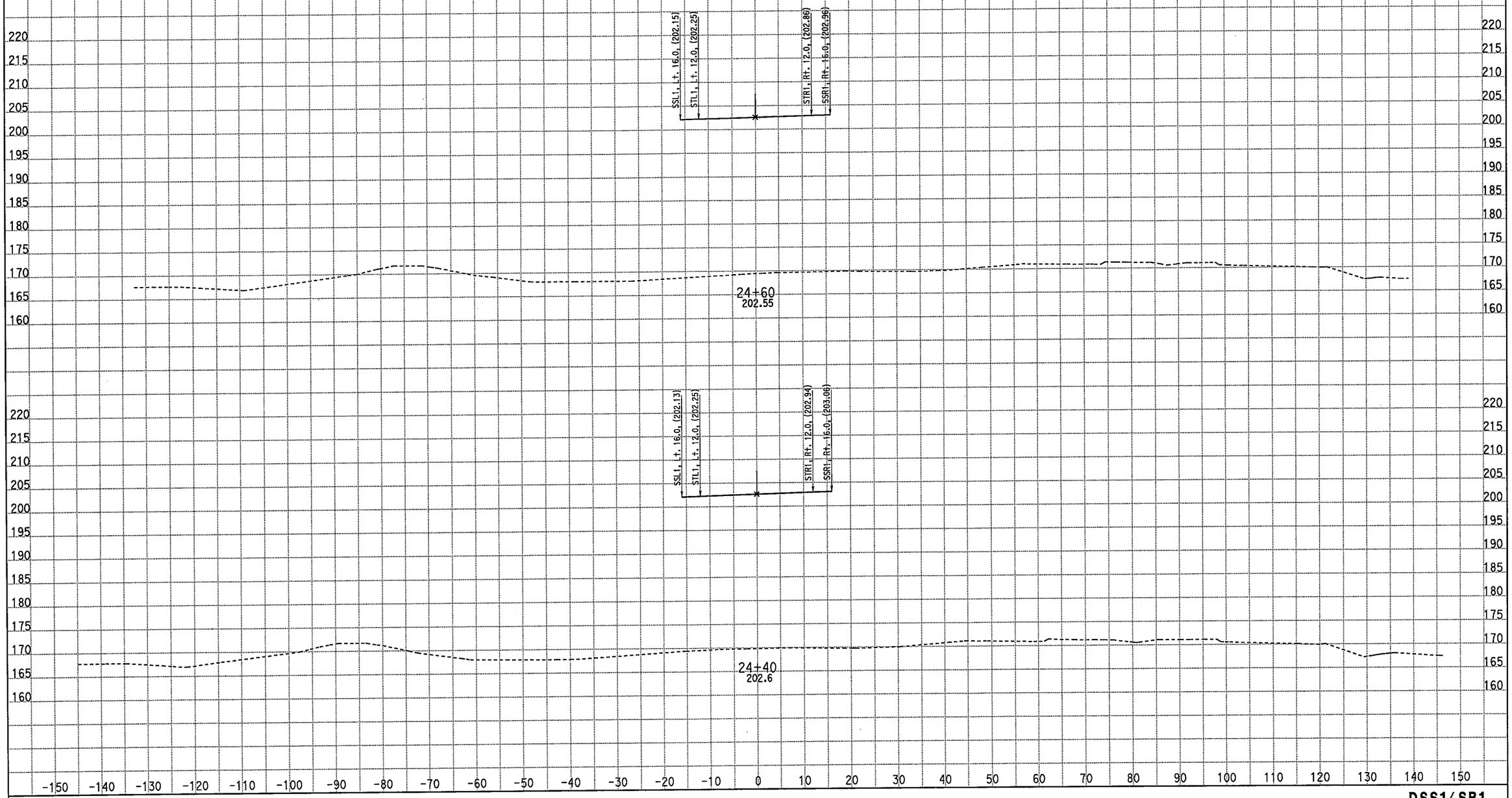
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

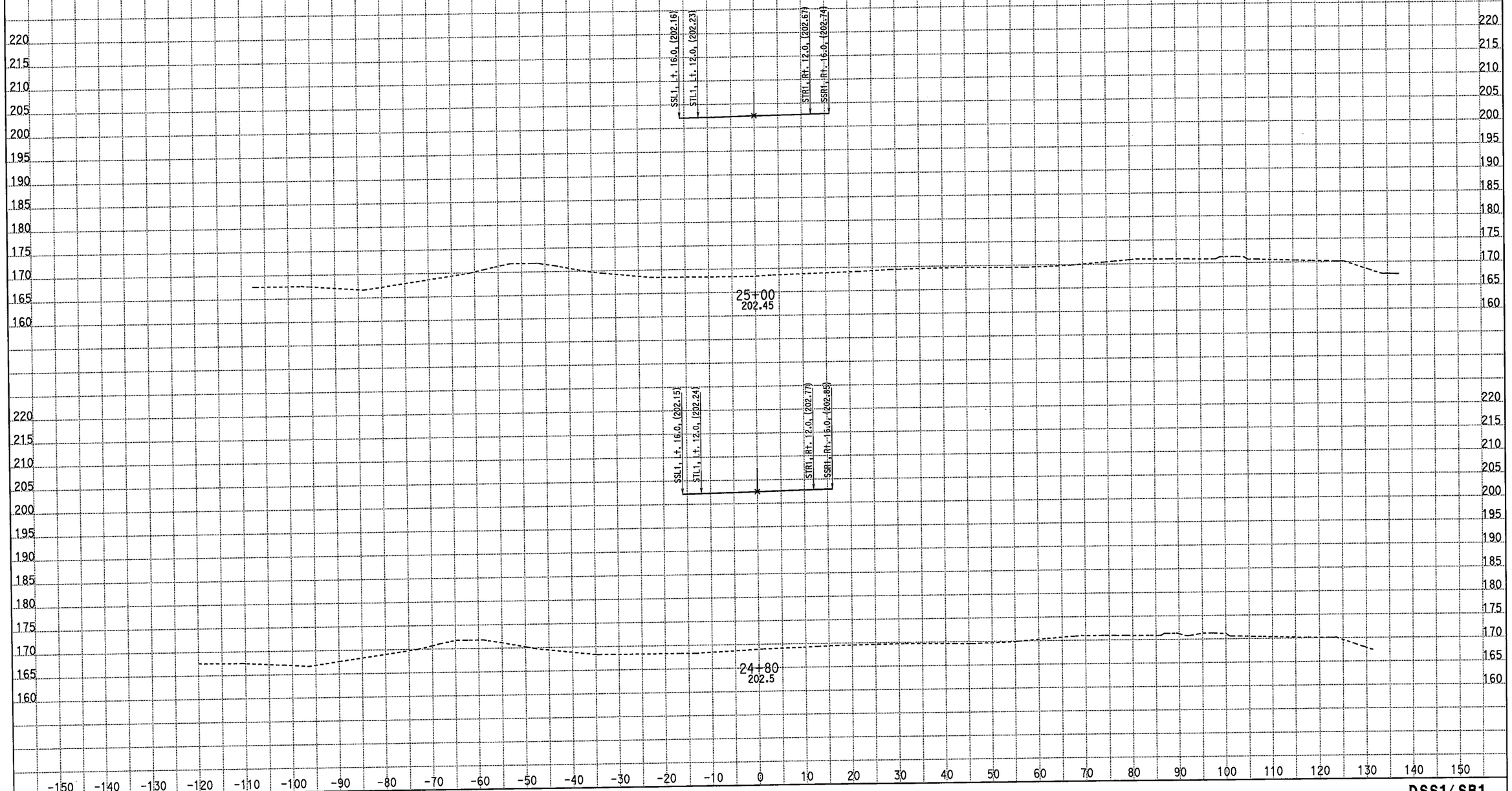
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 48 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

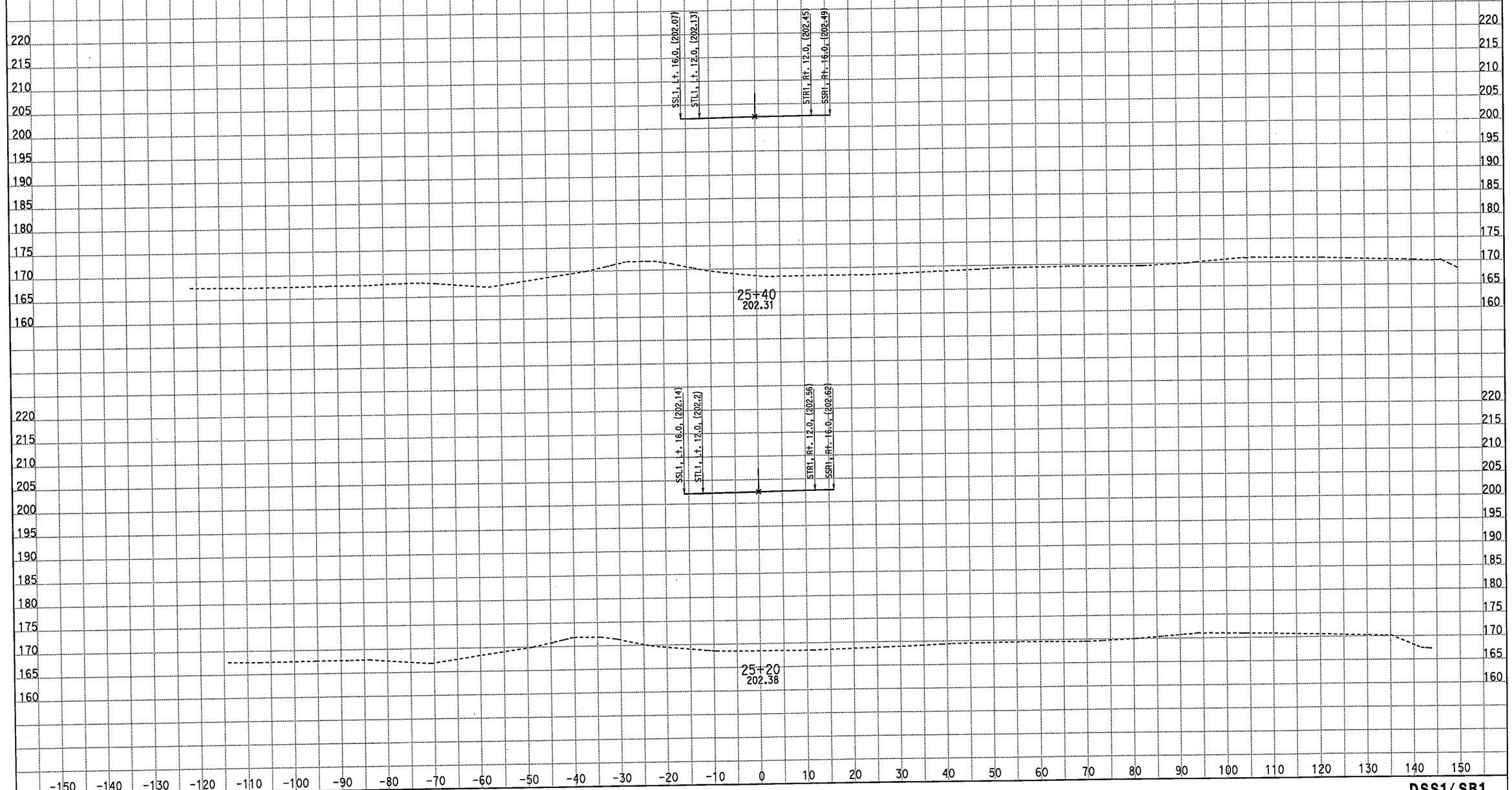
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 49 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

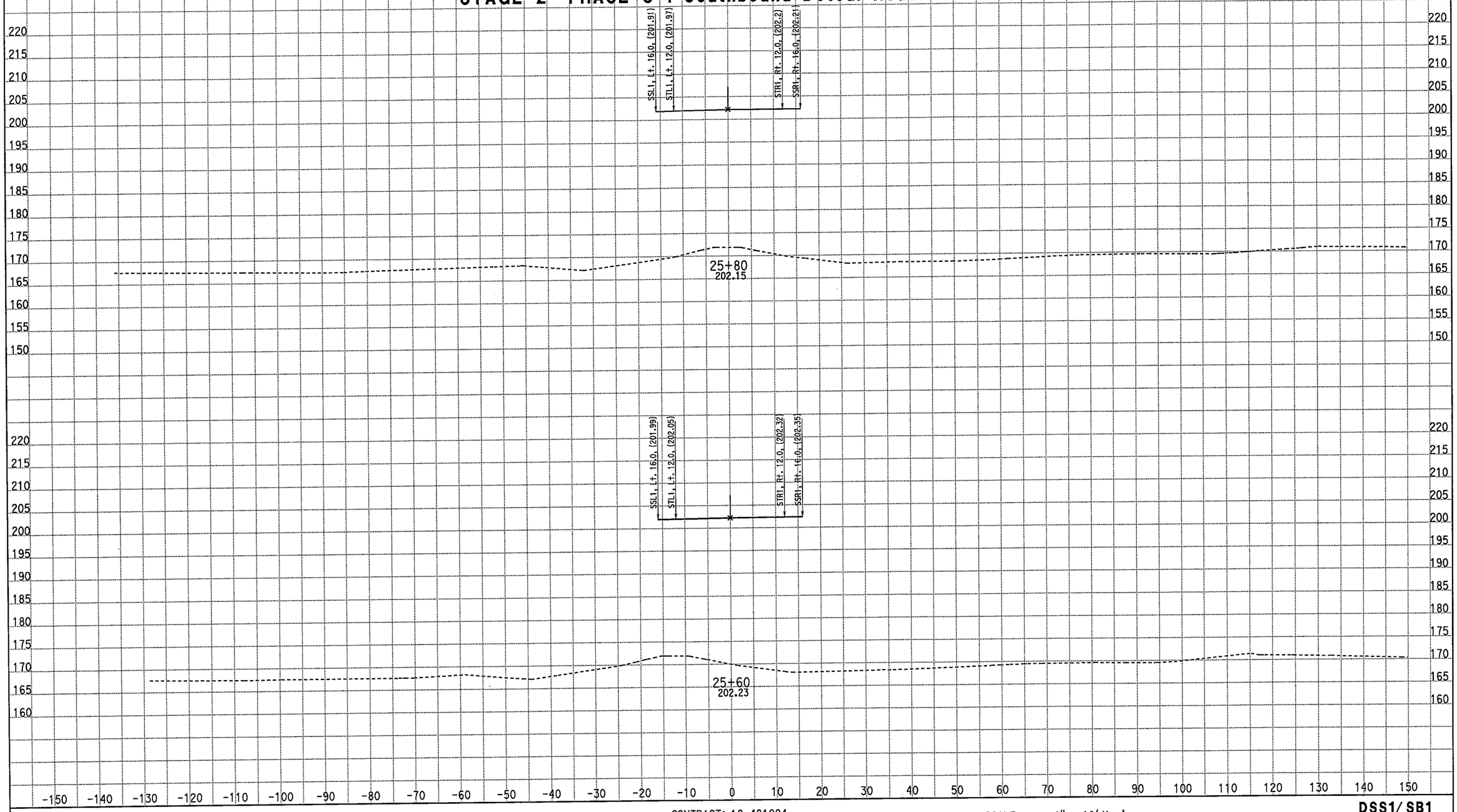
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 50 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

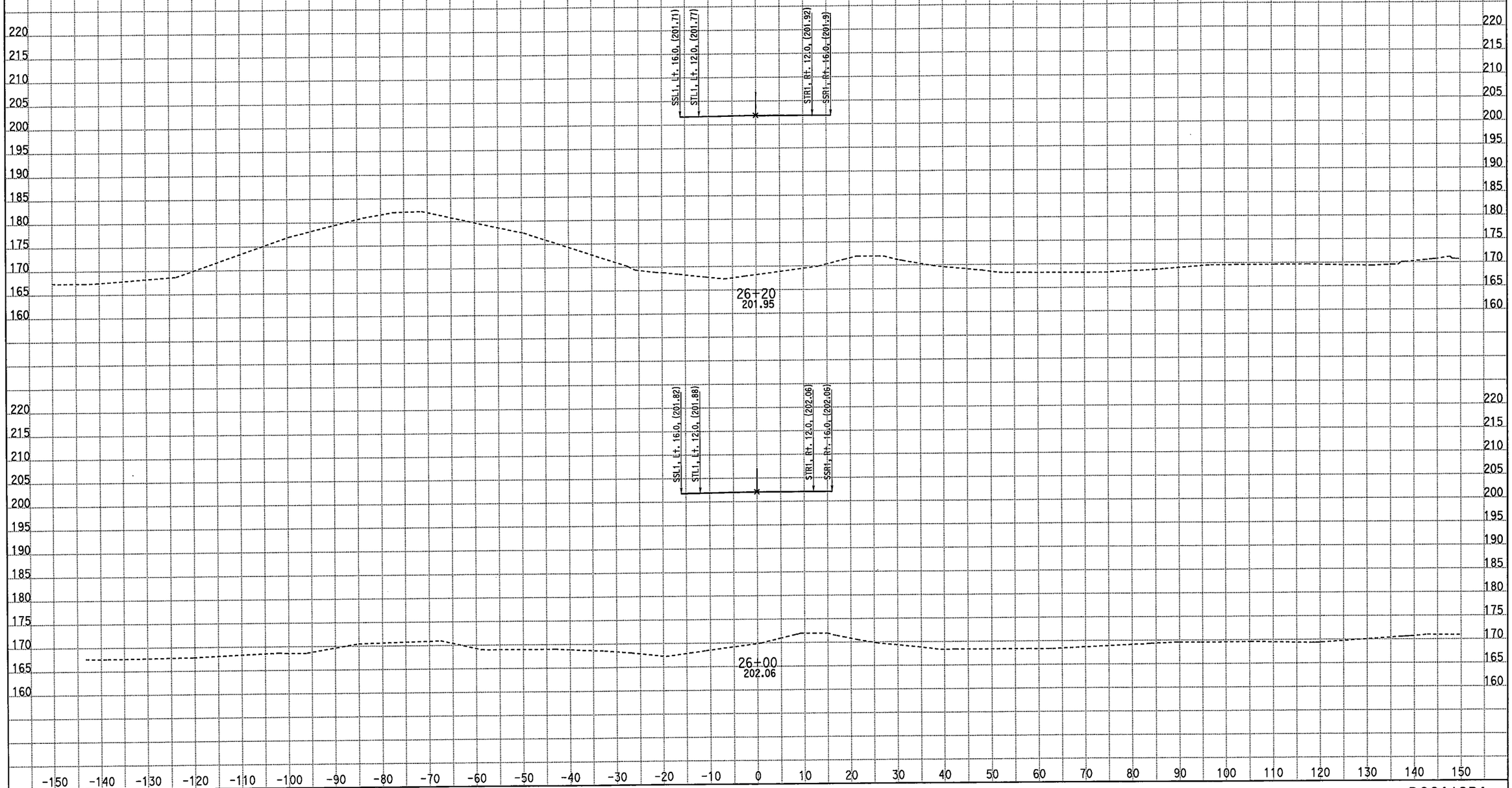
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 51 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

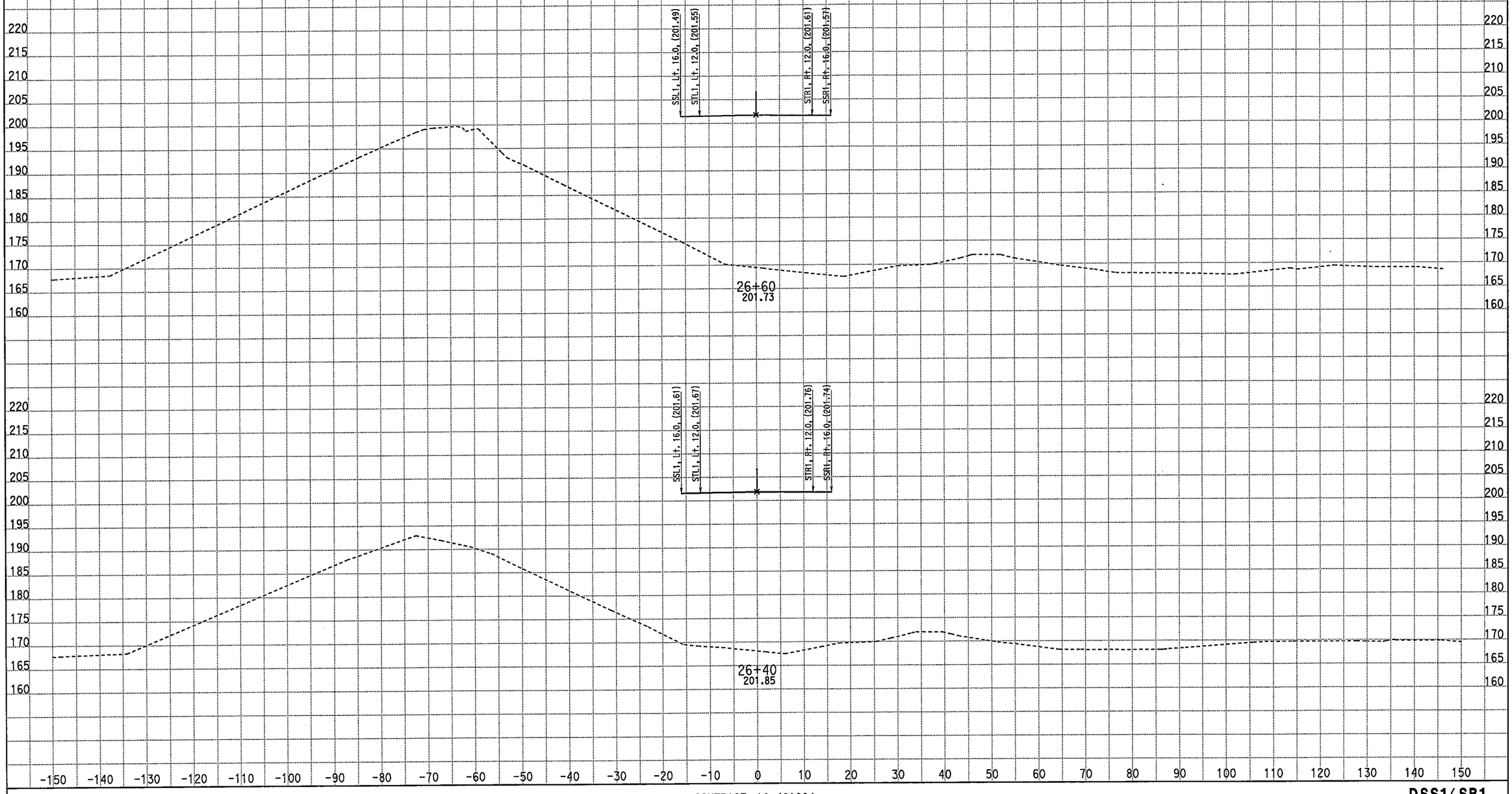
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 52 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

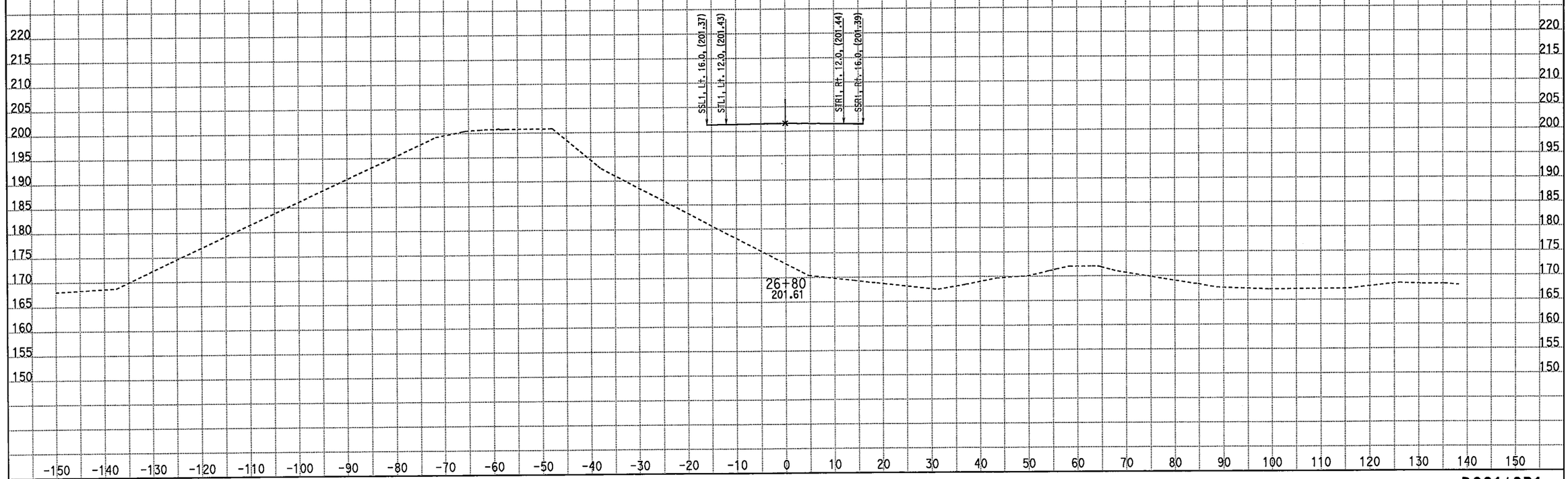
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

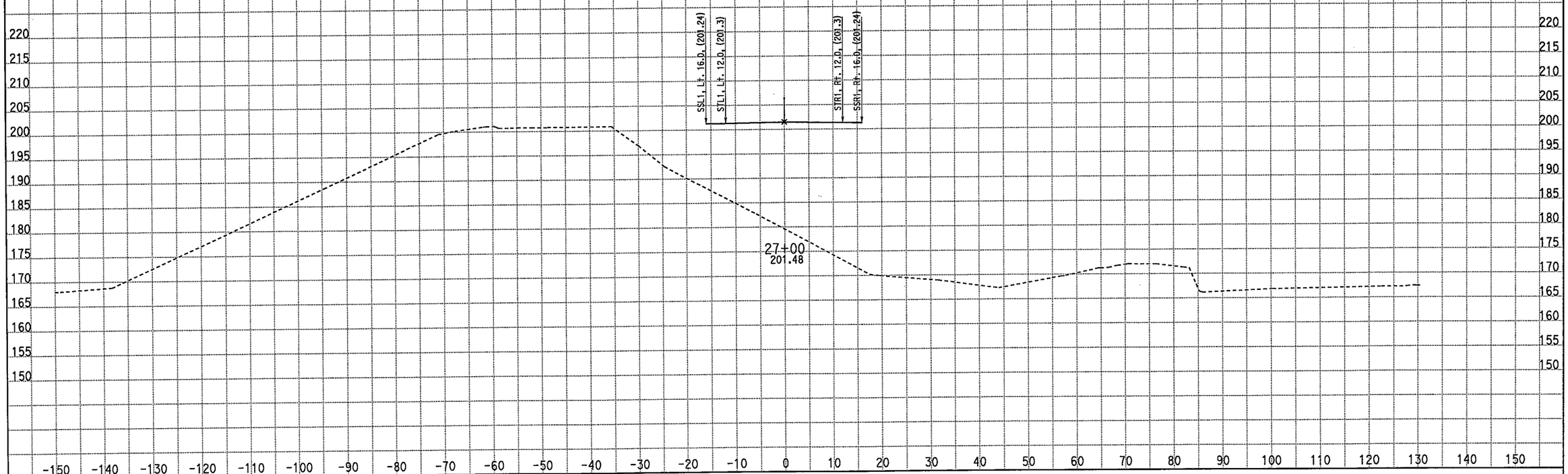
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 54 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

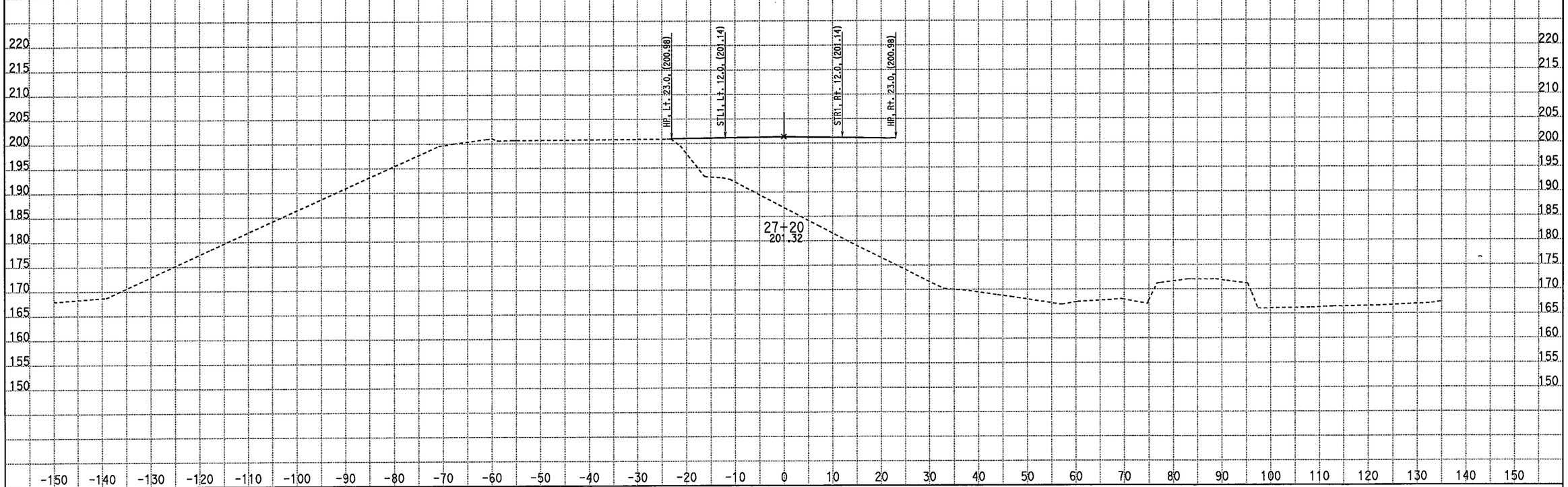
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 55 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

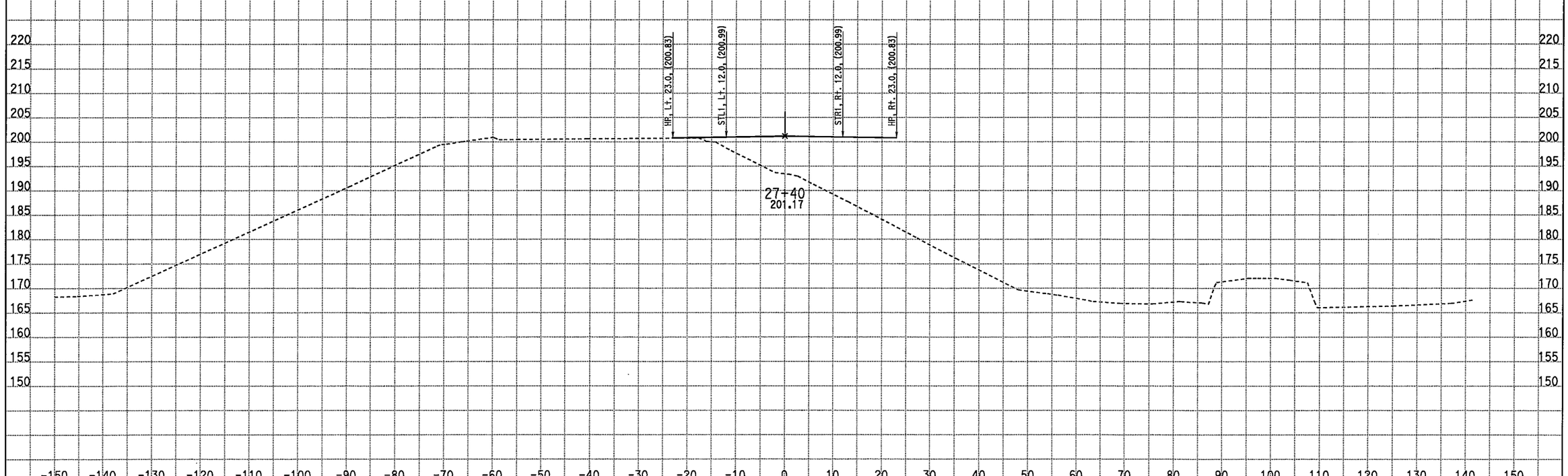
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 56 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

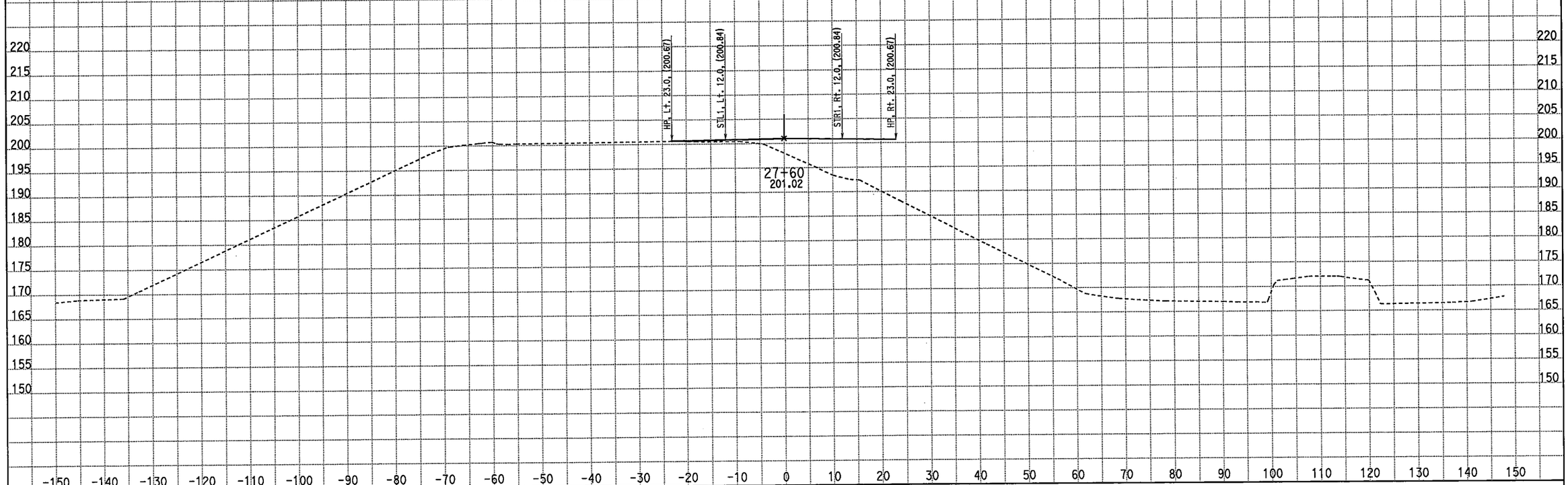
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

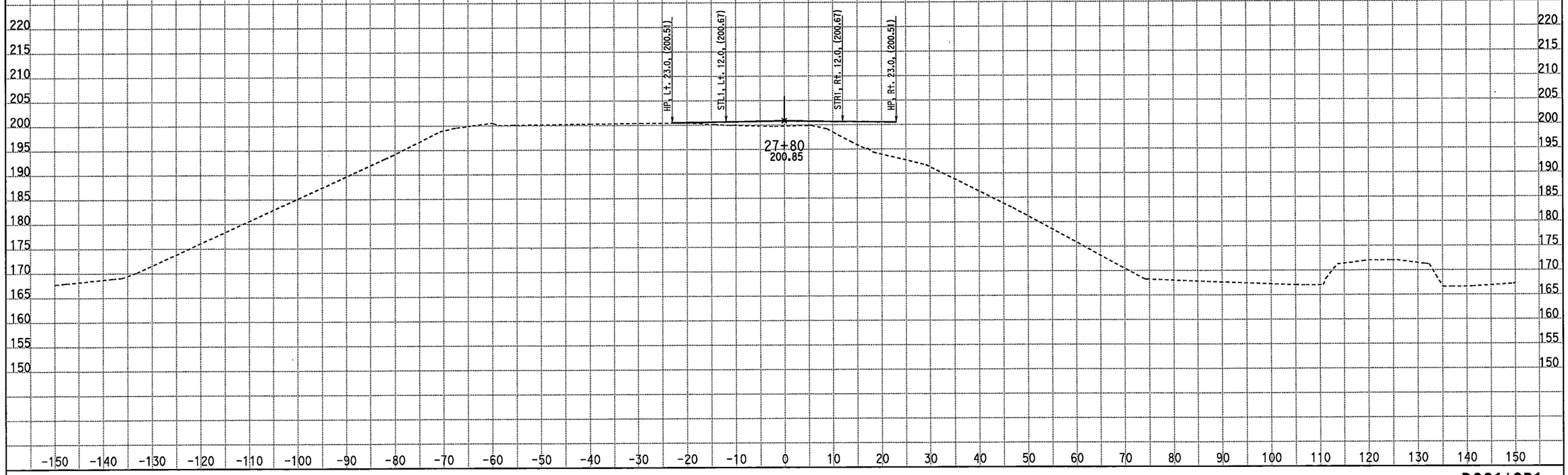
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

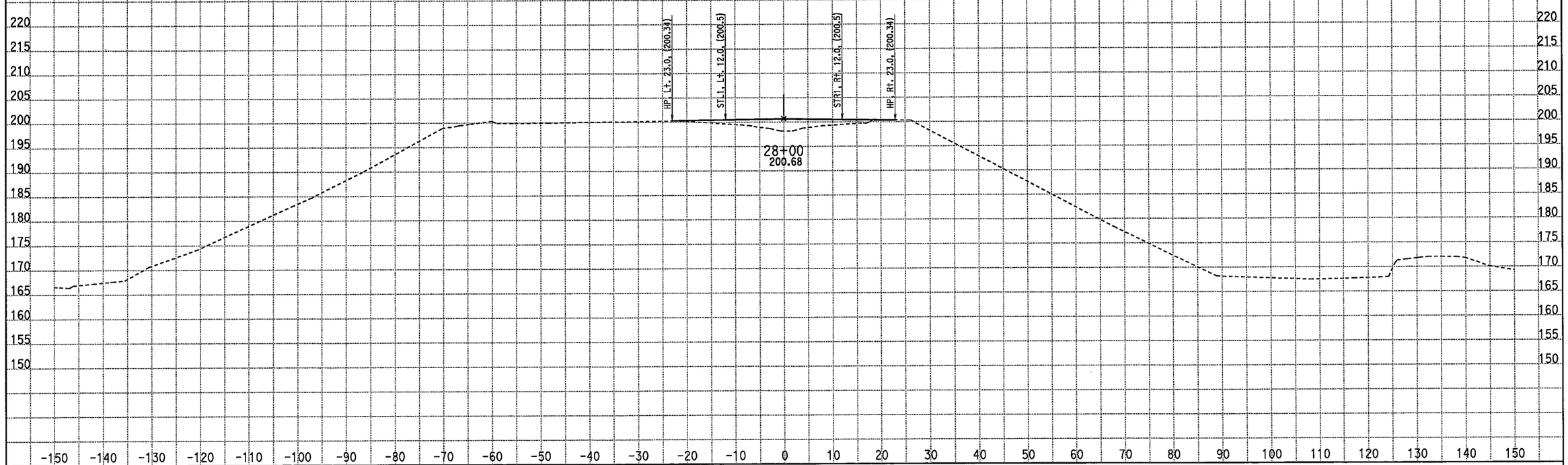
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

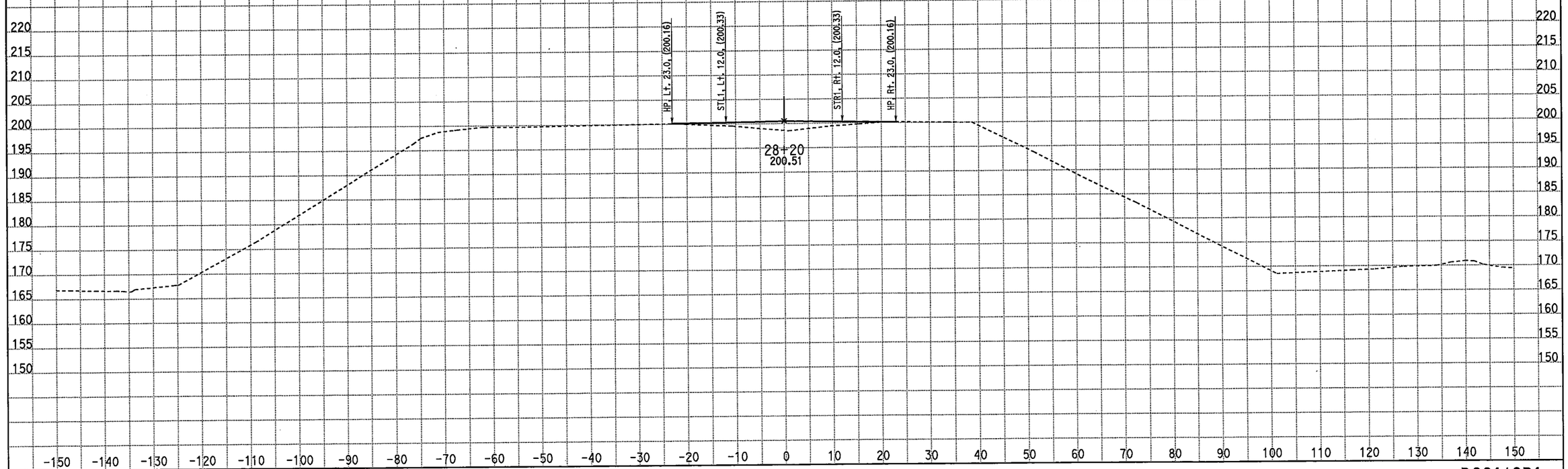
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

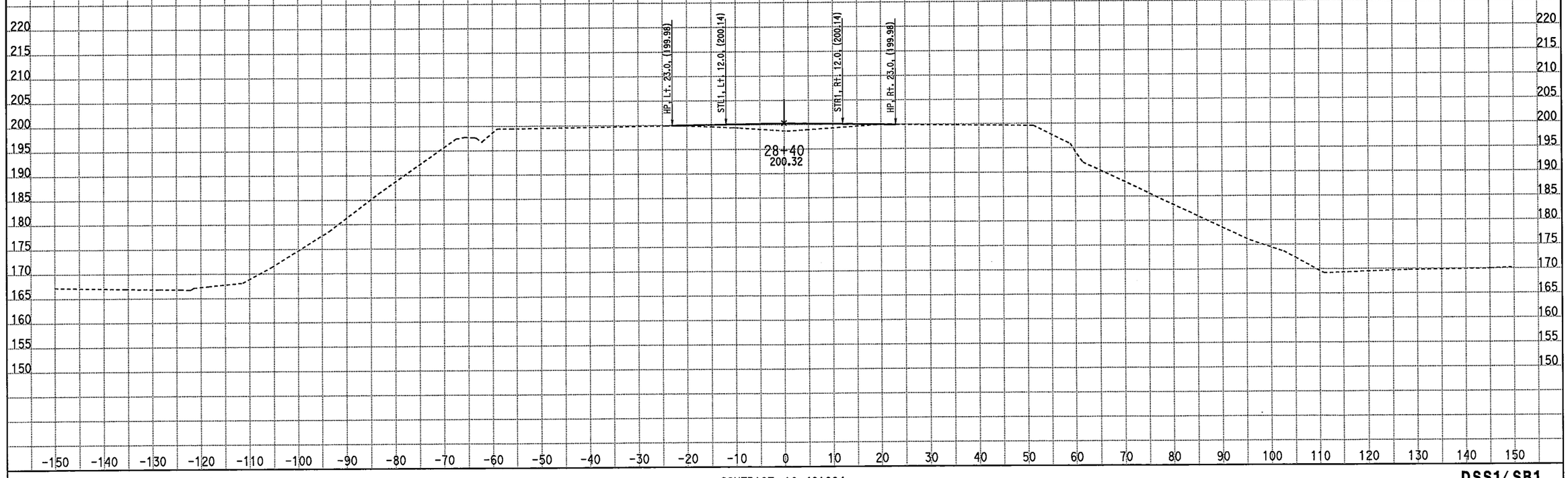
All Dimensions are US Survey Feet

DSS1/ SB1
CROSS SECTIONS

SHEET 61 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

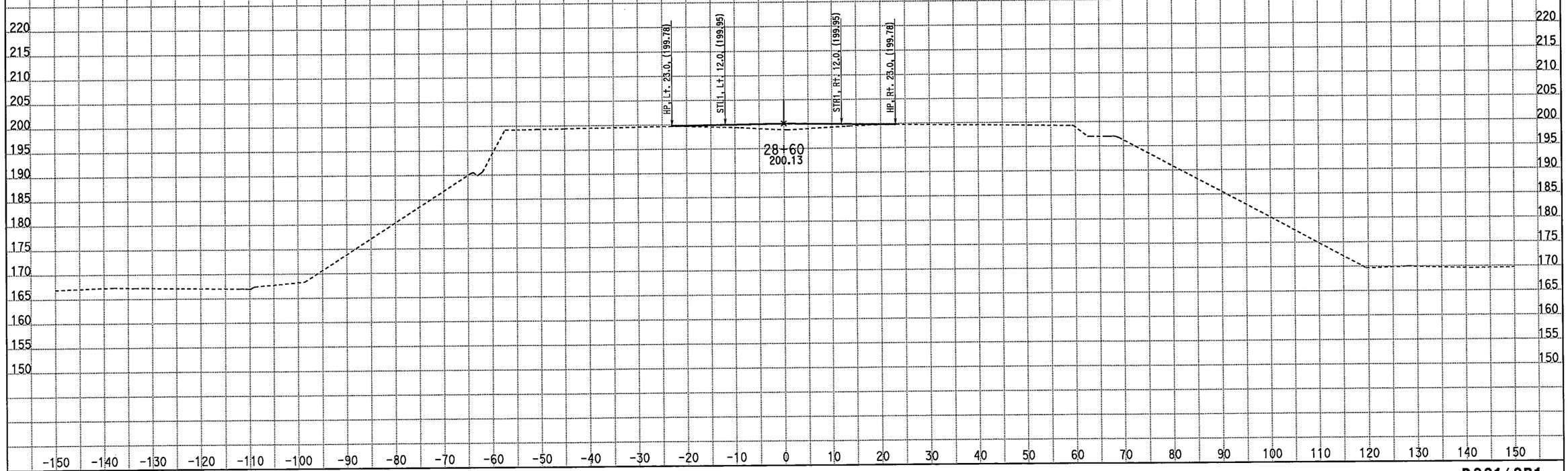
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 62 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

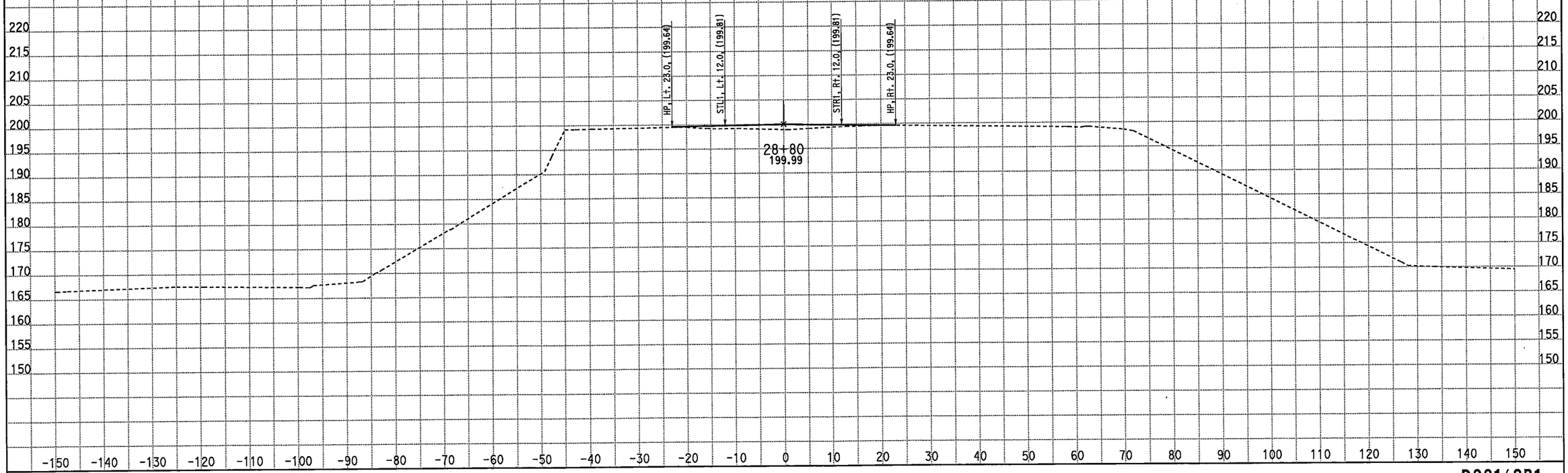
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 63 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

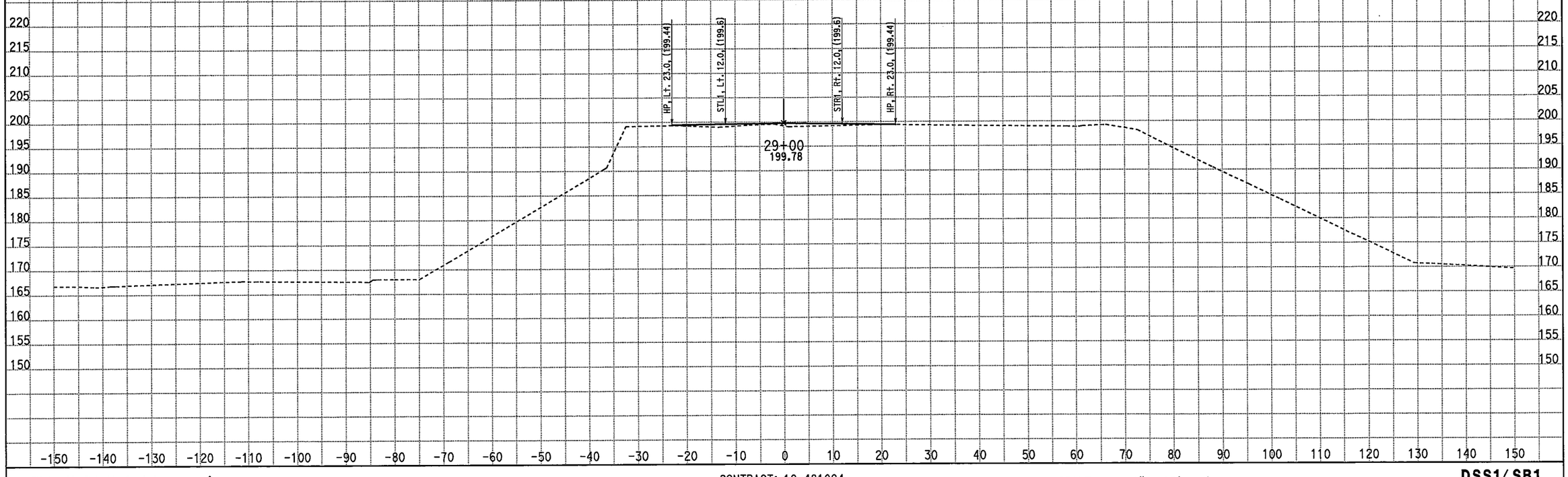
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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PROJECT ID: EMOH

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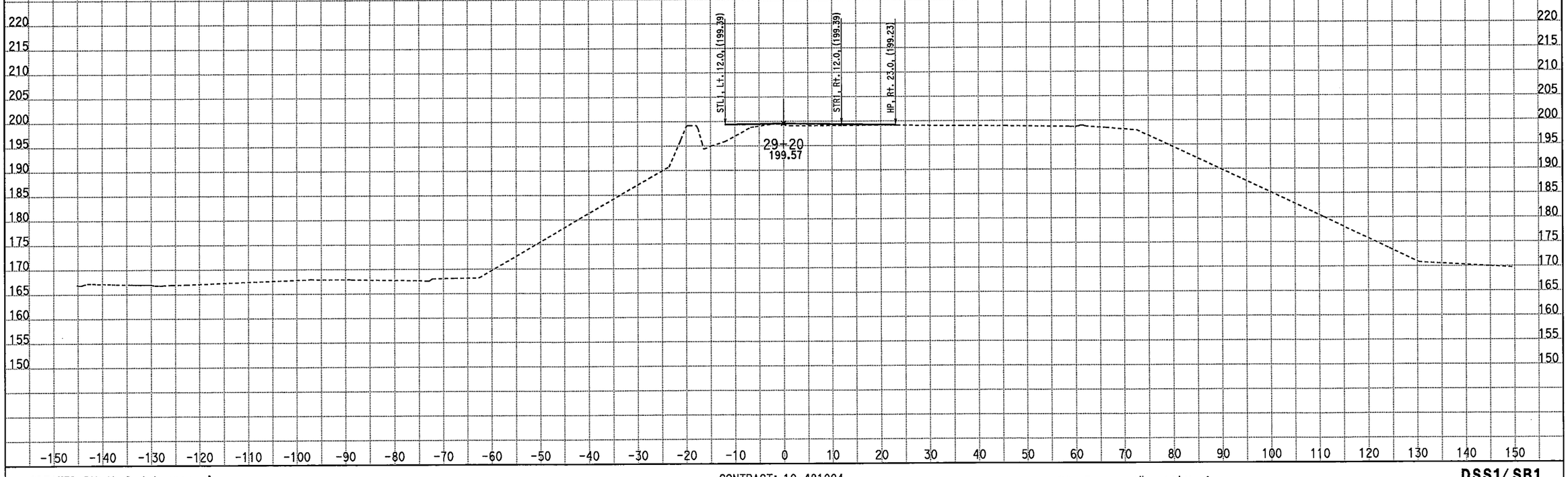
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

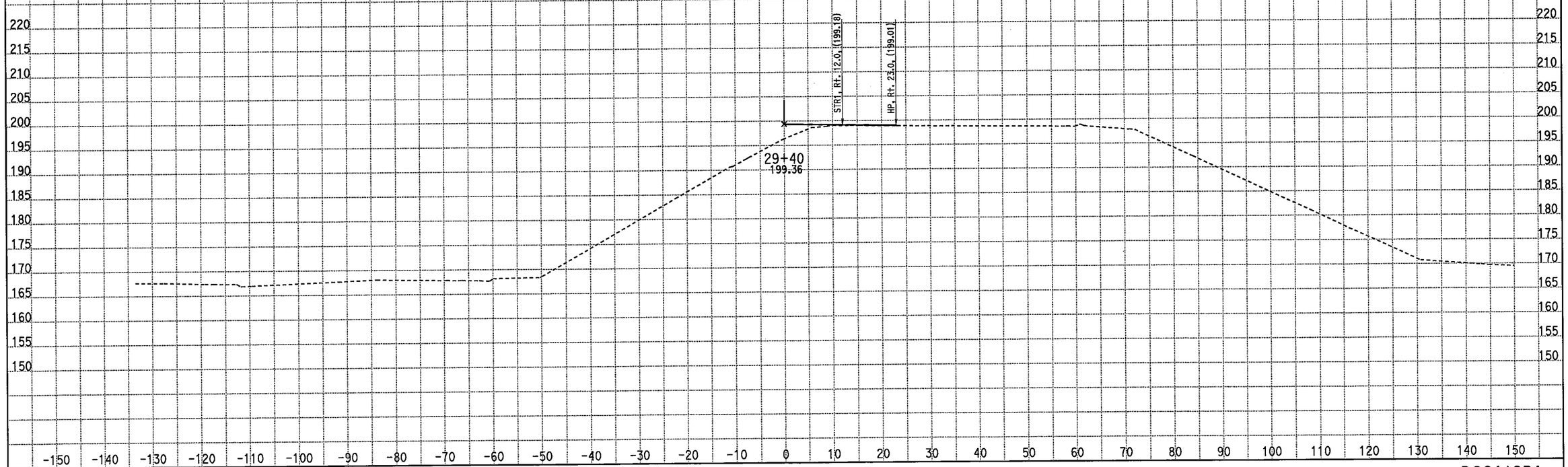
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 66 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

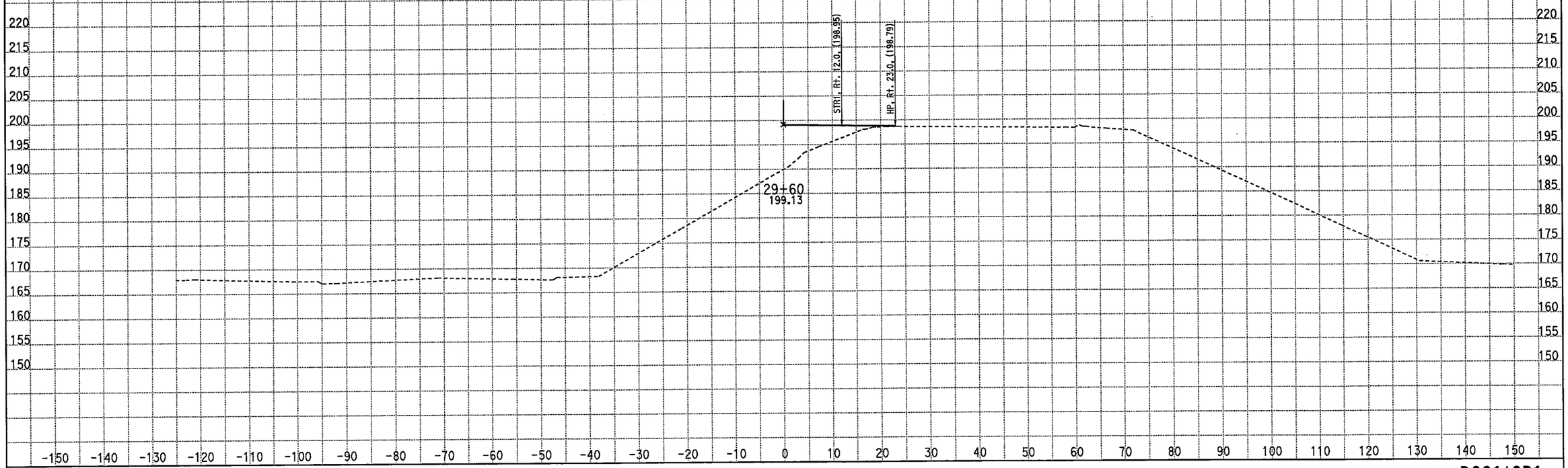
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

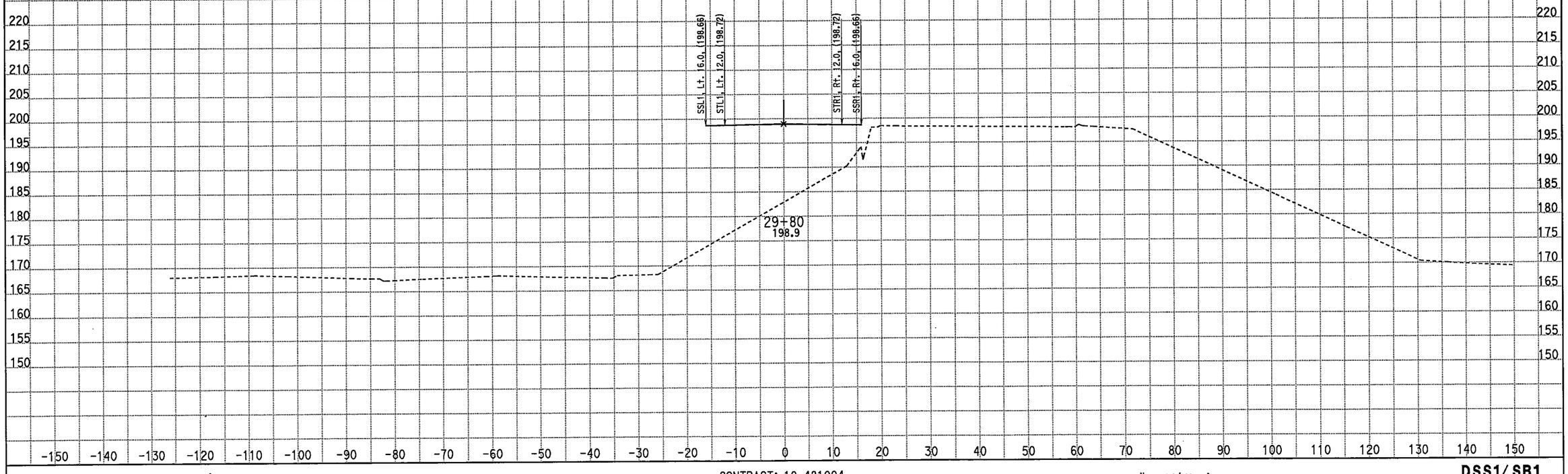
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

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CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

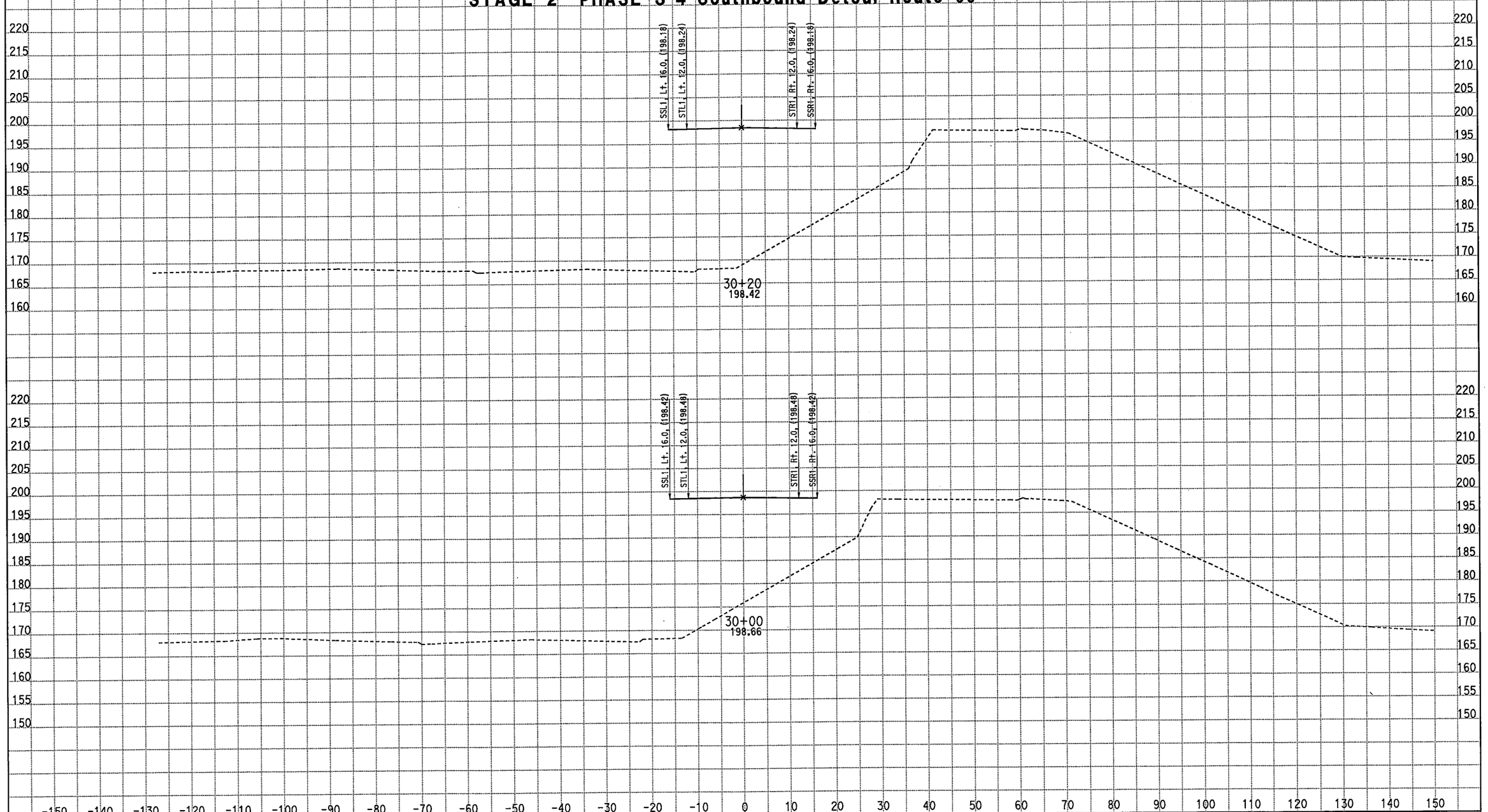
DSS1/SB1

CROSS SECTIONS

SHEET 69 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

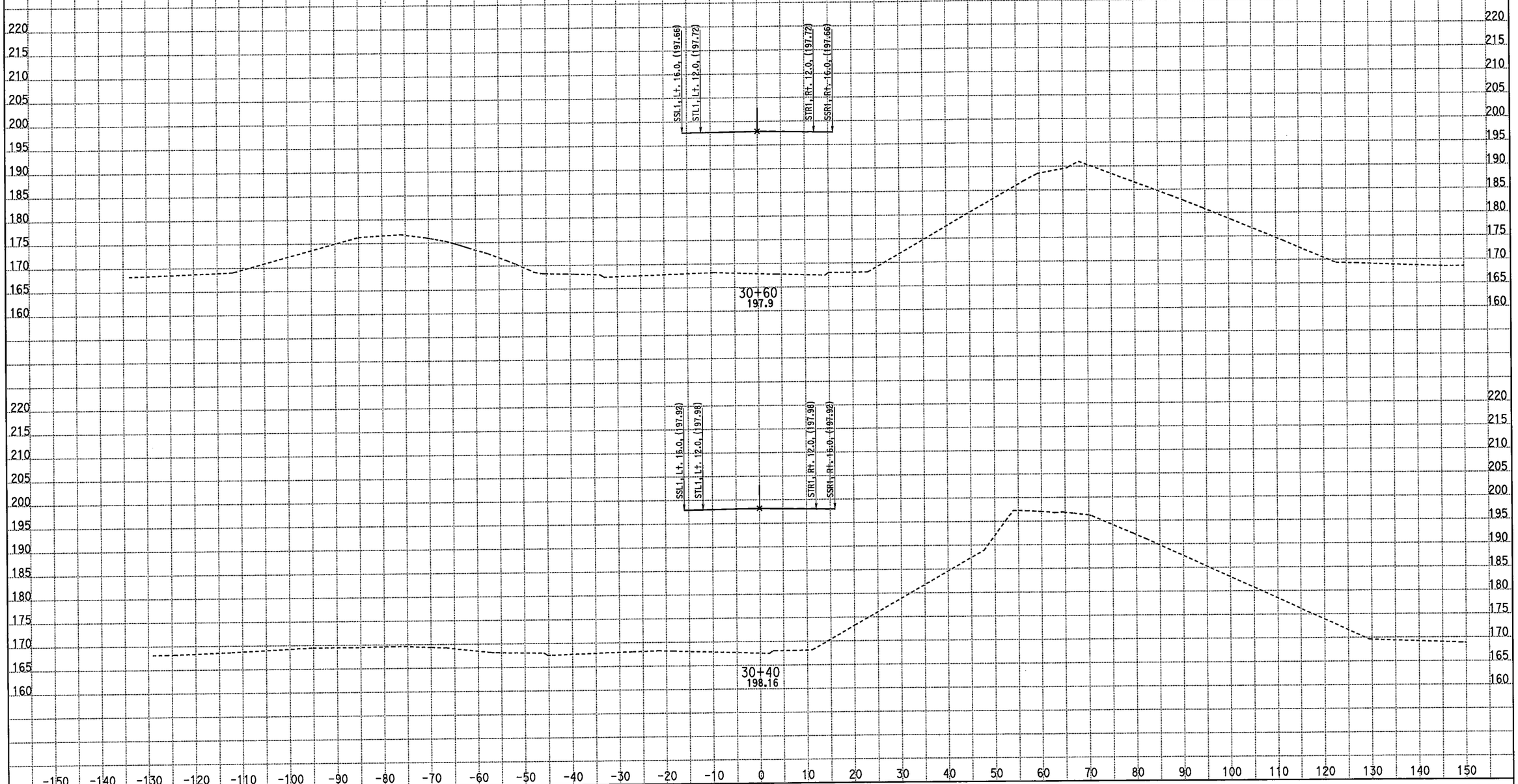
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
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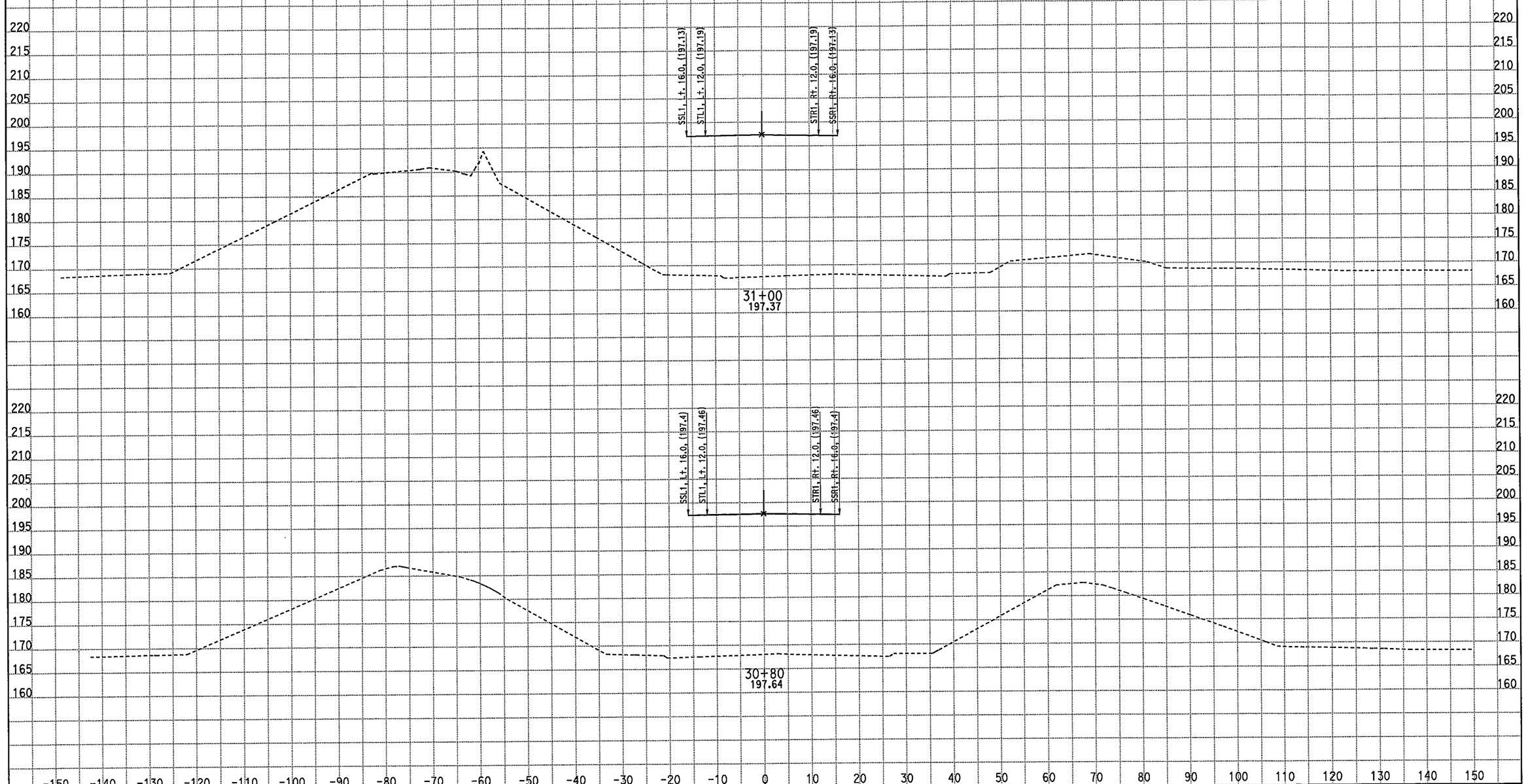
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

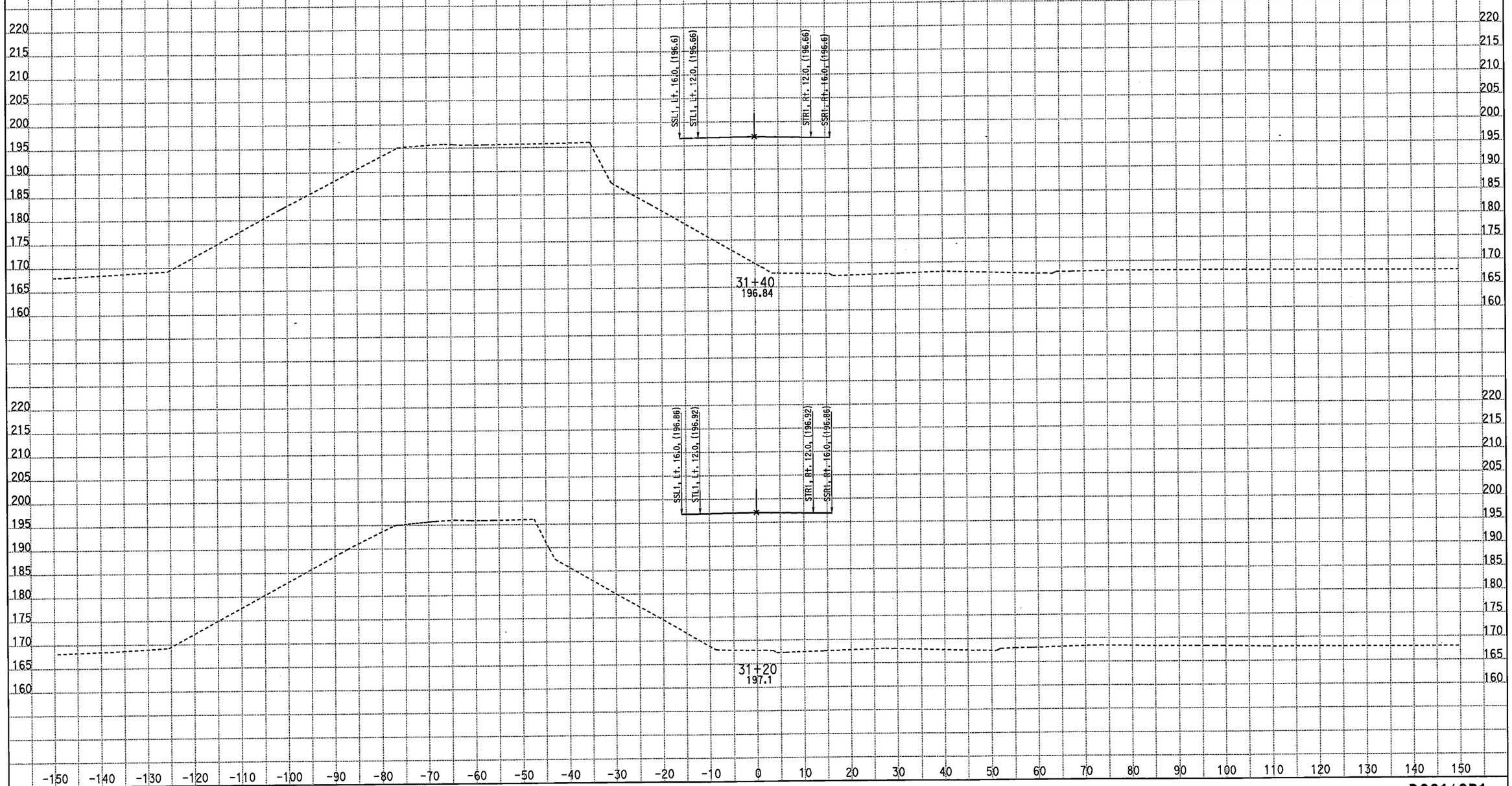
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

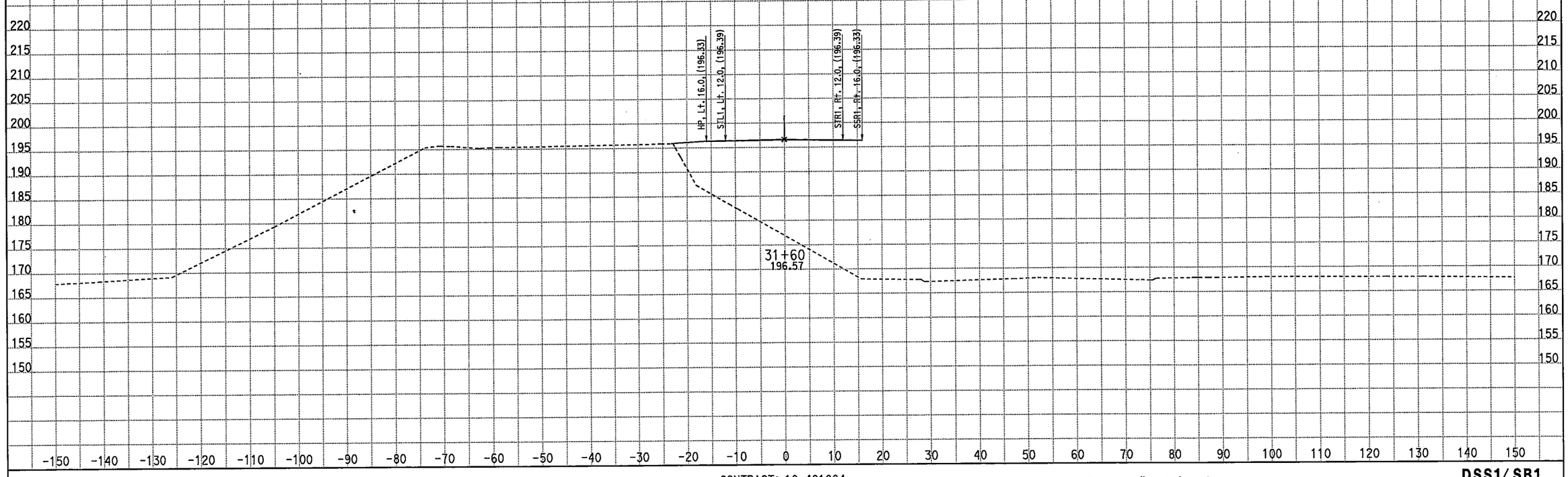
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 73 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

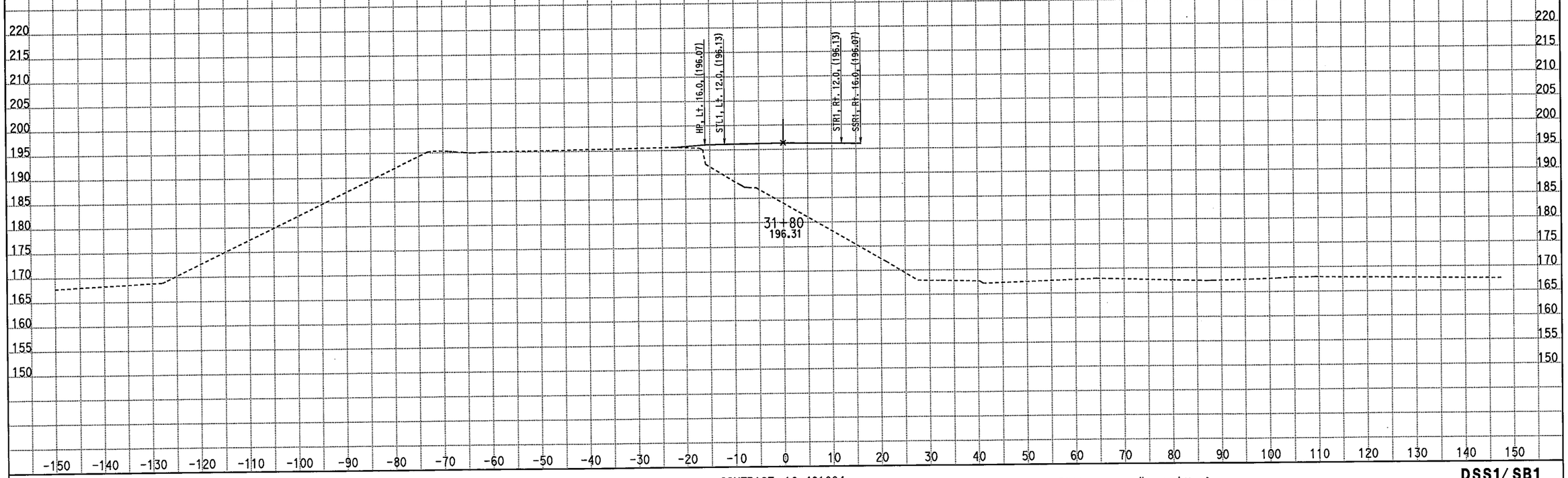
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori

DATE: 3/18/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

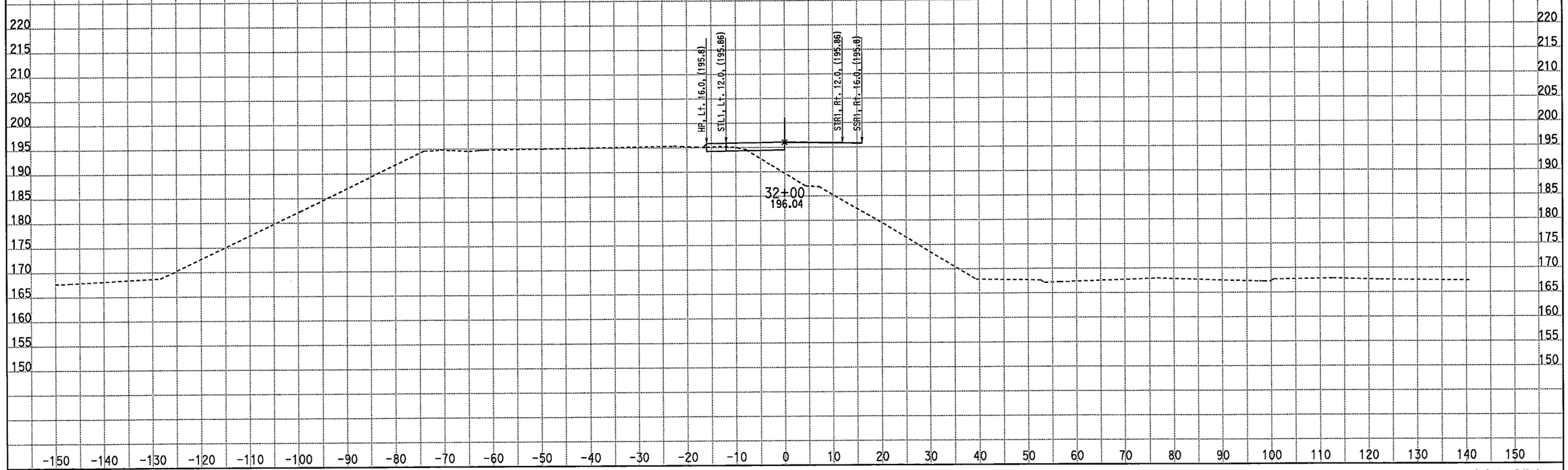
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 75 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

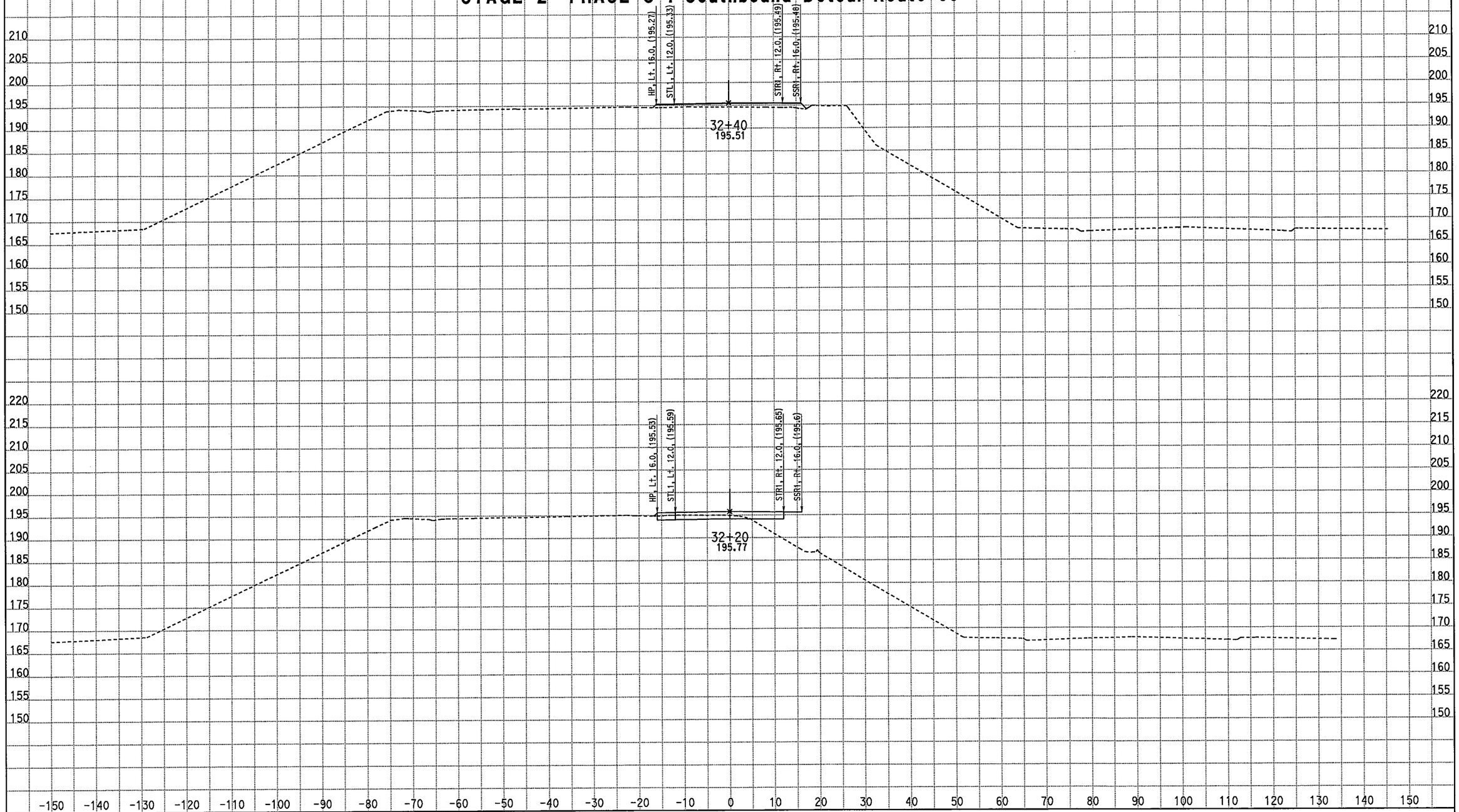
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 76 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

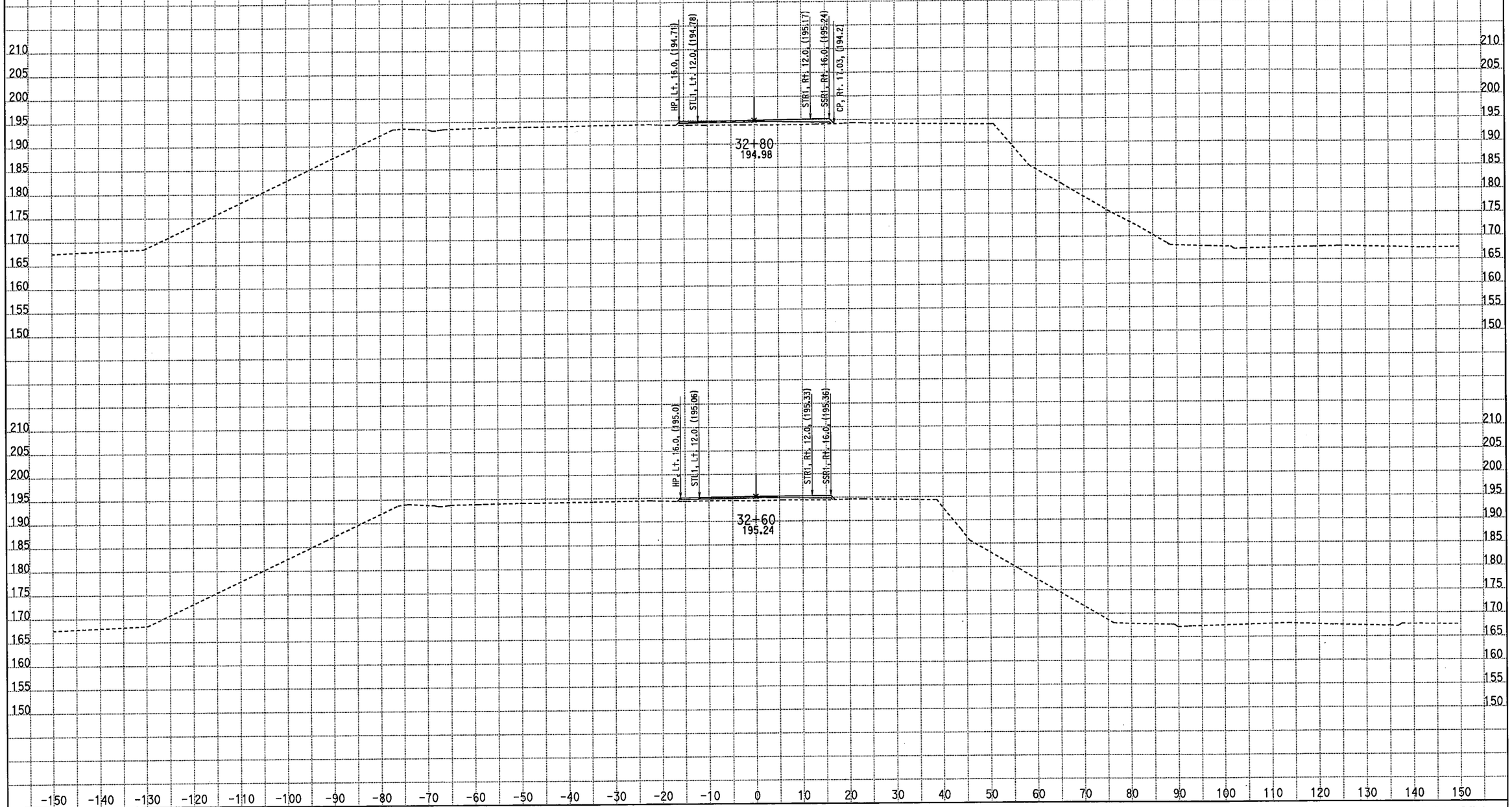
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 77 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

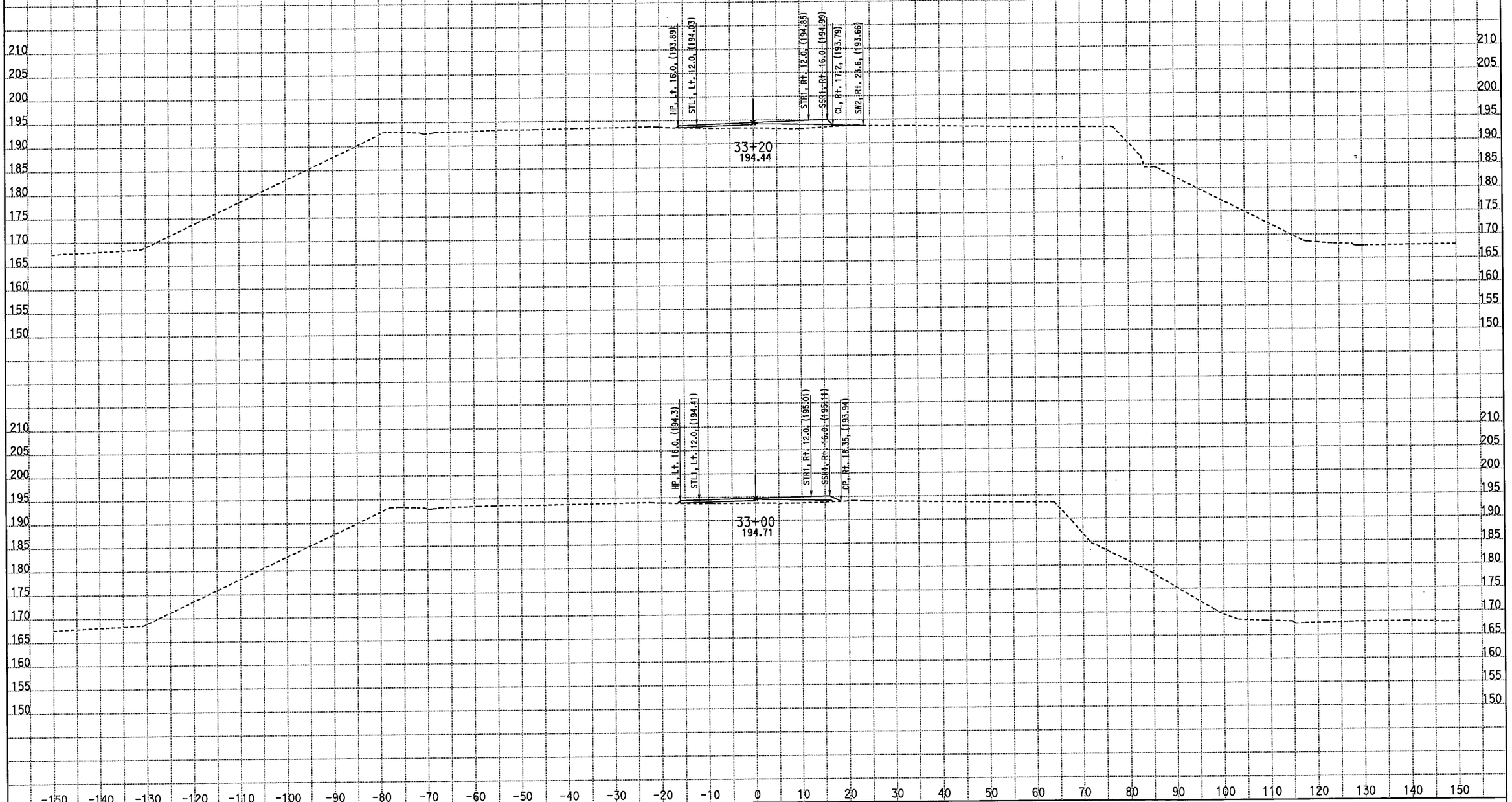
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

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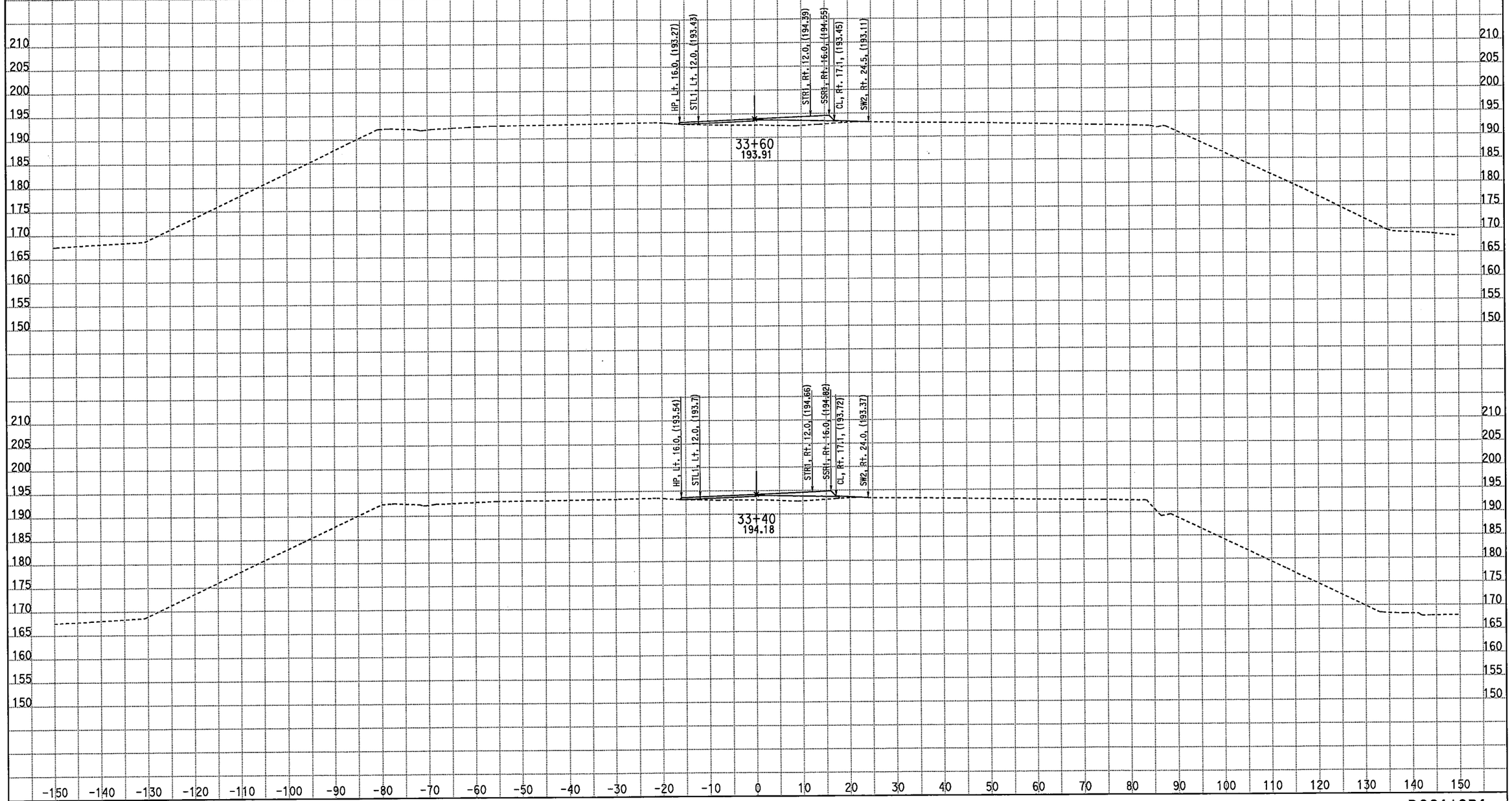
DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



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KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

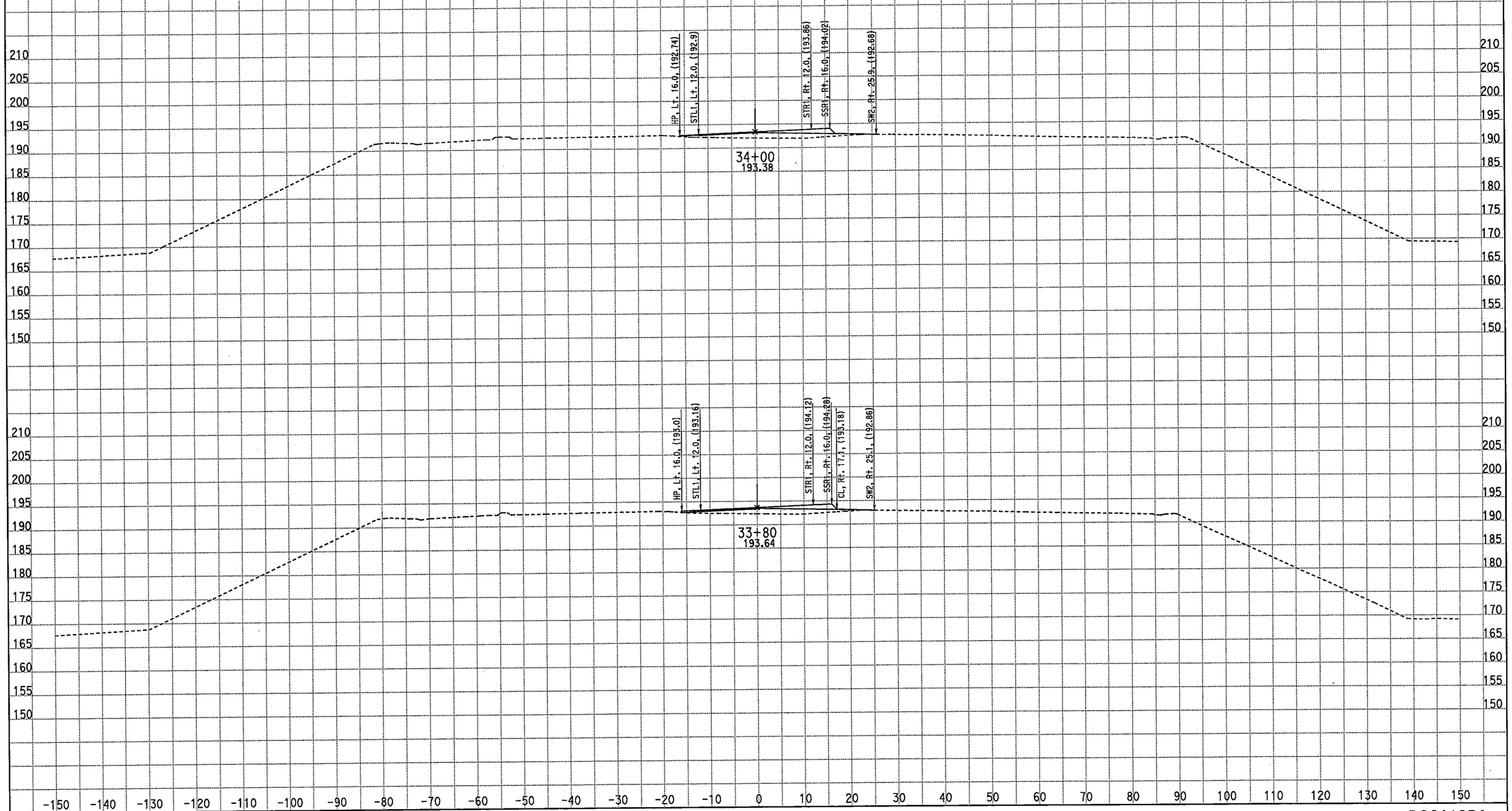
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

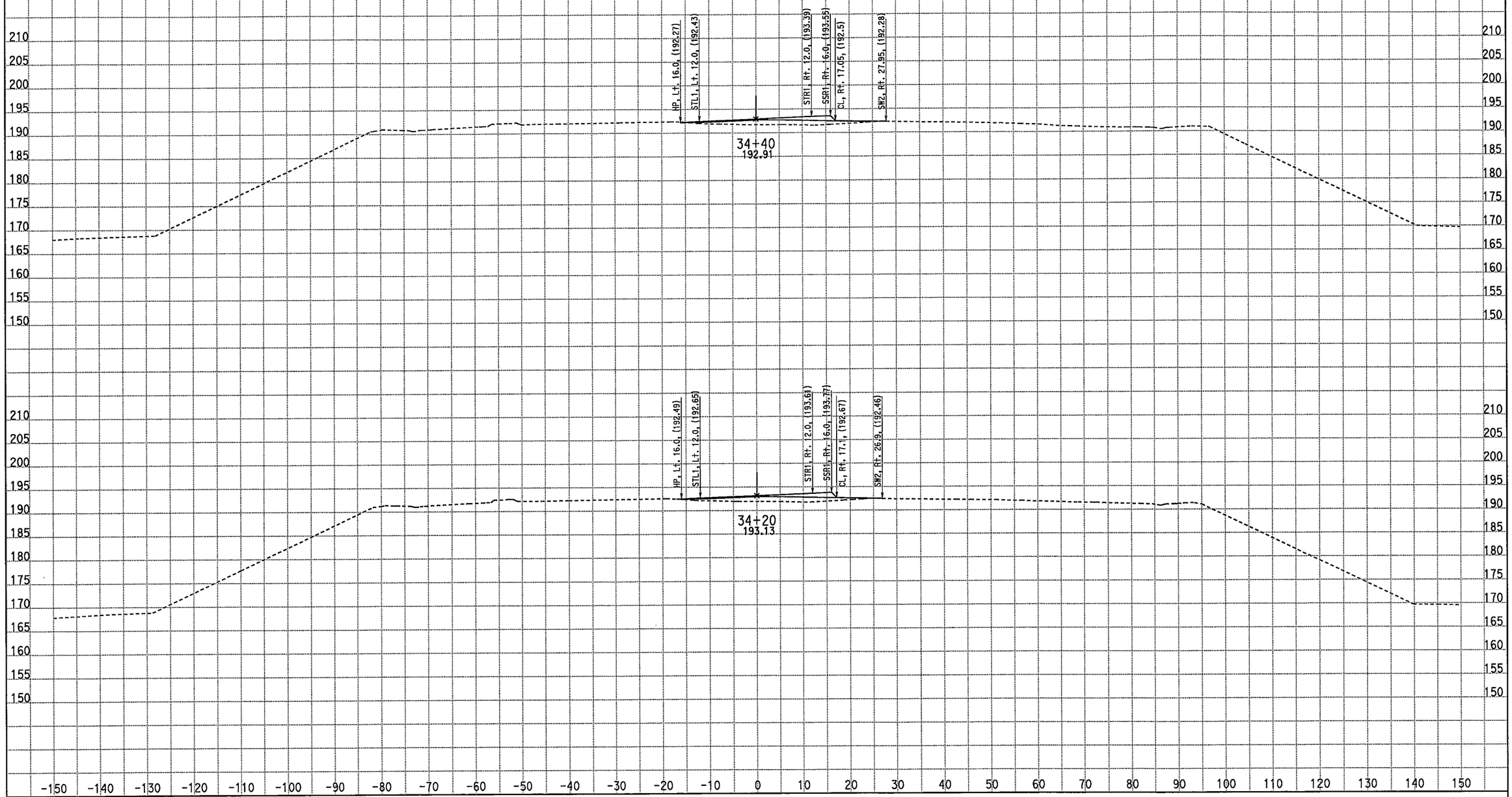
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

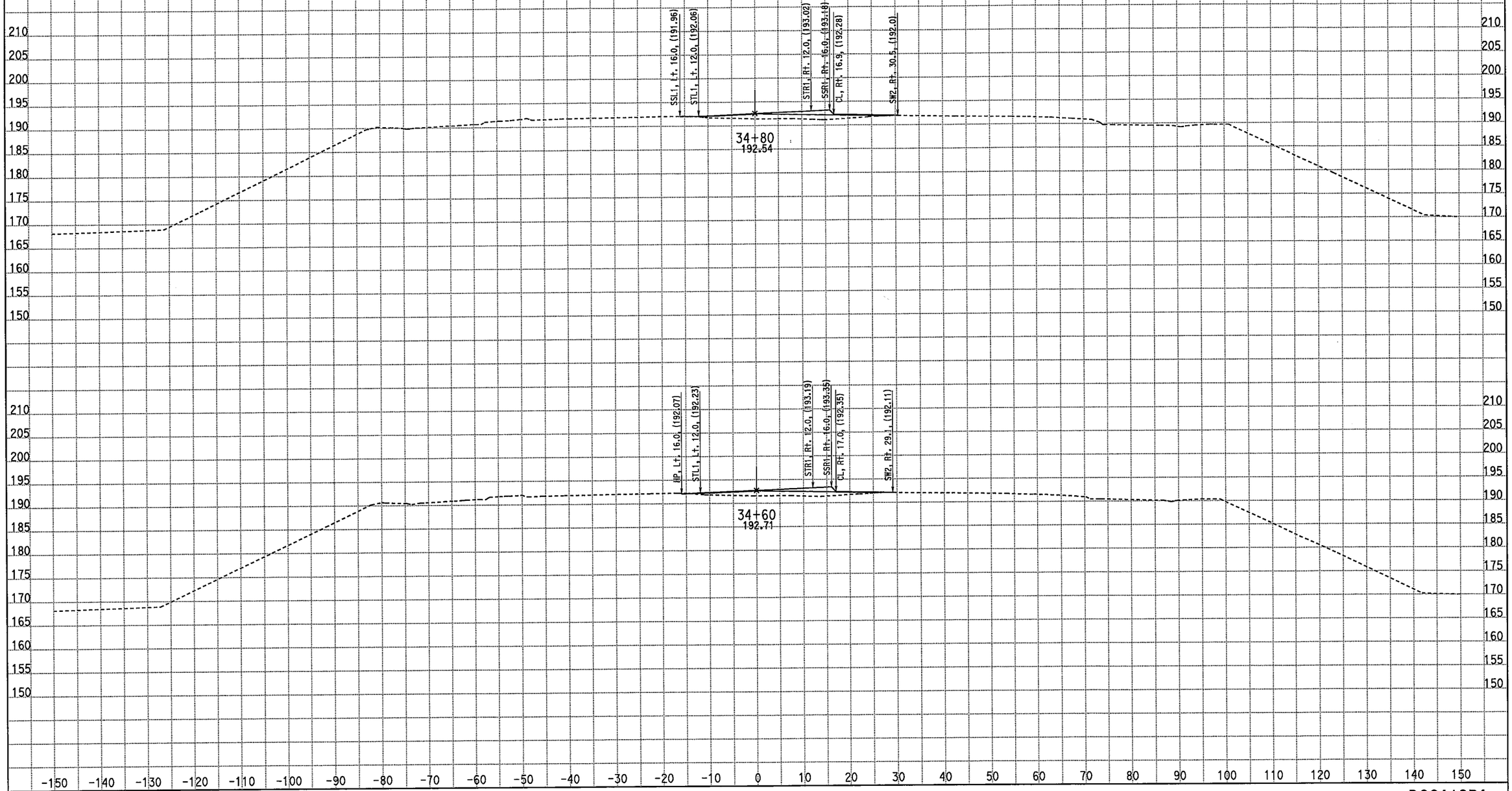
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

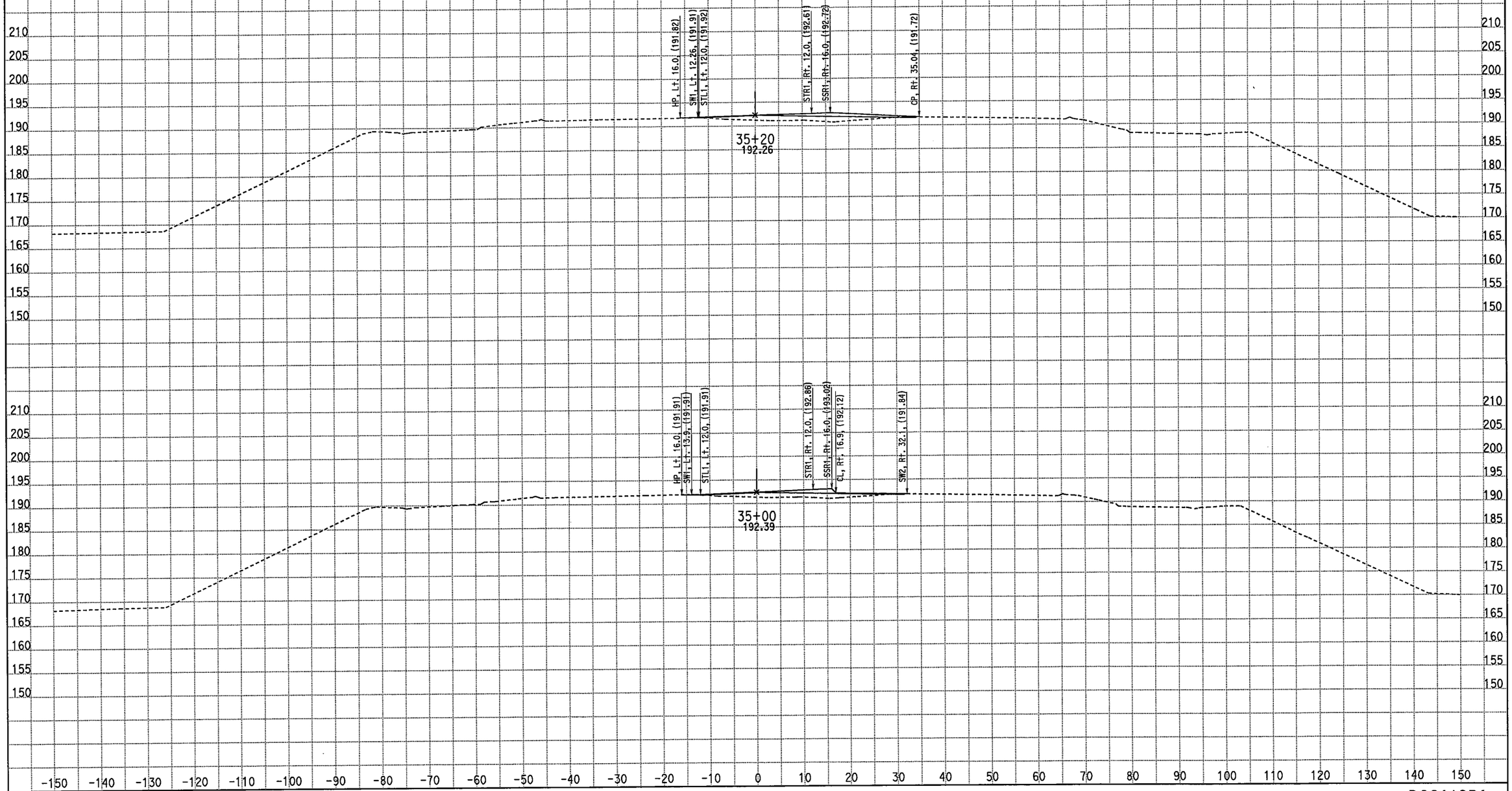
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 83 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

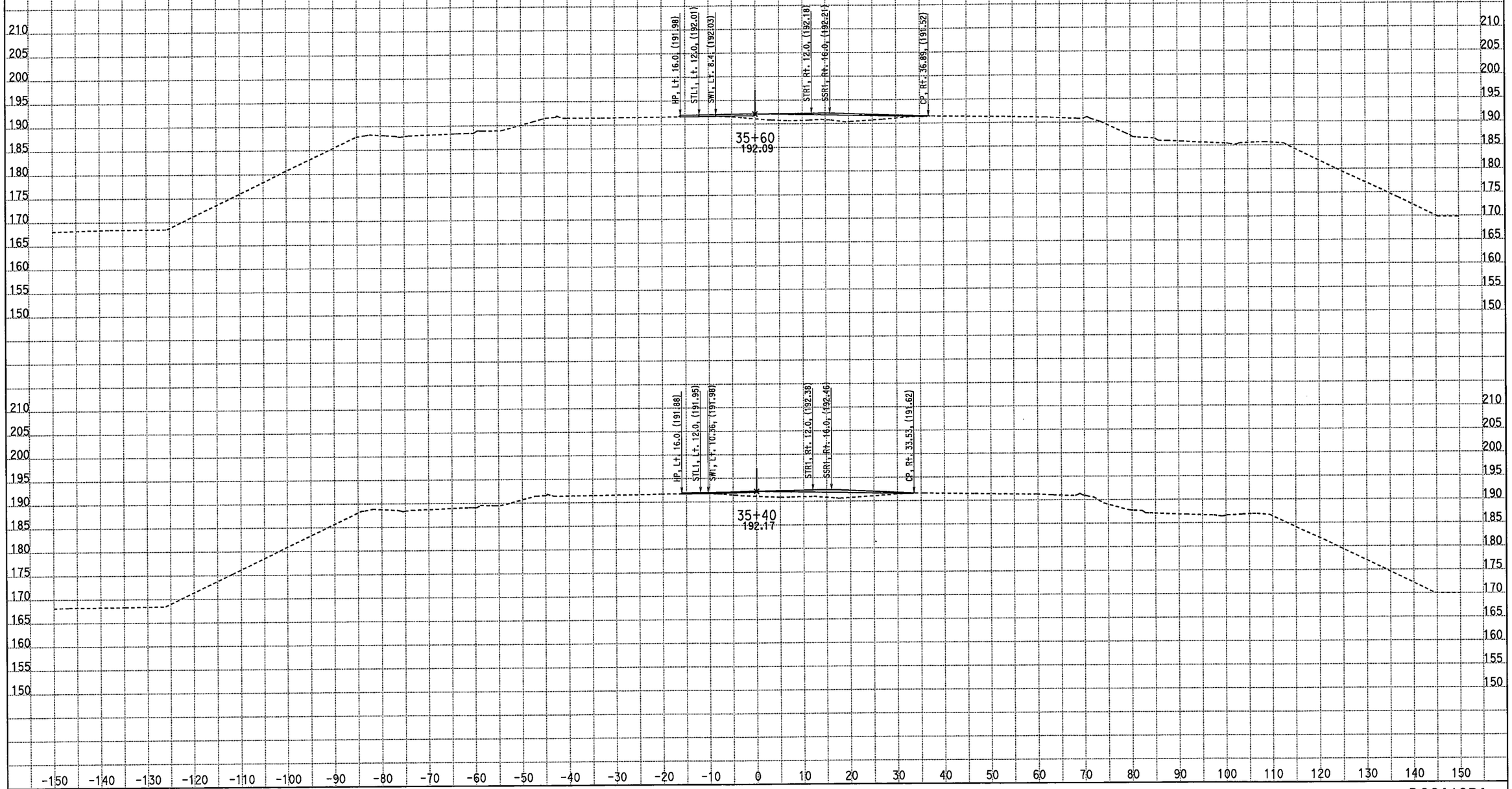
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

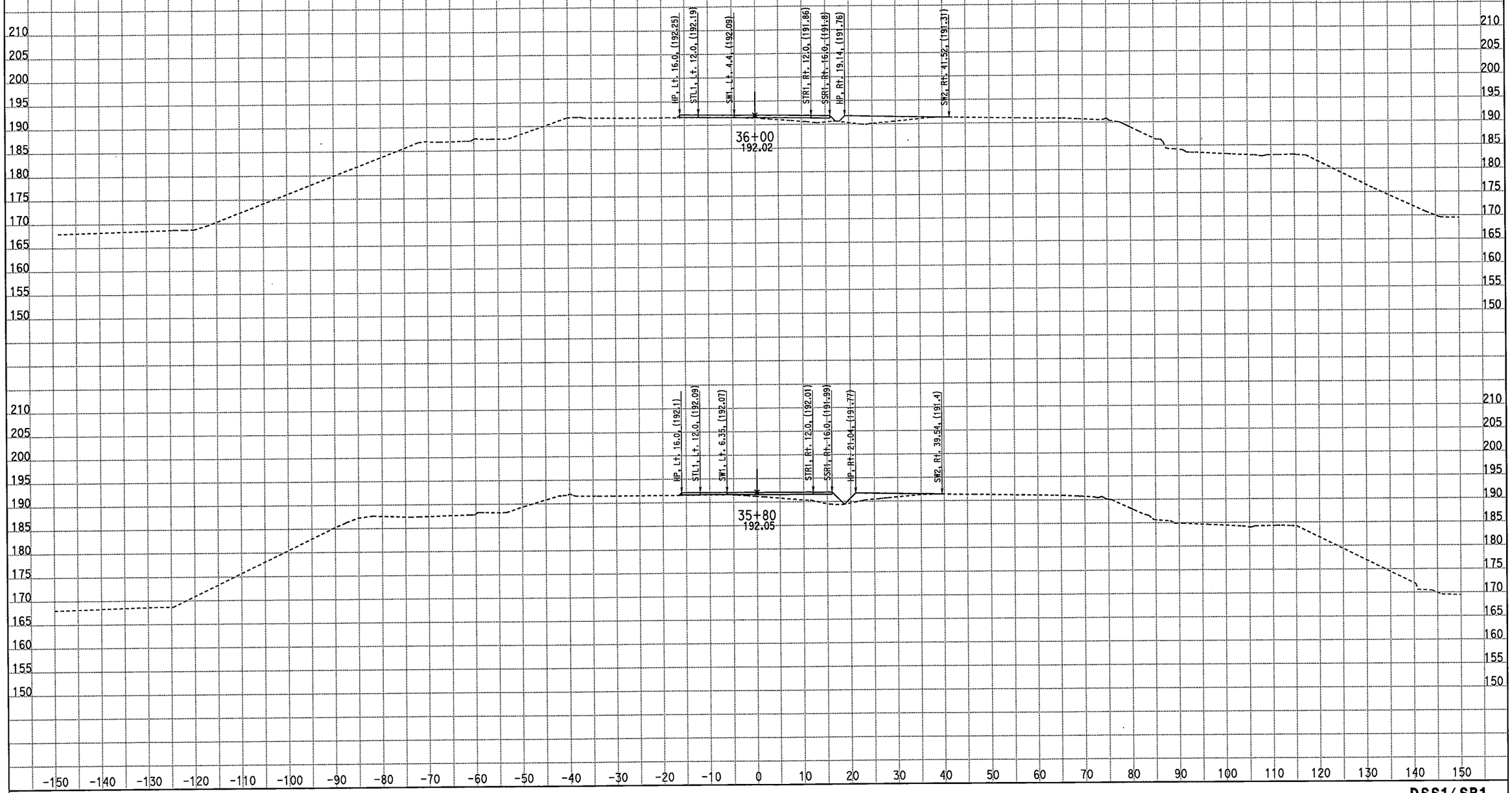
All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

SHEET 85 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

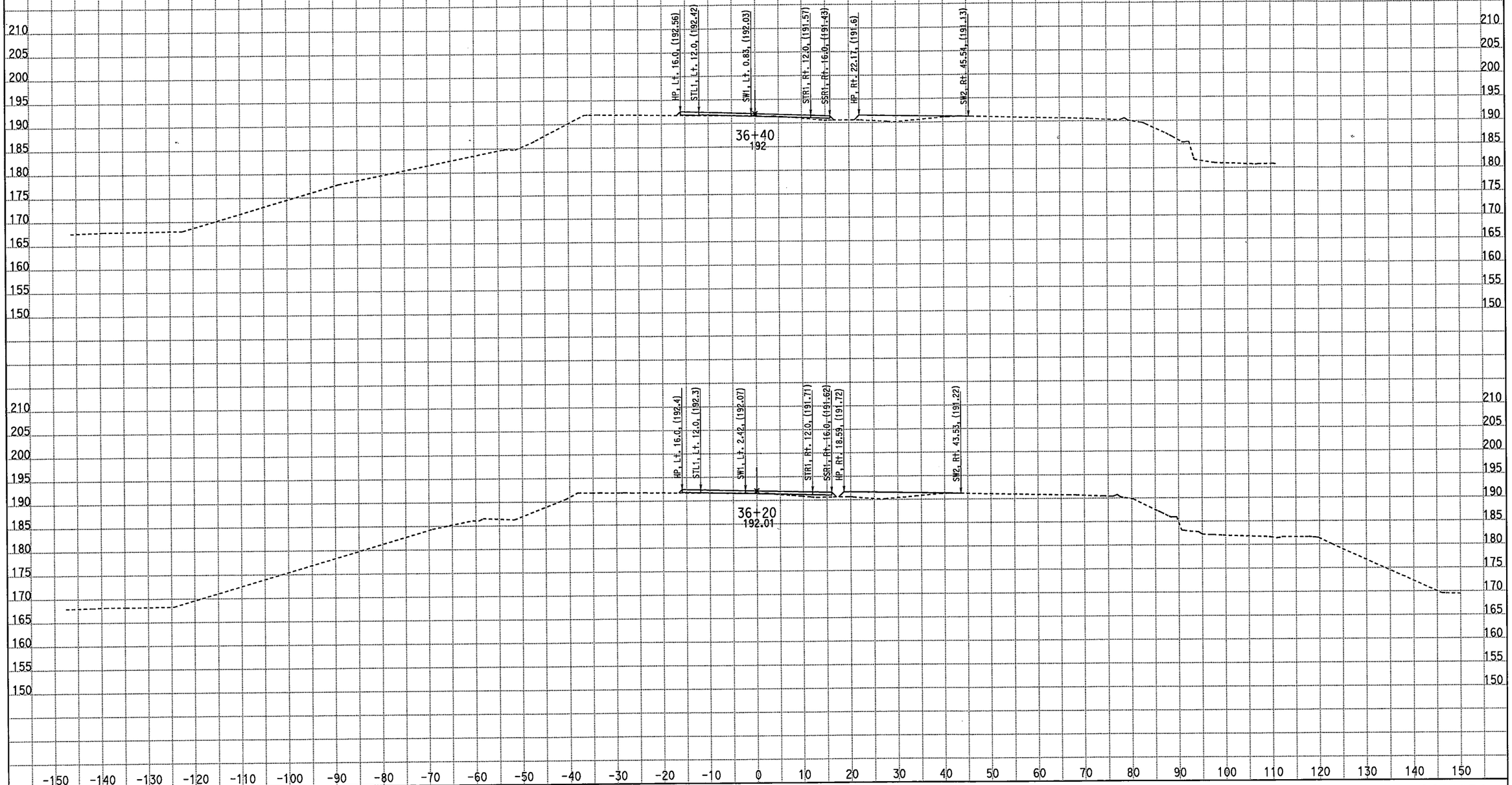
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

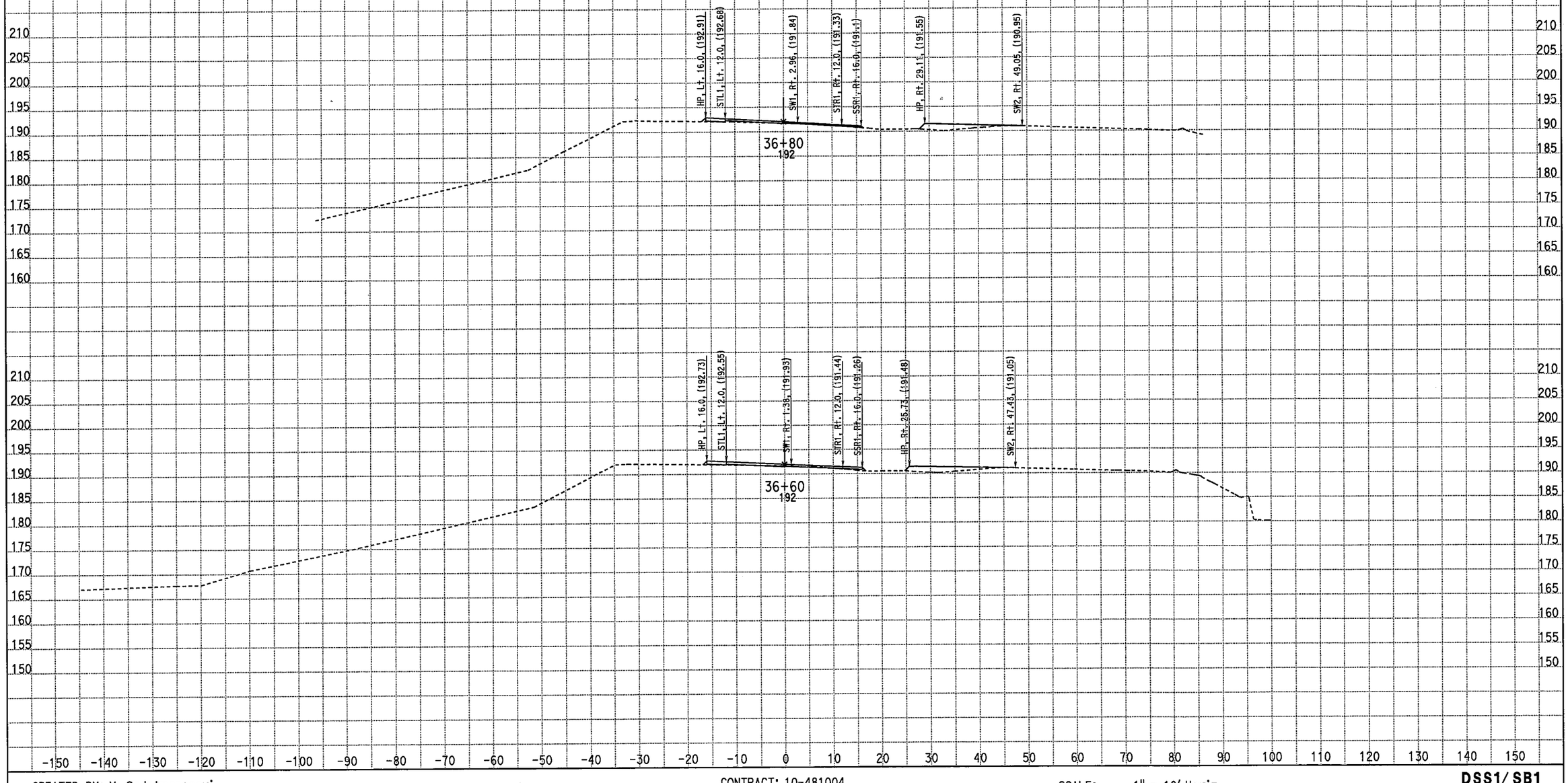
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 87 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

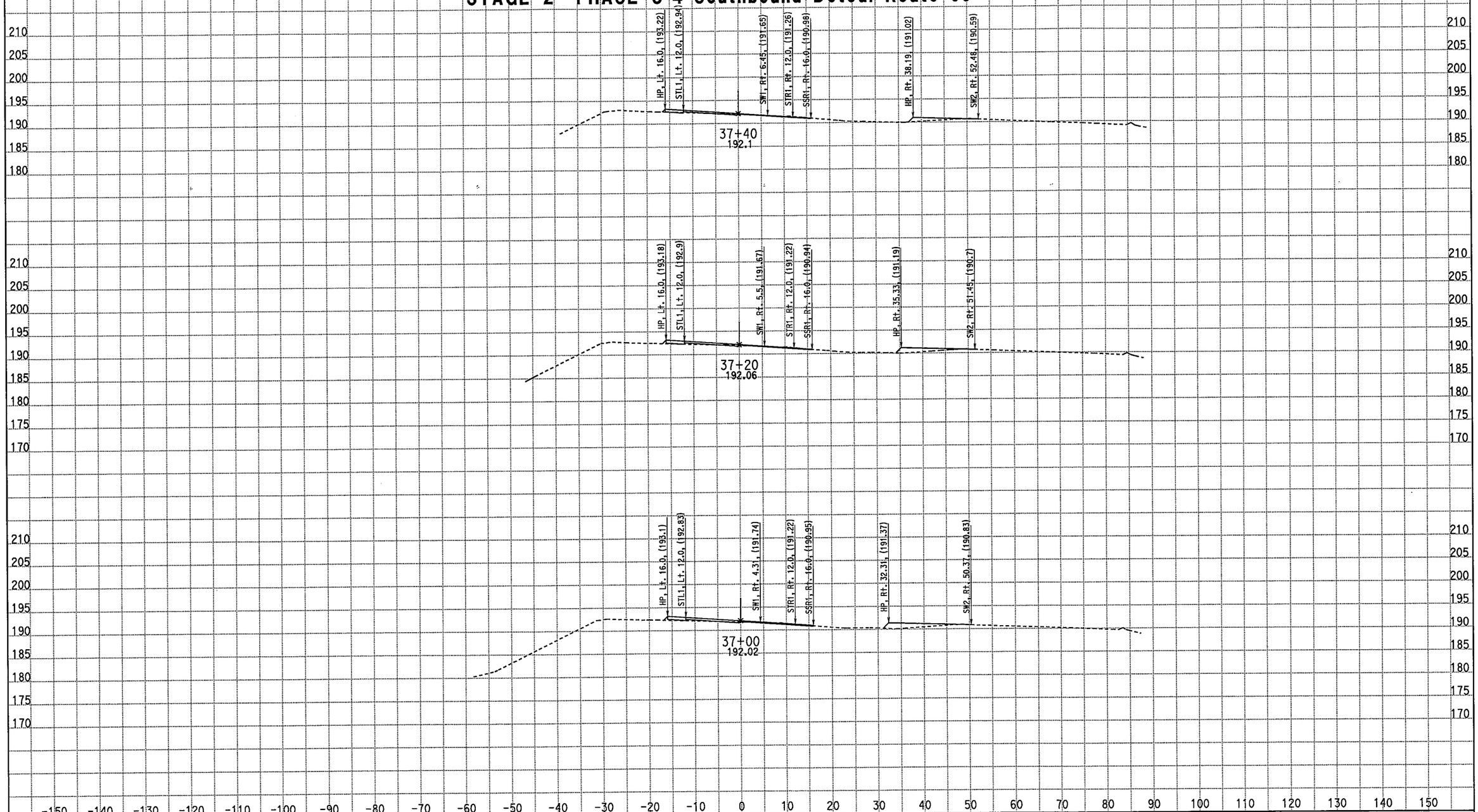
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 88 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

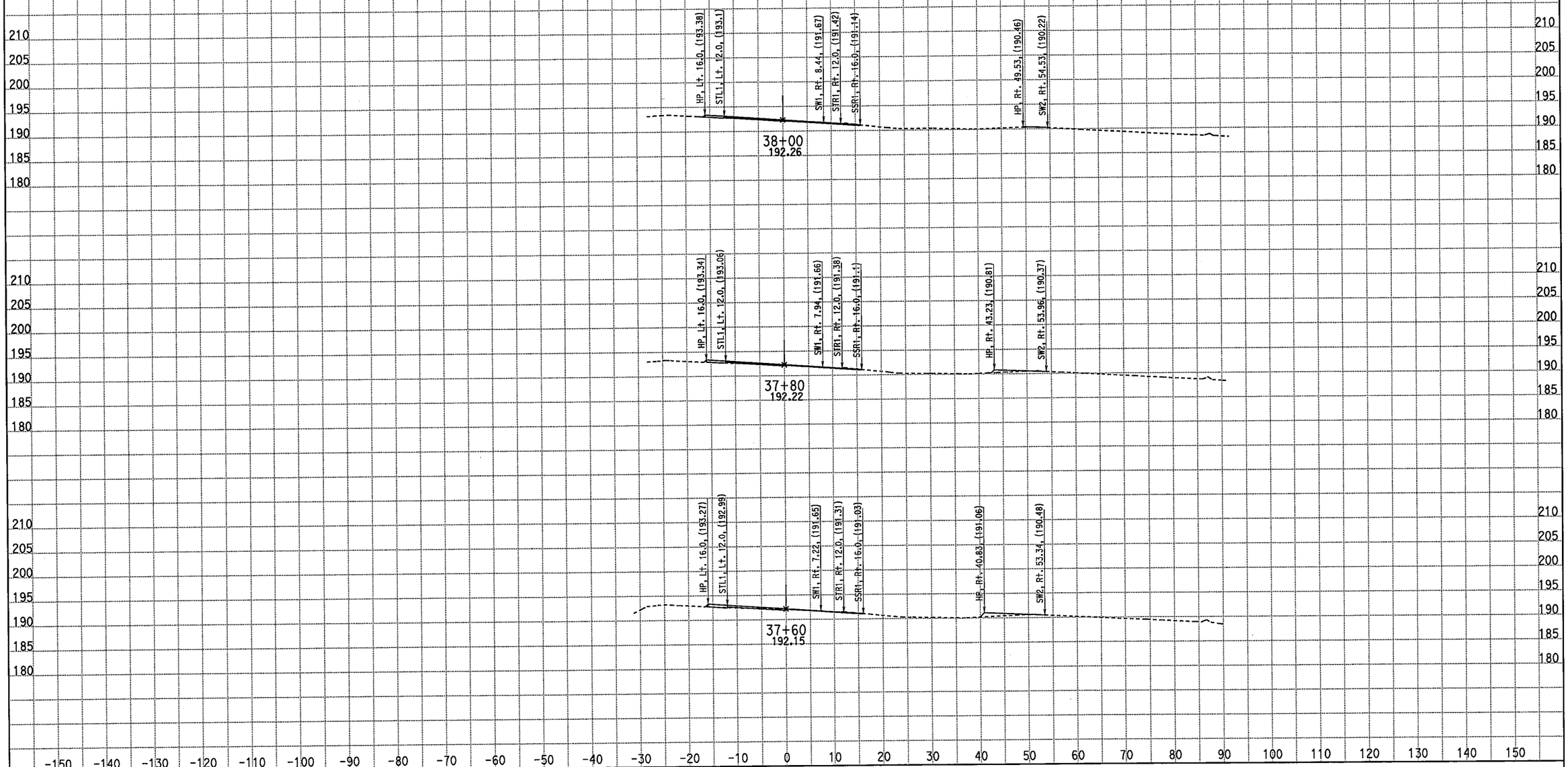
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

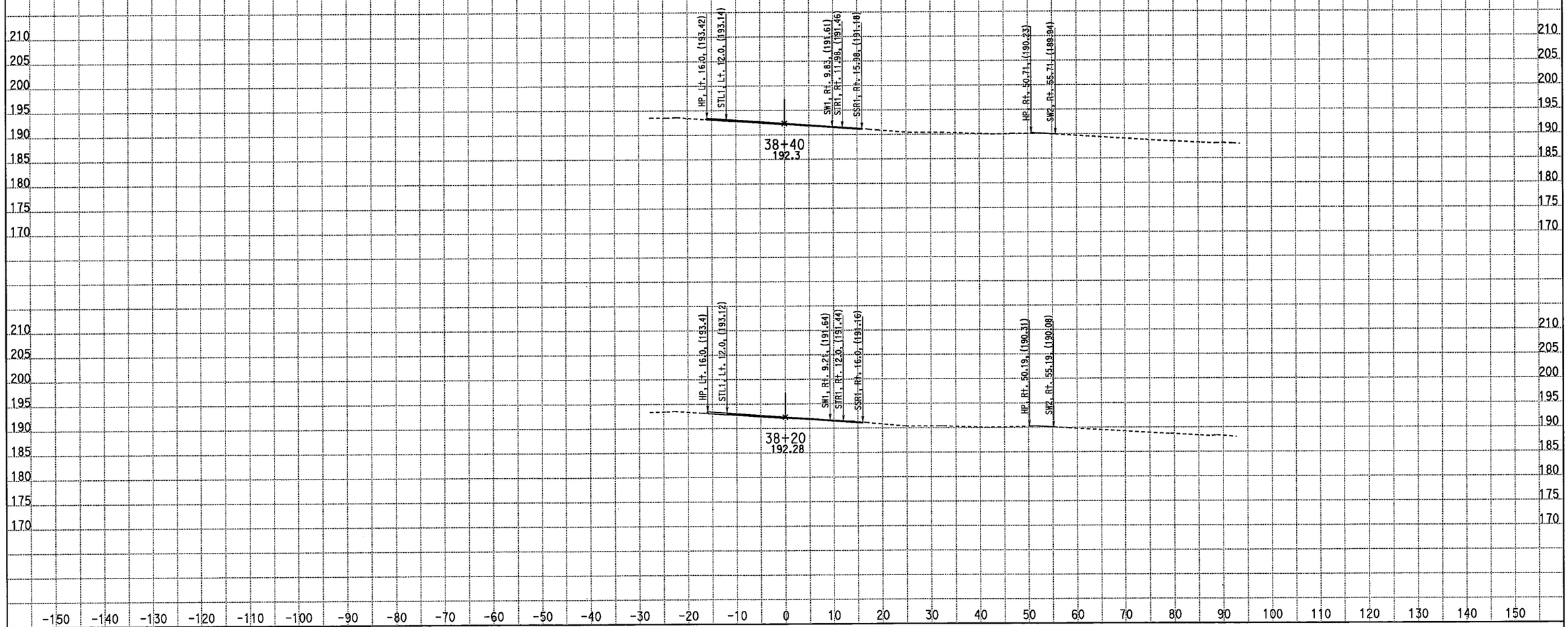
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

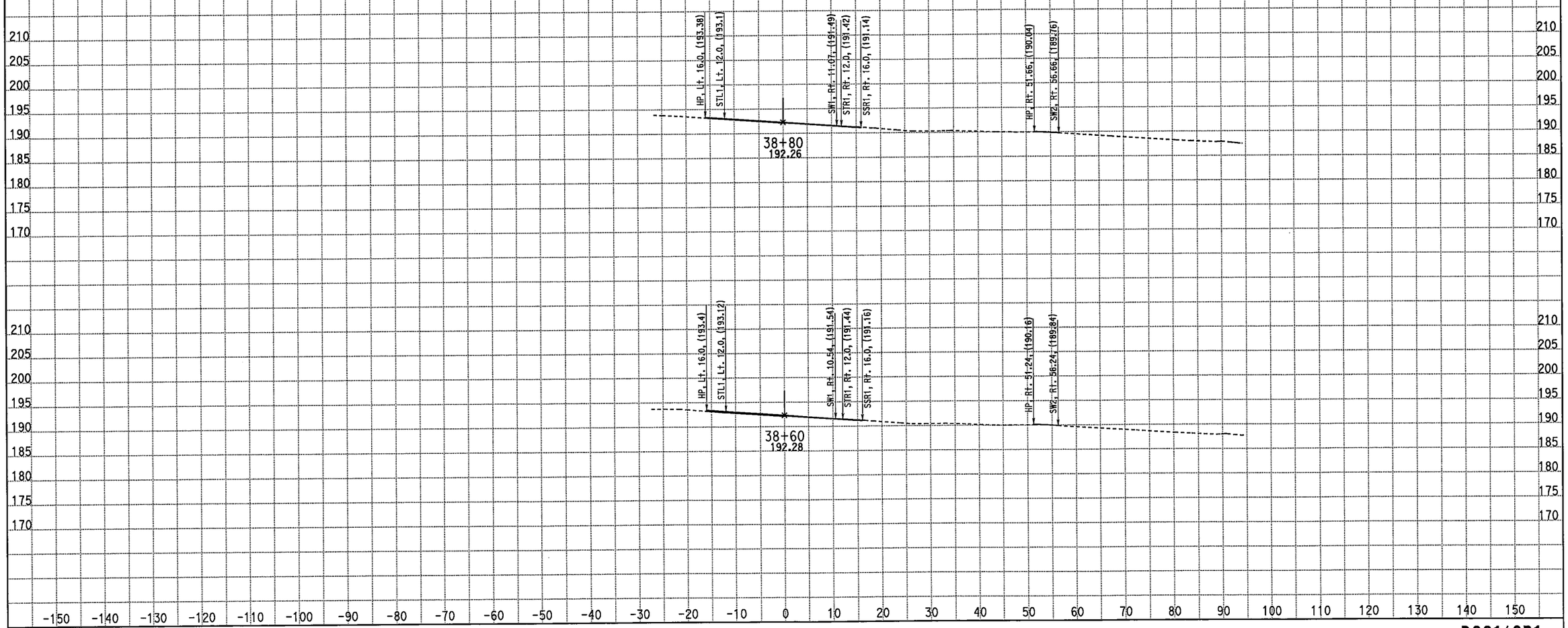
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

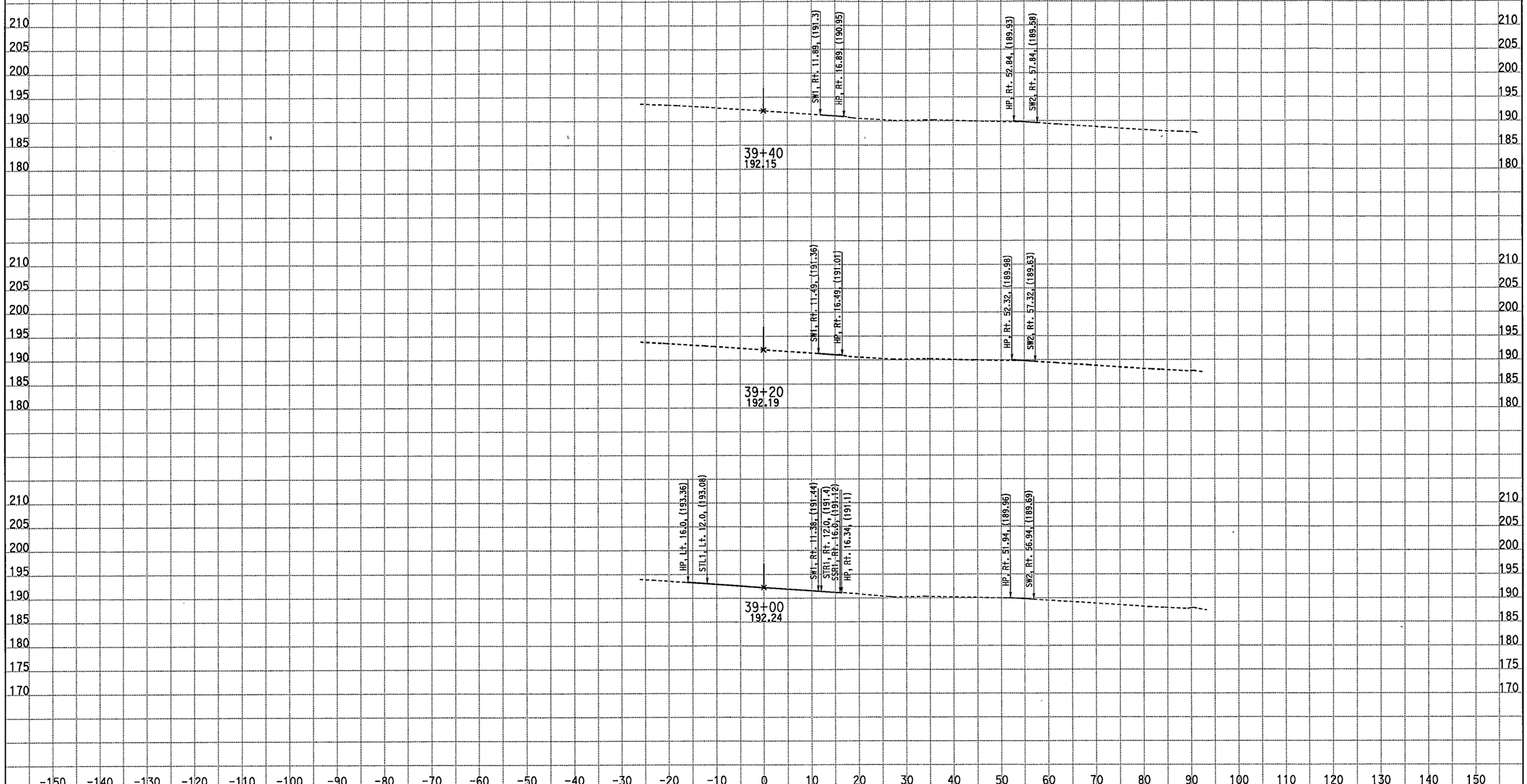
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

DSS1/SB1
CROSS SECTIONS
SHEET 92 OF 93

FOR EARTHWORK DEVELOPMENT ONLY

STAGE 2 PHASE 3-4 Southbound Detour Route 99



CREATED BY: M. Sadatmansoori
DATE: 3/18/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\STG2_med.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10/Mer/99/PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

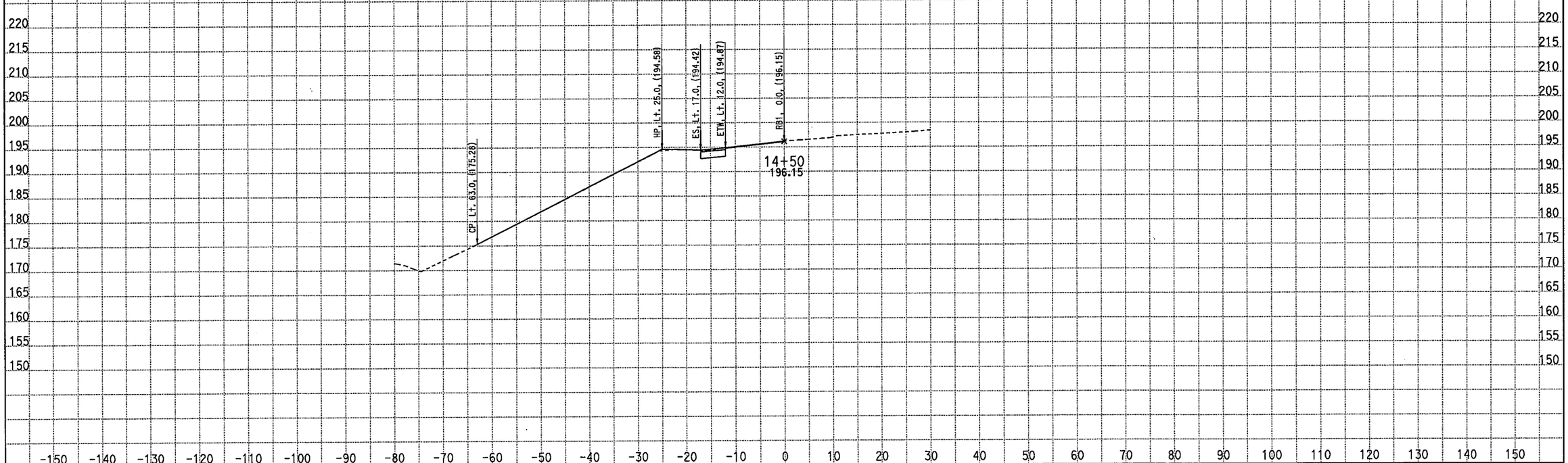
DSS1/SB1
CROSS SECTIONS

STAGE 3

PHASE 1

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rb1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

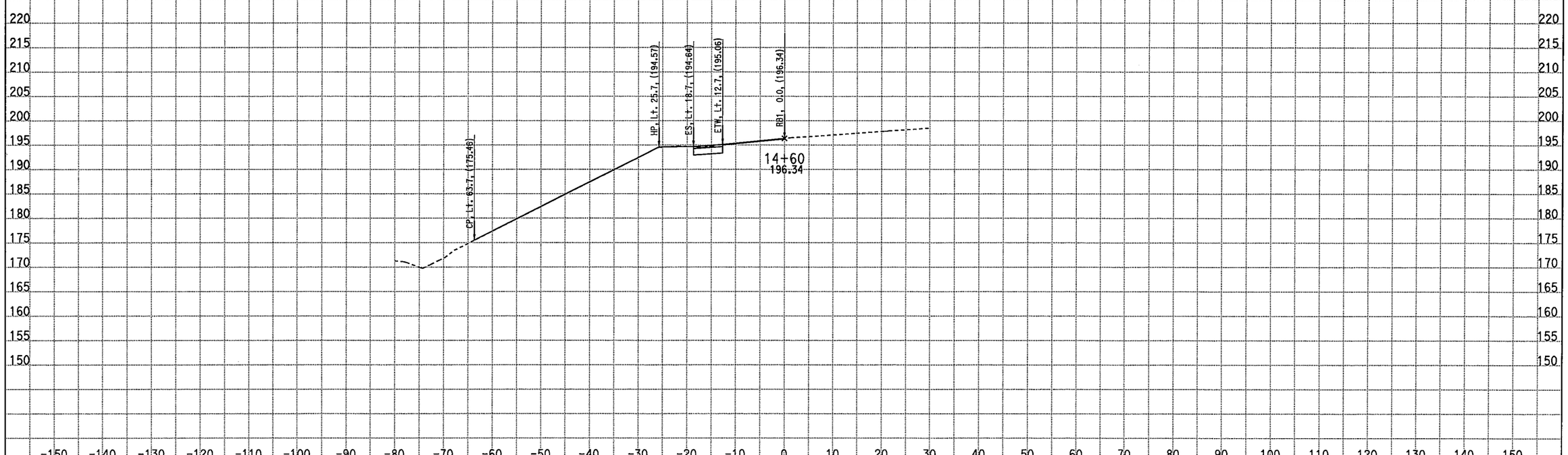
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RB1
CROSS SECTIONS
SHEET 1 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori

DATE: 4/21/2011

KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rb1_des.ear

CONTRACT: 10-481004

DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

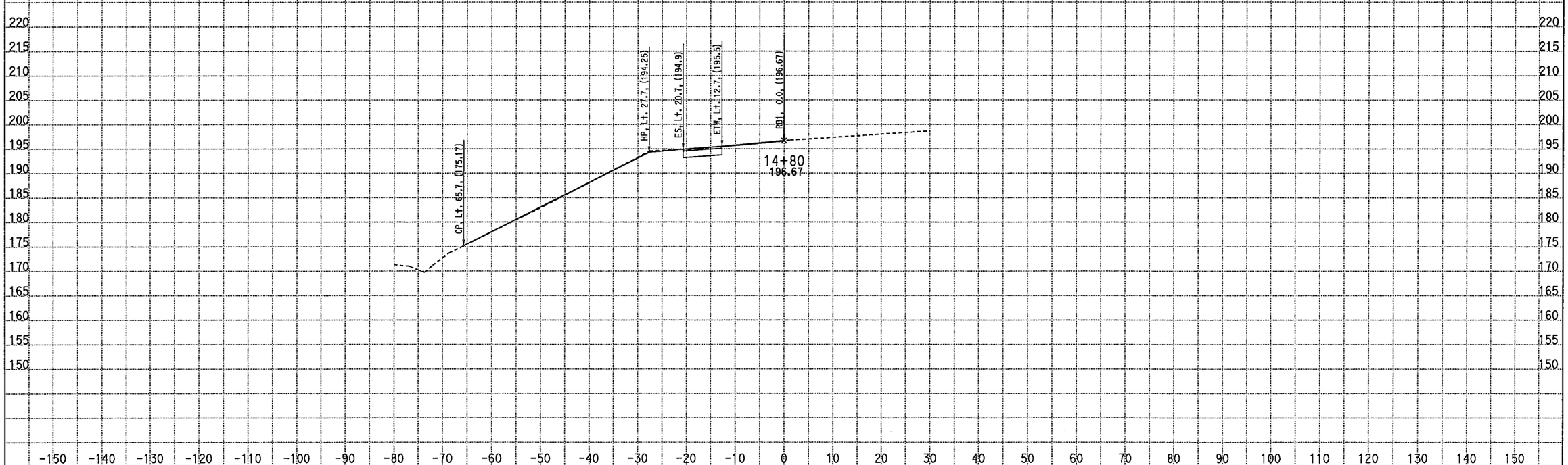
RB1

CROSS SECTIONS

SHEET 2 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

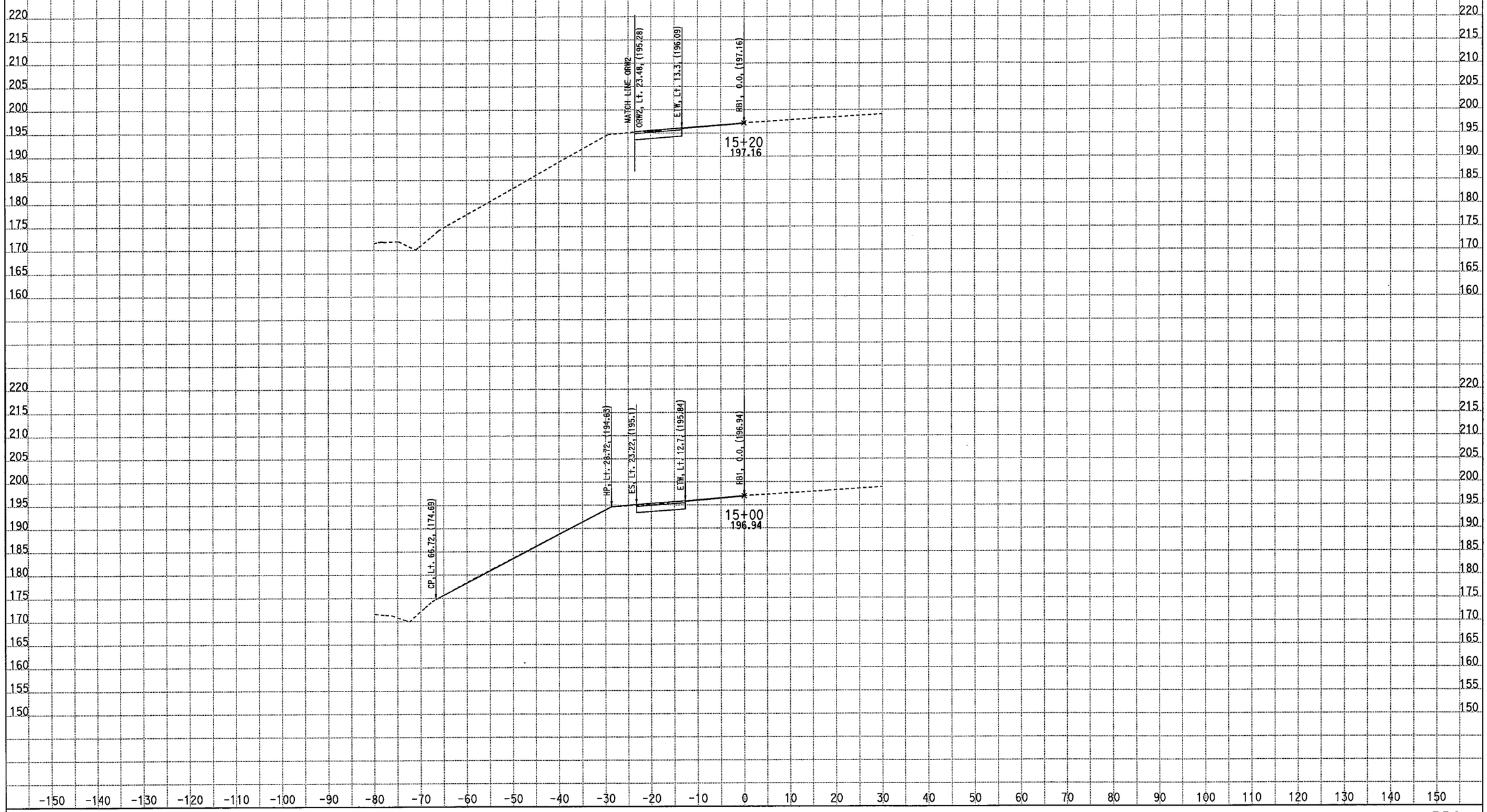
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RB1
CROSS SECTIONS
SHEET 3 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



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DATE: 4/21/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

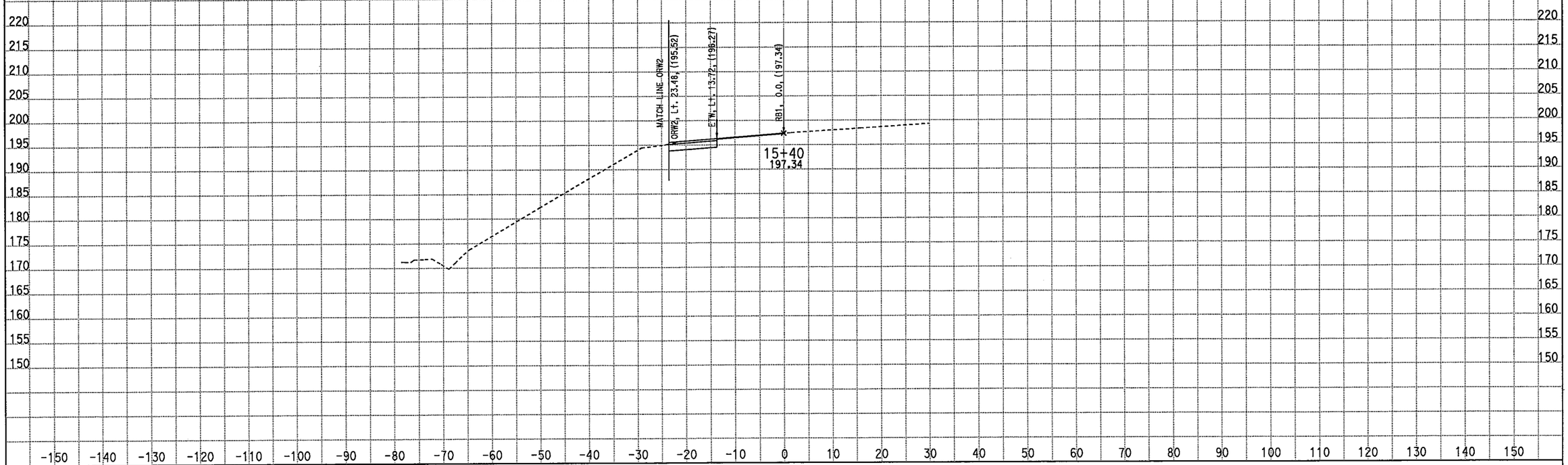
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RB1
CROSS SECTIONS
SHEET 4 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

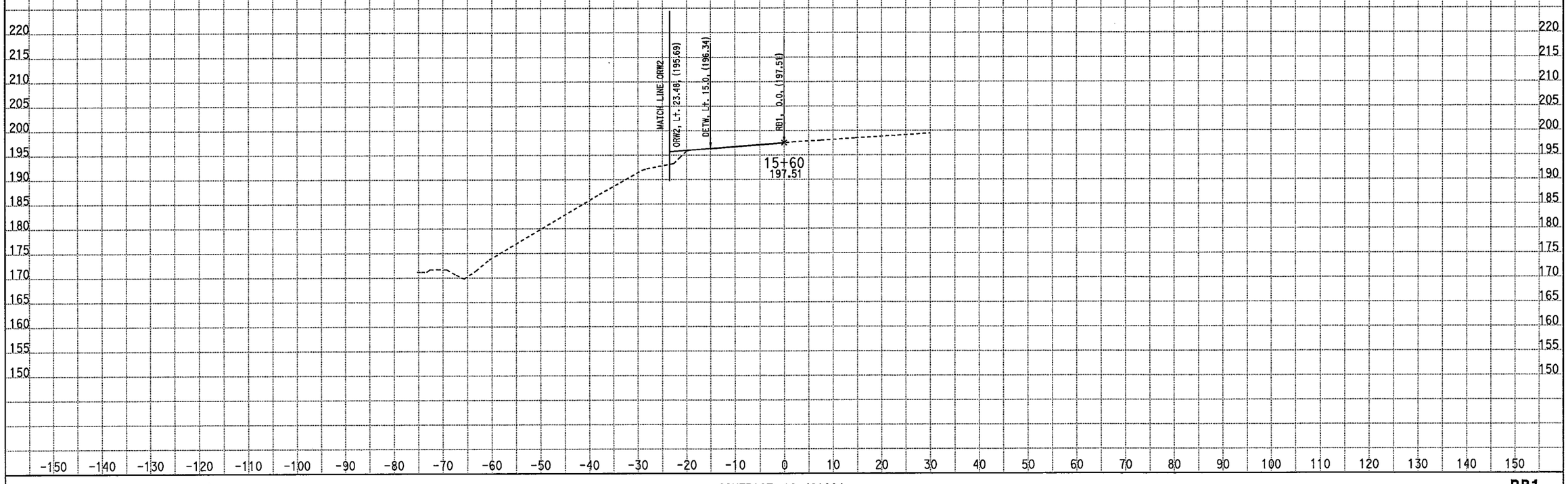
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RB1
CROSS SECTIONS
SHEET 5 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

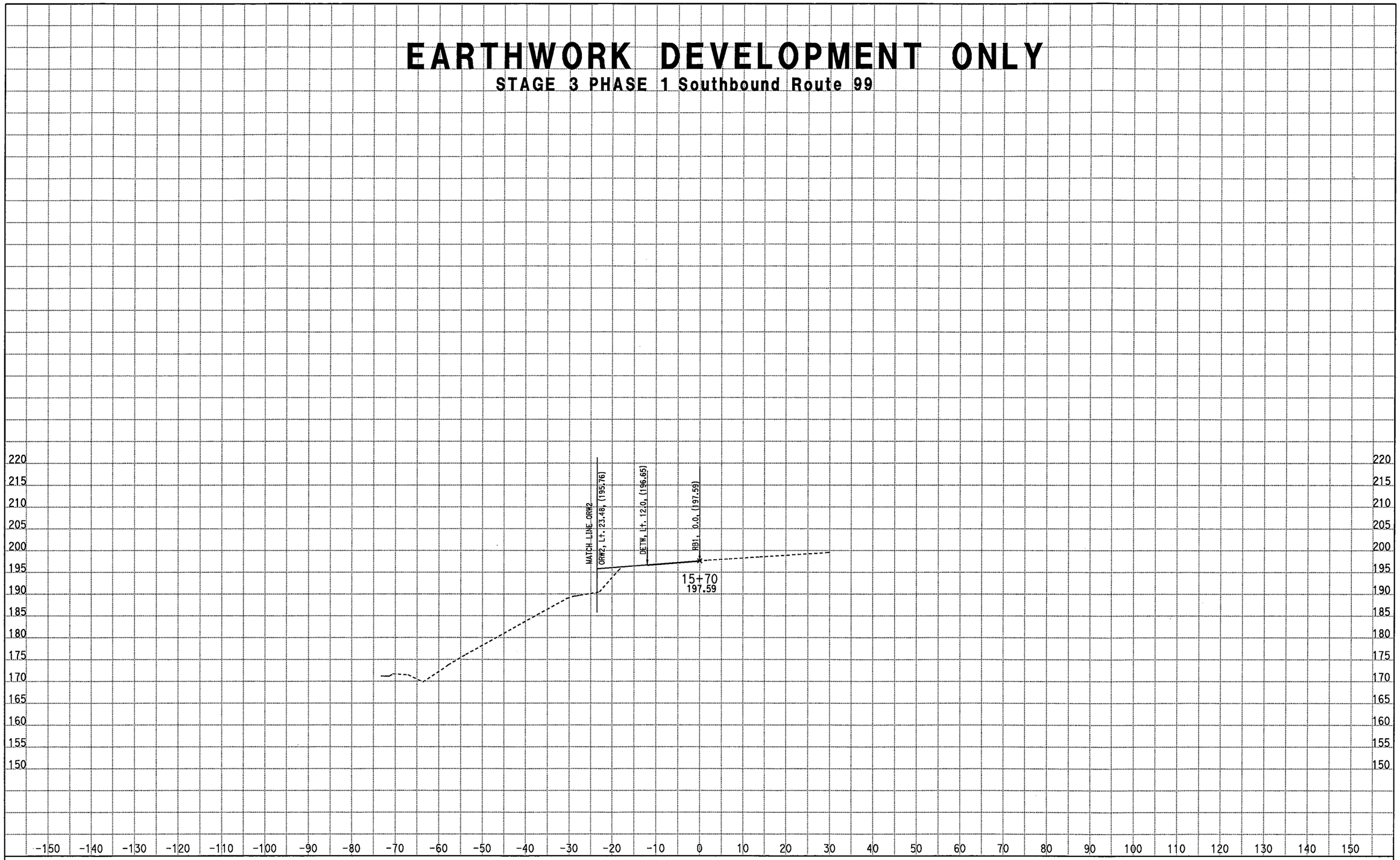
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RB1
CROSS SECTIONS
SHEET 6 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



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DATE: 4/21/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EM0H

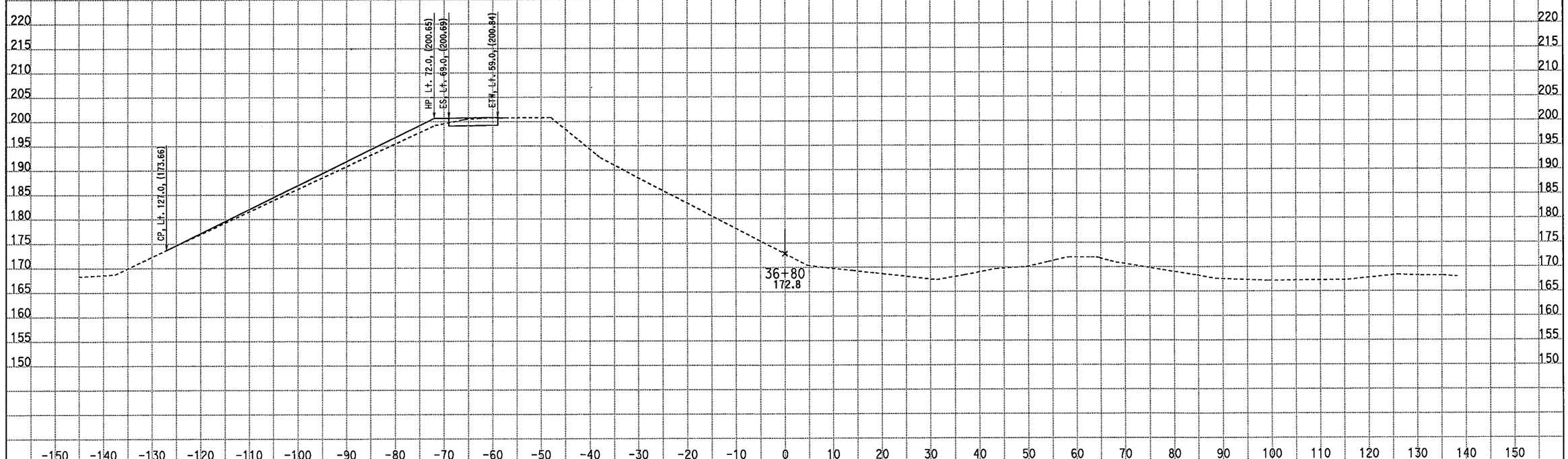
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RB1
CROSS SECTIONS
SHEET 7 OF 7

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori

DATE: 4/22/2011

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CONTRACT: 10-481004

DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4

PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

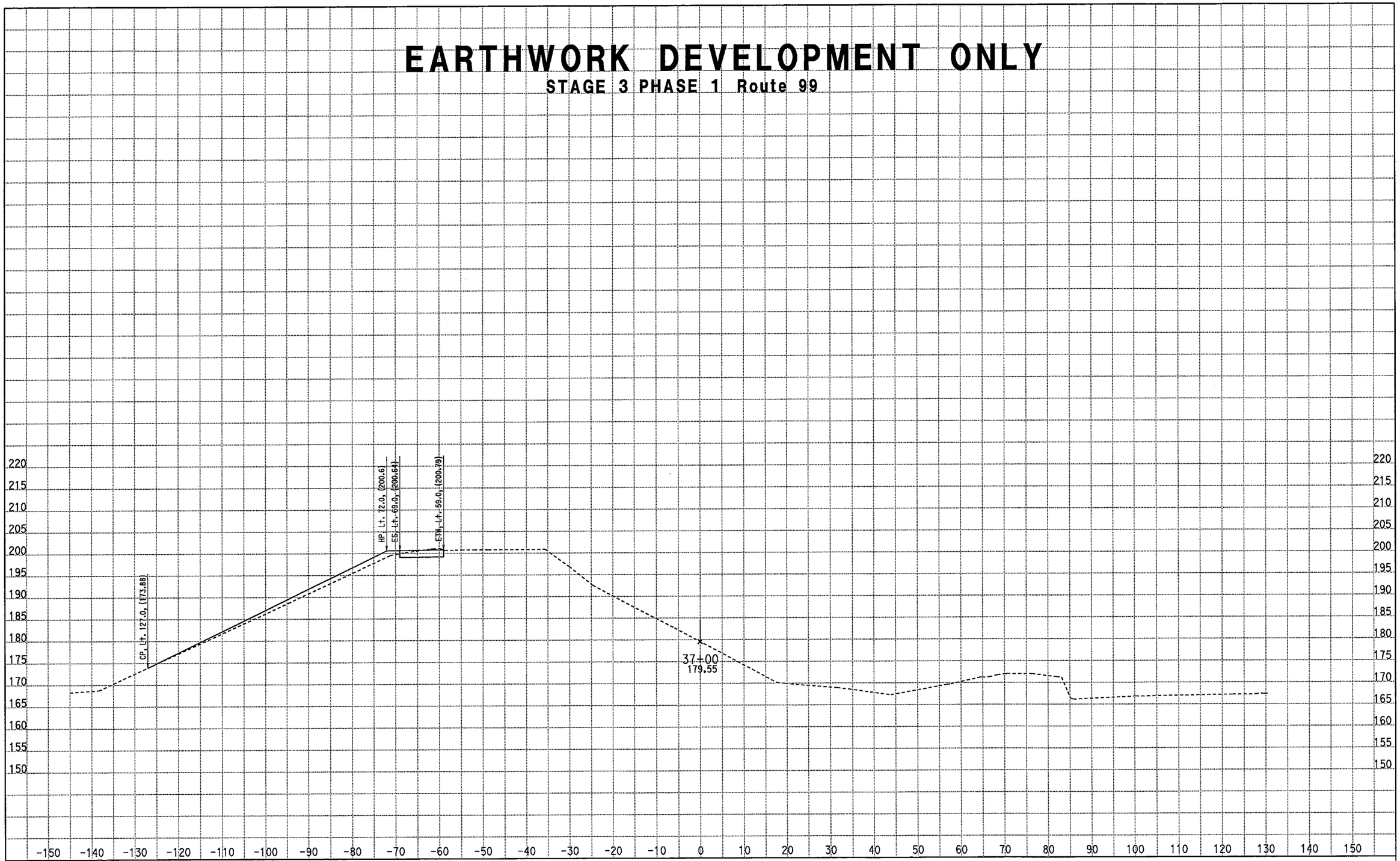
C

CROSS SECTIONS

SHEET 1 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

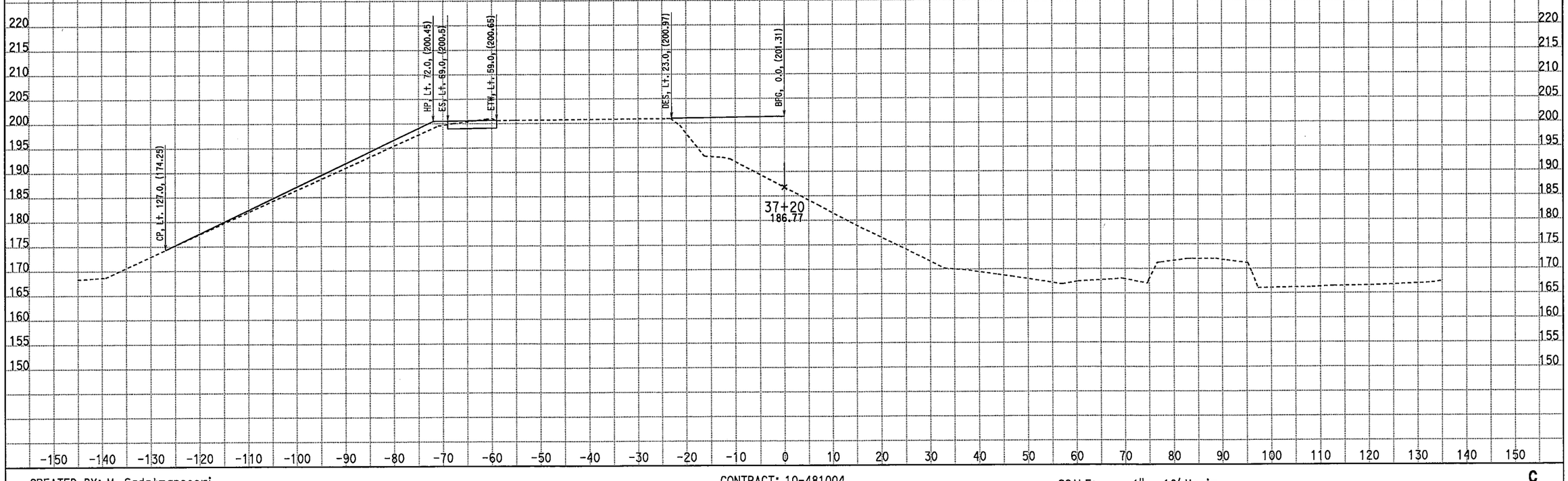
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 2 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desmd.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

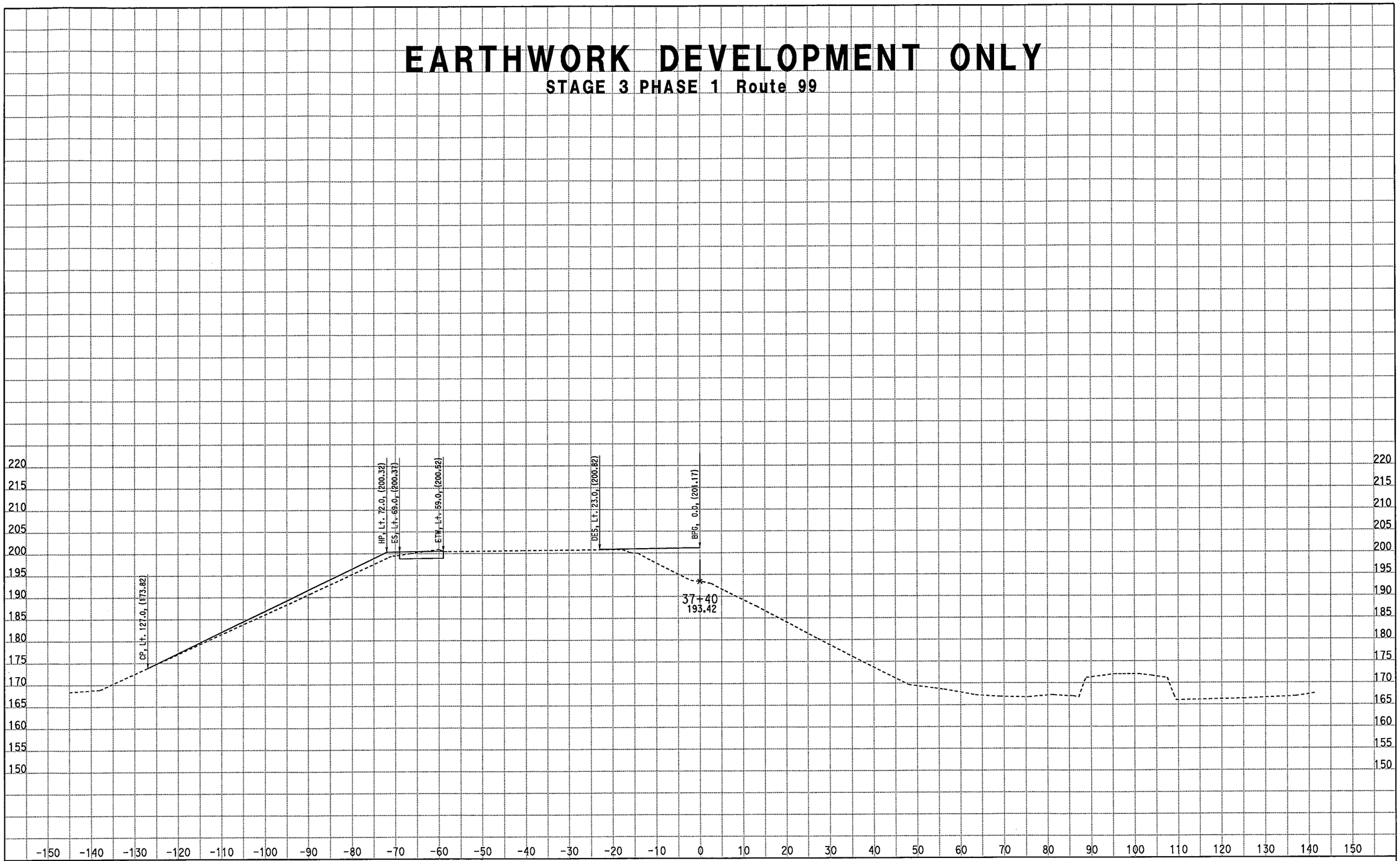
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 3 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



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DATE: 4/22/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

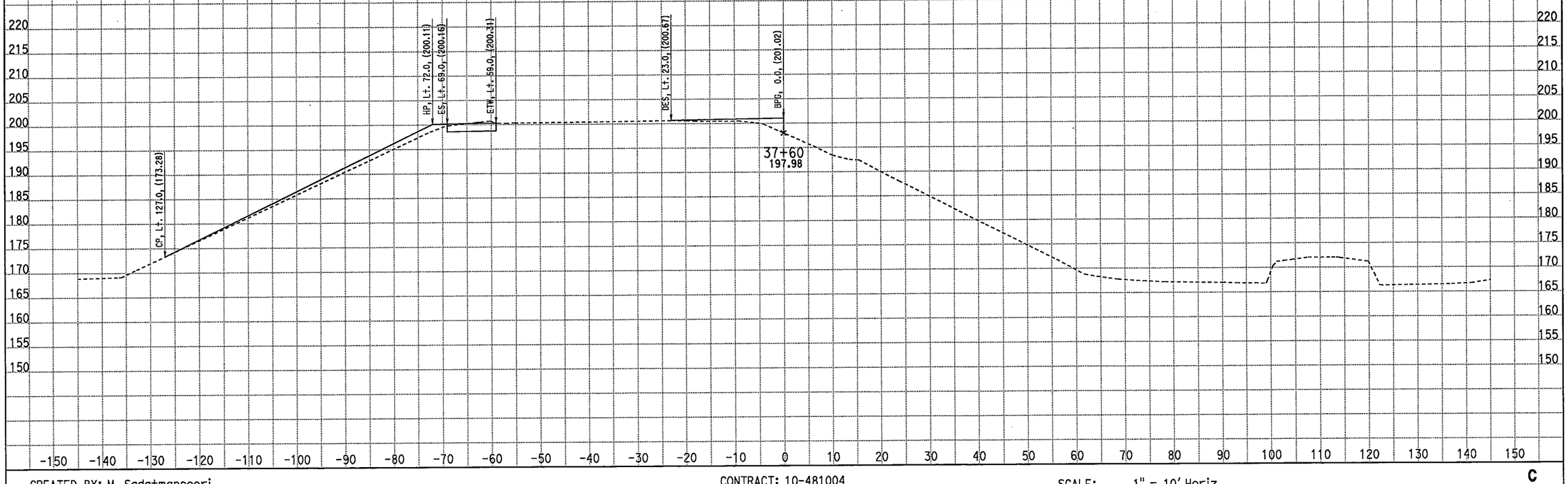
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 4 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

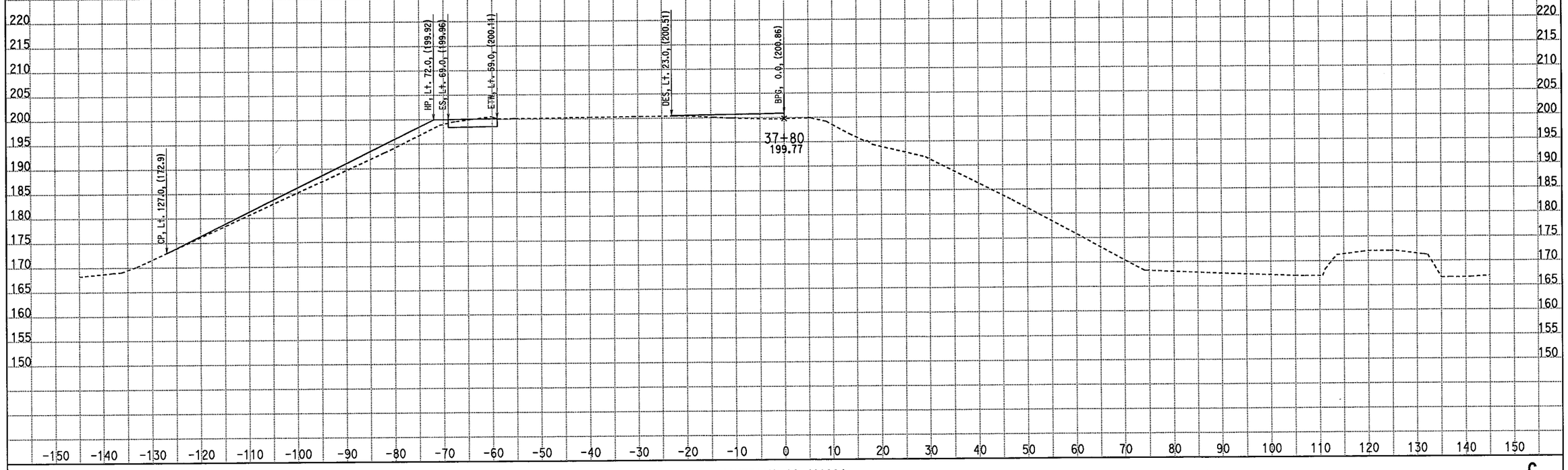
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 5 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desmd.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

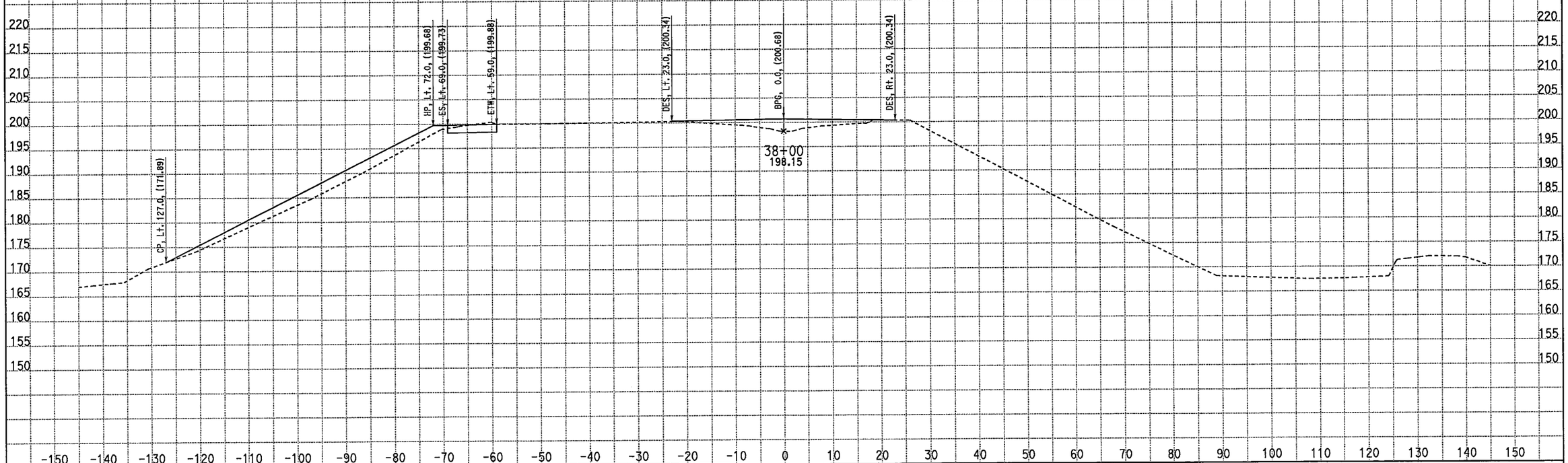
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 6 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desmd.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

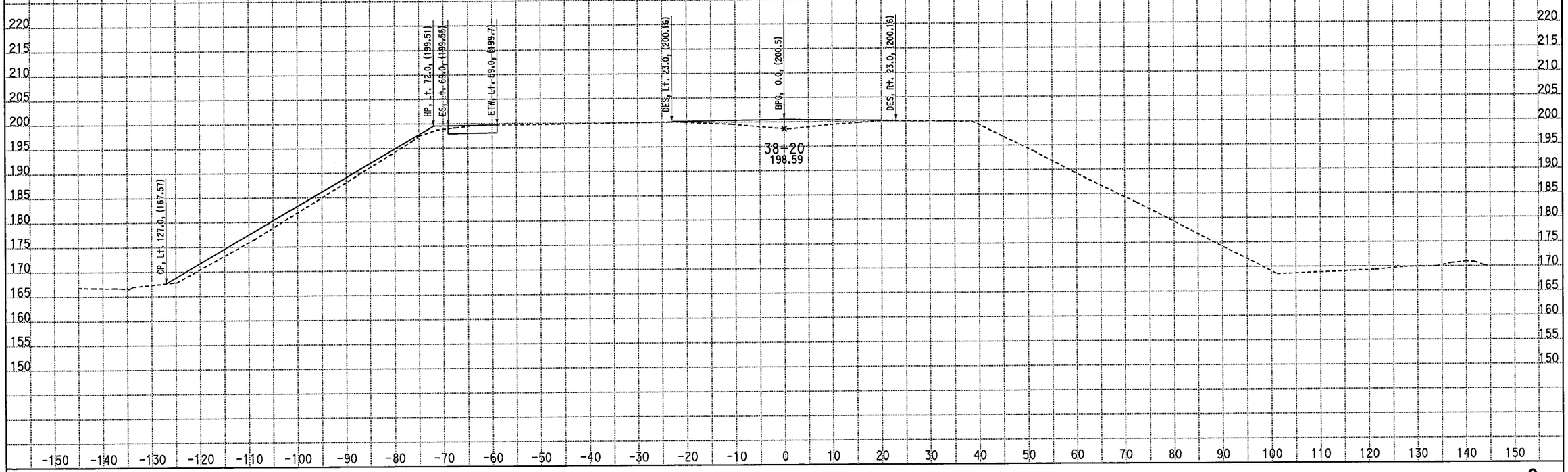
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 7 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/22/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desmd.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8/14.4
PROJECT ID: EMOH

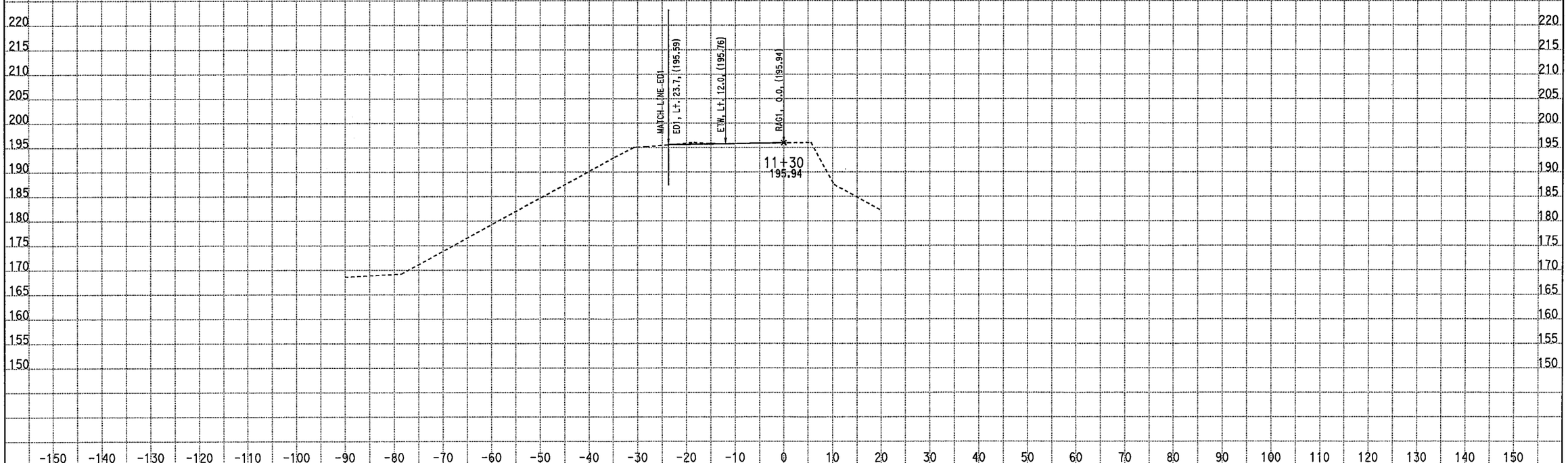
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 8 OF 8

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rag1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

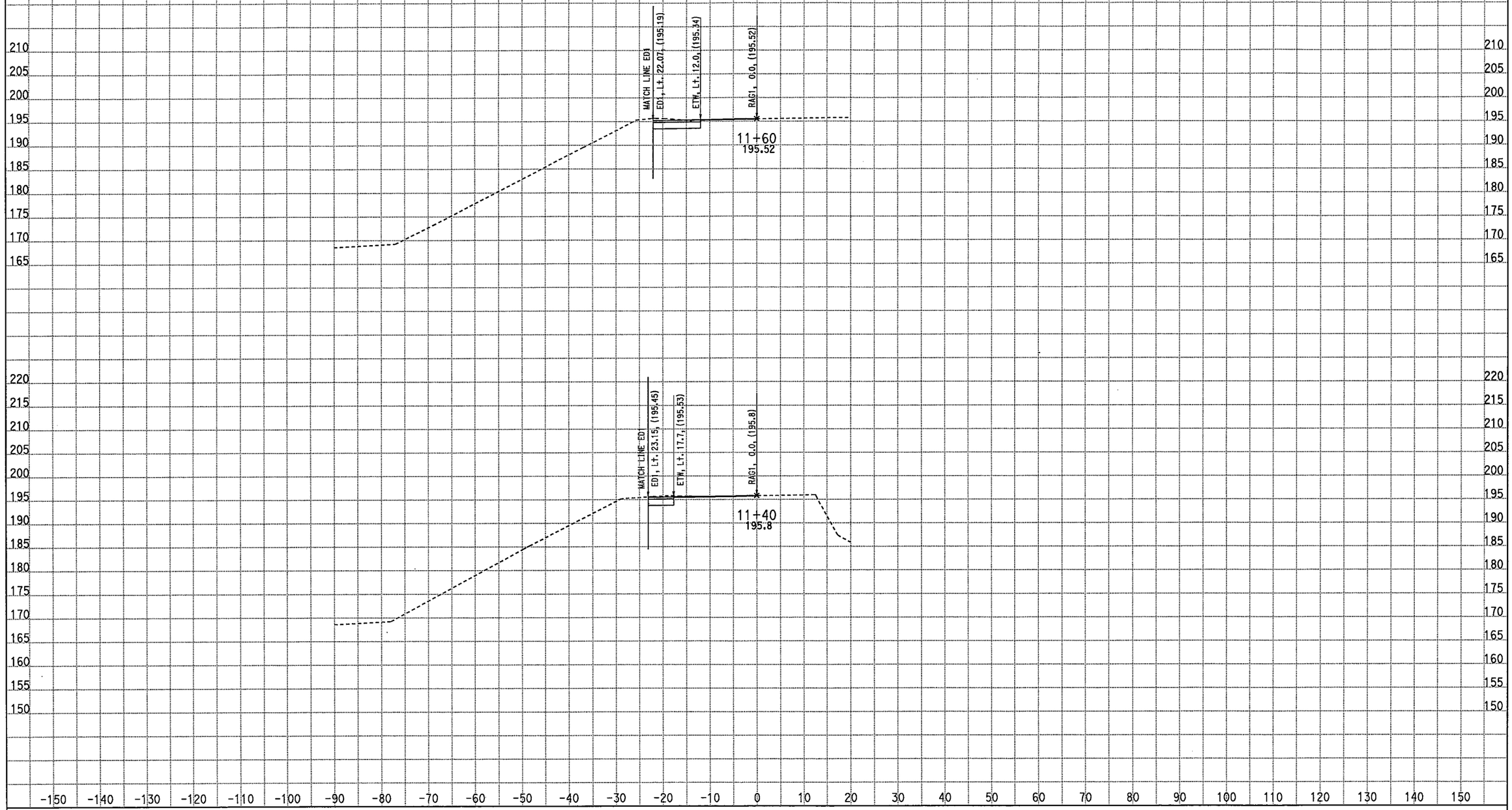
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RAG1
CROSS SECTIONS
SHEET 1 OF 5

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rag1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

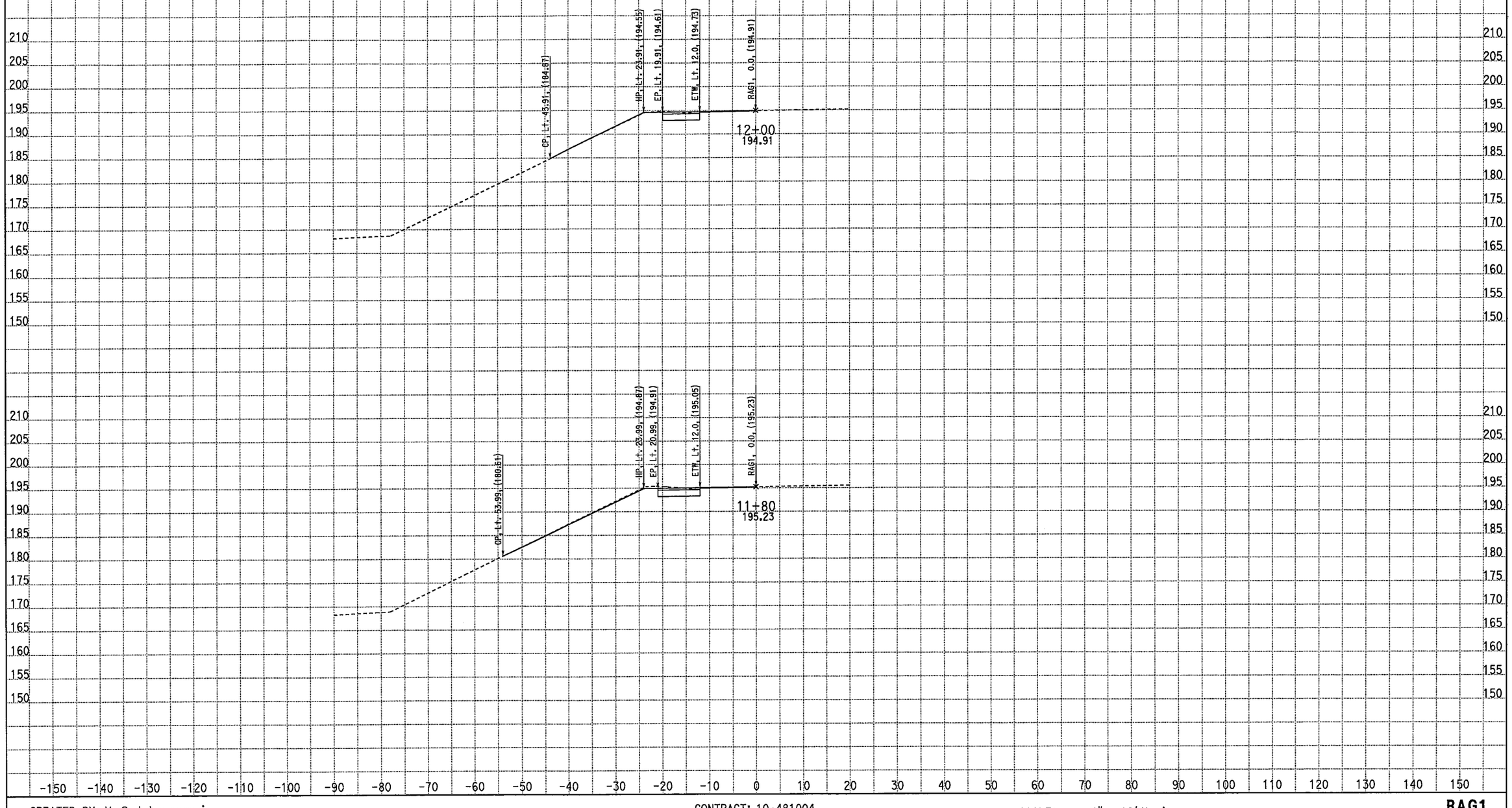
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RAG1
CROSS SECTIONS
SHEET 2 OF 5

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



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DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rag1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

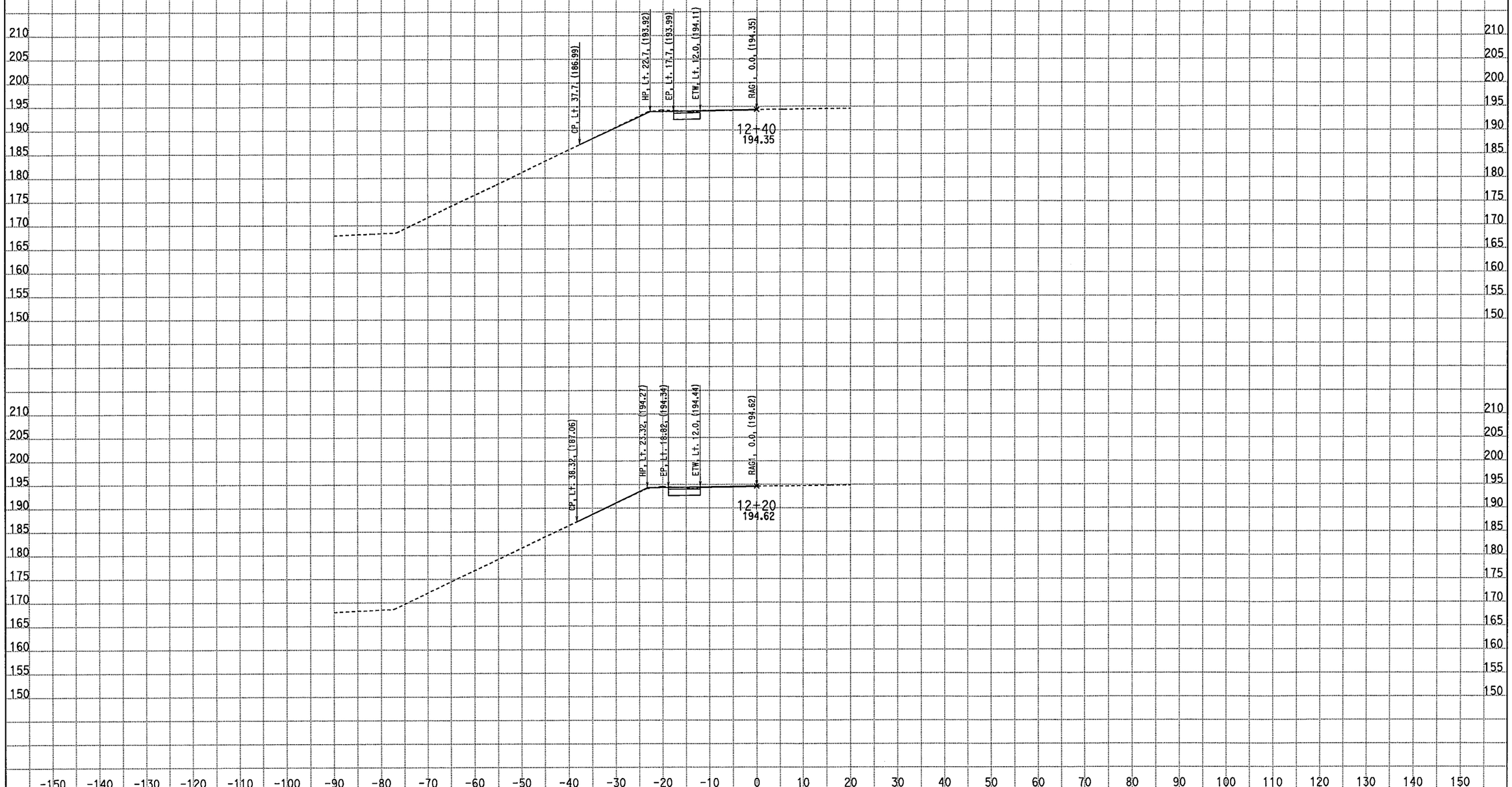
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RAG1
CROSS SECTIONS
SHEET 3 OF 5

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rag1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

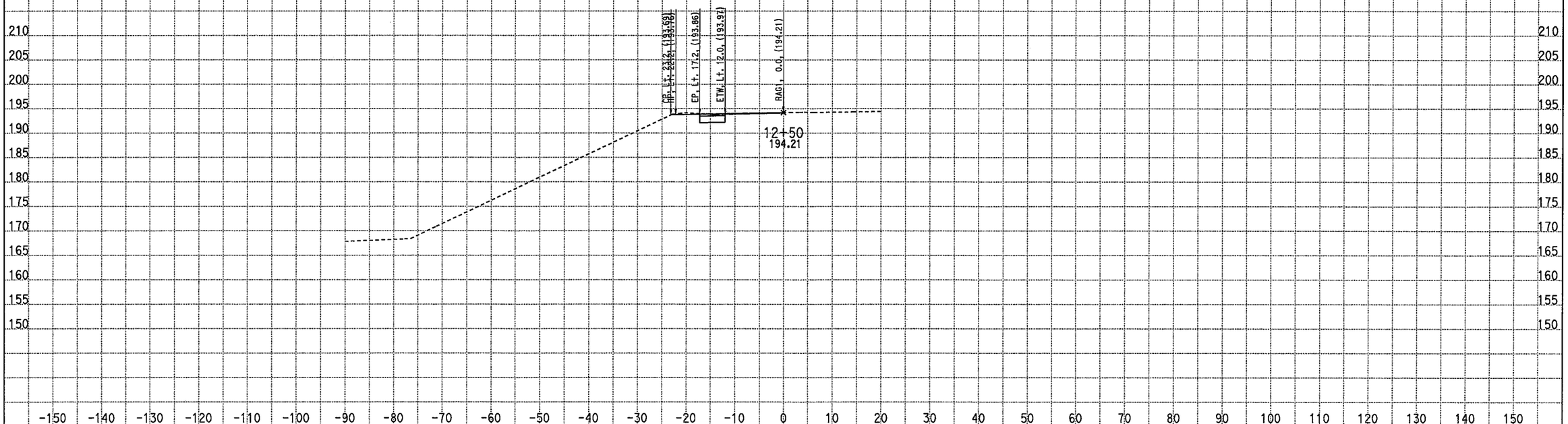
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

RAG1
CROSS SECTIONS
SHEET 4 OF 5

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 1 Southbound Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/21/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\rag1_des.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-Mer-99-PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

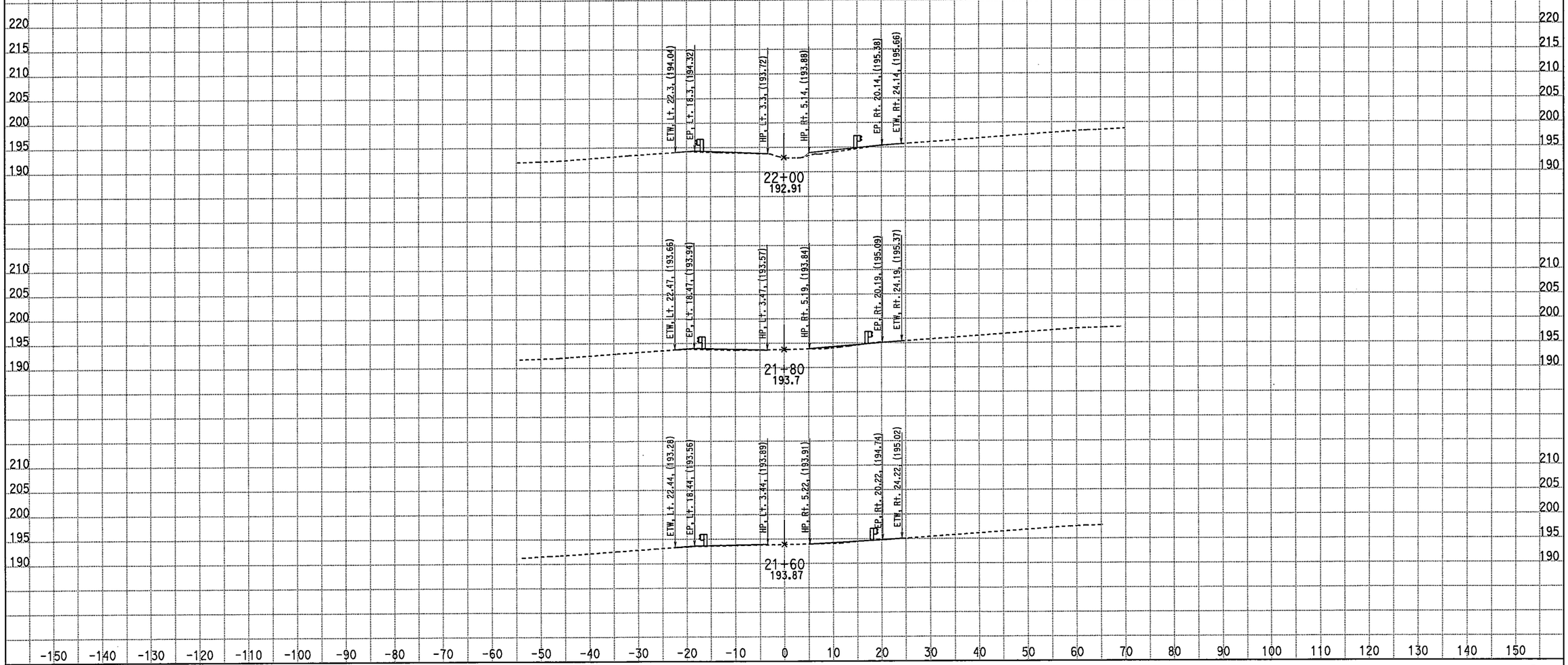
RAG1
CROSS SECTIONS
SHEET 5 OF 5

STAGE 3

PHASE 3

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

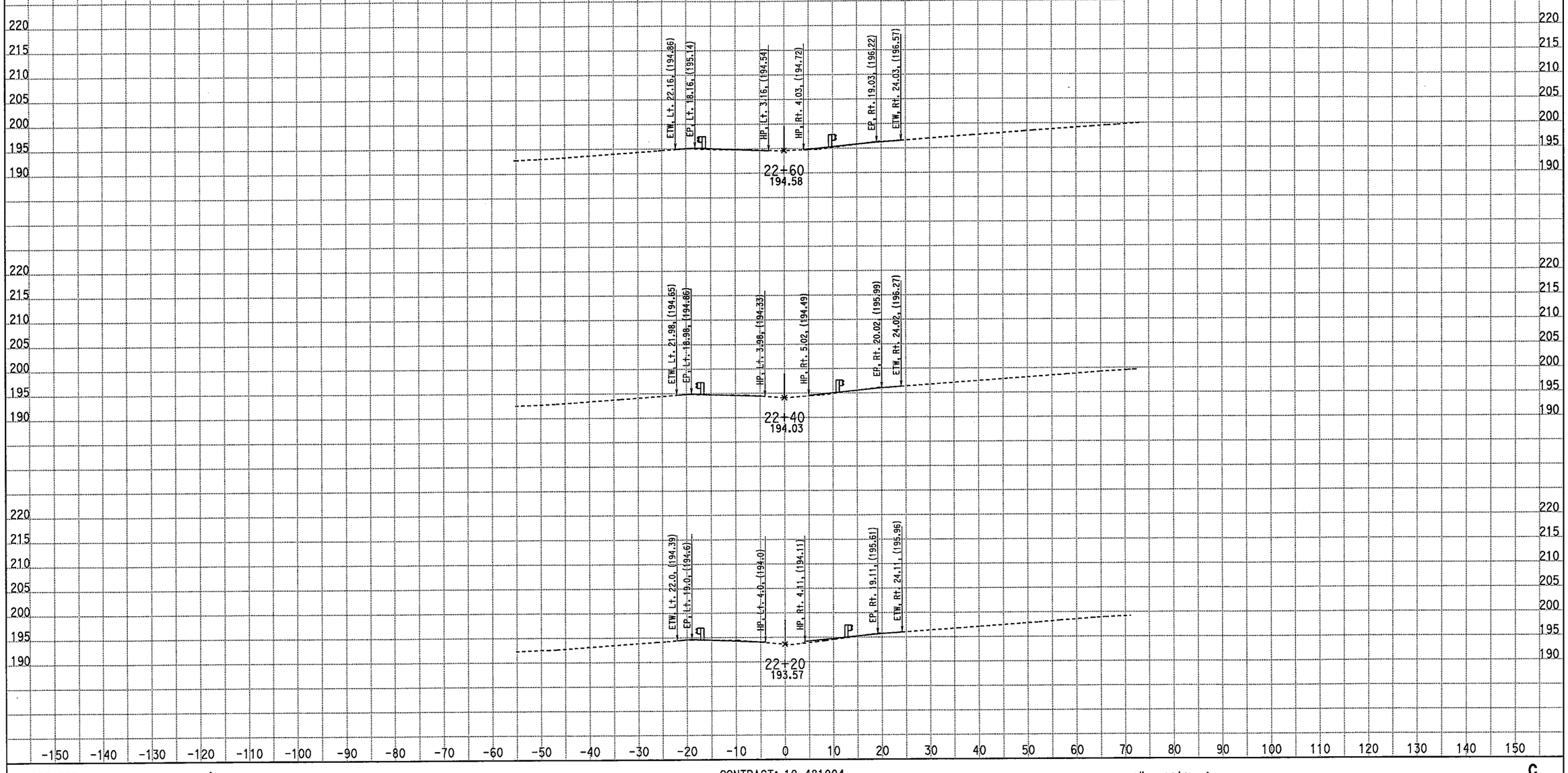
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 1 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

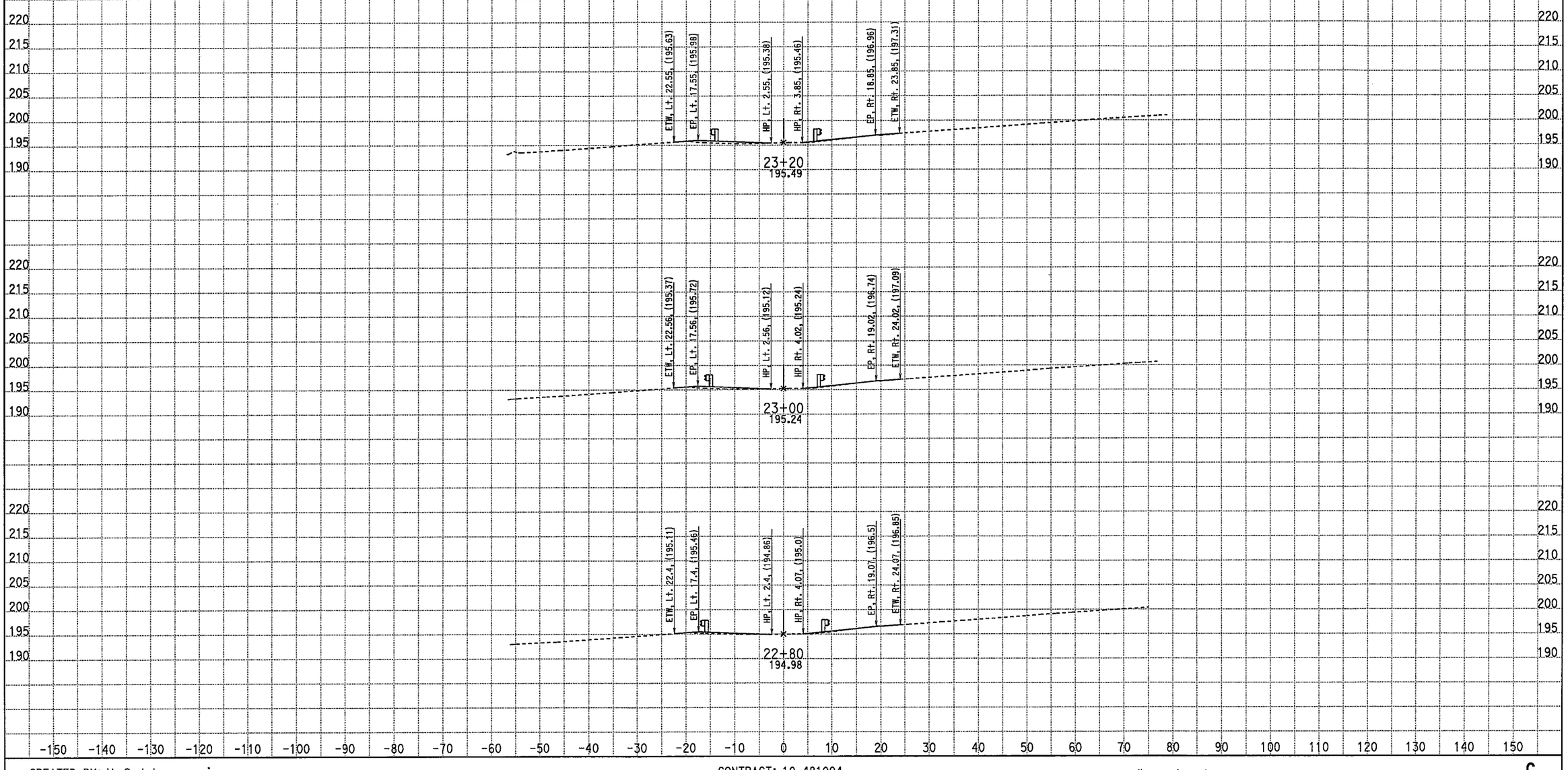
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 2 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

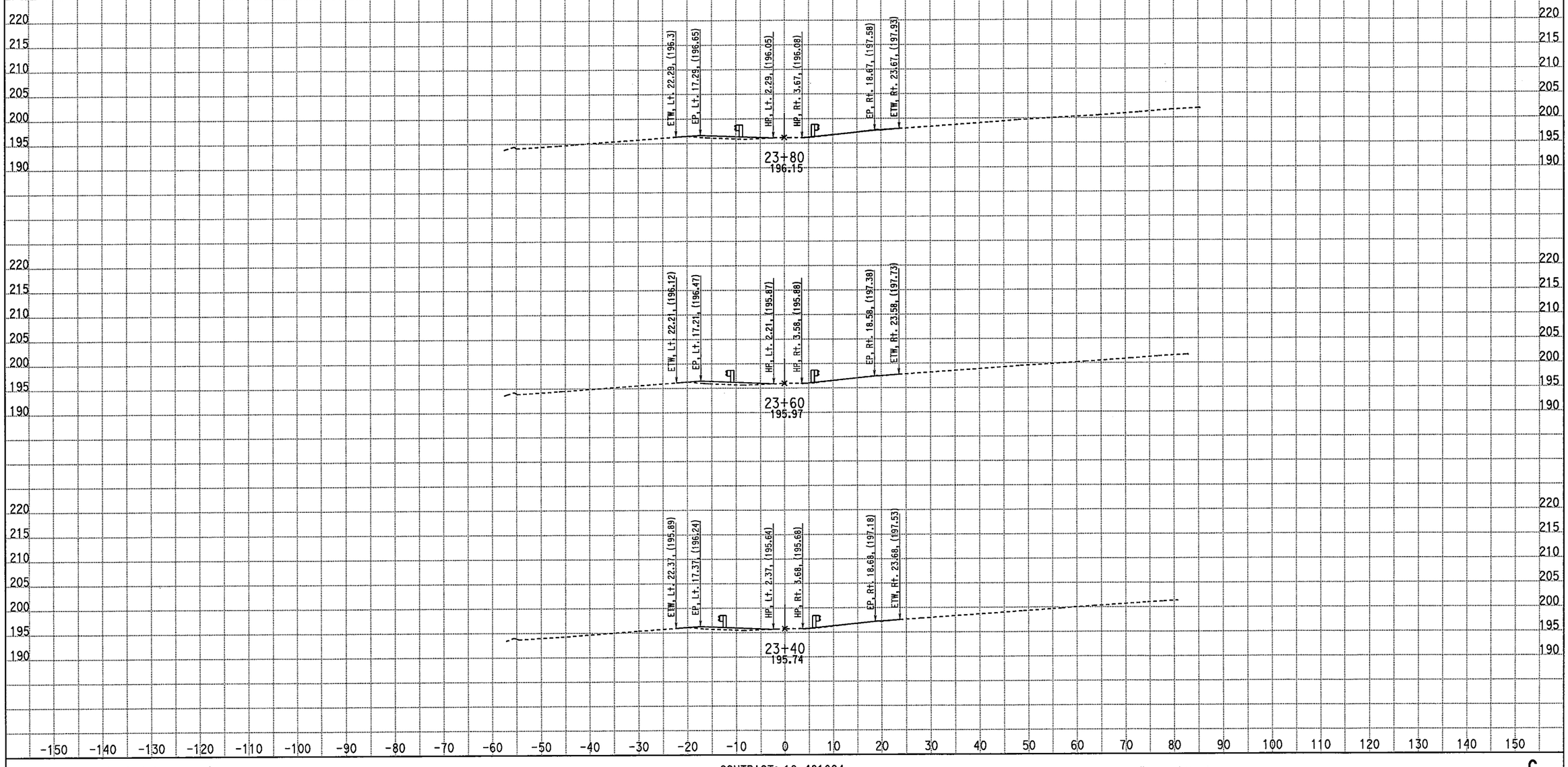
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 3 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

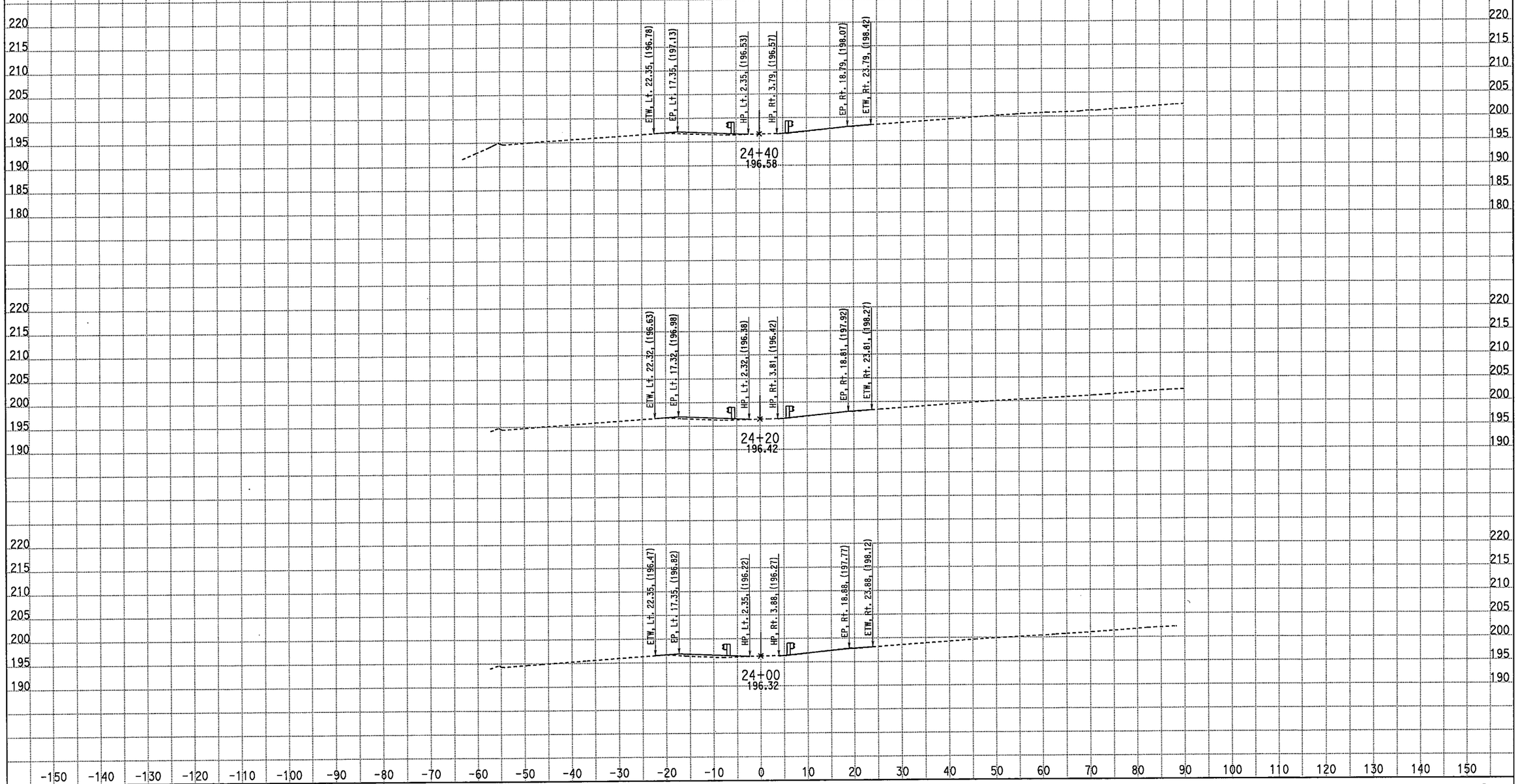
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 4 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

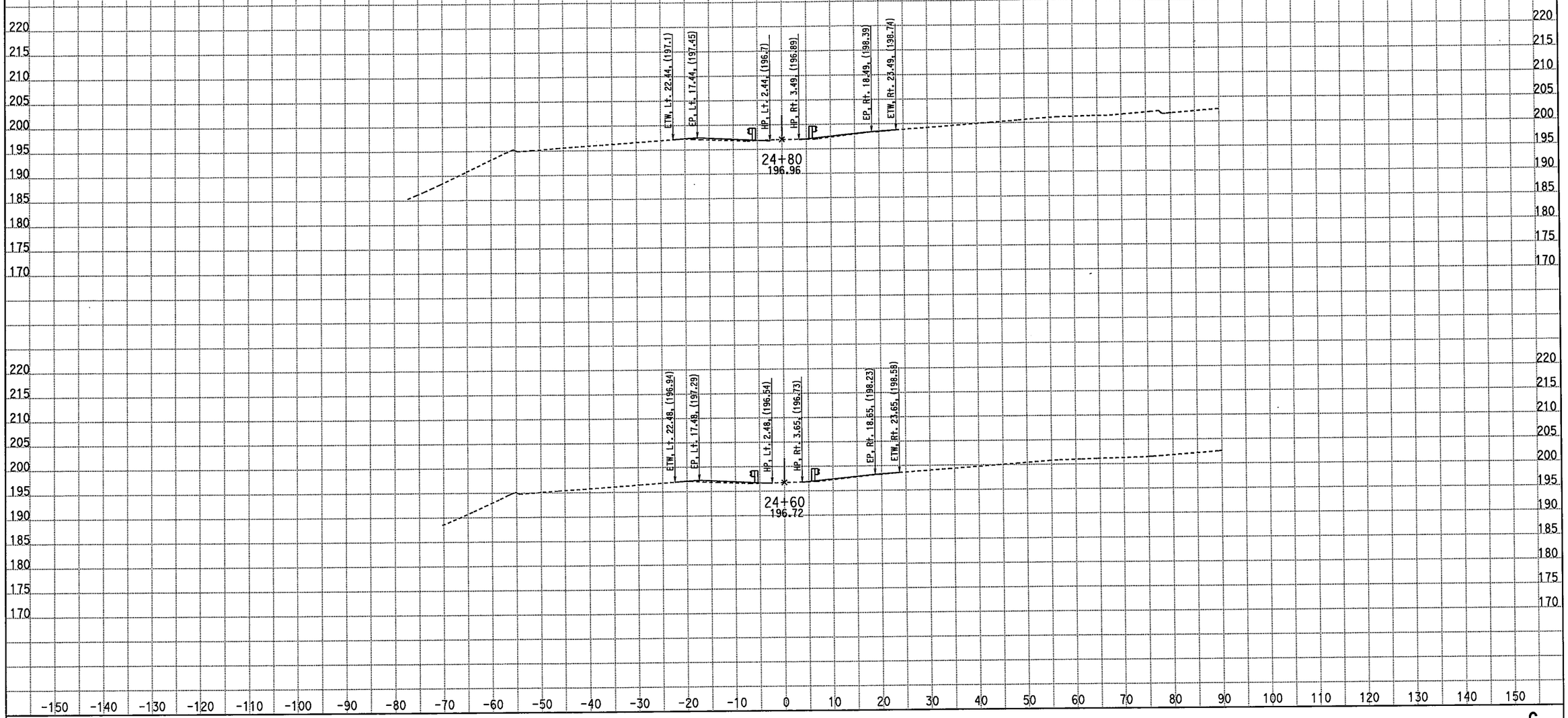
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 5 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

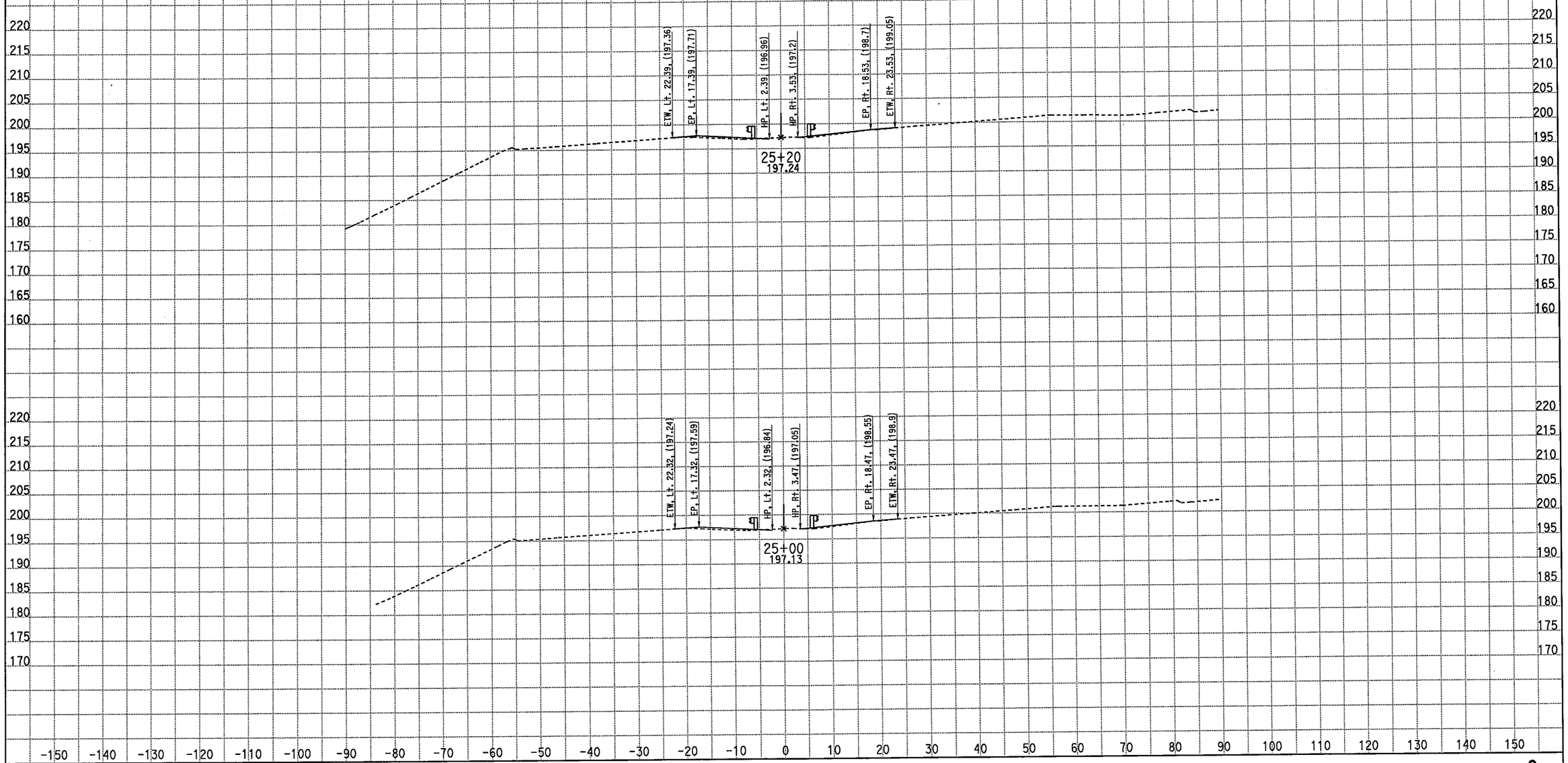
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 6 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

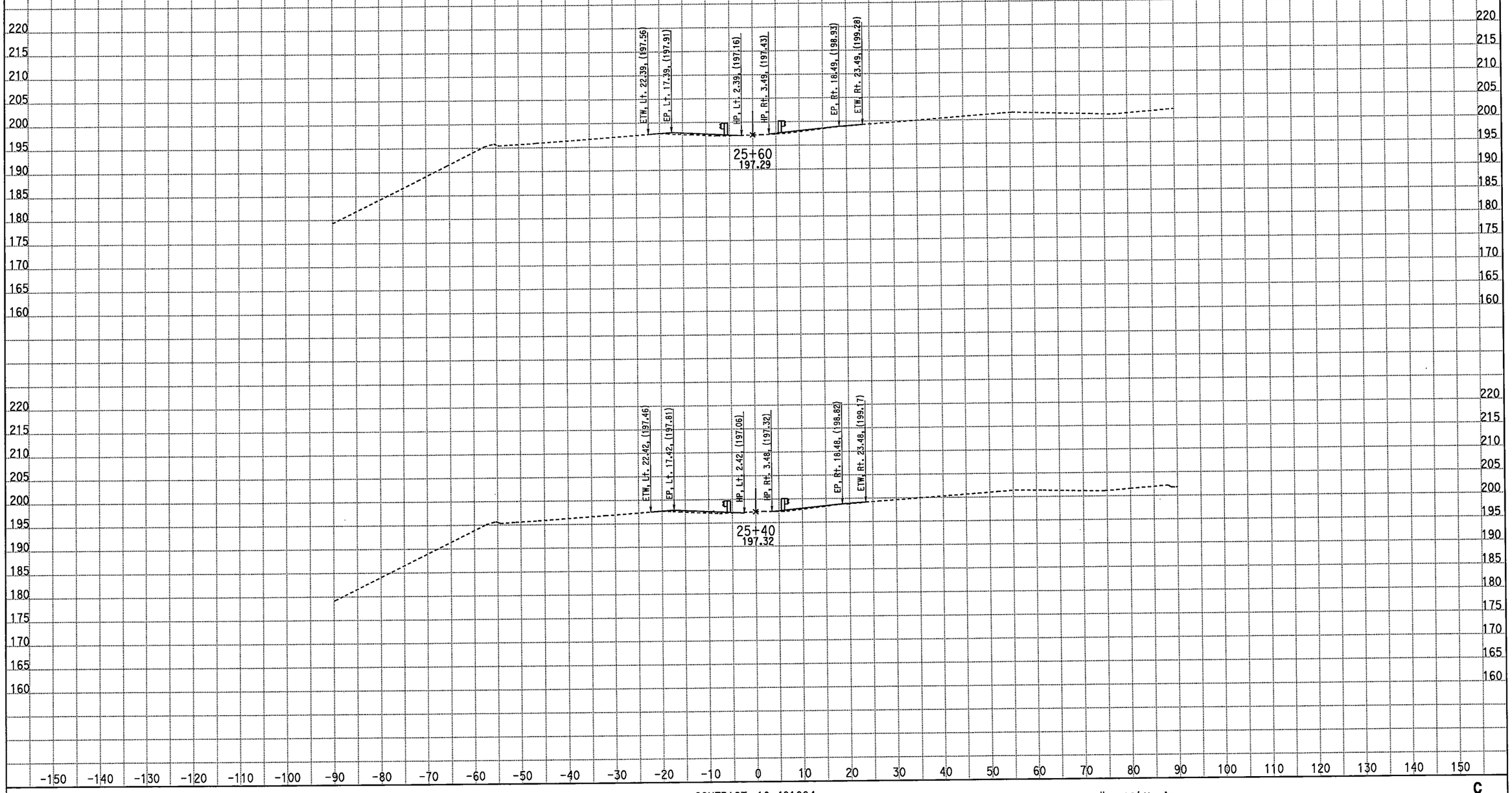
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 7 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

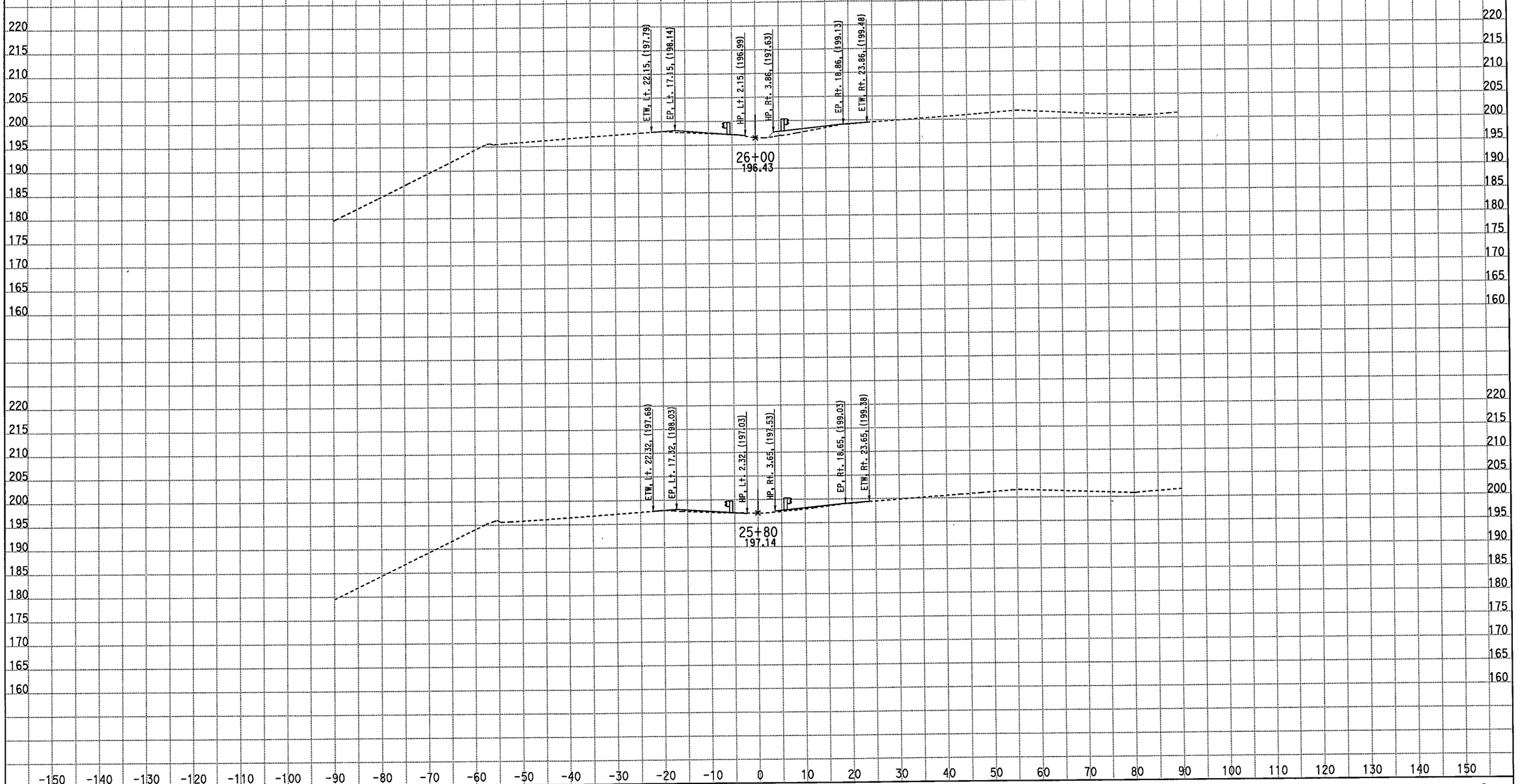
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 8 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

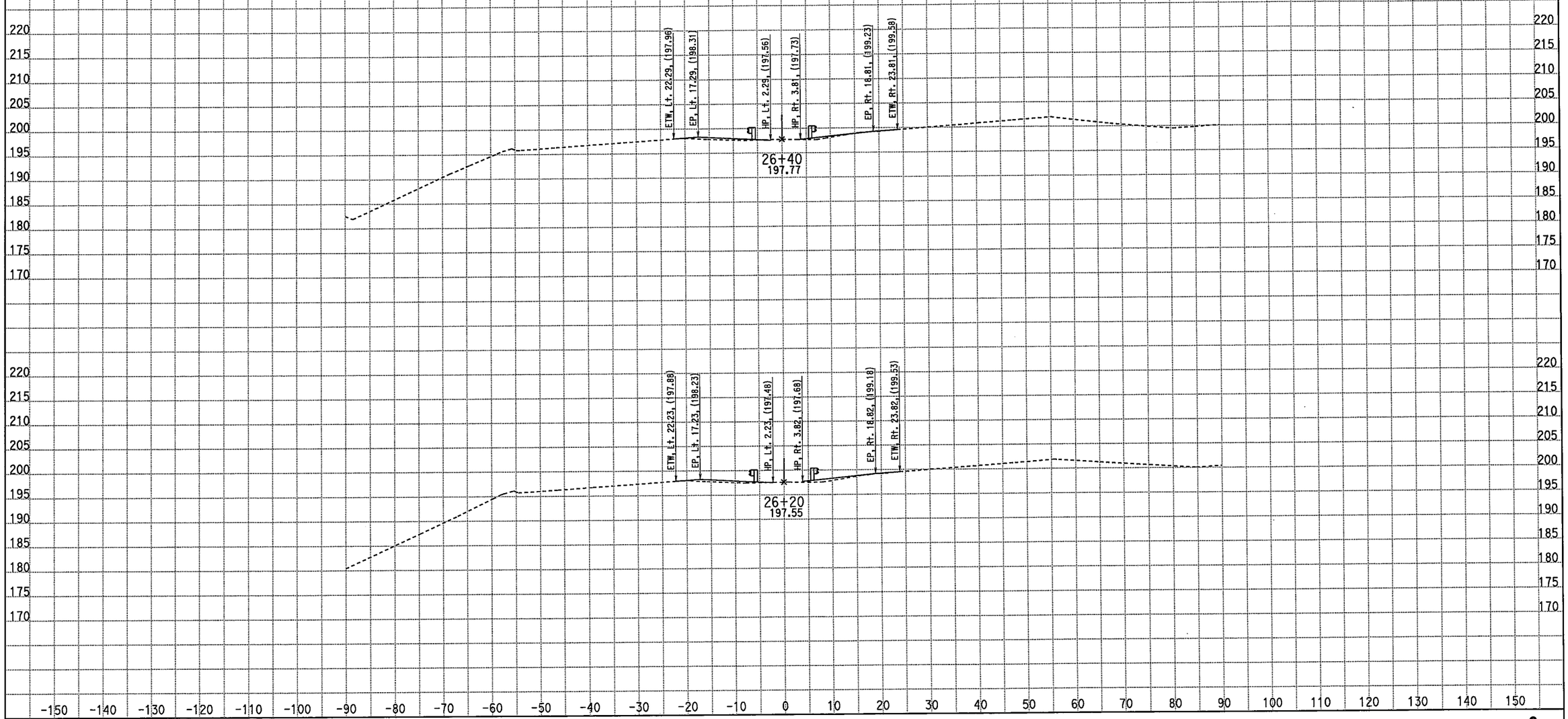
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 9 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

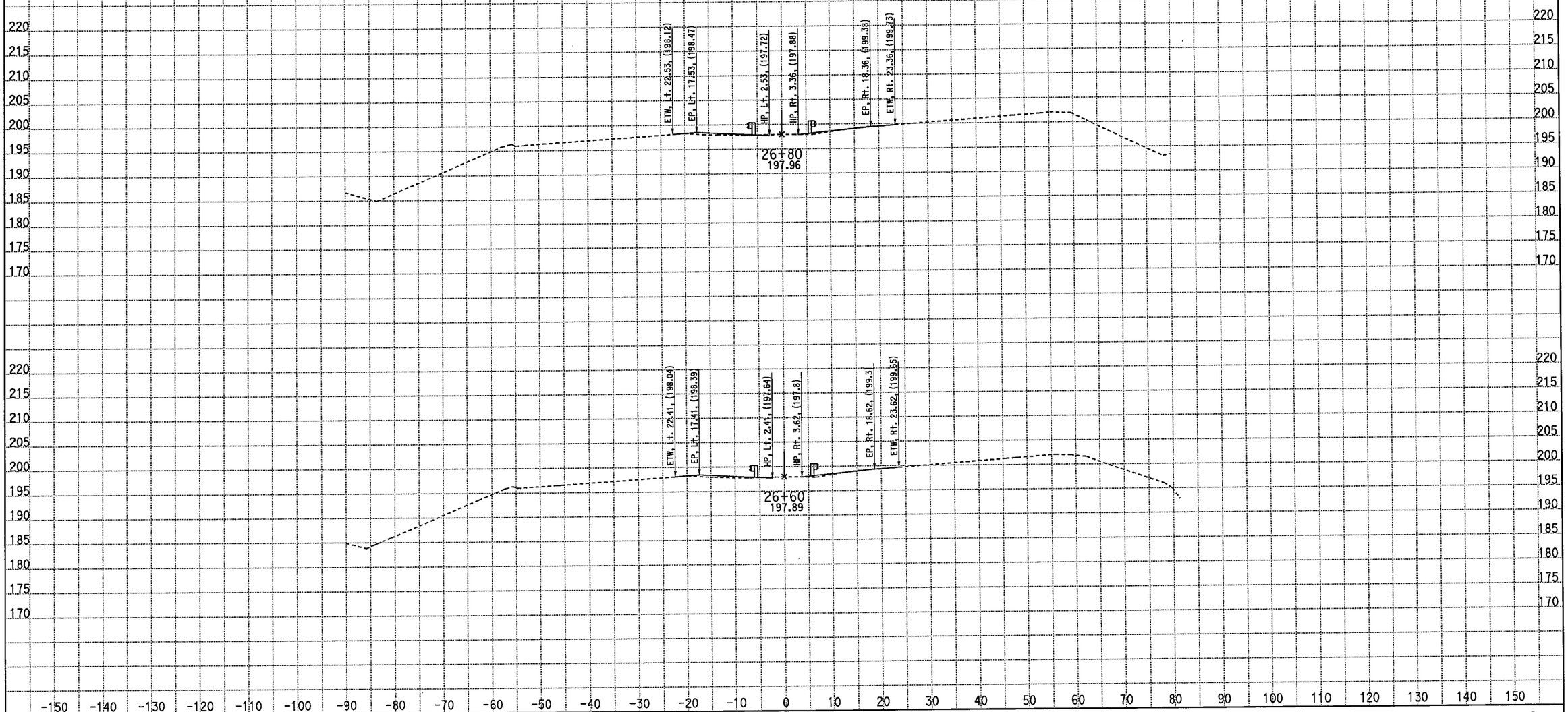
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 10 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

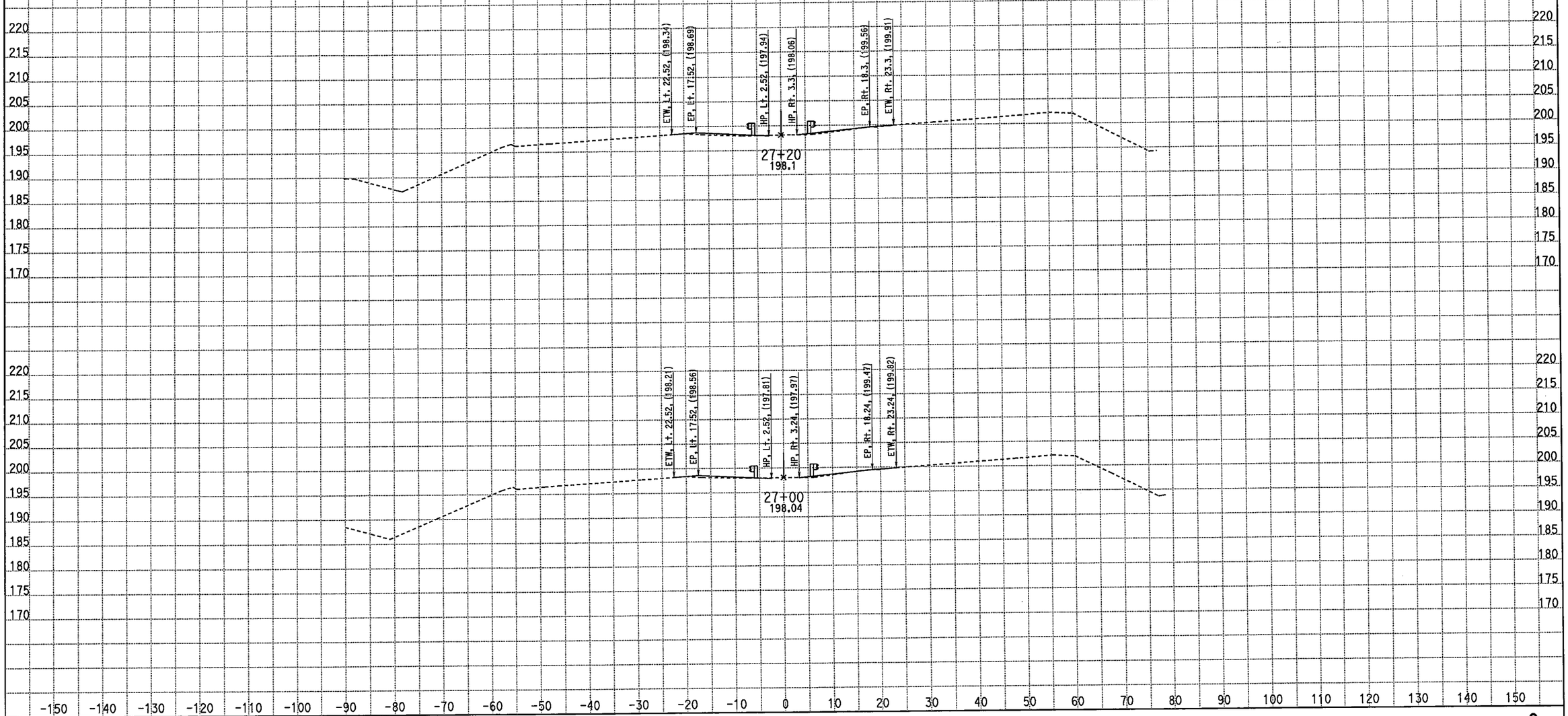
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 11 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

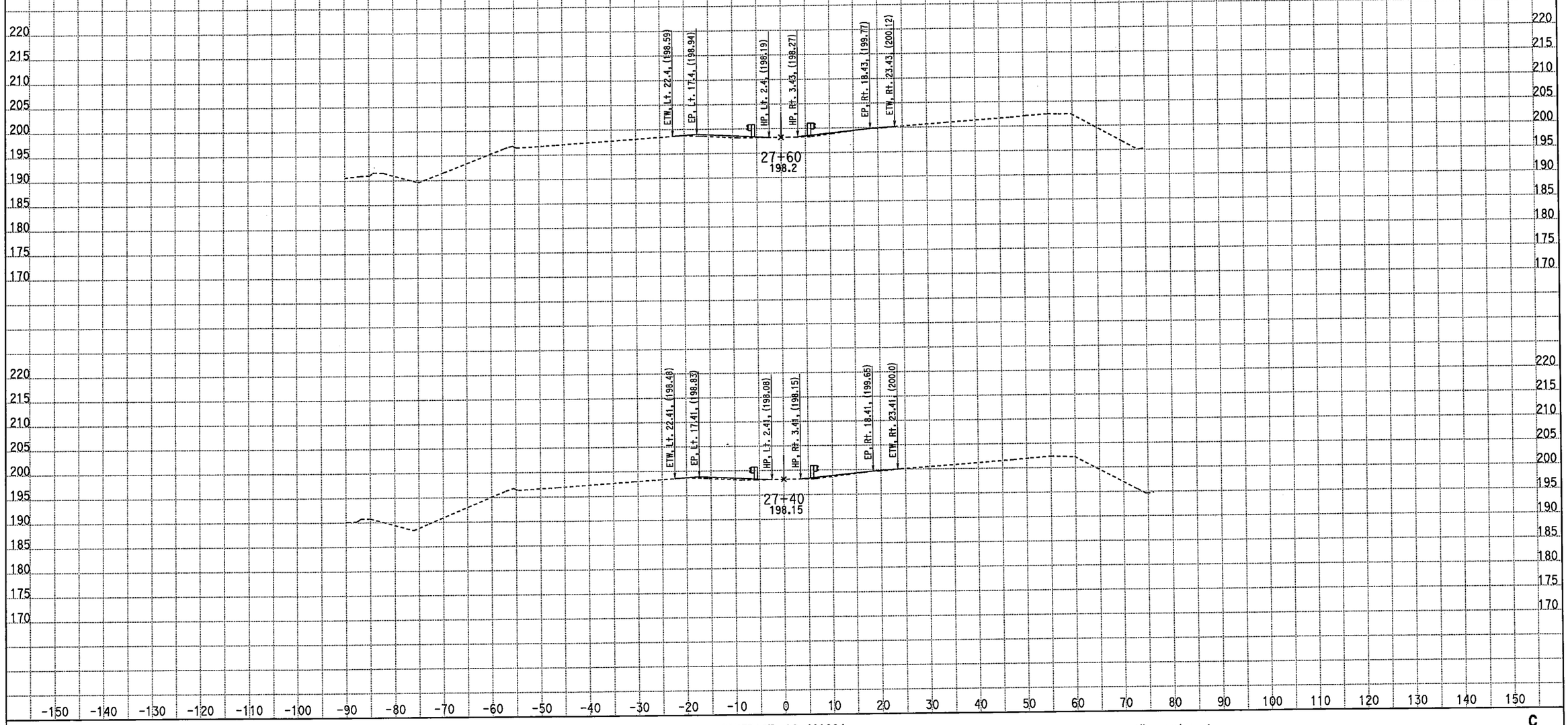
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 12 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

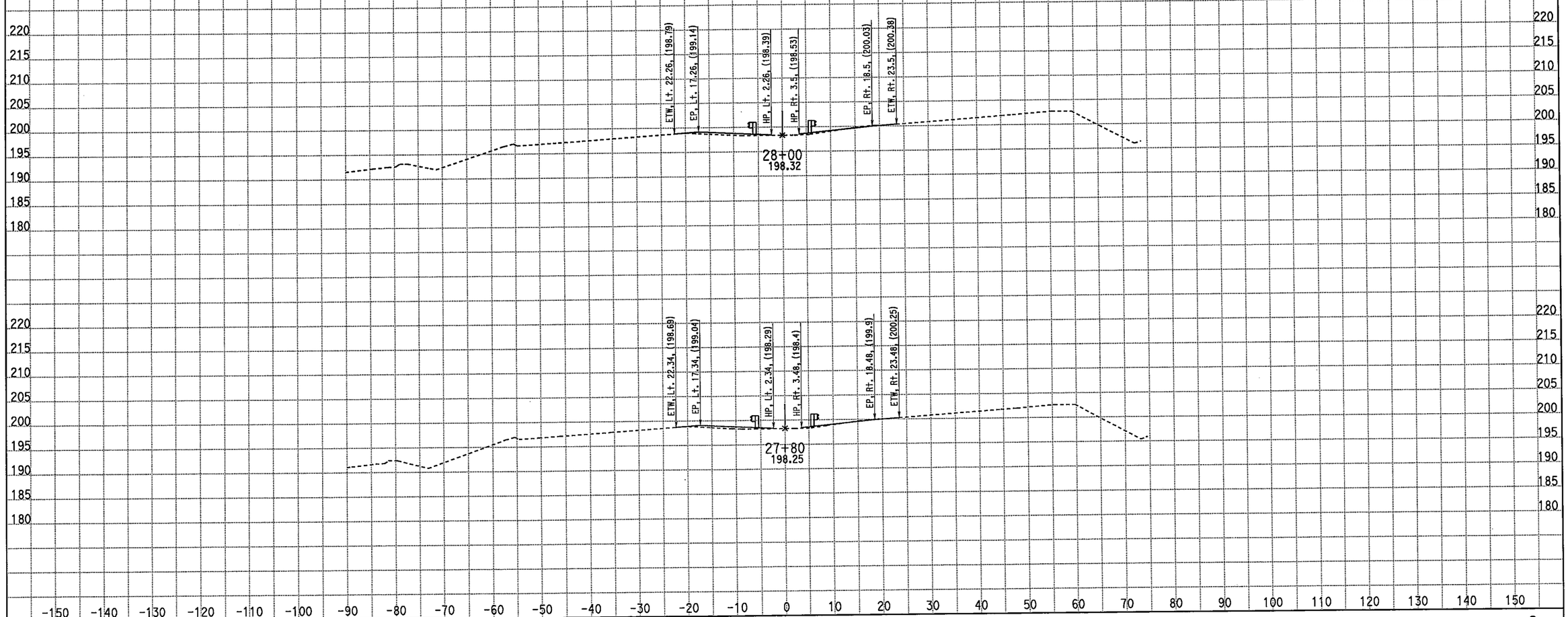
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 13 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

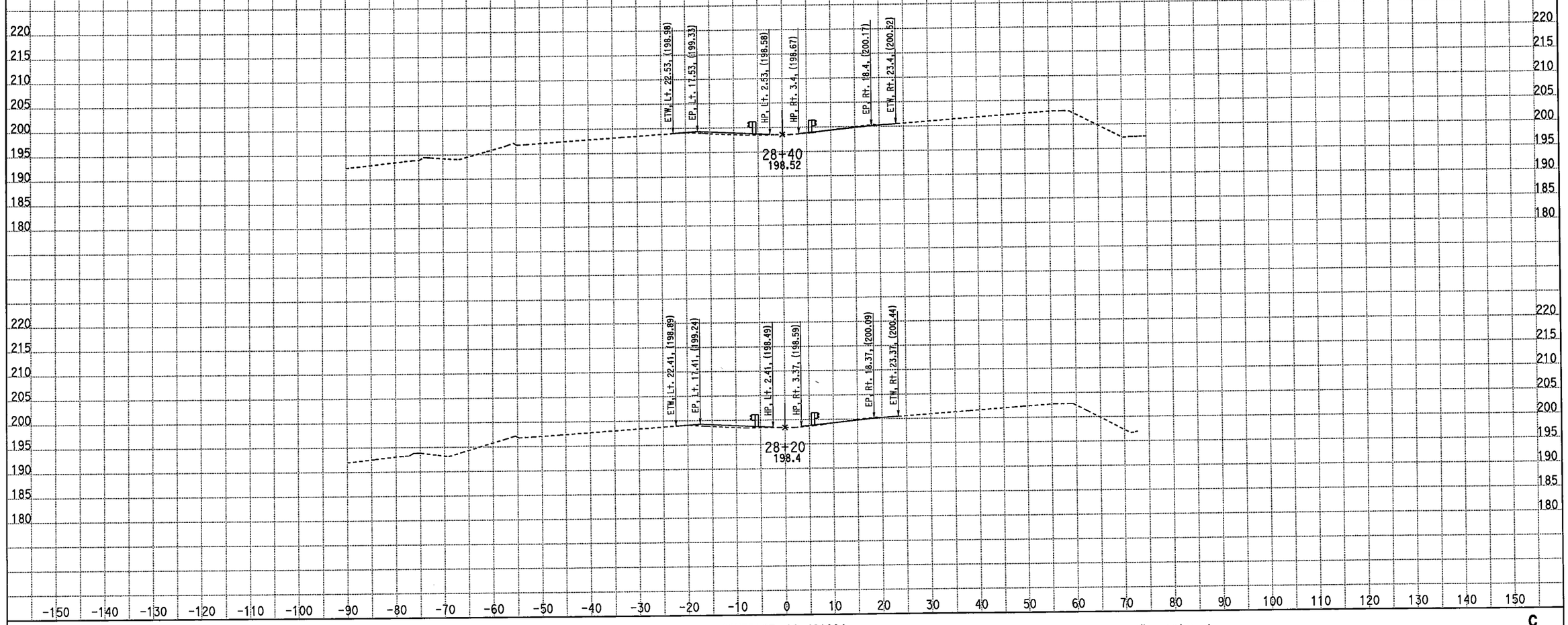
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 14 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

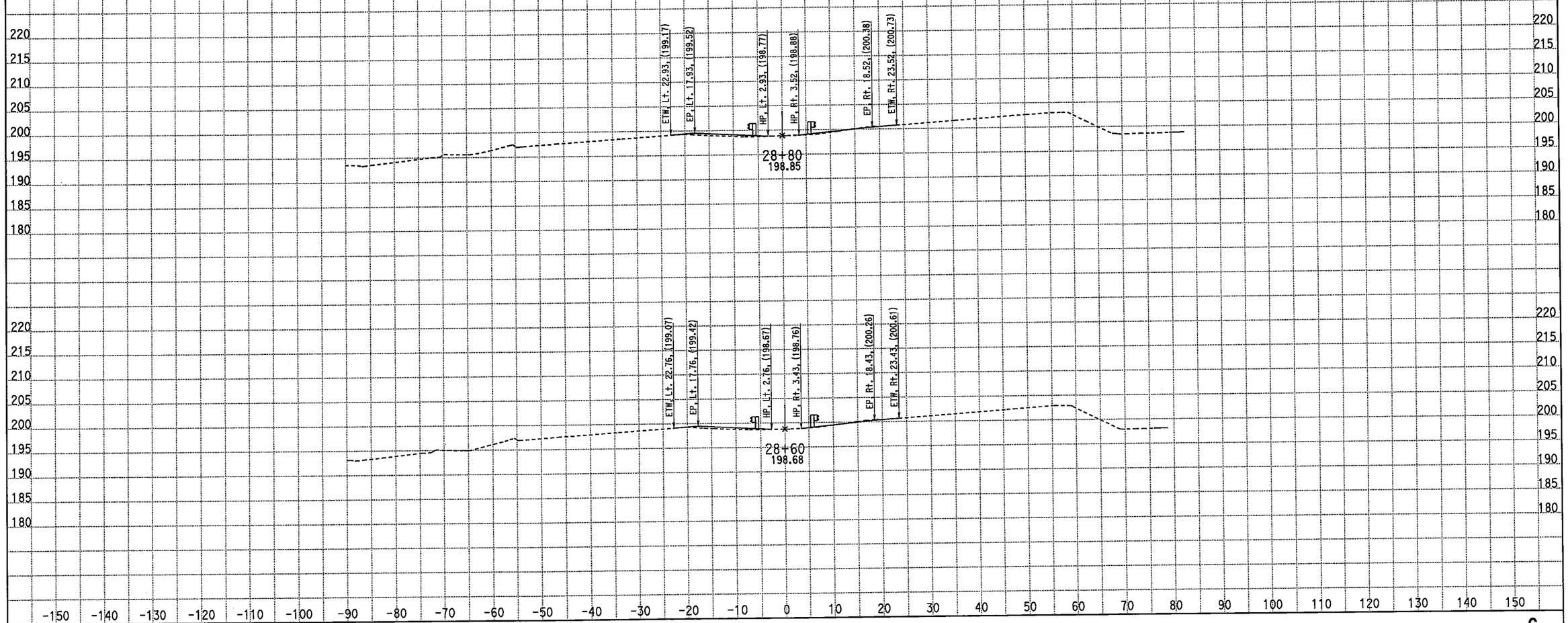
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 15 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

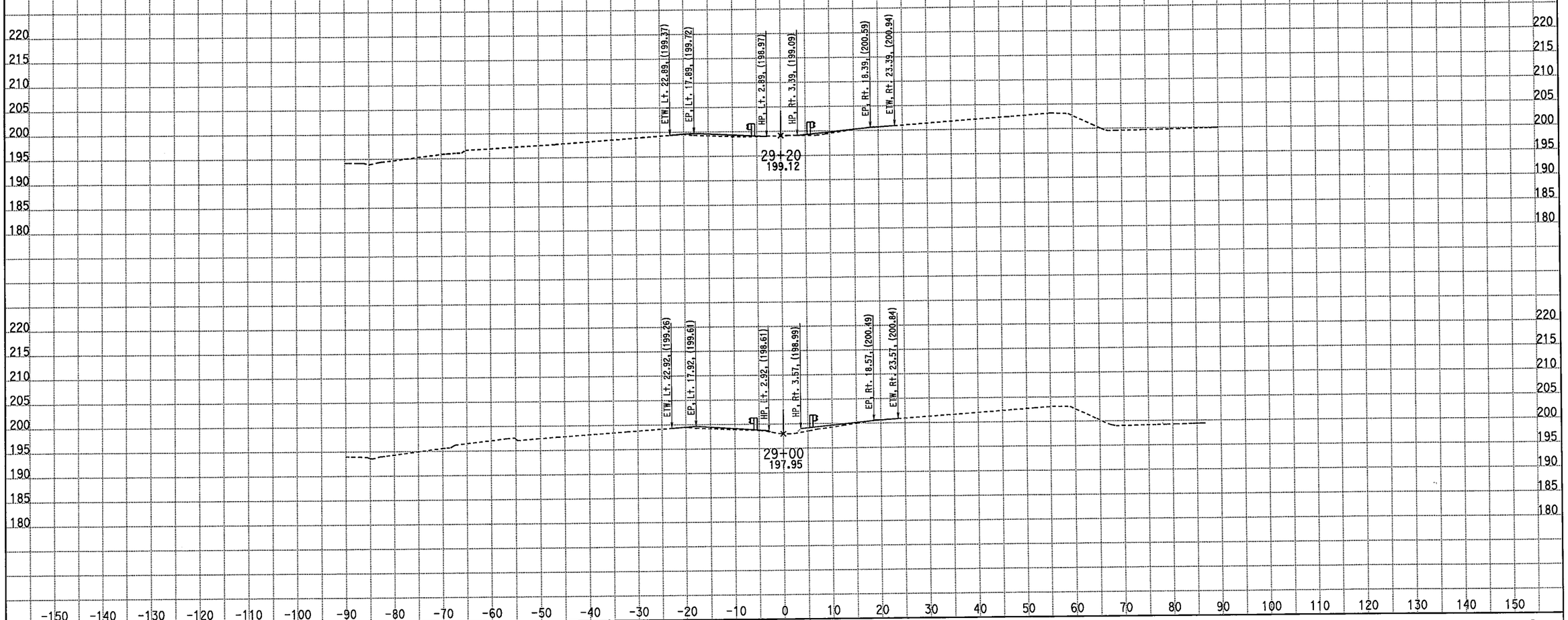
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 16 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

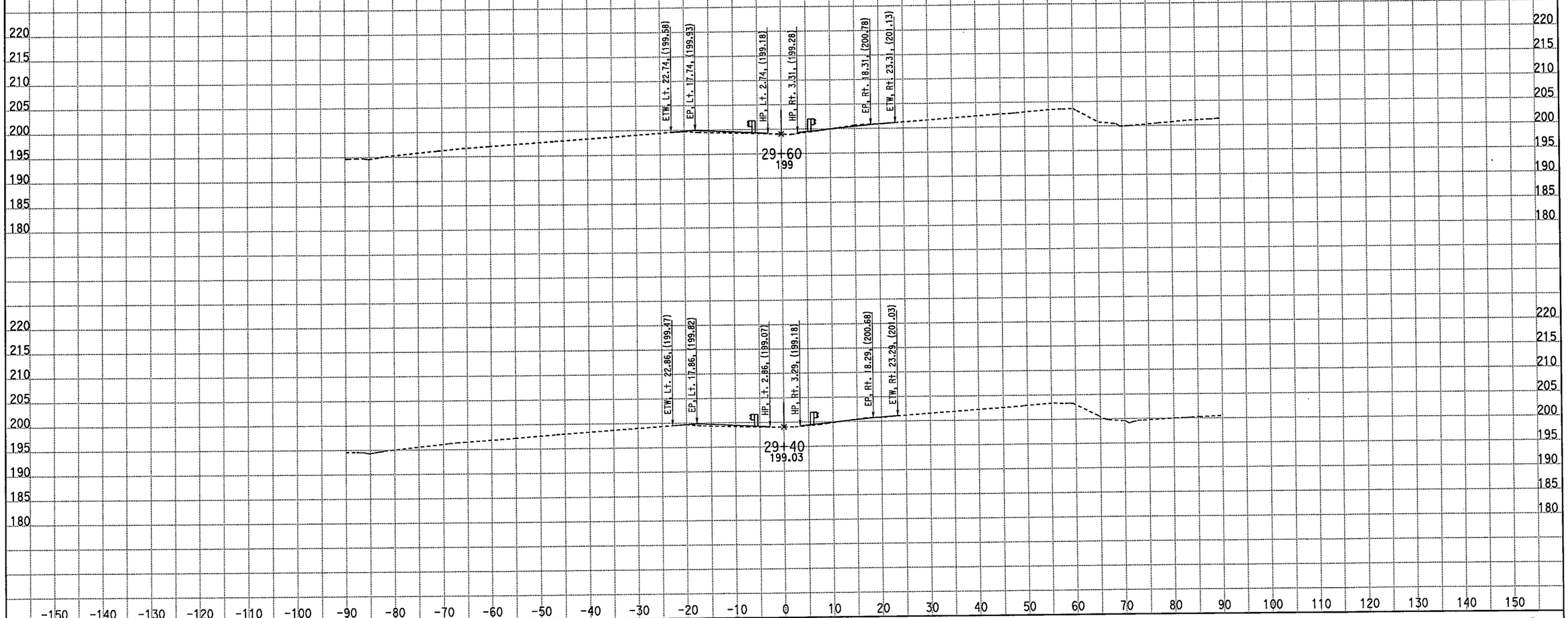
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 17 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

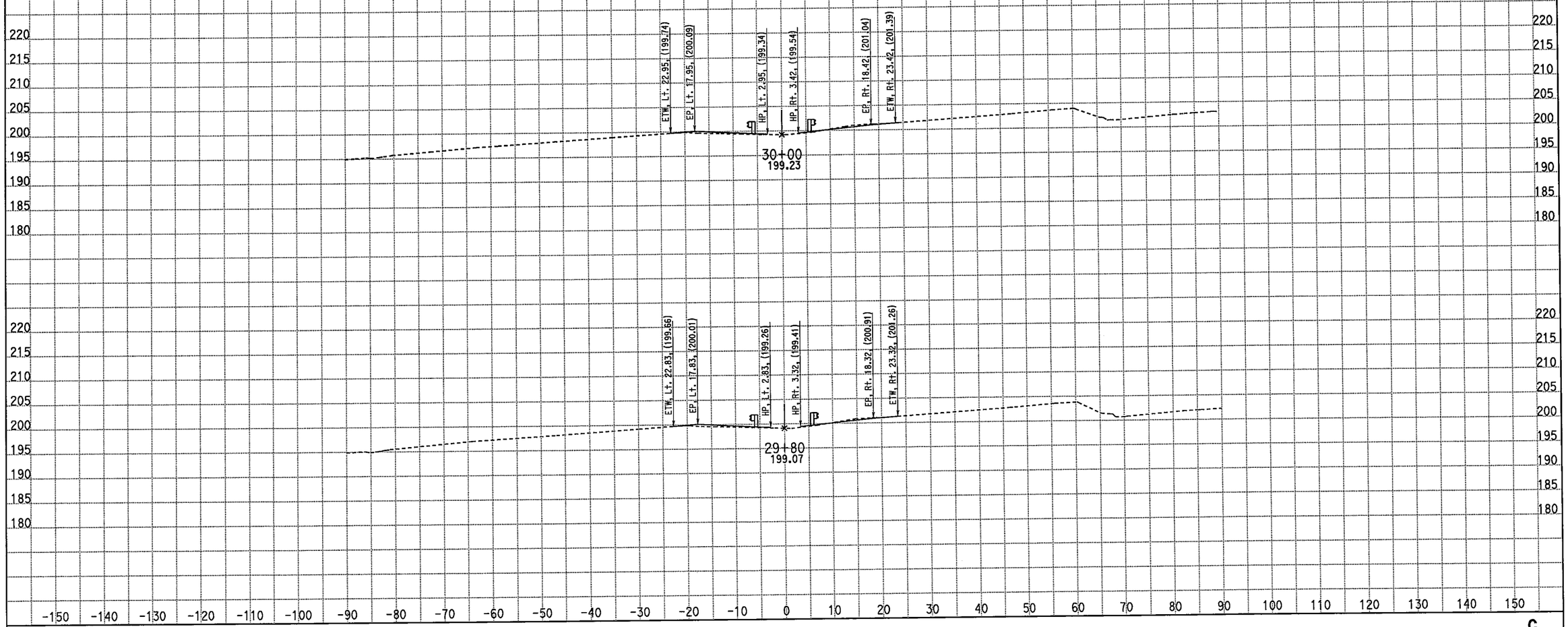
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 18 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

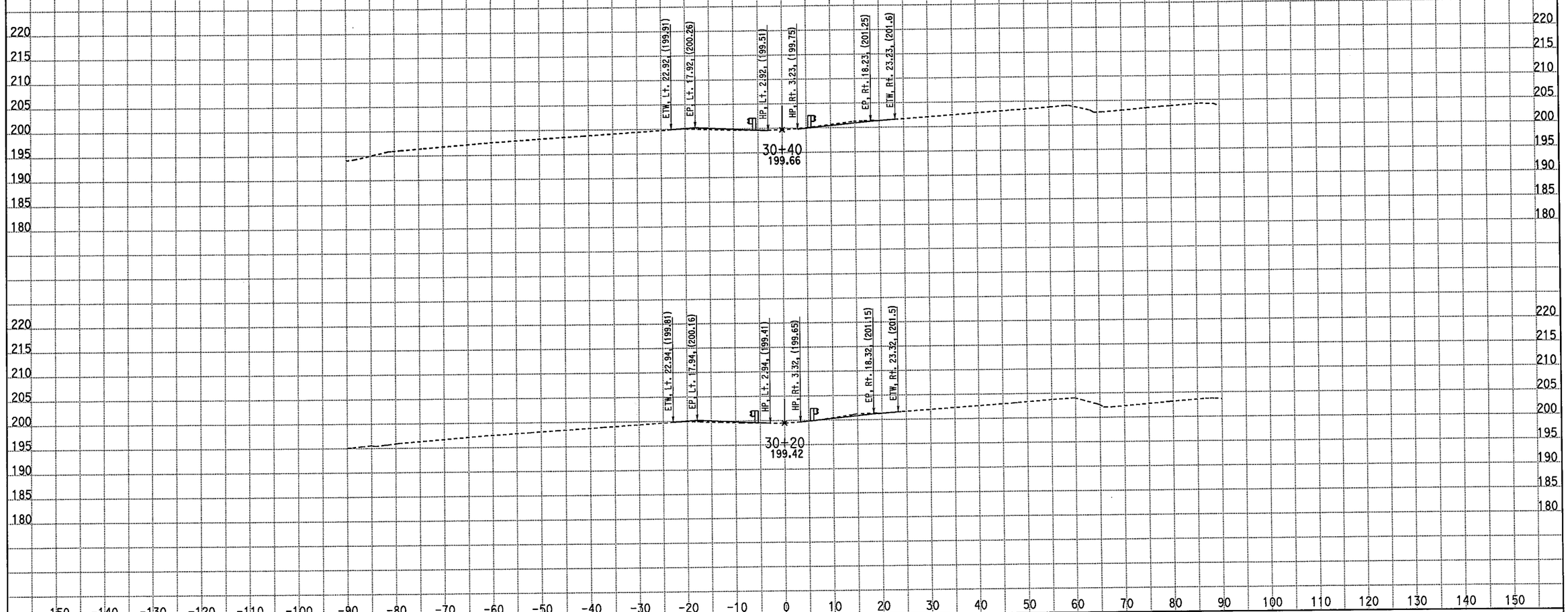
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 19 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

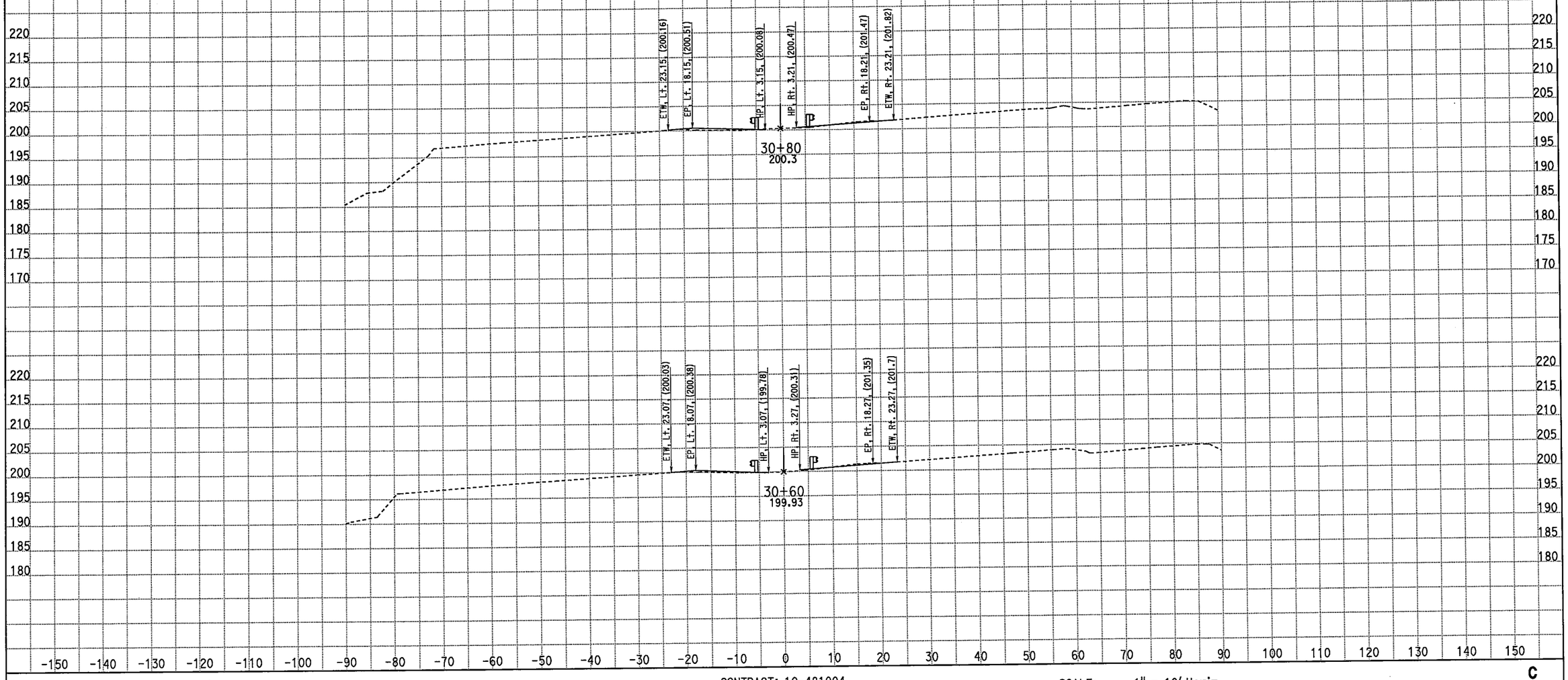
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 20 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

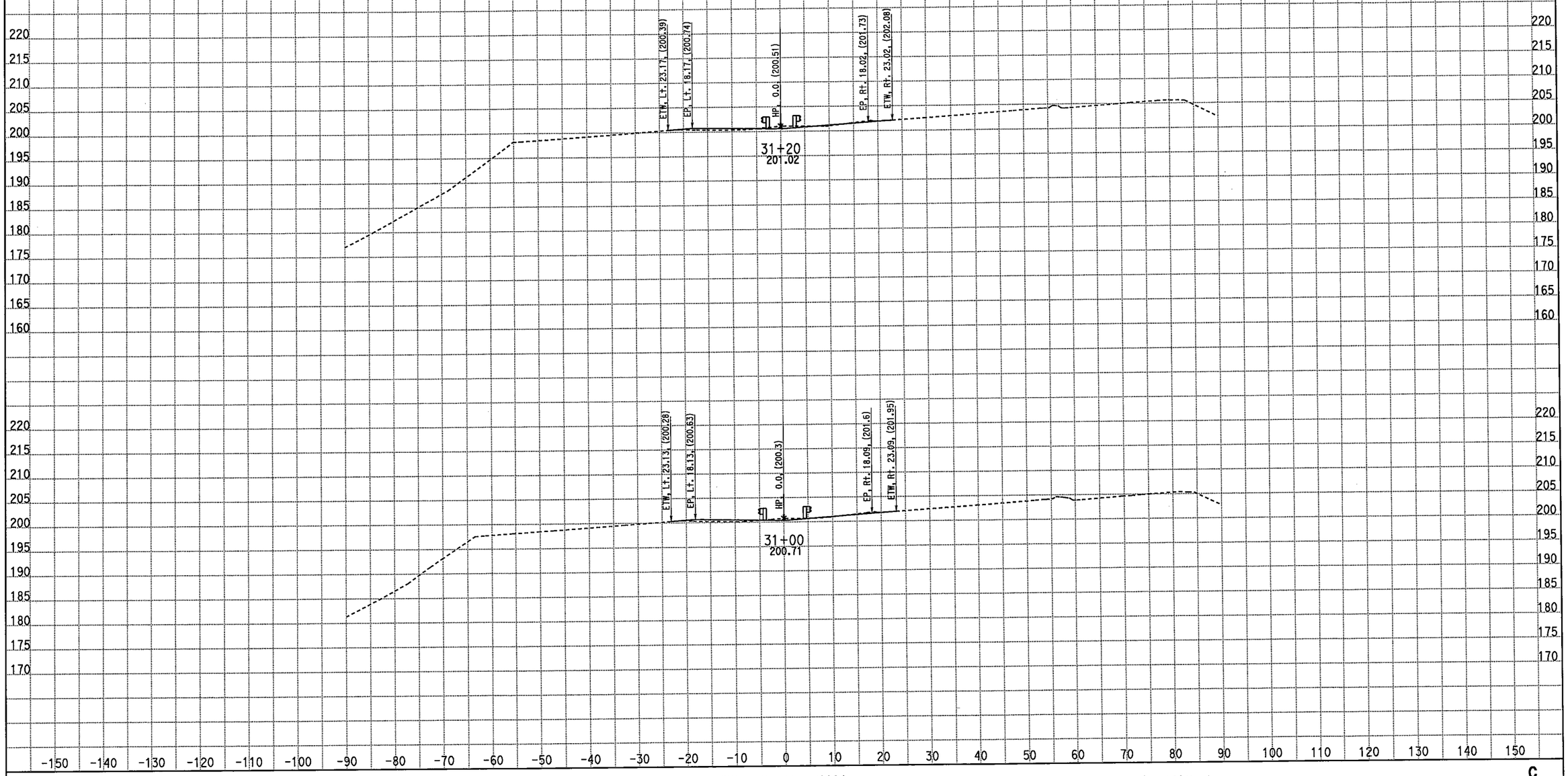
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 21 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

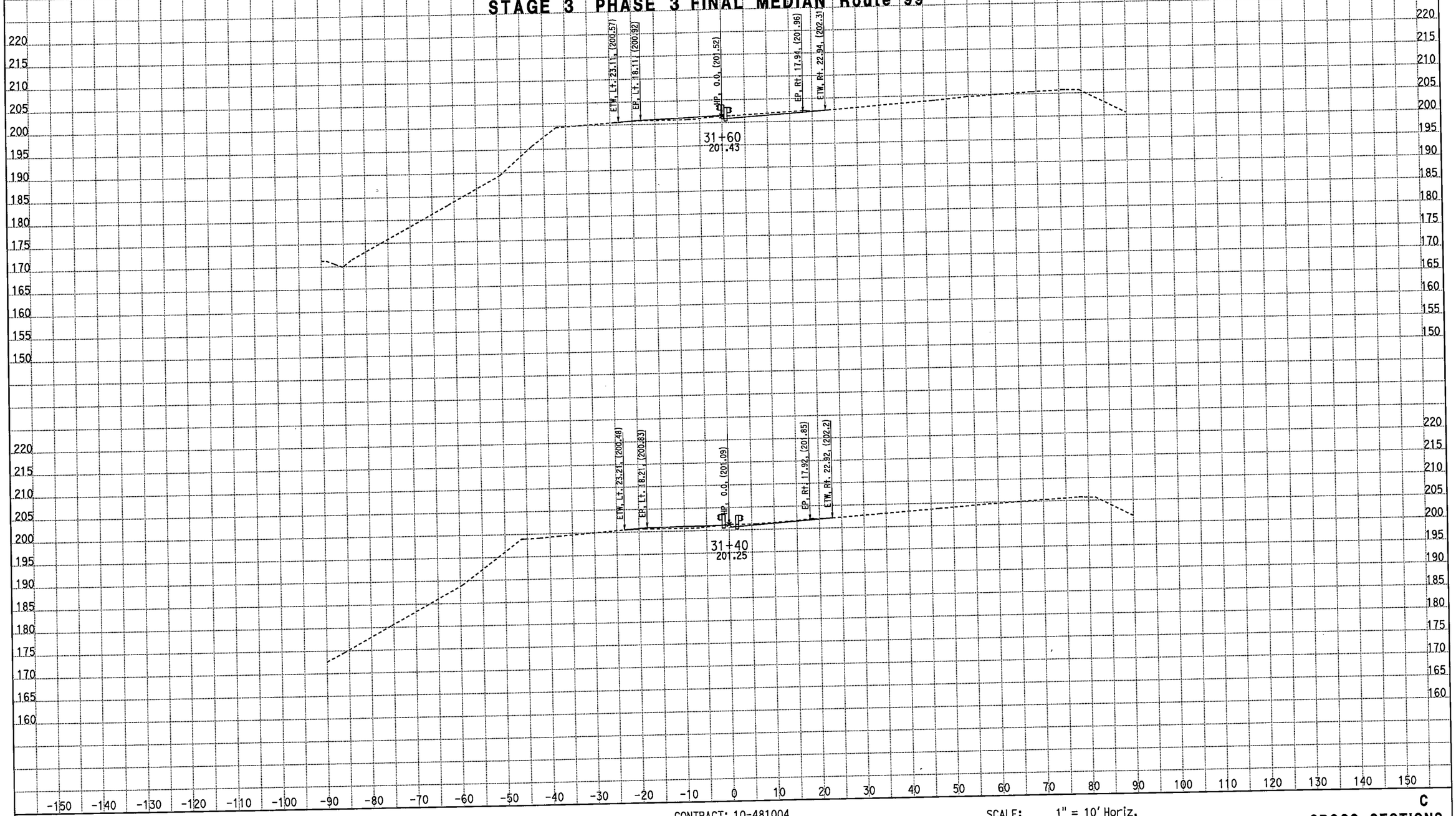
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 22 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

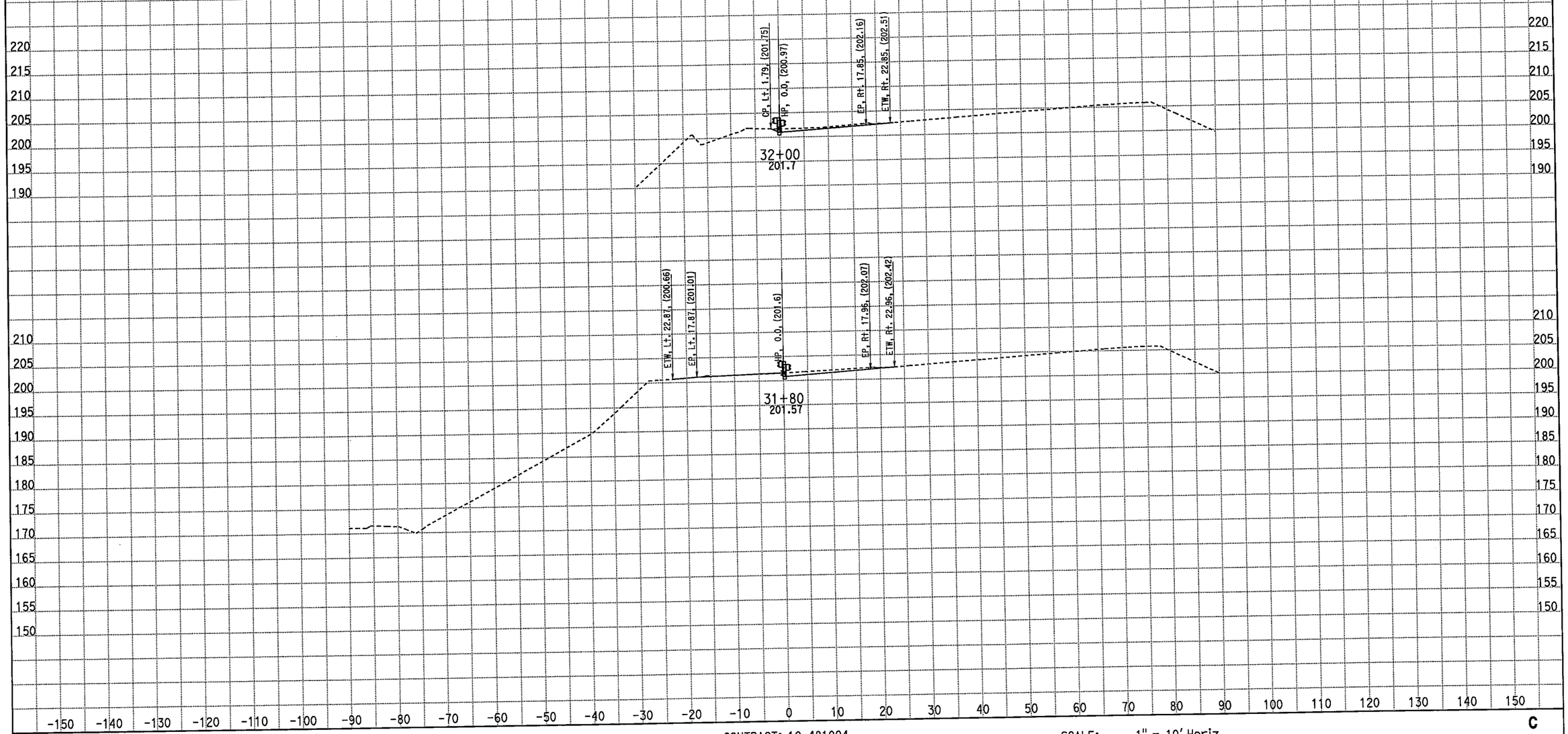
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 23 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

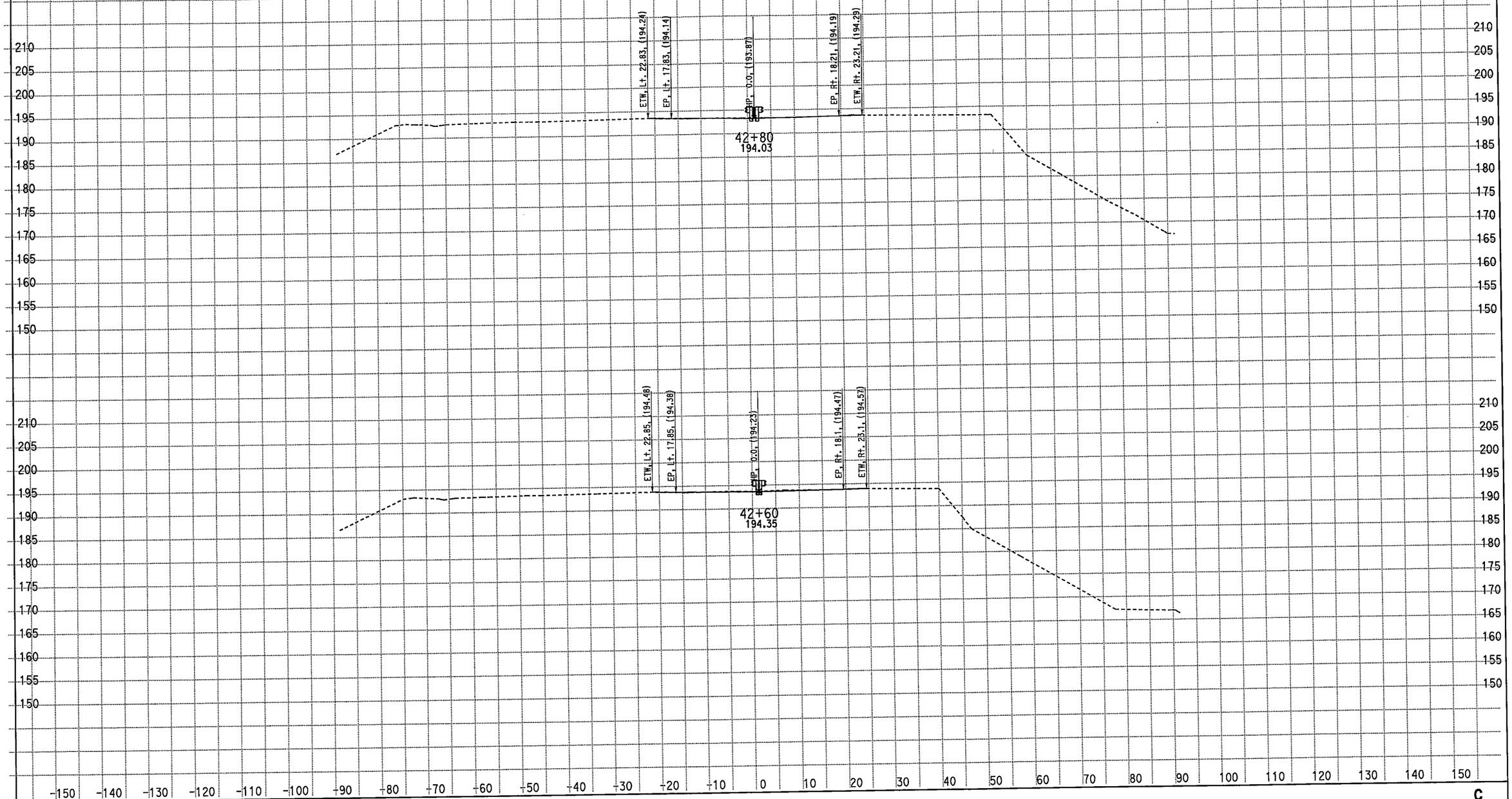
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 24 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

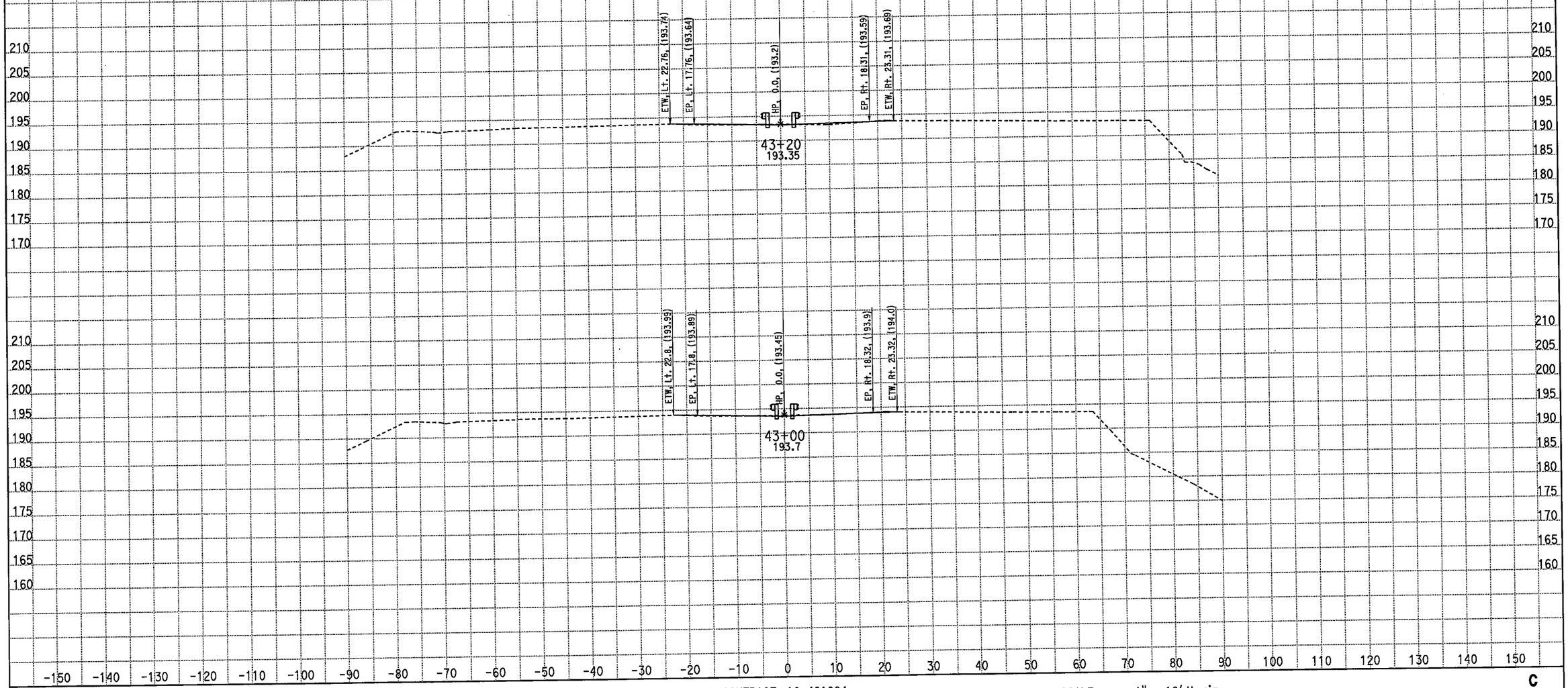
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 25 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

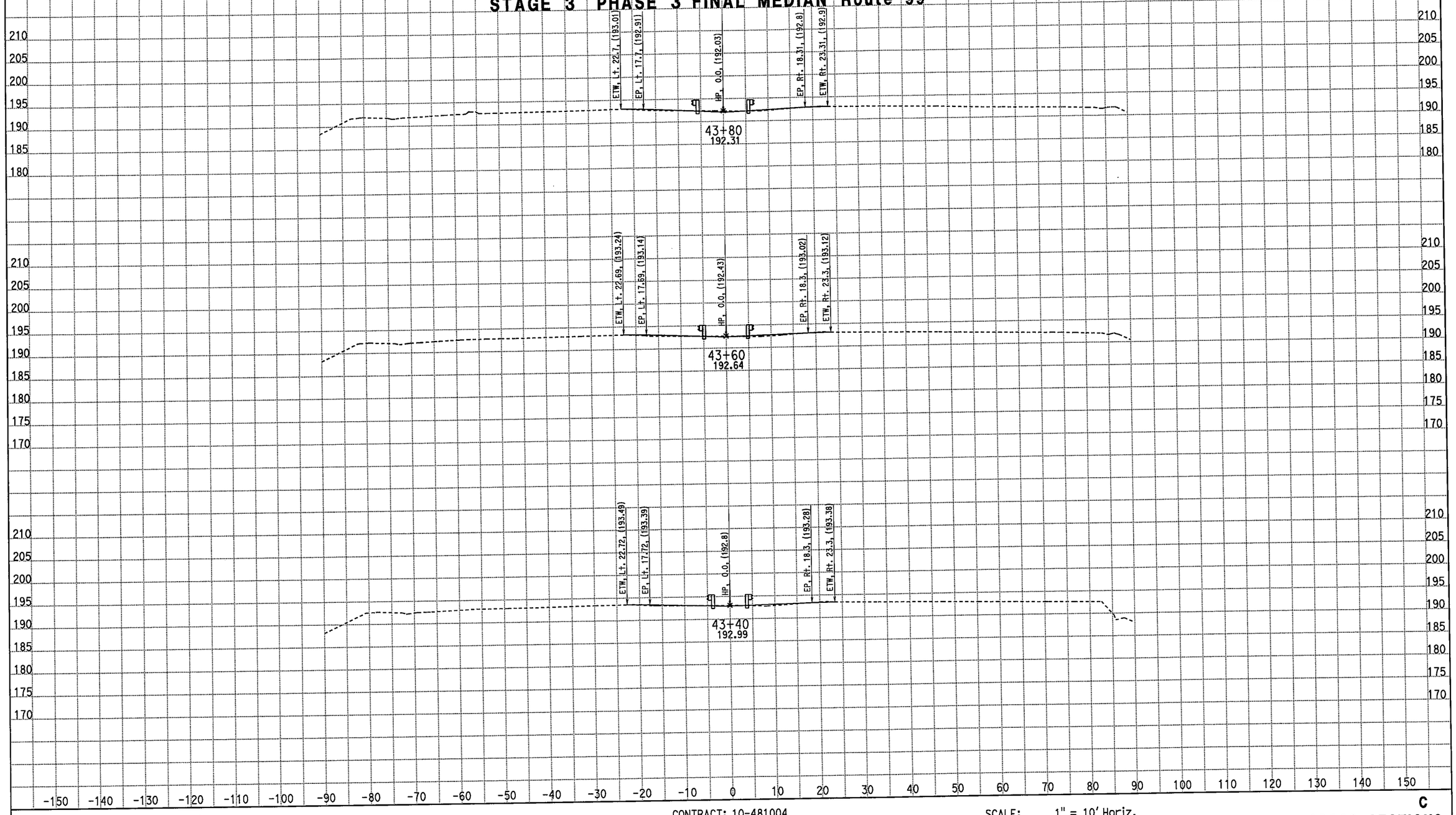
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 26 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

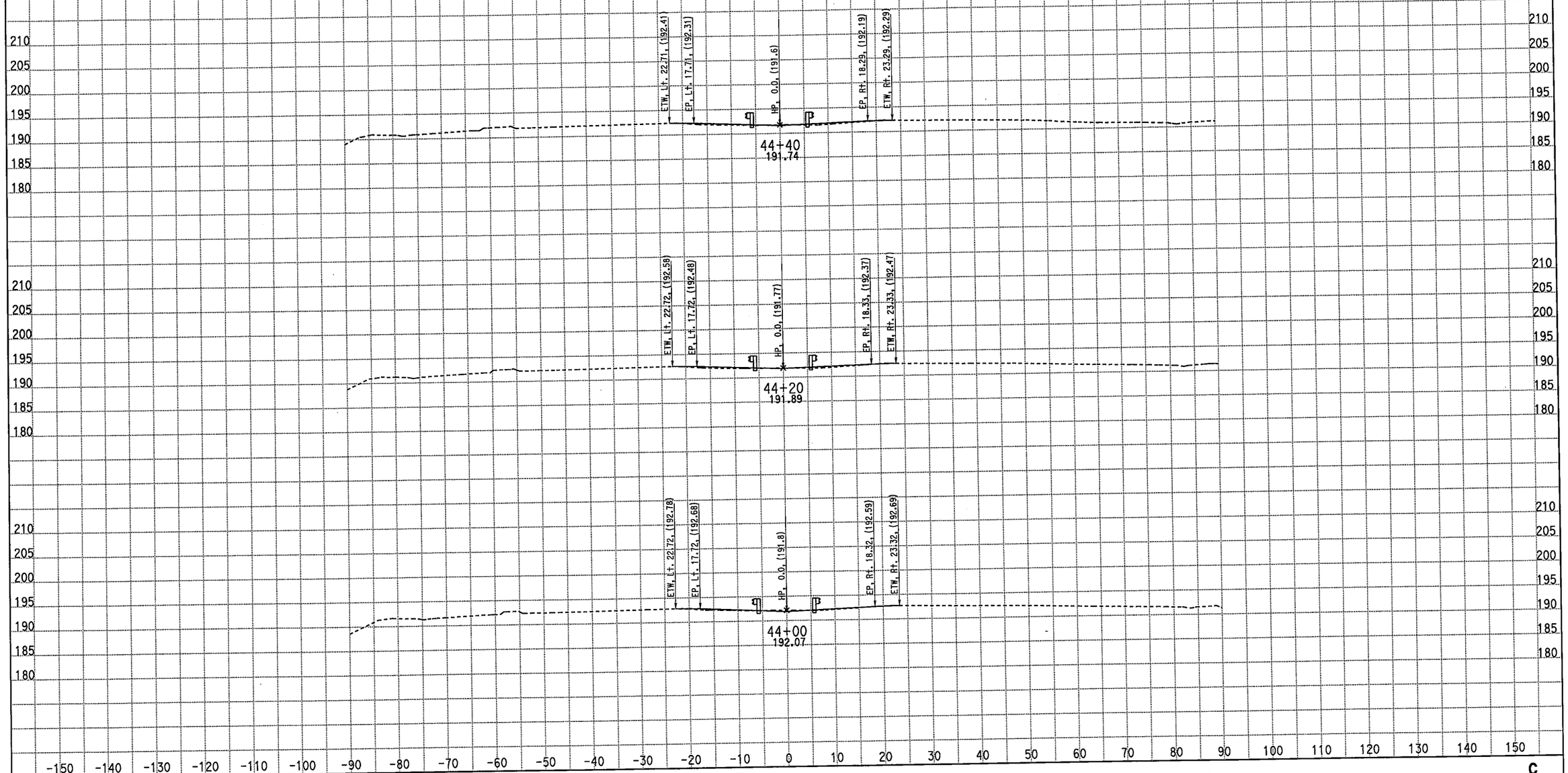
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 27 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

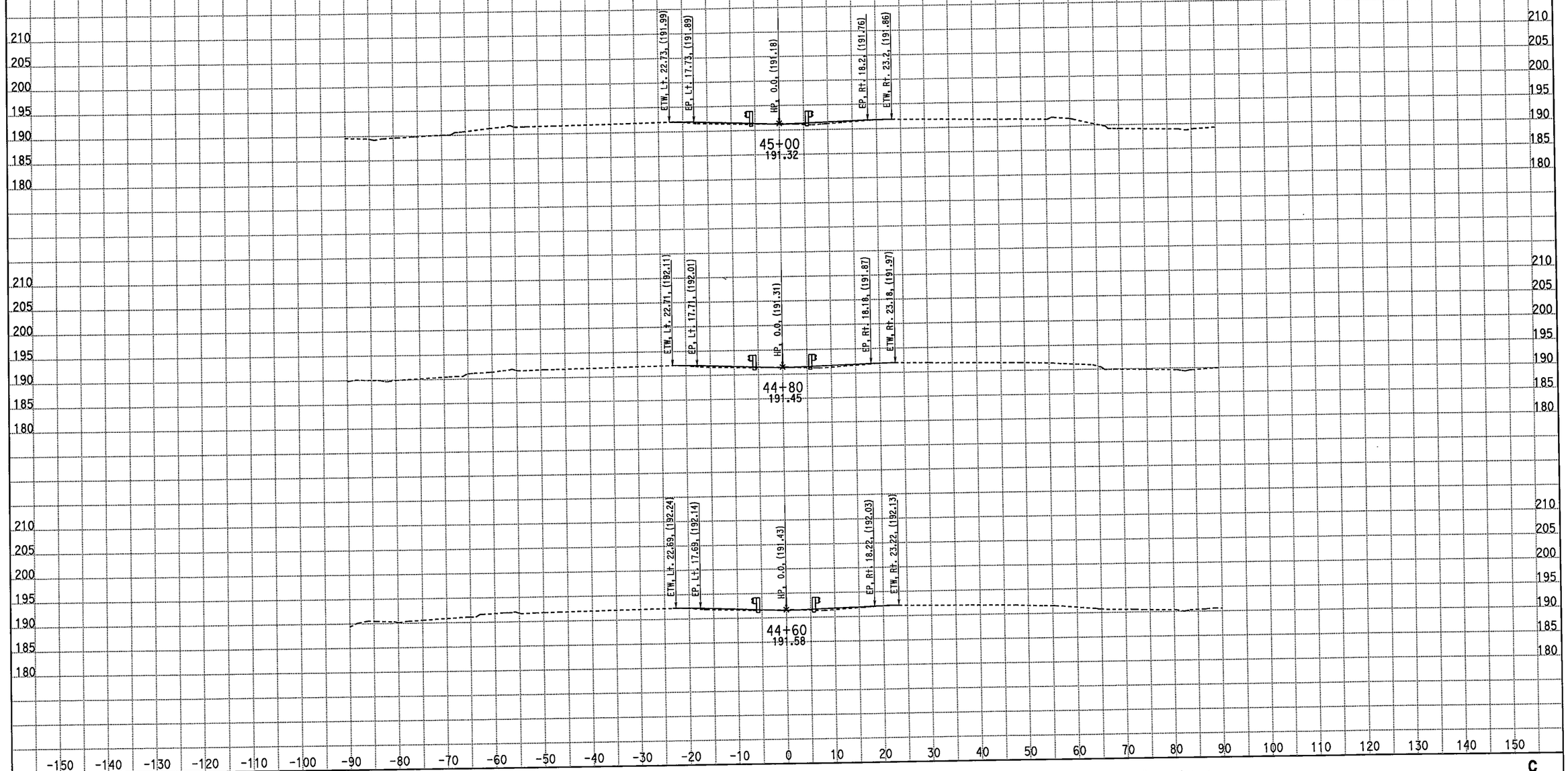
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 28 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

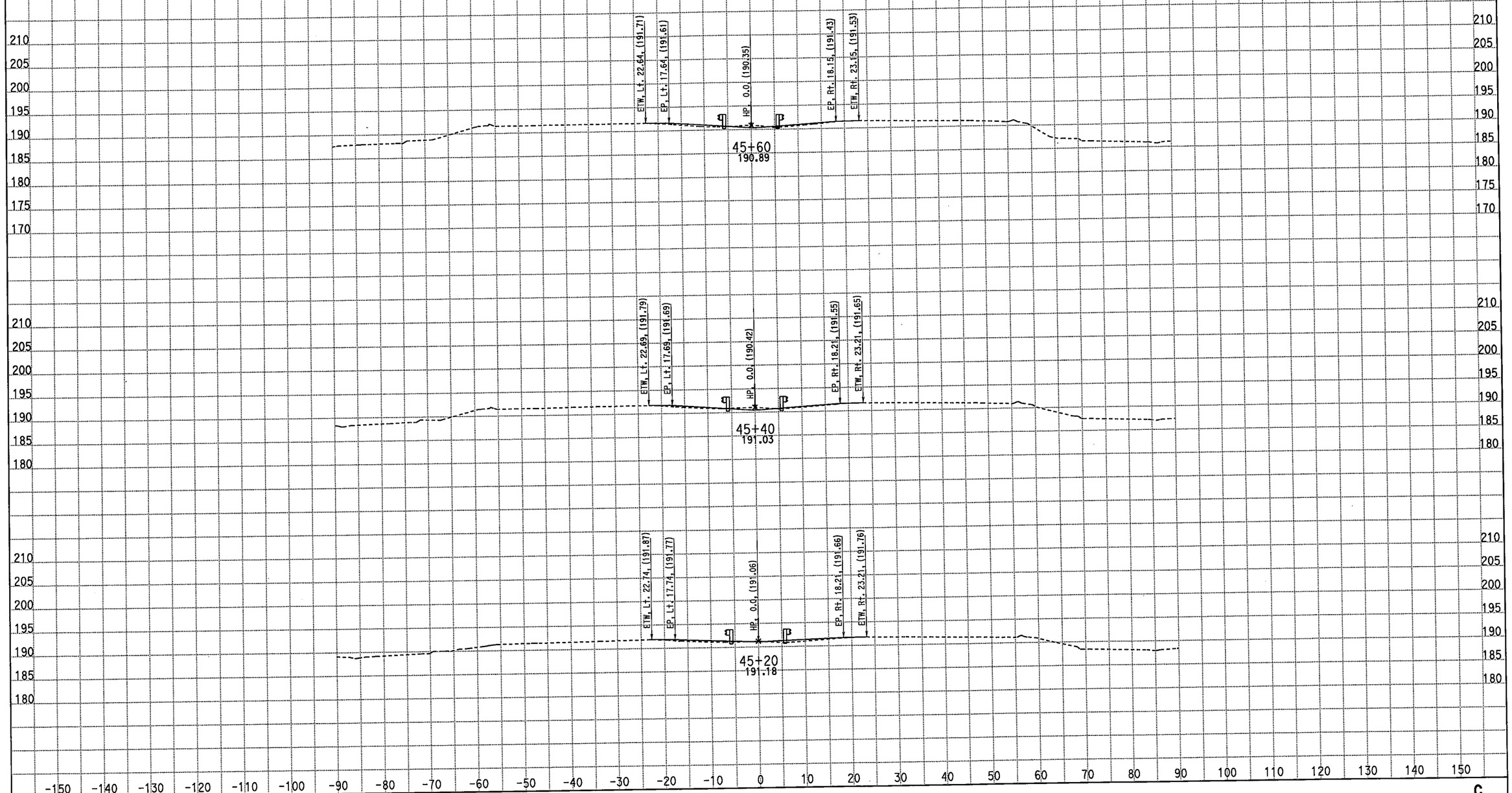
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 29 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

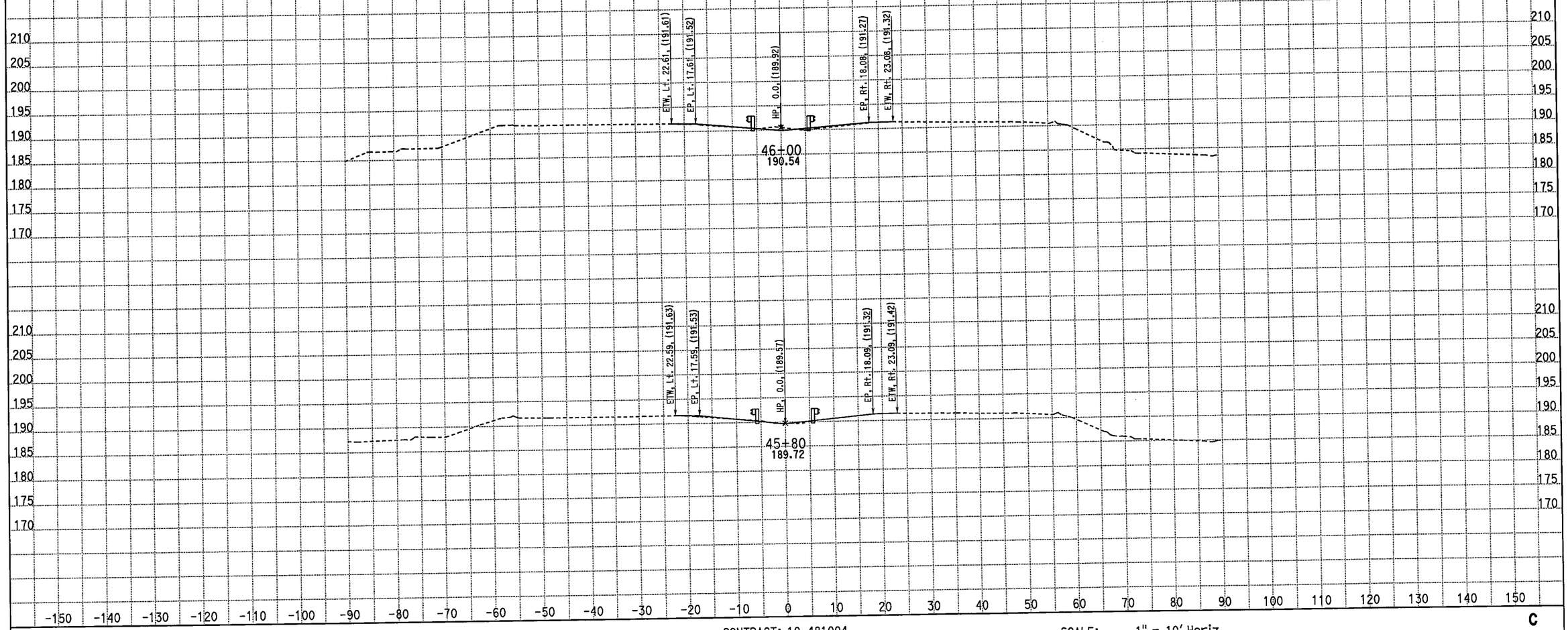
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 30 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

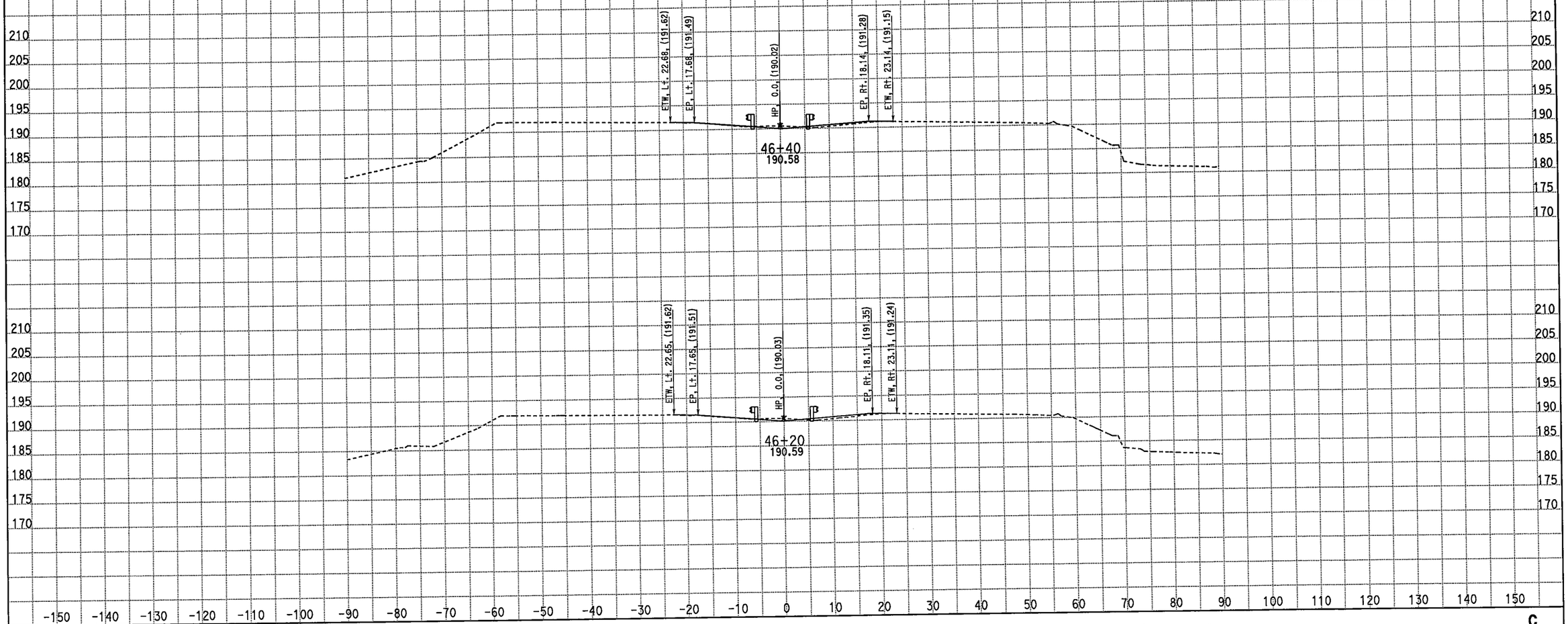
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 31 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

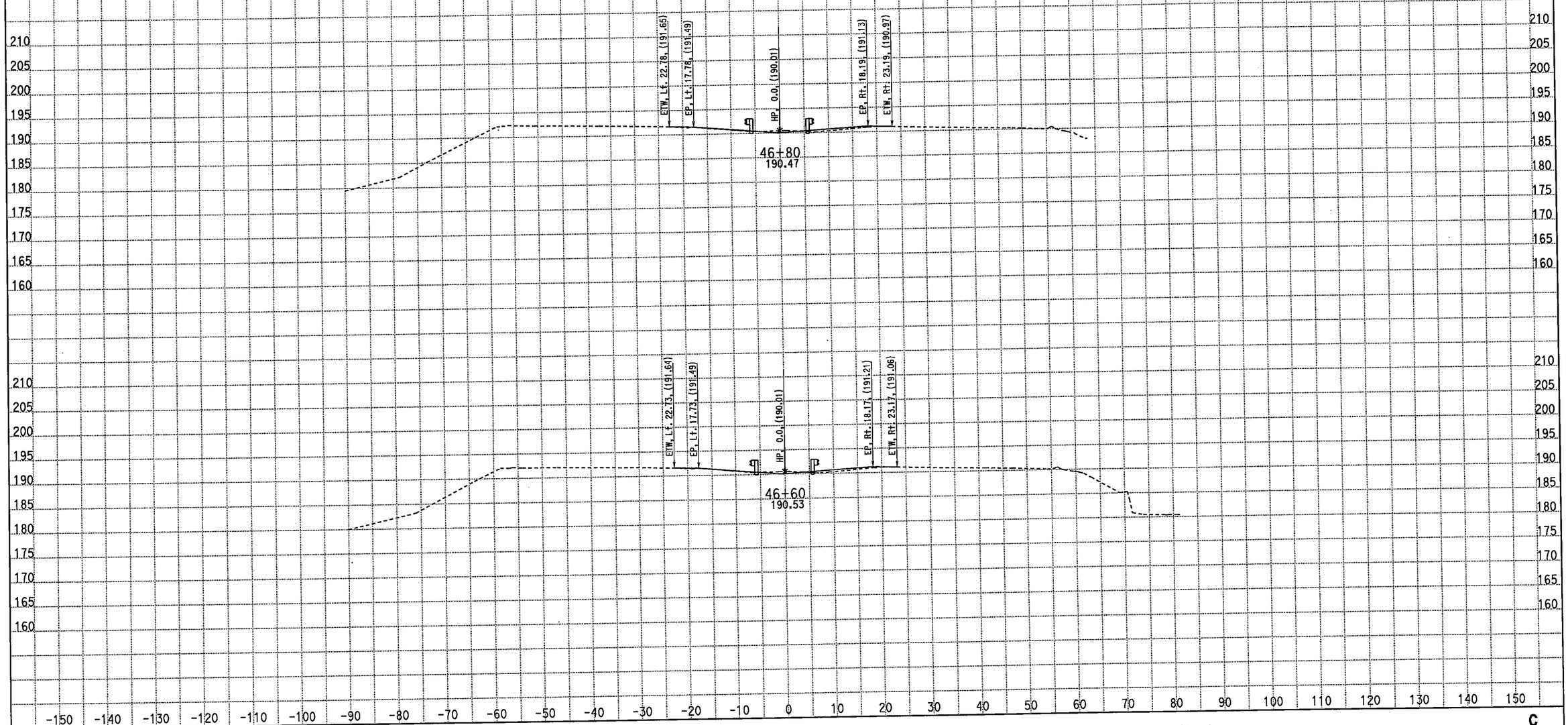
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 32 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

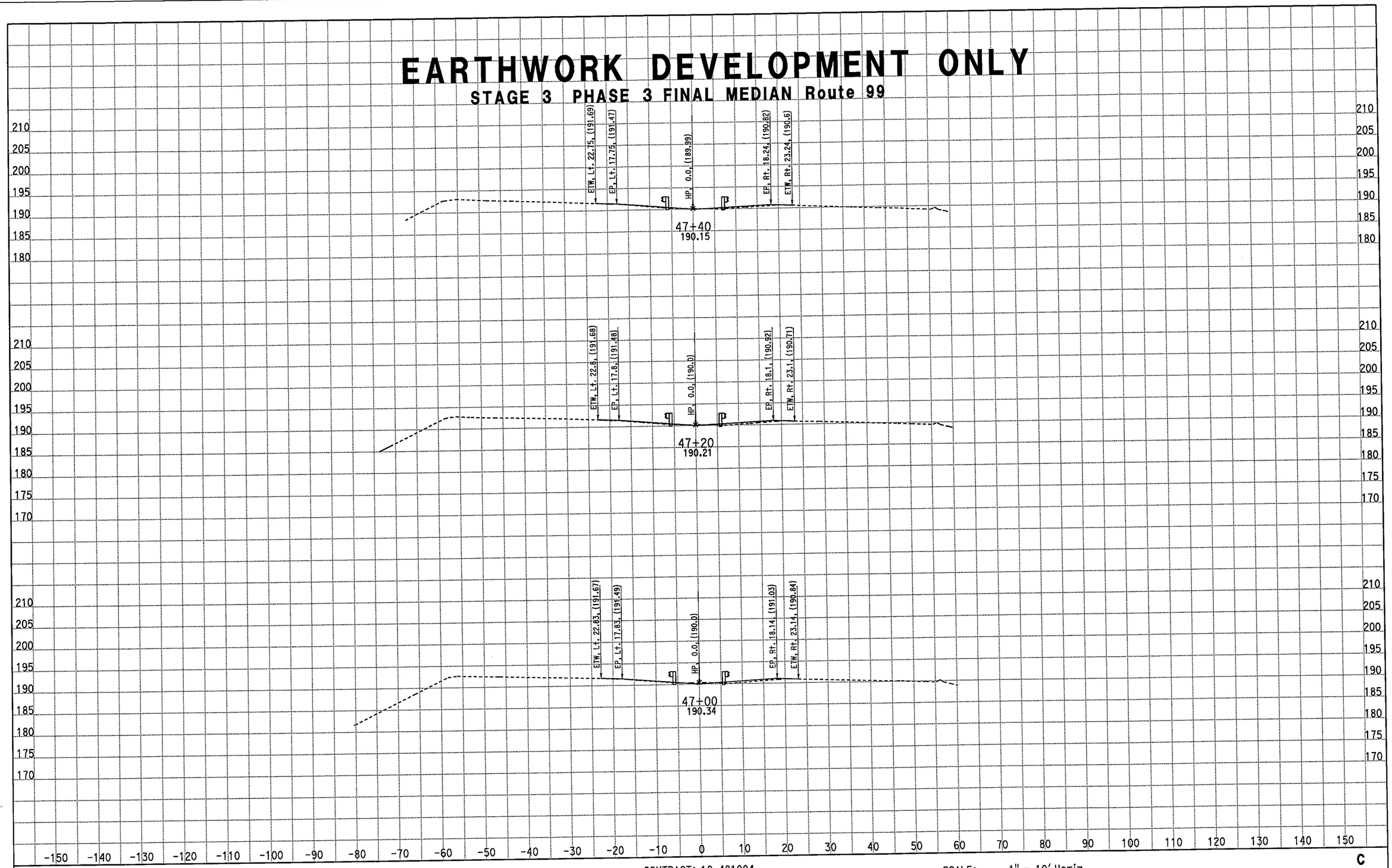
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 33 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

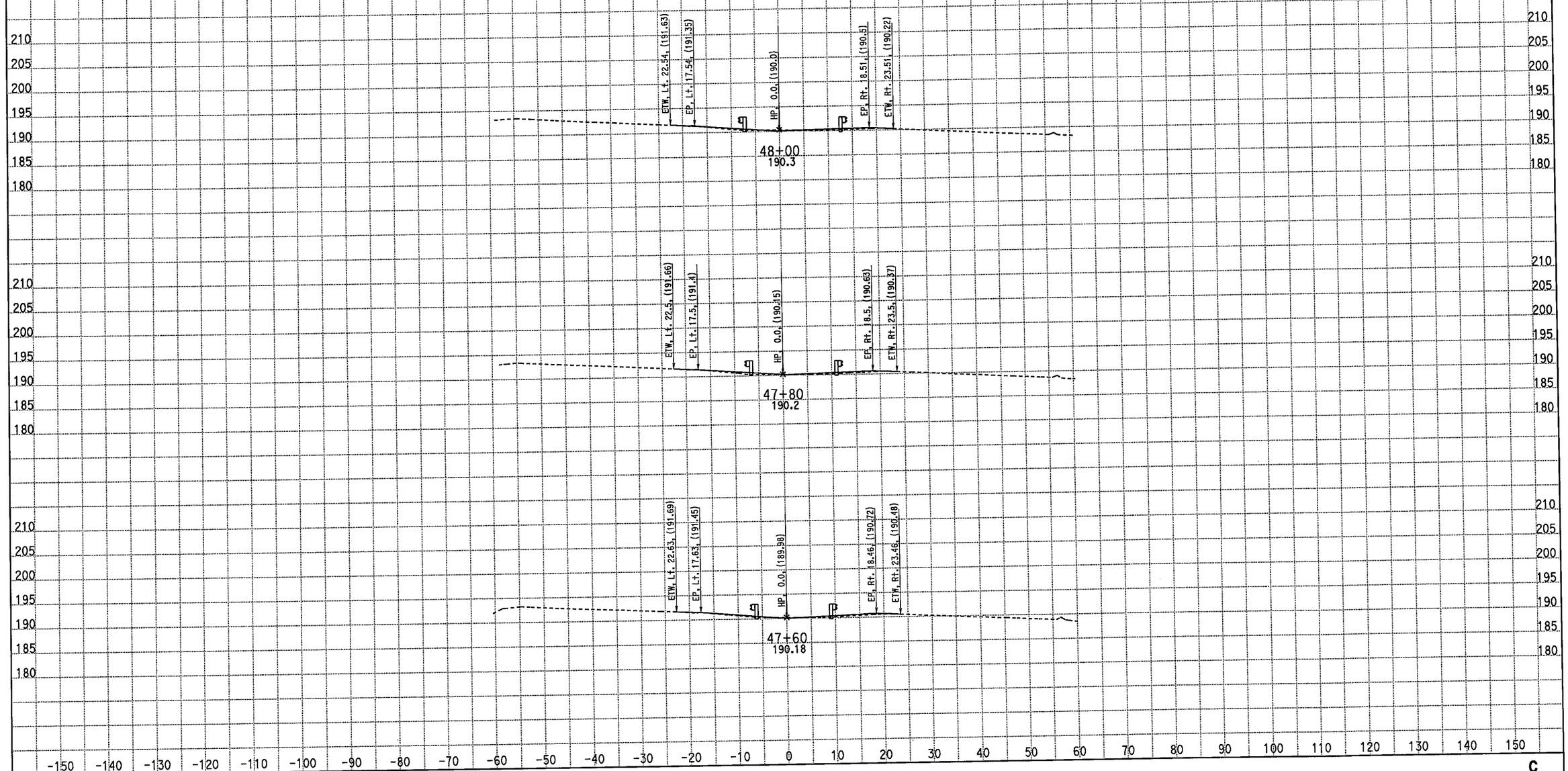
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 34 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
KC Project: 10235 File: D:\CASEE\10235\10235\XSEC-ms\May2010-Xsec\99-Sec\NB_Final\cl_desbr.ear

CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

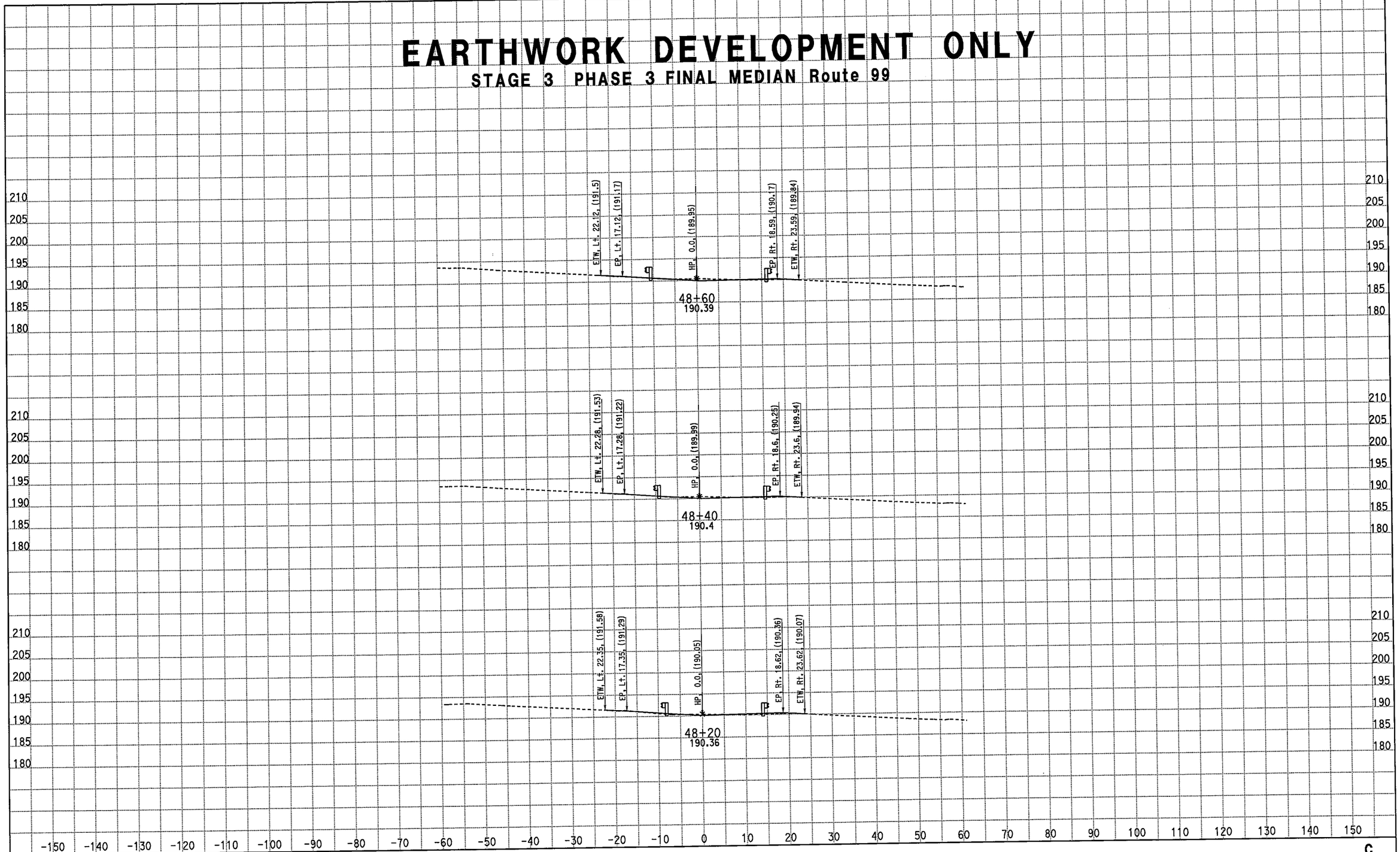
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 35 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



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DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

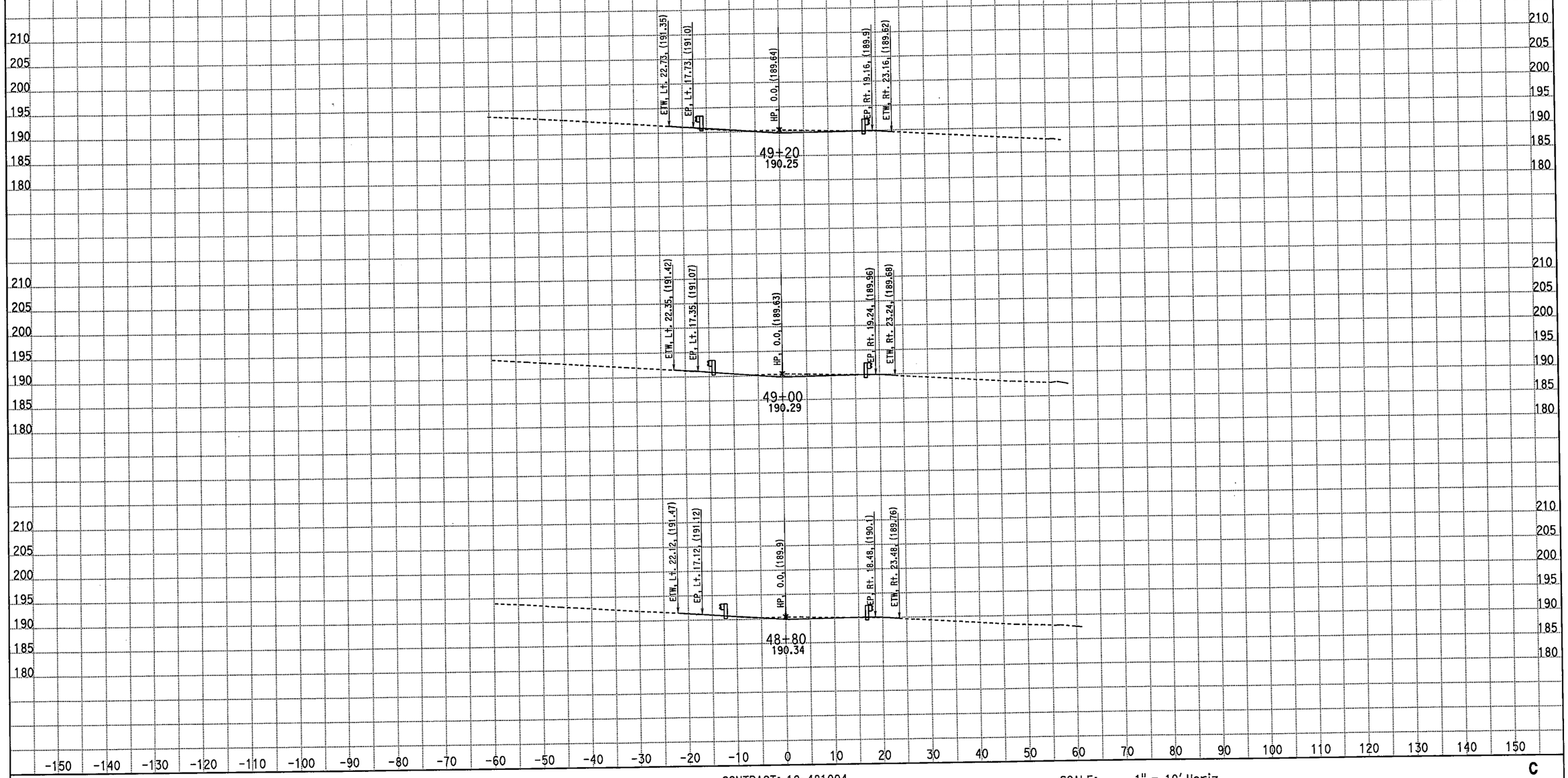
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 36 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

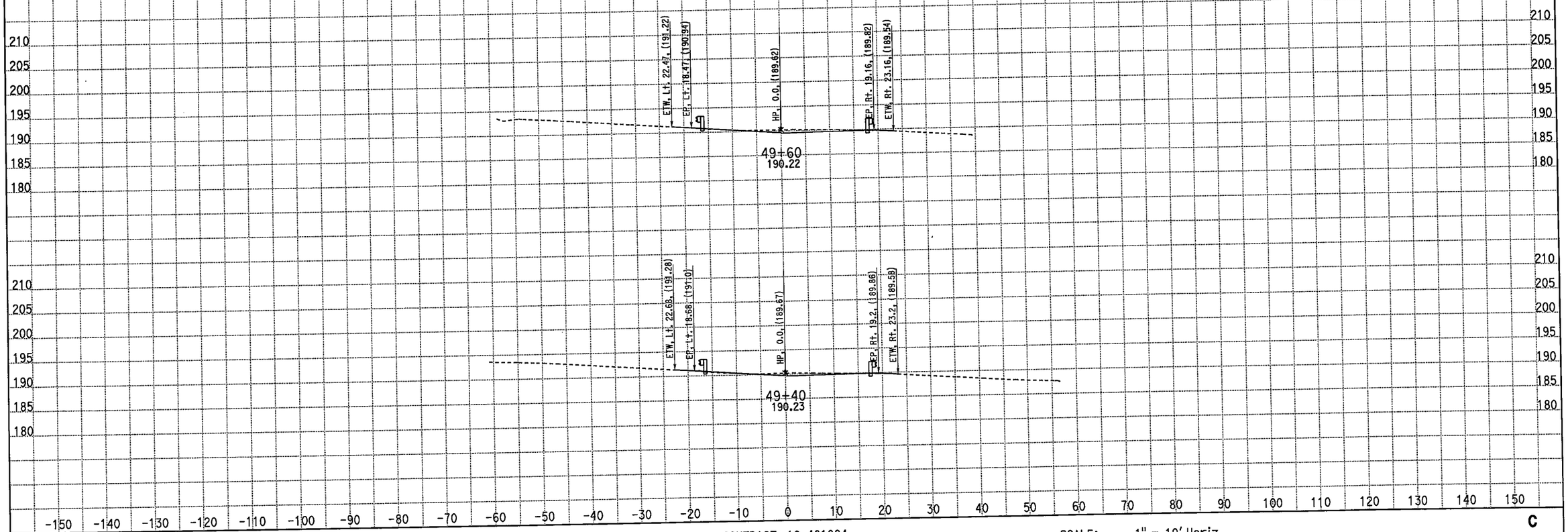
SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 37 OF 38

EARTHWORK DEVELOPMENT ONLY

STAGE 3 PHASE 3 FINAL MEDIAN Route 99



CREATED BY: M. Sadatmansoori
DATE: 4/20/2011
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CONTRACT: 10-481004
DIST/CO/RTE/PM: 10-MER-99-PM 13.8-14.4
PROJECT ID: EMOH

SCALE: 1" = 10' Horiz.
1" = 10' Vert.

All Dimensions are US Survey Feet

C
CROSS SECTIONS
SHEET 38 OF 38