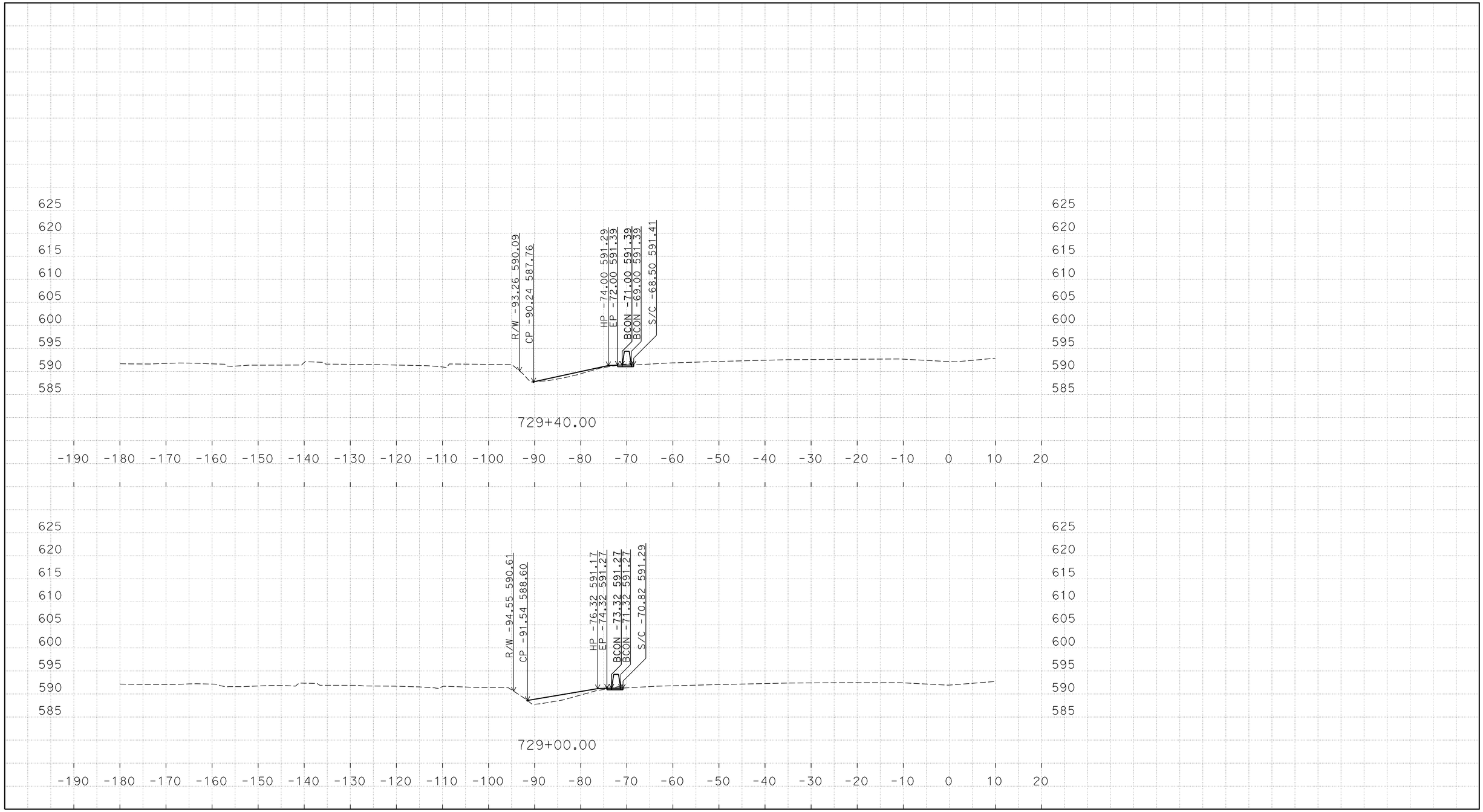
DESIGN STUDY ONLY

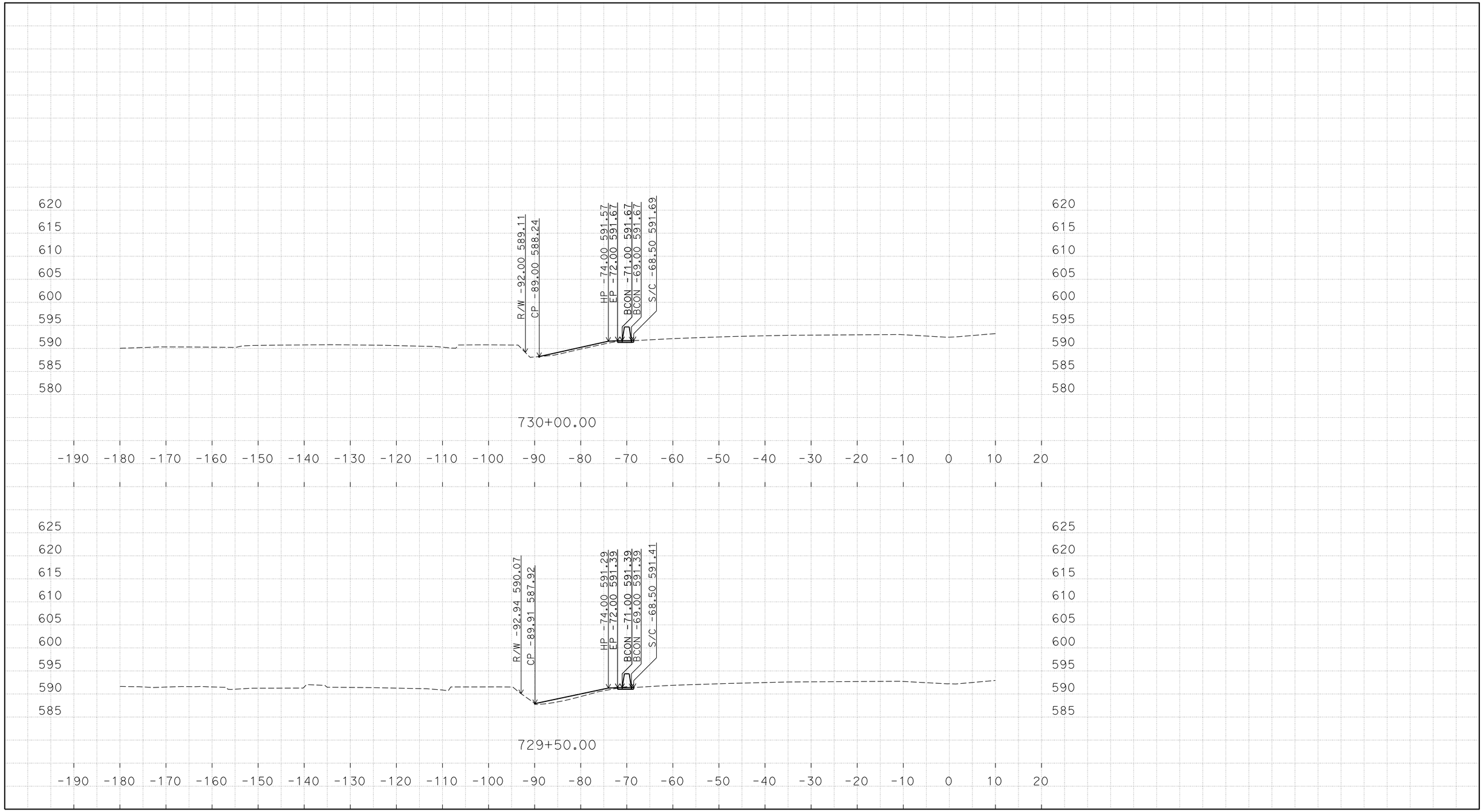


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 1 OF 47

DESIGN STUDY ONLY

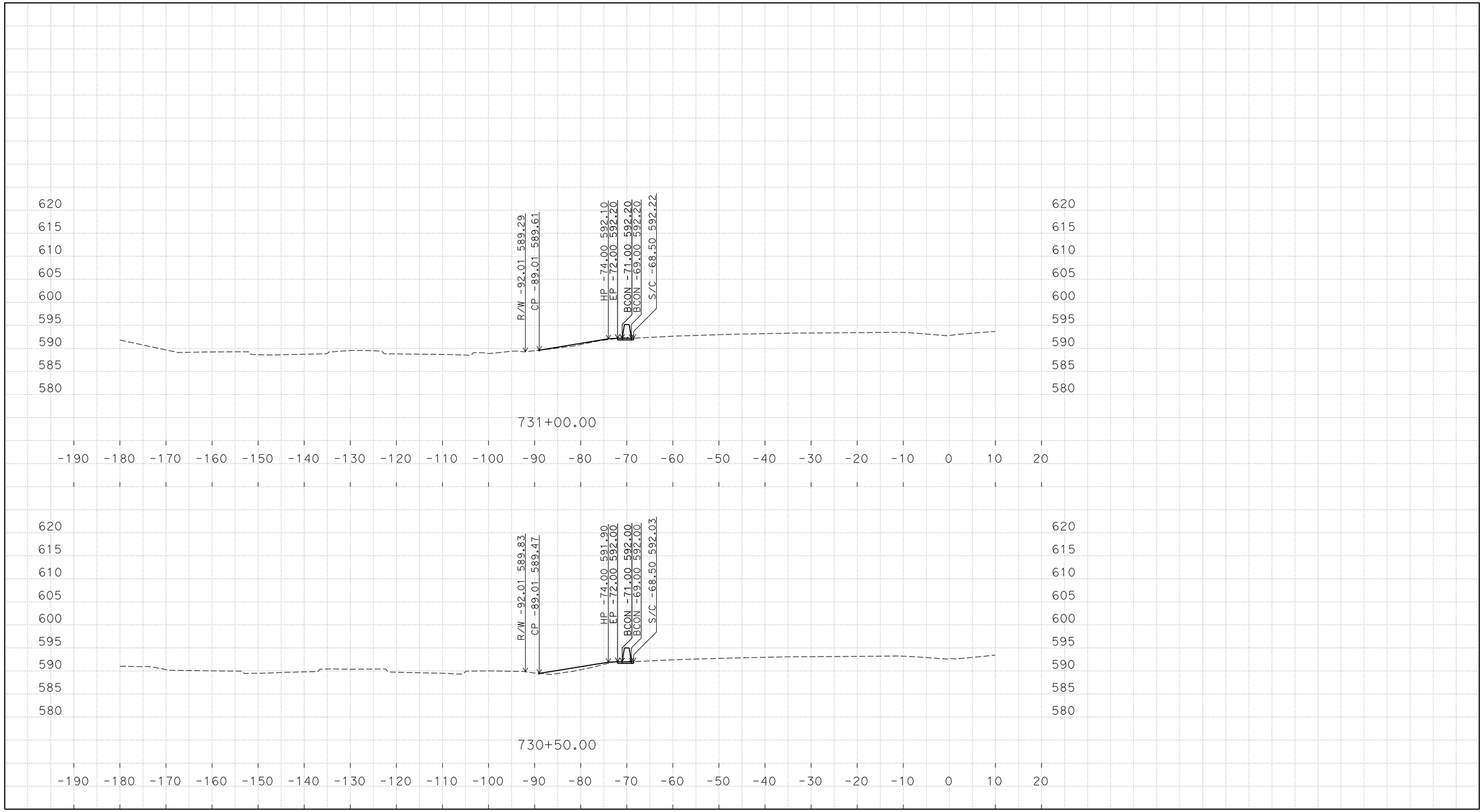


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 2 OF 47

DESIGN STUDY ONLY

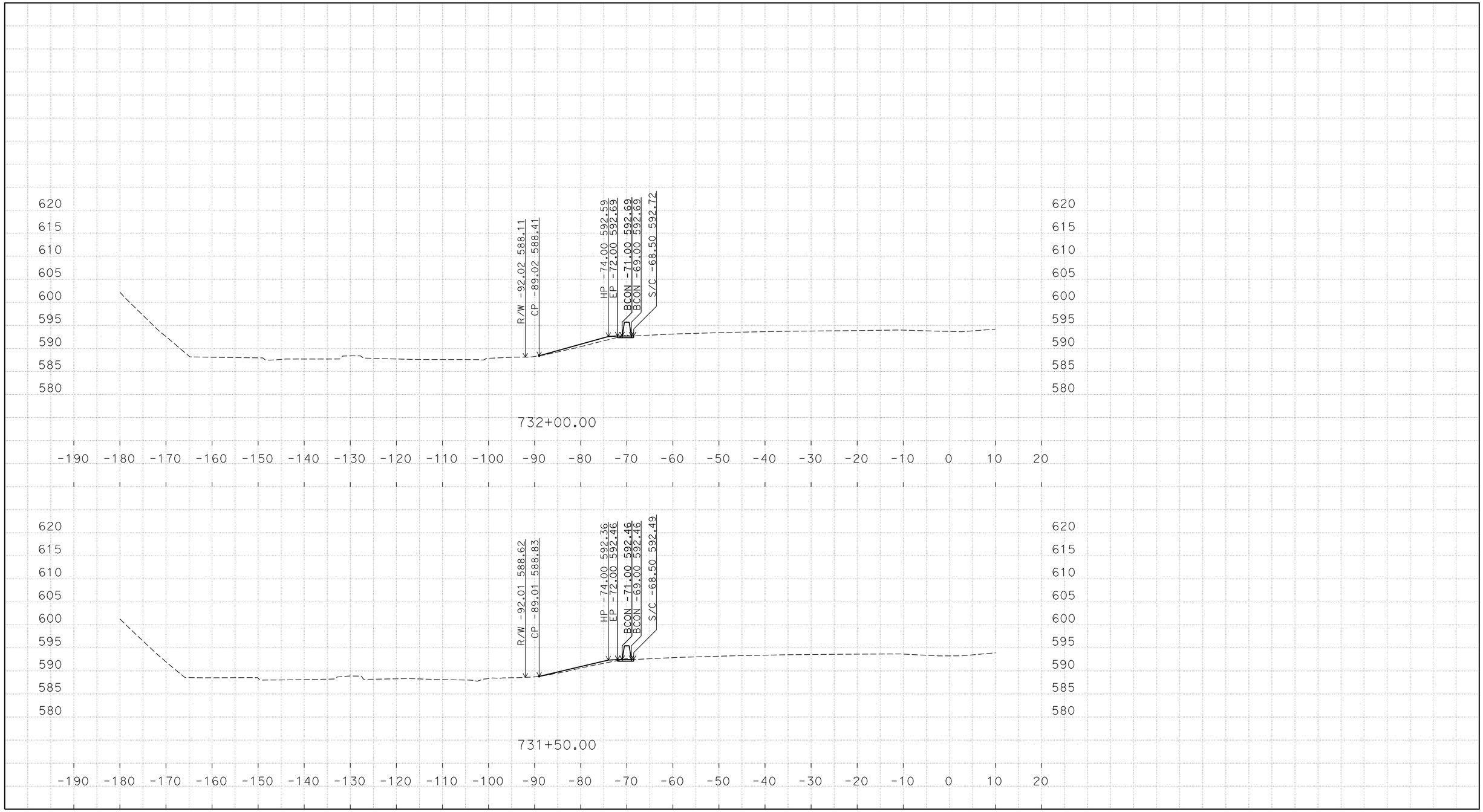


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 3 OF 47

DESIGN STUDY ONLY

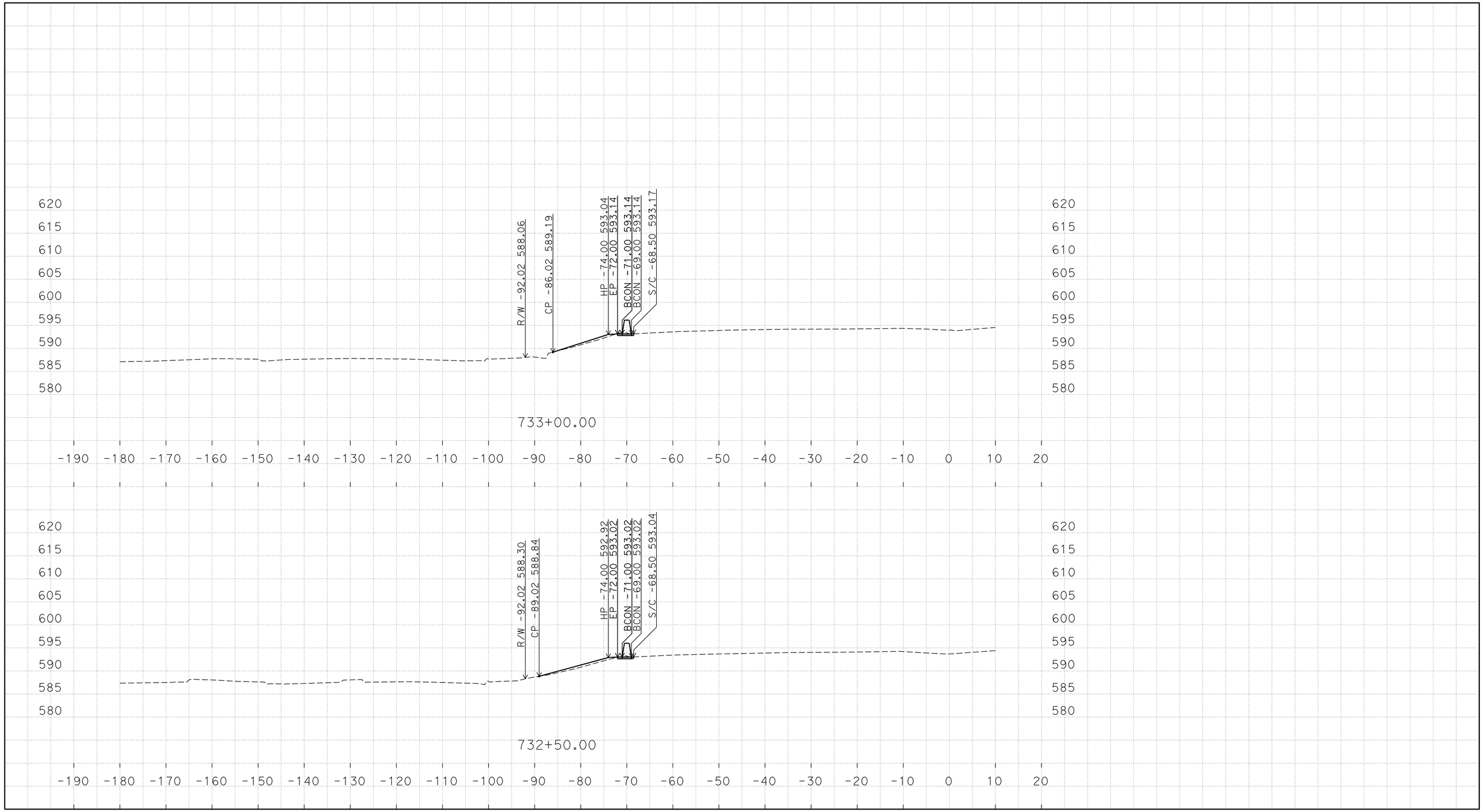


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 4 OF 47

DESIGN STUDY ONLY

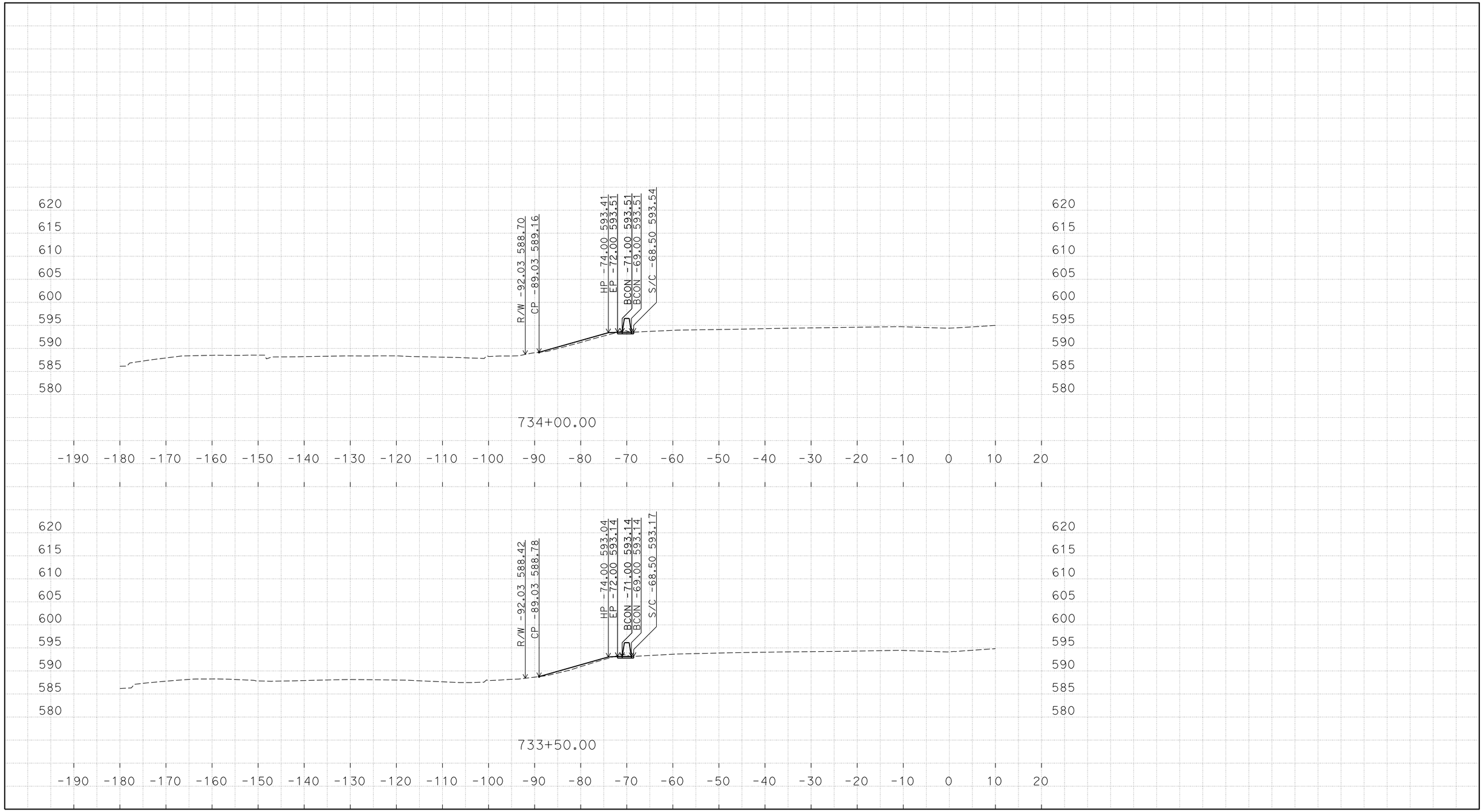


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 5 OF 47

DESIGN STUDY ONLY

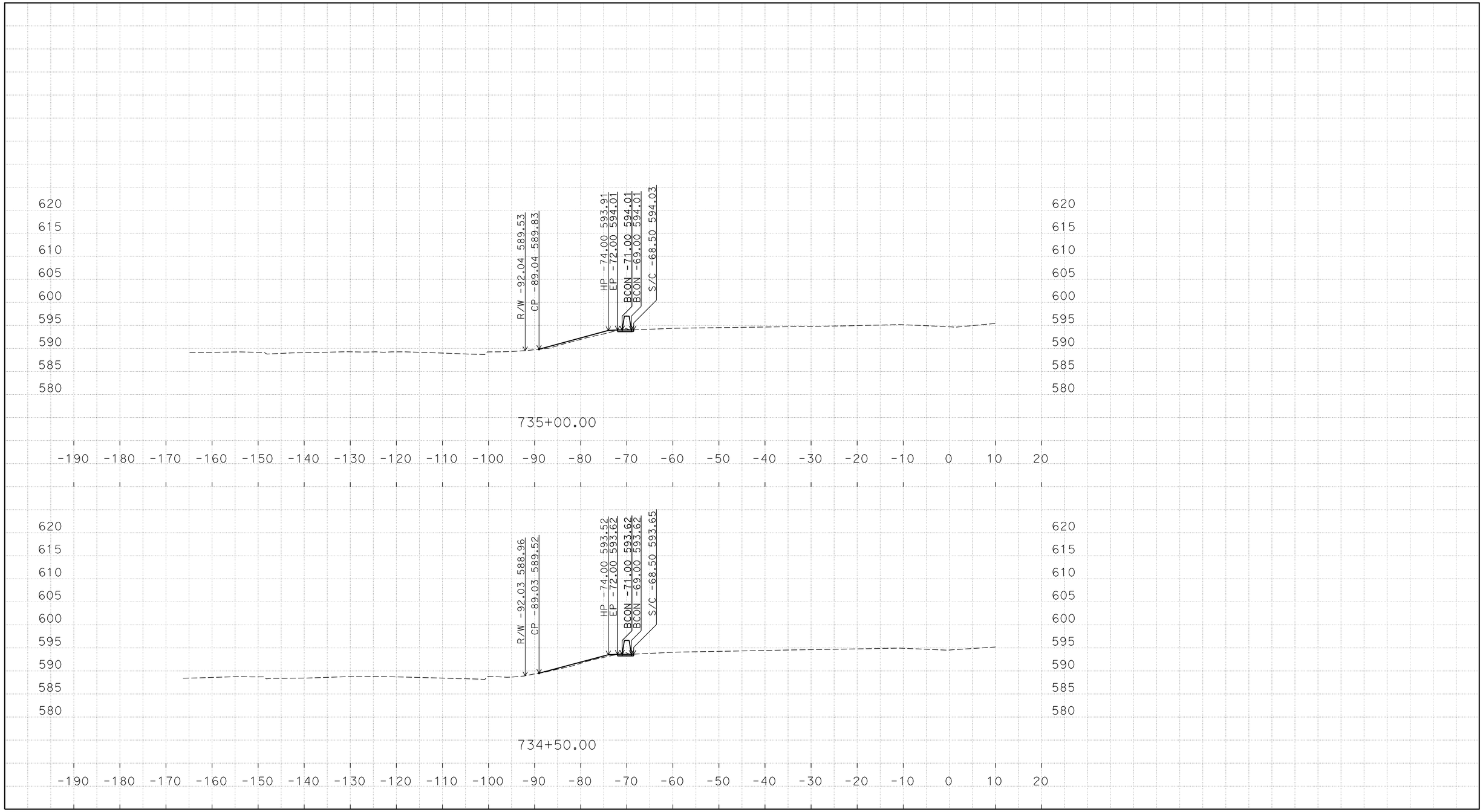


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 6 OF 47

DESIGN STUDY ONLY

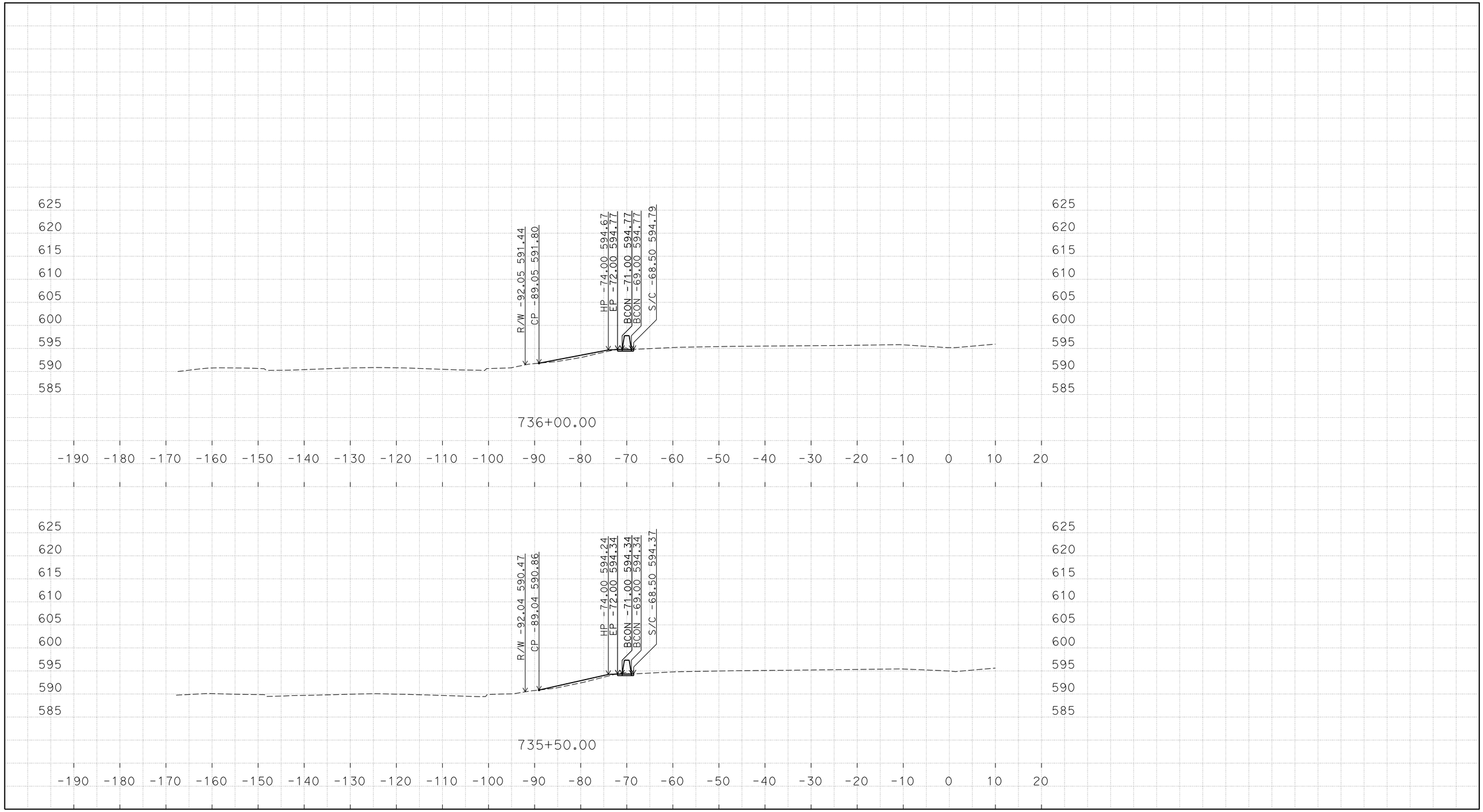


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 7 OF 47

DESIGN STUDY ONLY

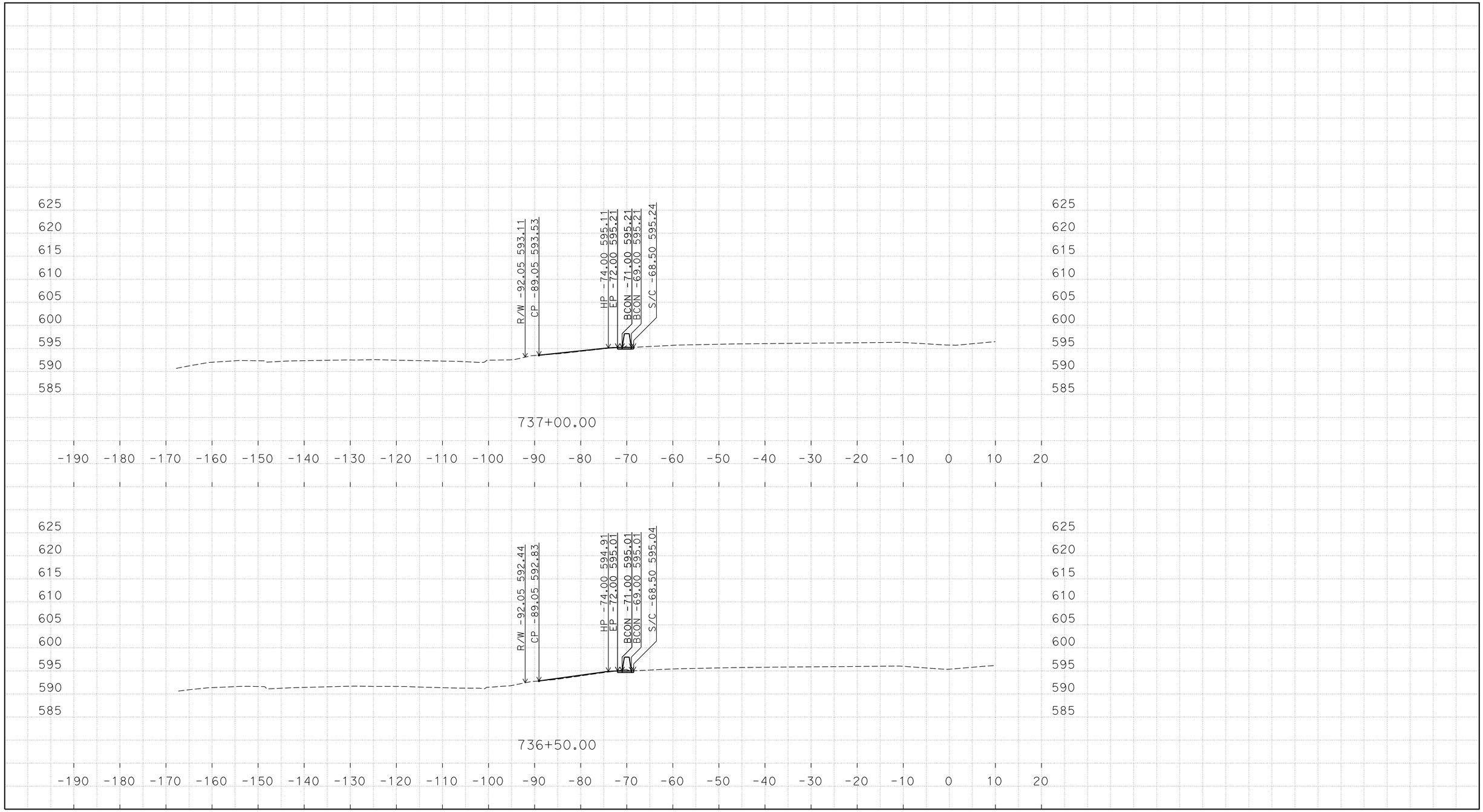


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 8 OF 47

DESIGN STUDY ONLY

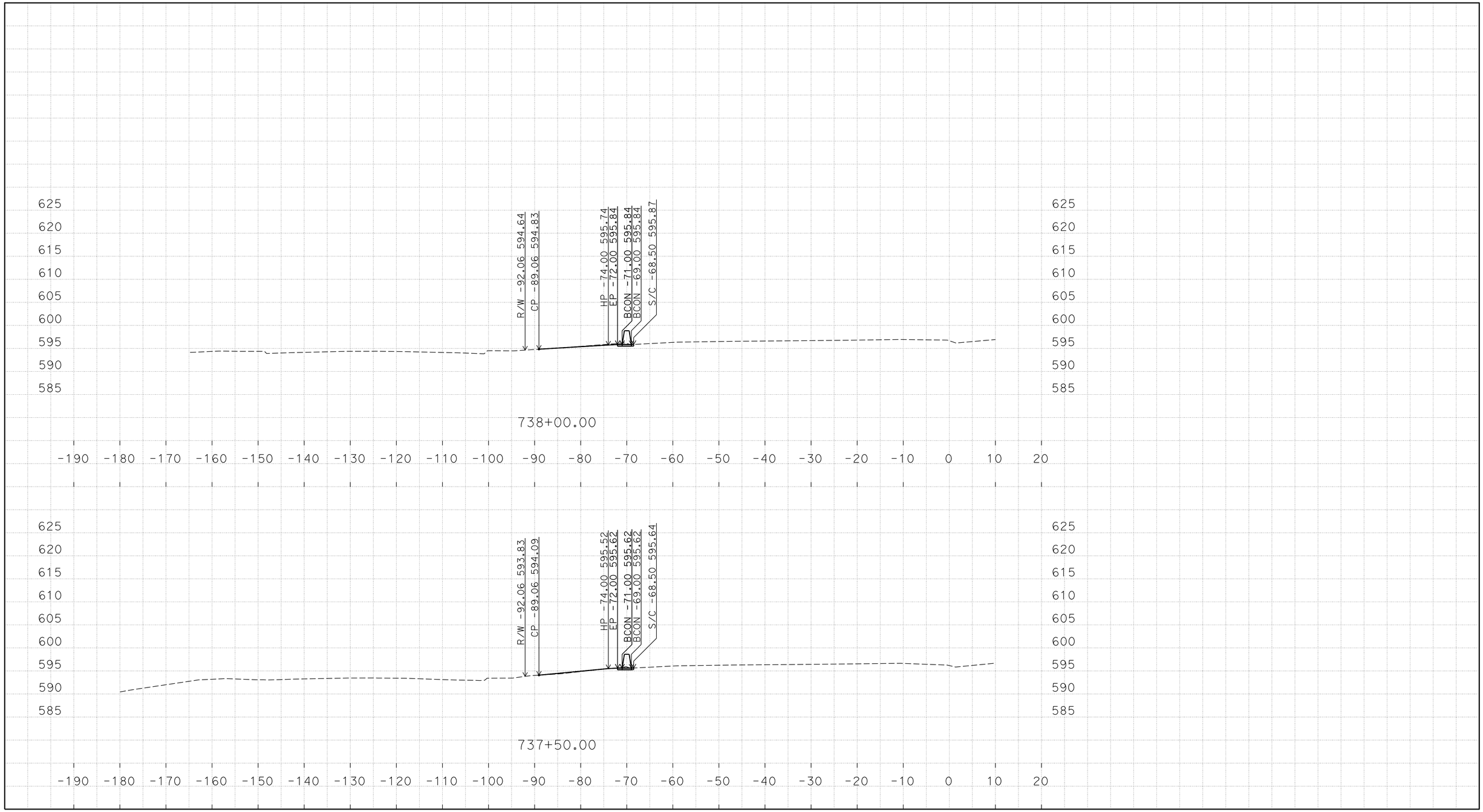


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 9 OF 47

DESIGN STUDY ONLY

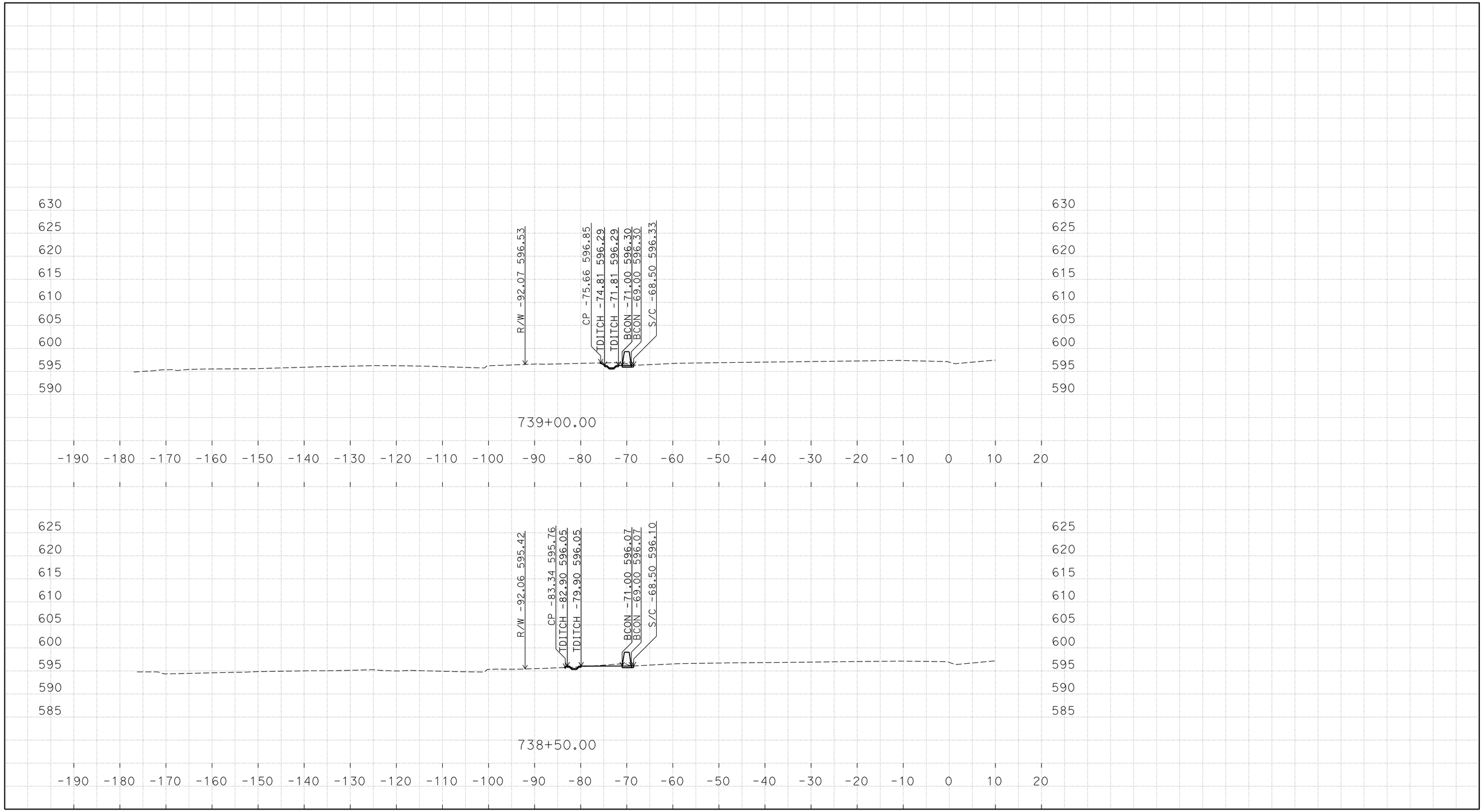


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 10 OF 47

DESIGN STUDY ONLY

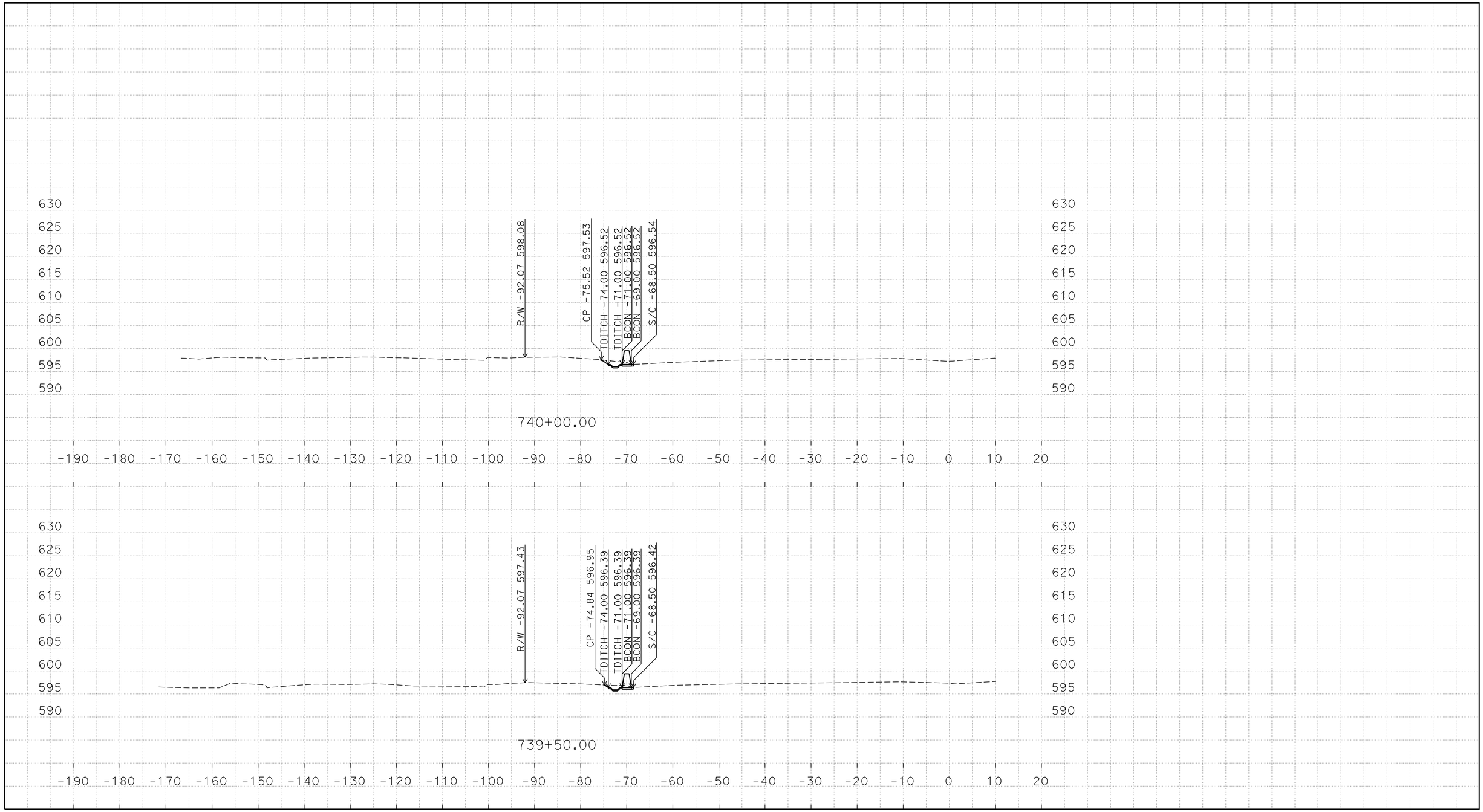


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 11 OF 47

DESIGN STUDY ONLY

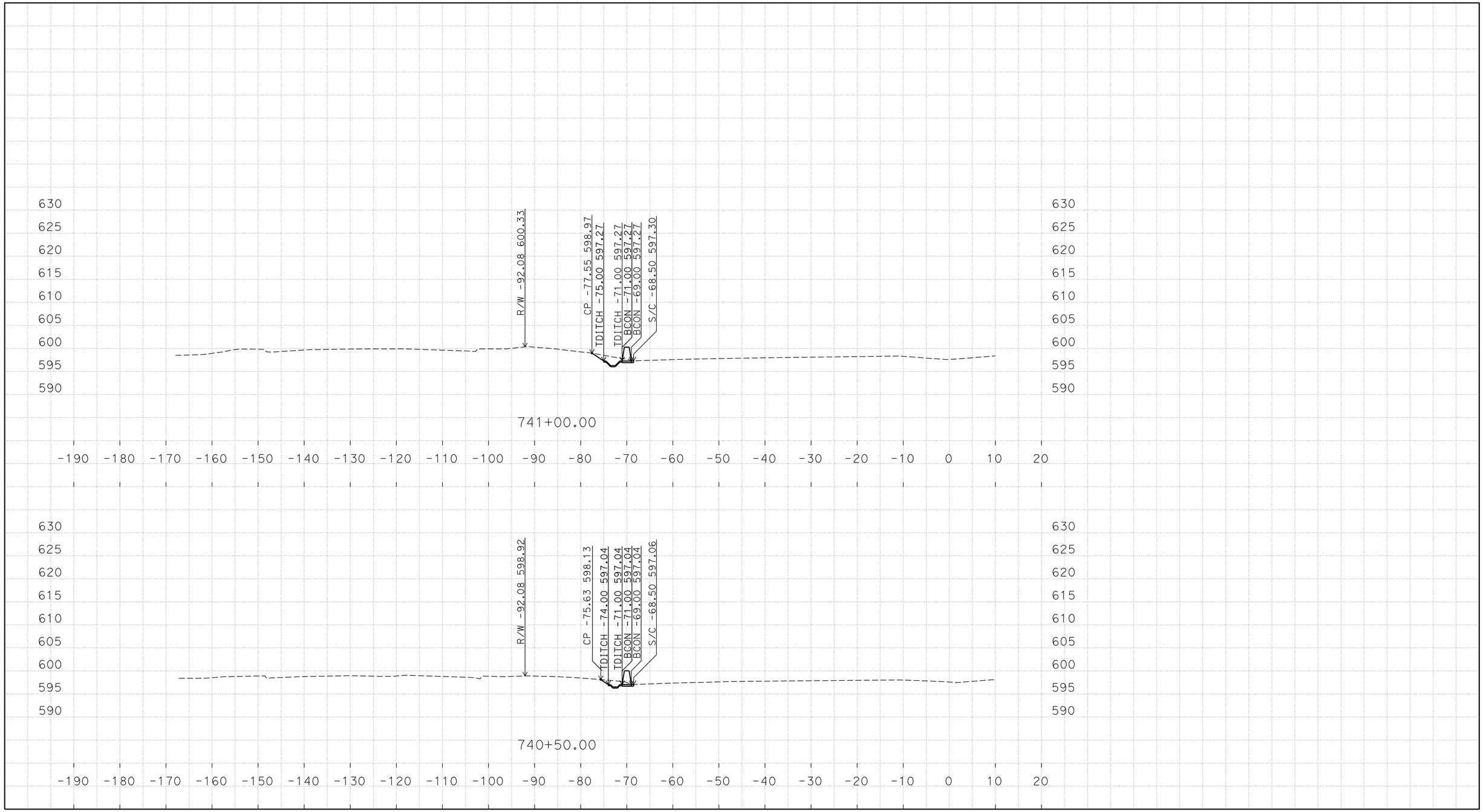


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 12 OF 47

DESIGN STUDY ONLY

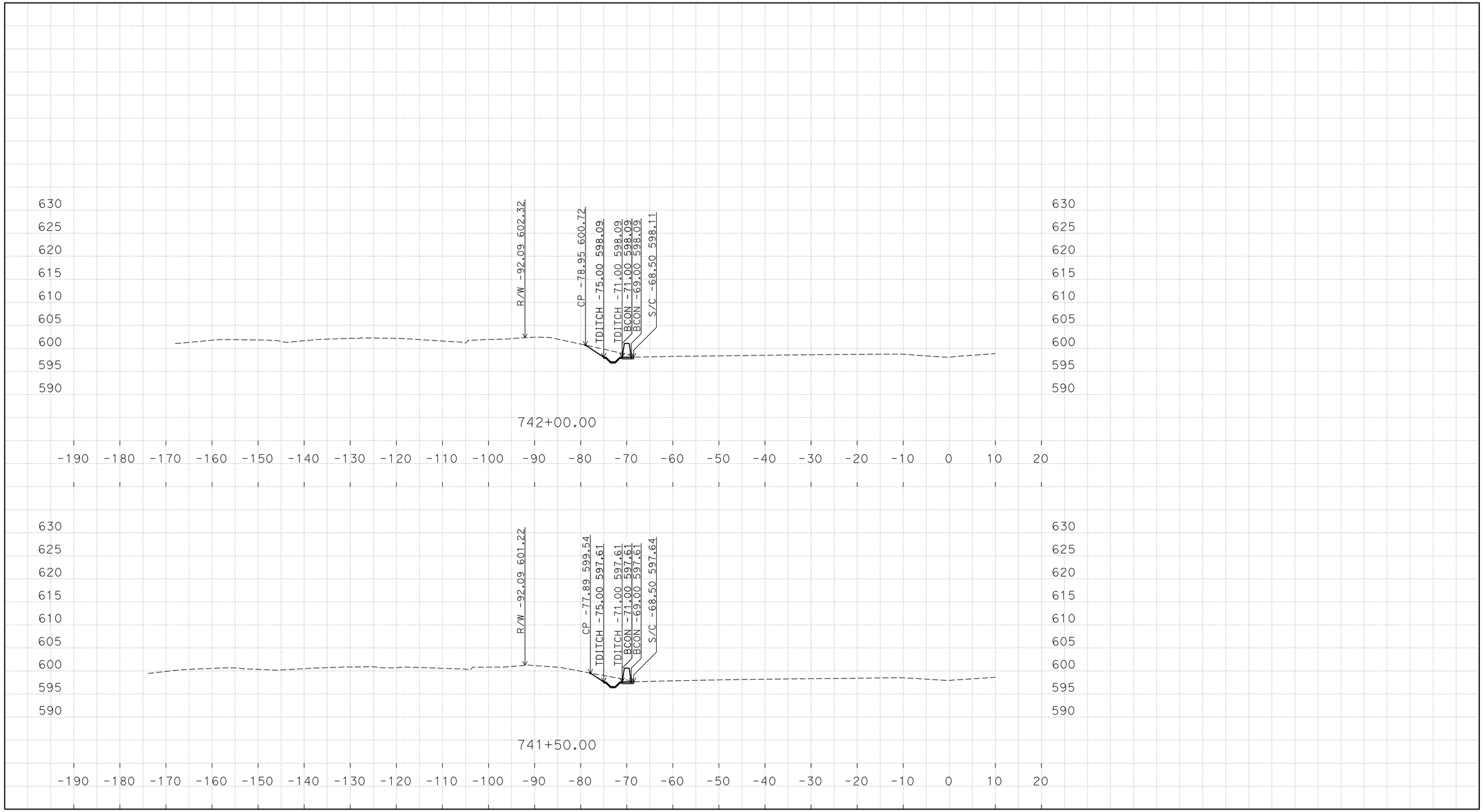


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 13 OF 47

DESIGN STUDY ONLY

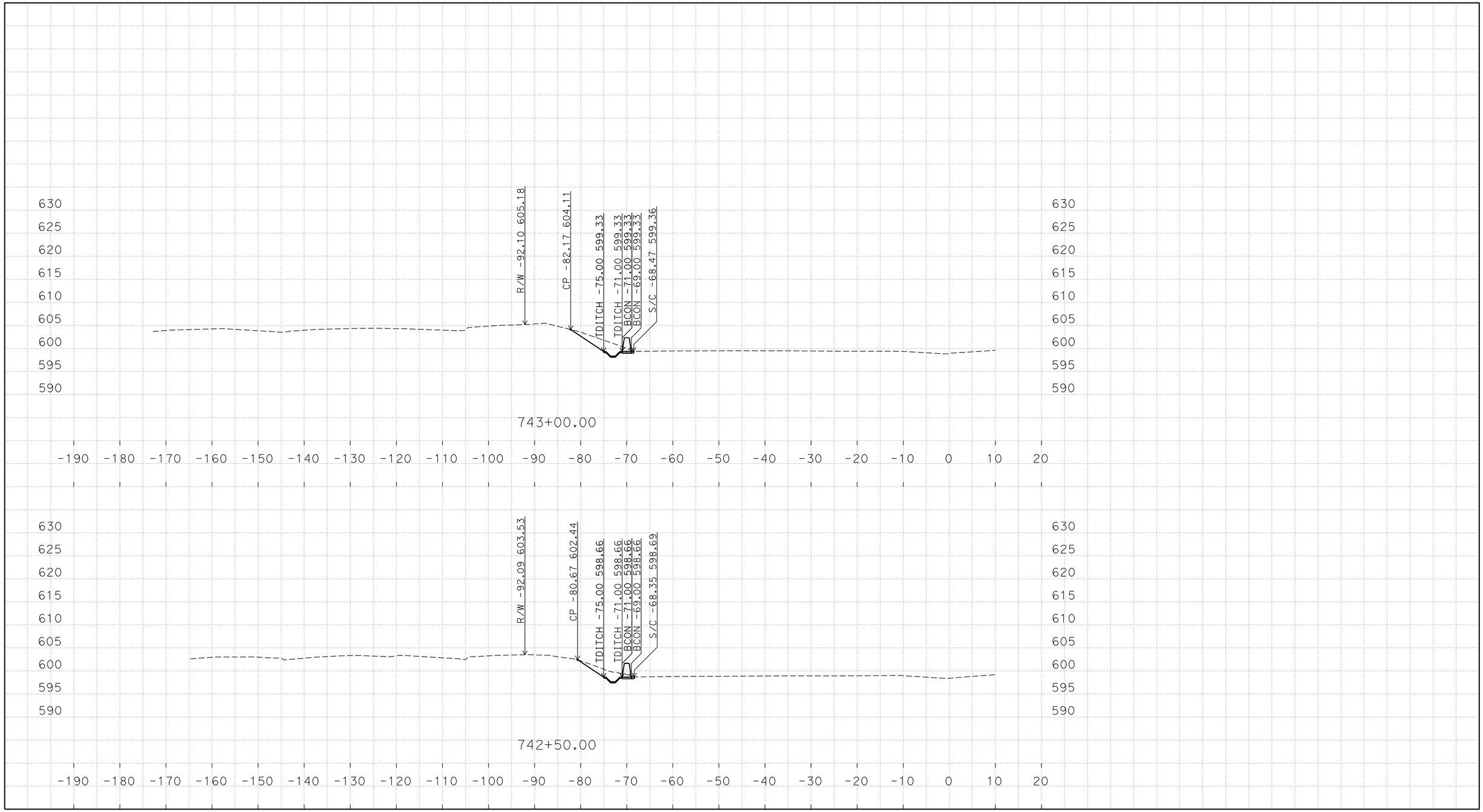


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 14 OF 47

DESIGN STUDY ONLY

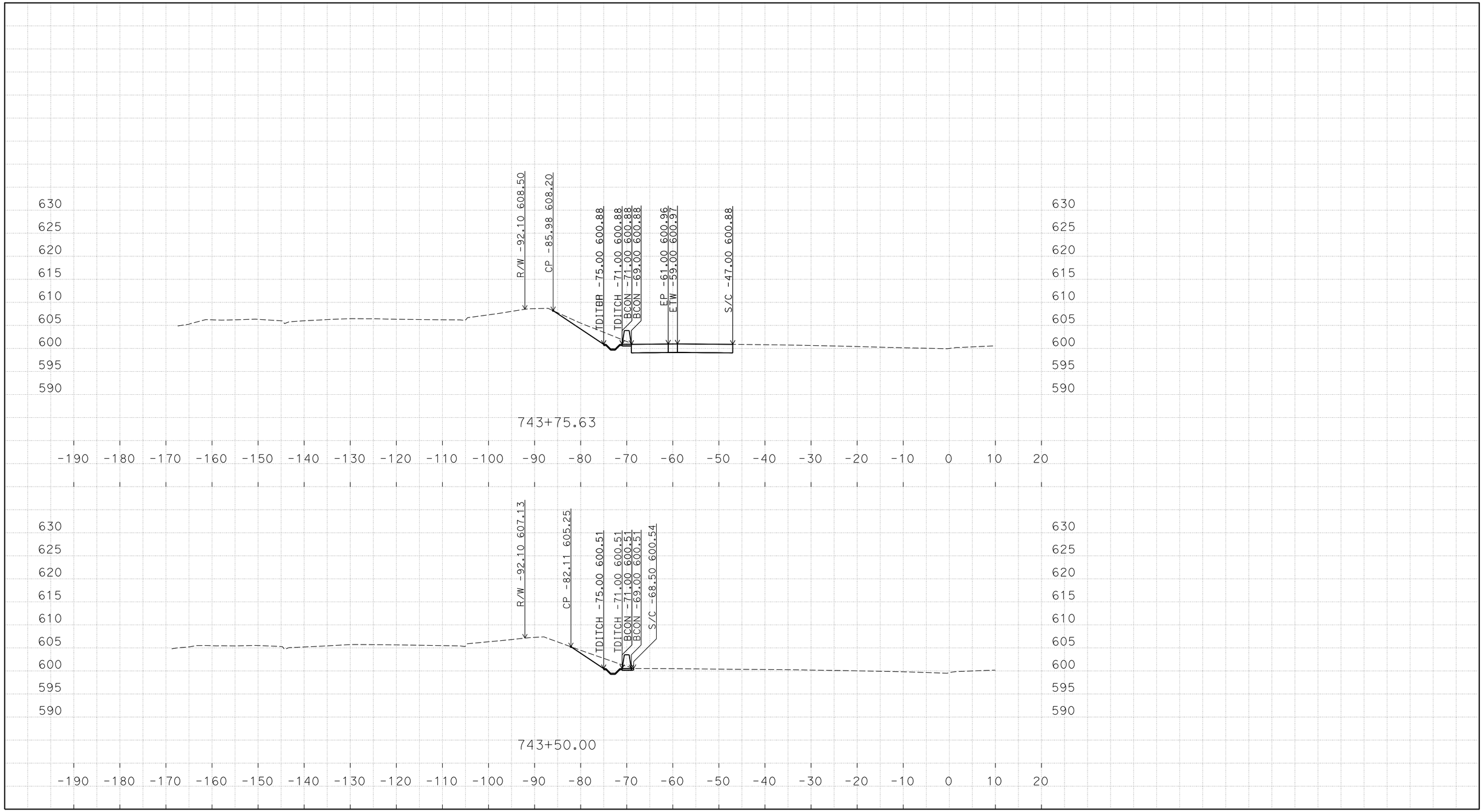


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 15 OF 47

DESIGN STUDY ONLY

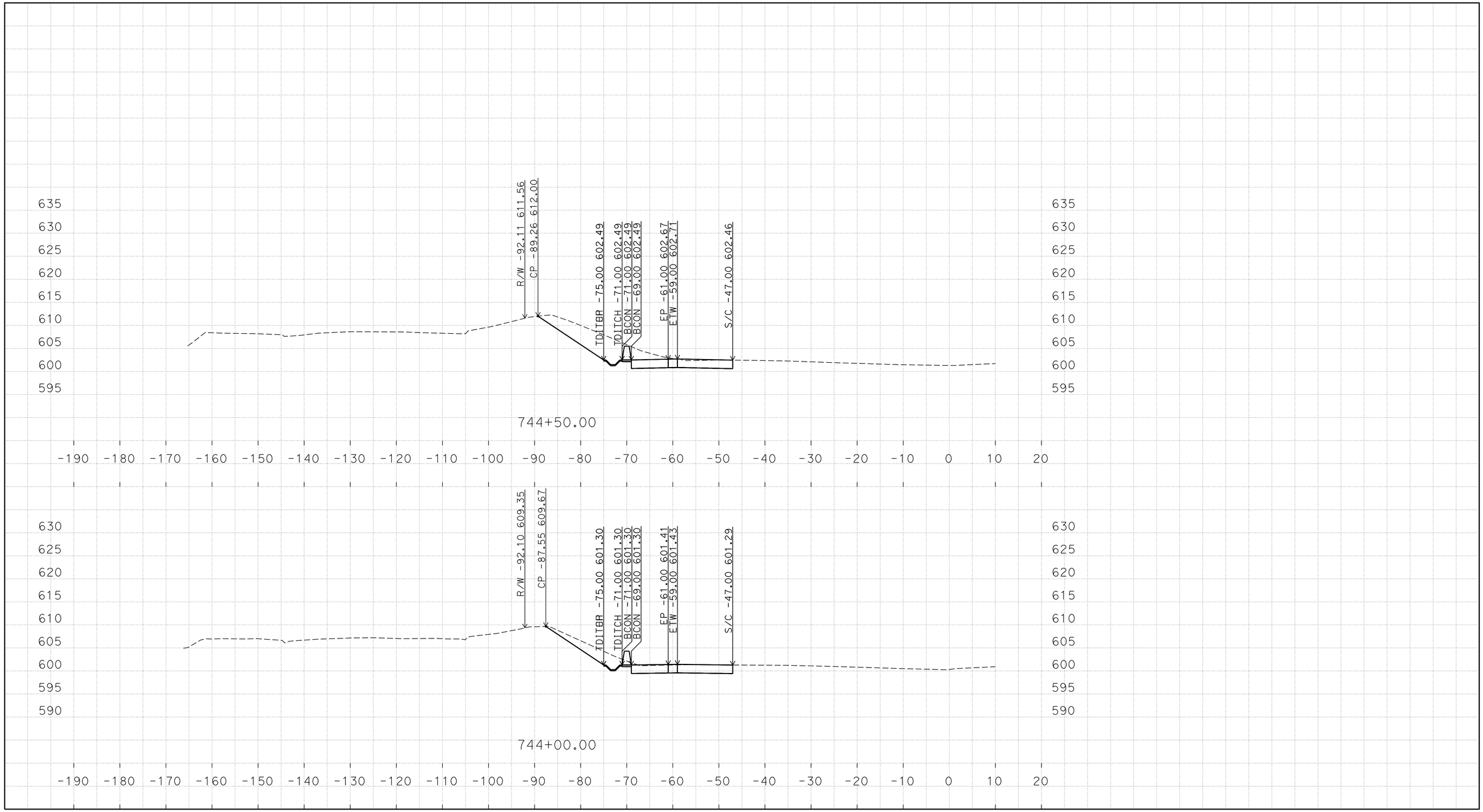


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 16 OF 47

DESIGN STUDY ONLY

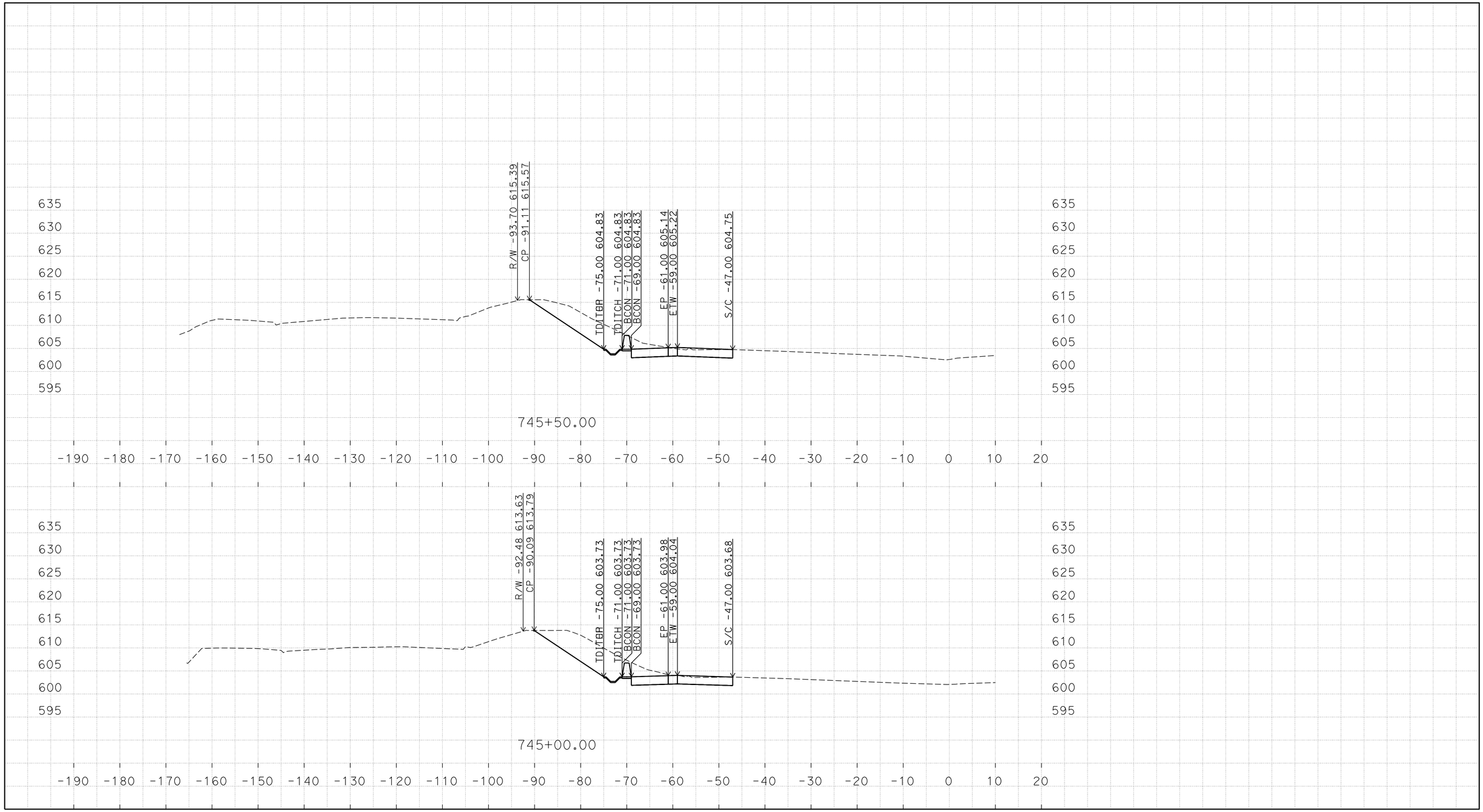


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 17 OF 47

DESIGN STUDY ONLY



DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 18 OF 47

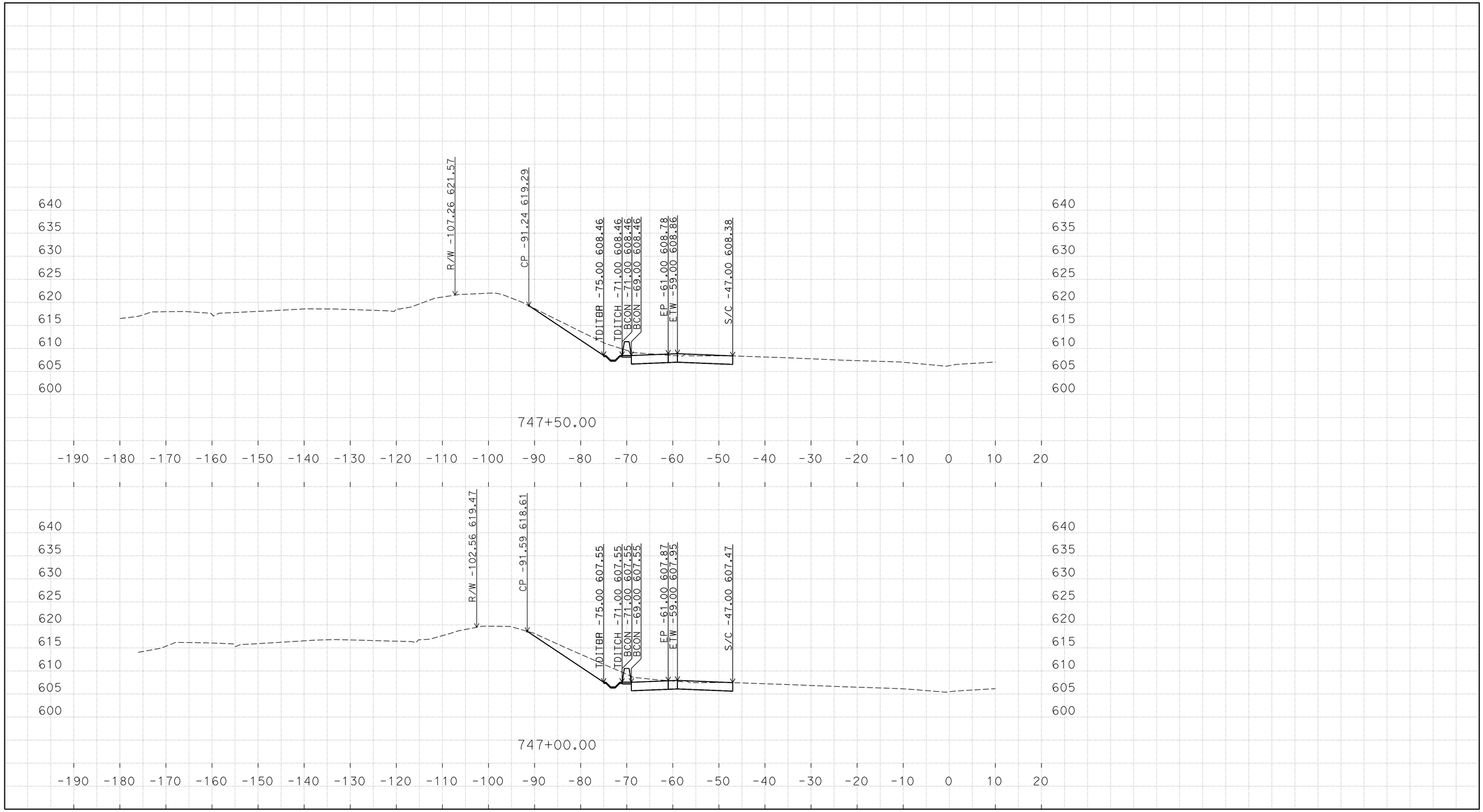
DESIGN STUDY ONLY

DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 19 OF 47

DESIGN STUDY ONLY

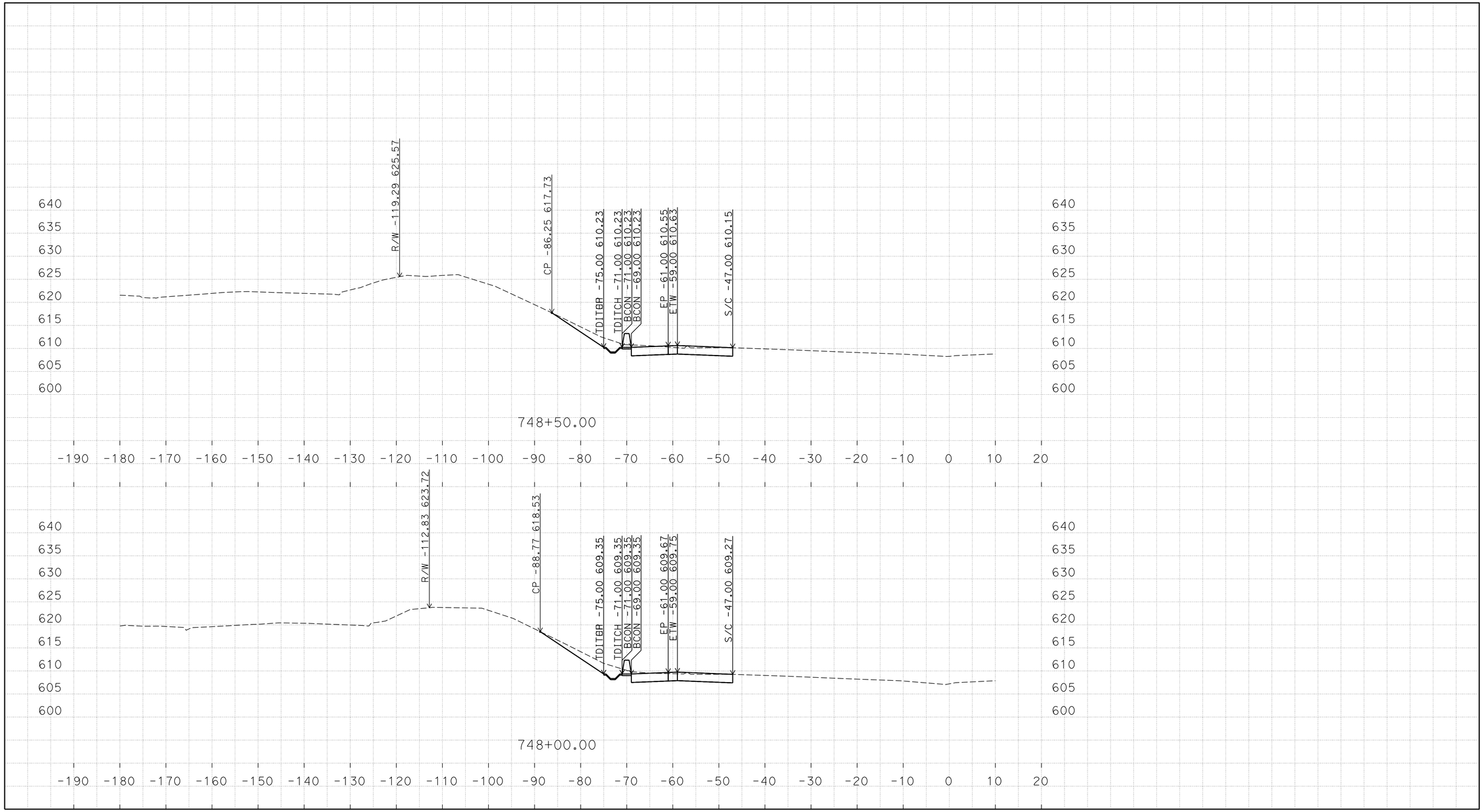


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 20 OF 47

DESIGN STUDY ONLY

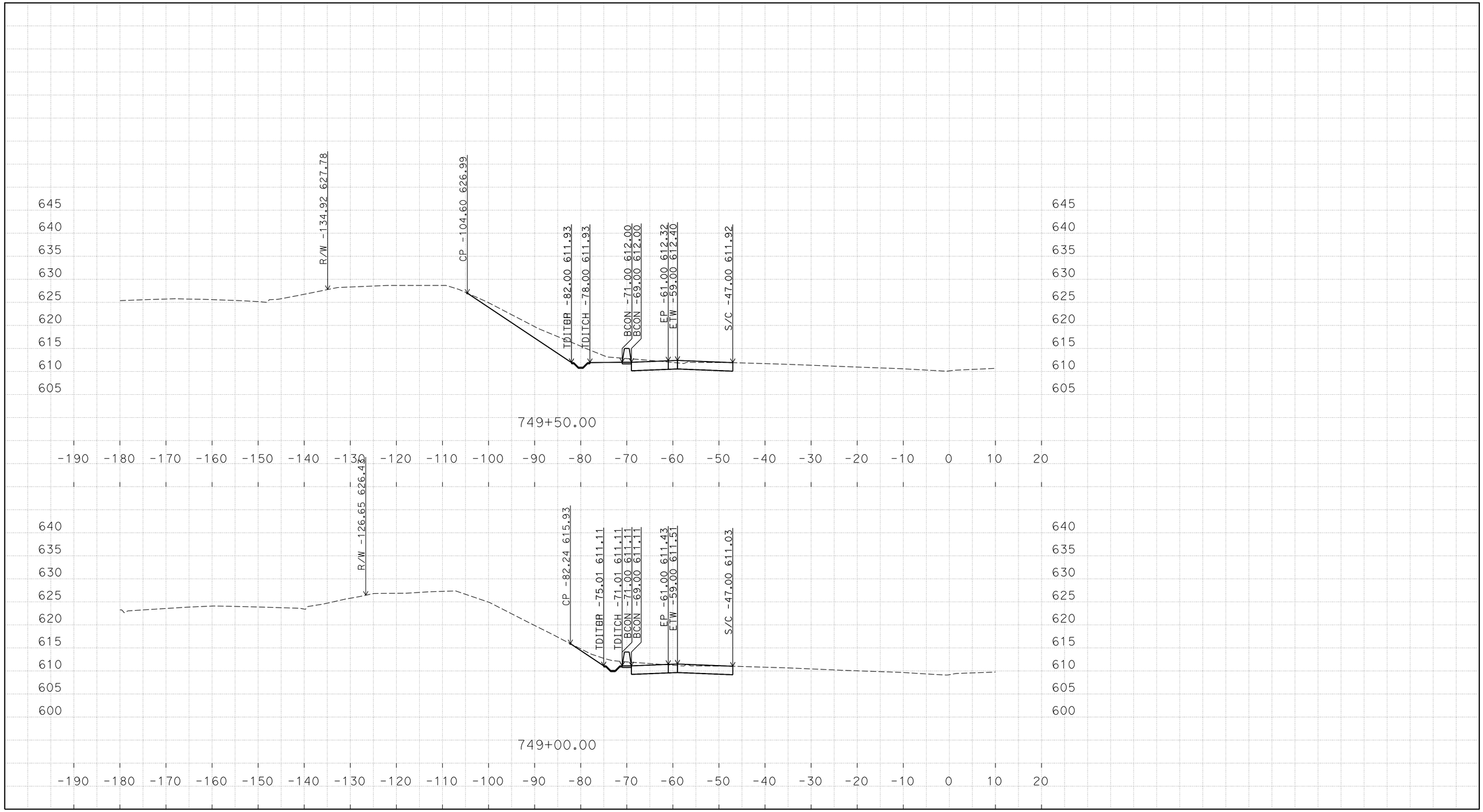


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 21 OF 47

DESIGN STUDY ONLY

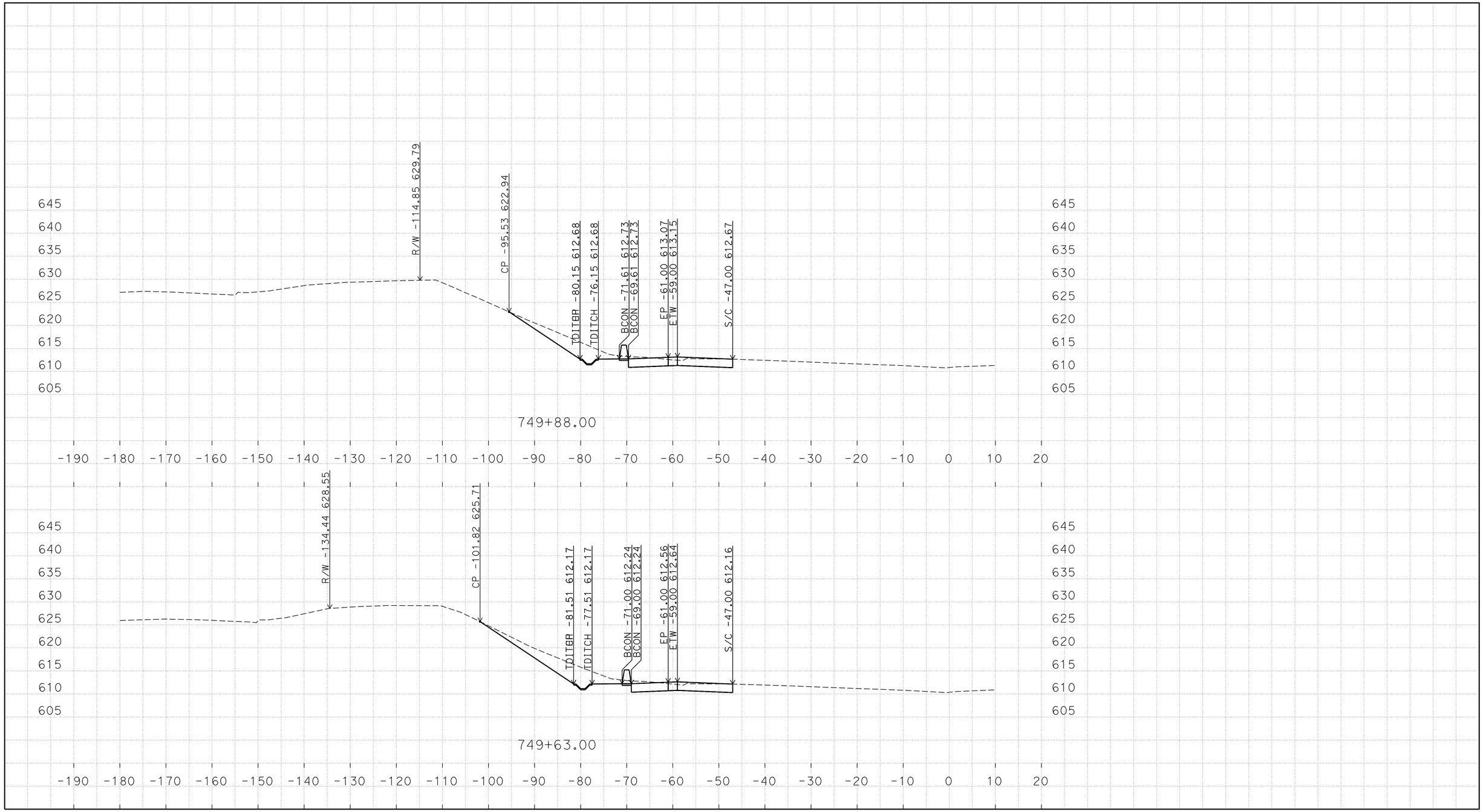


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 22 OF 47

DESIGN STUDY ONLY

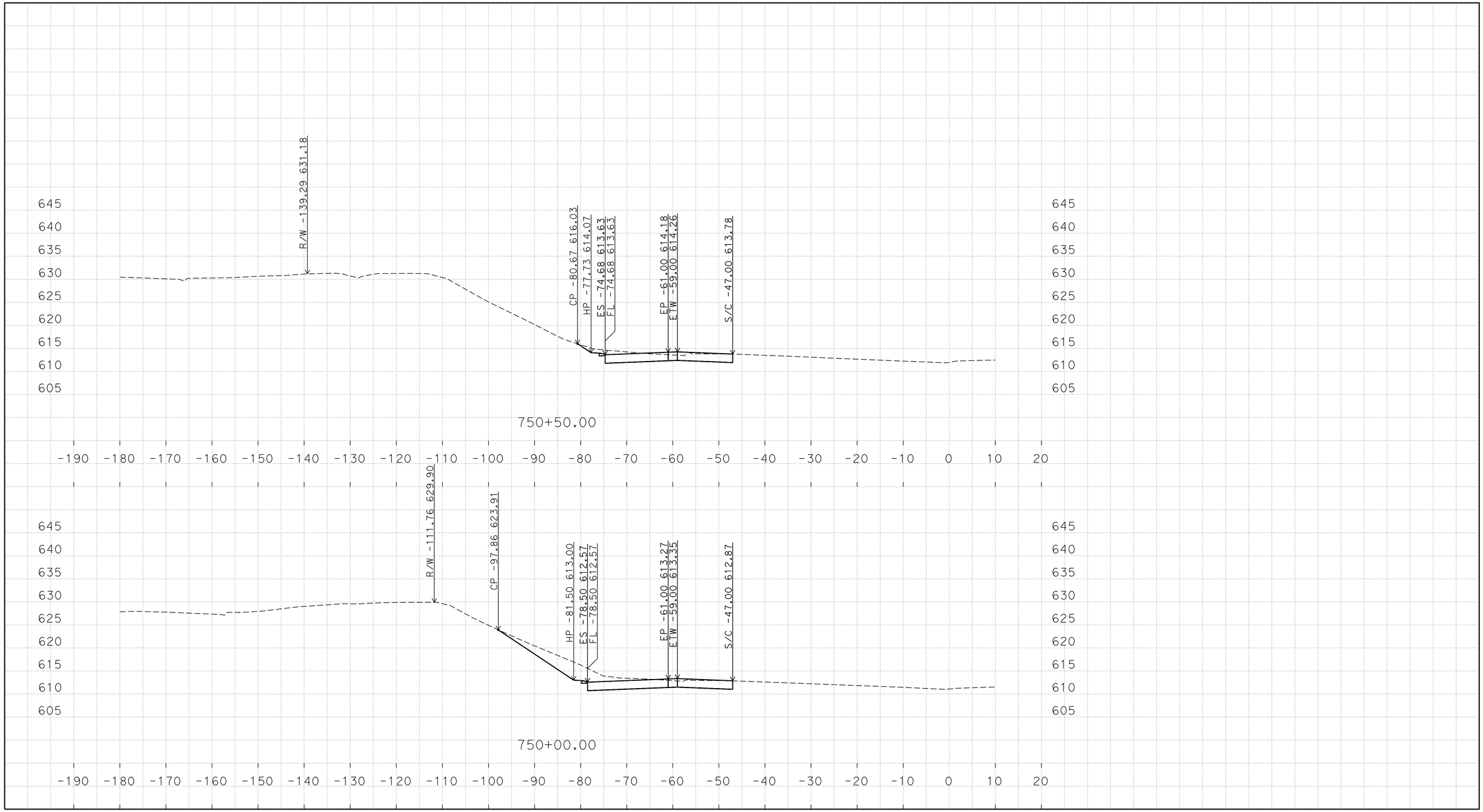


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 23 OF 47

DESIGN STUDY ONLY

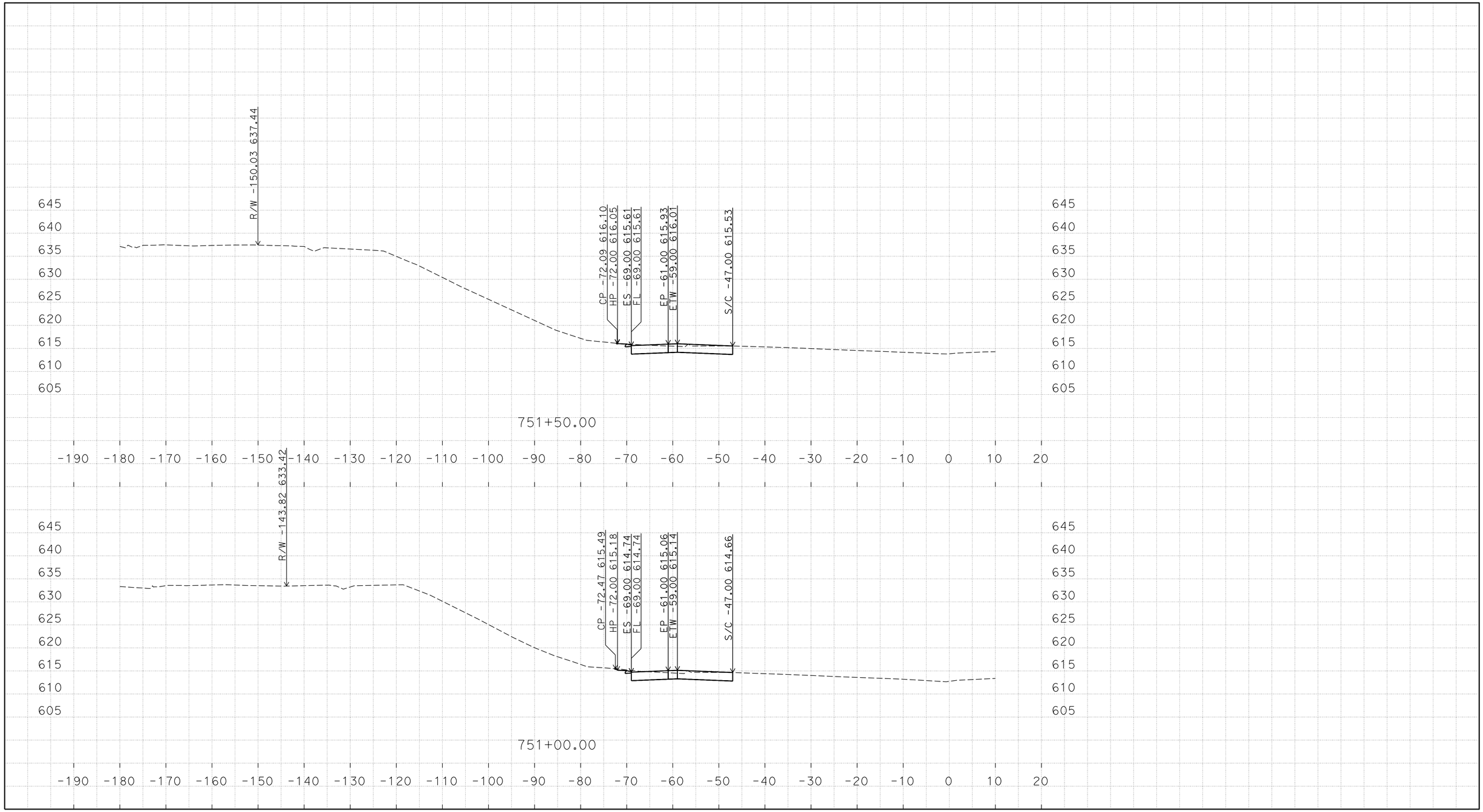


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 24 OF 47

DESIGN STUDY ONLY

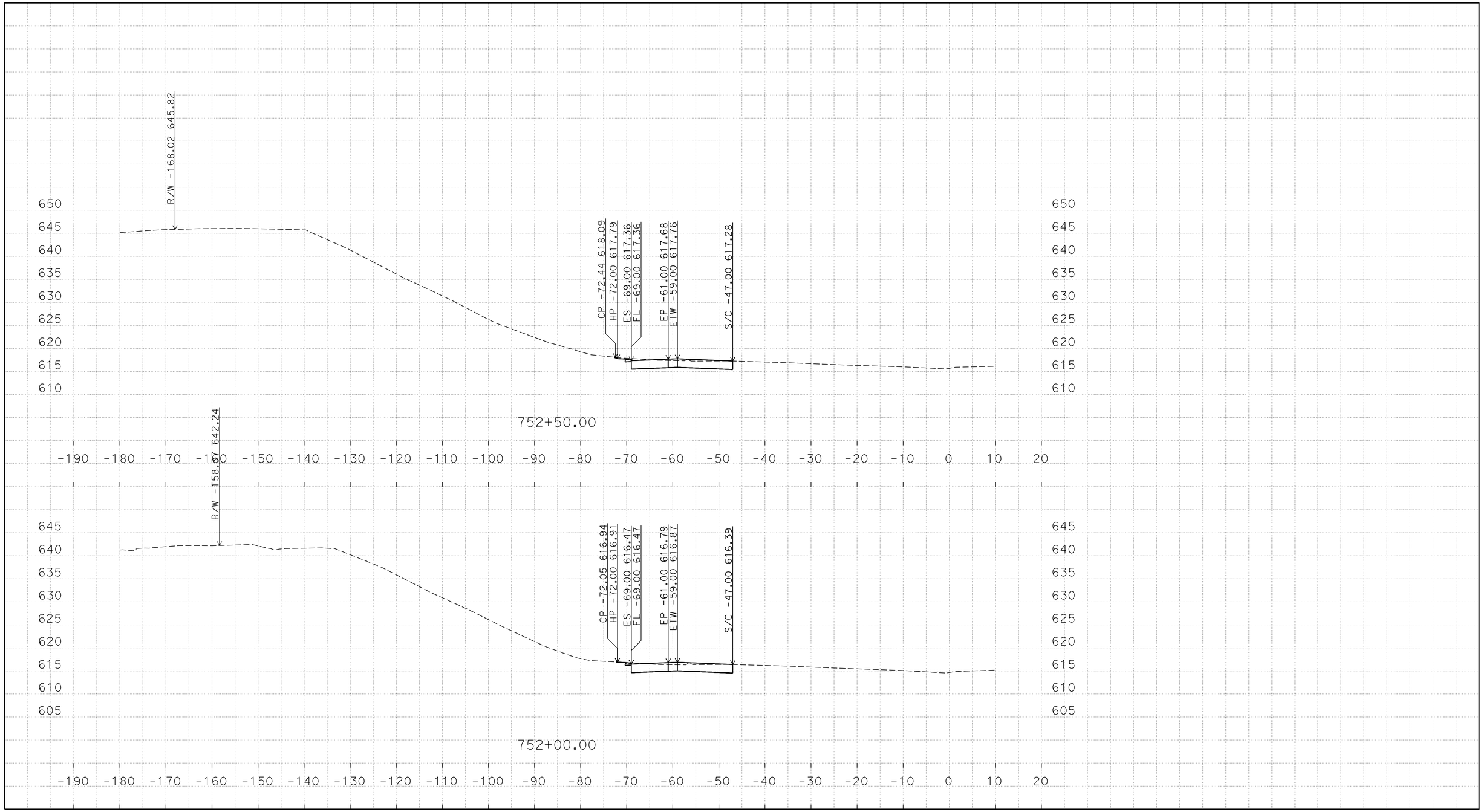


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 25 OF 47

DESIGN STUDY ONLY

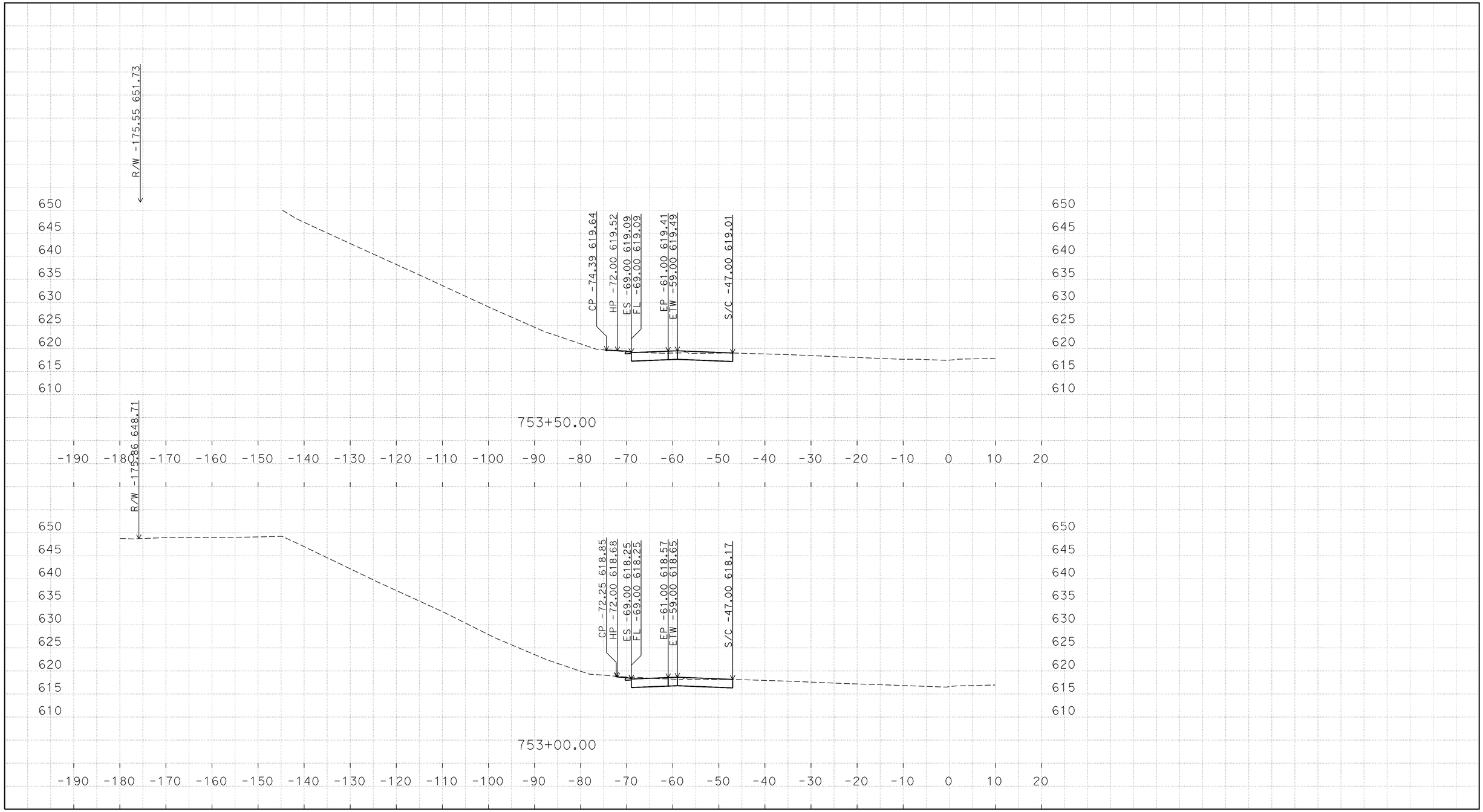


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 26 OF 47

DESIGN STUDY ONLY

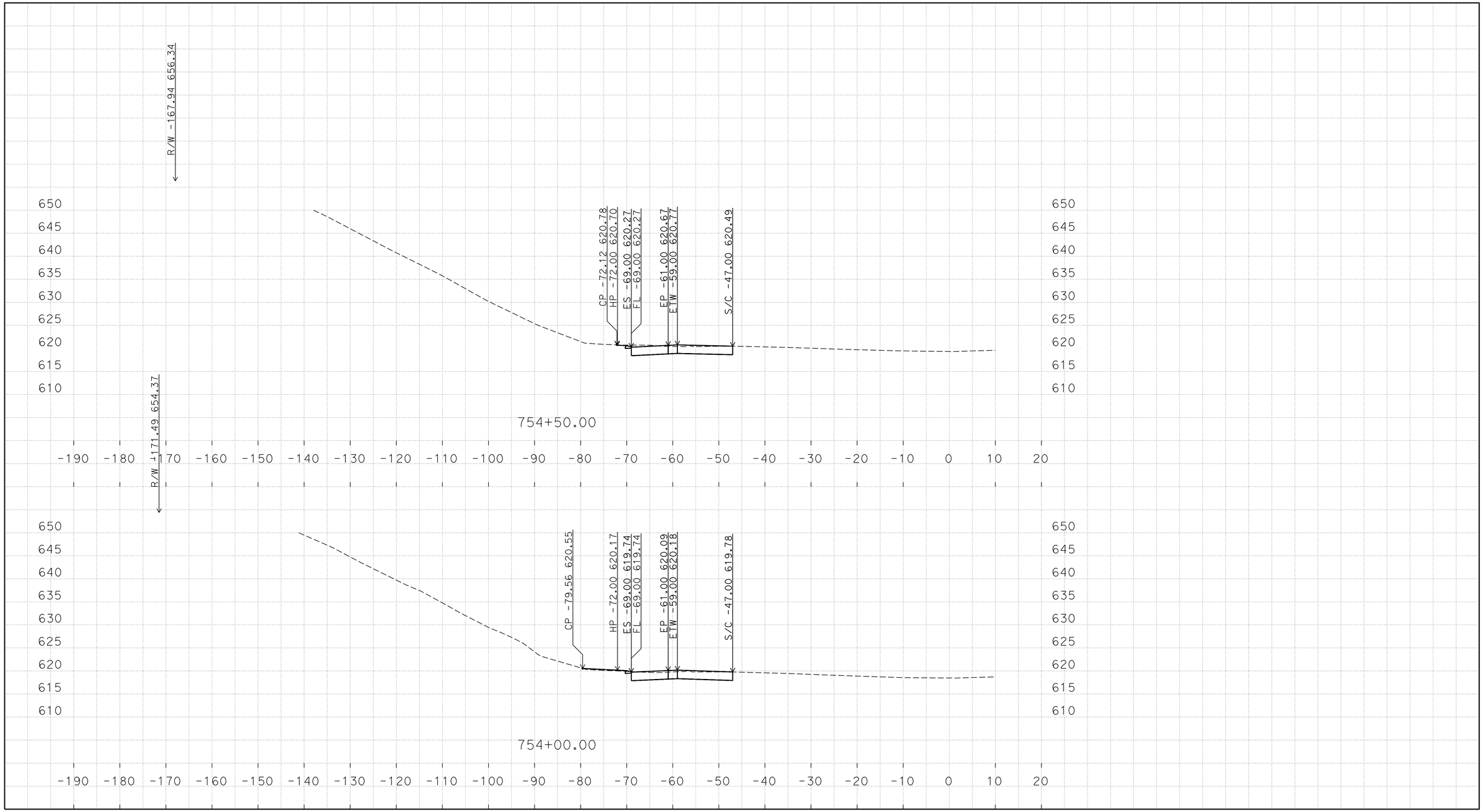


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 27 OF 47

DESIGN STUDY ONLY

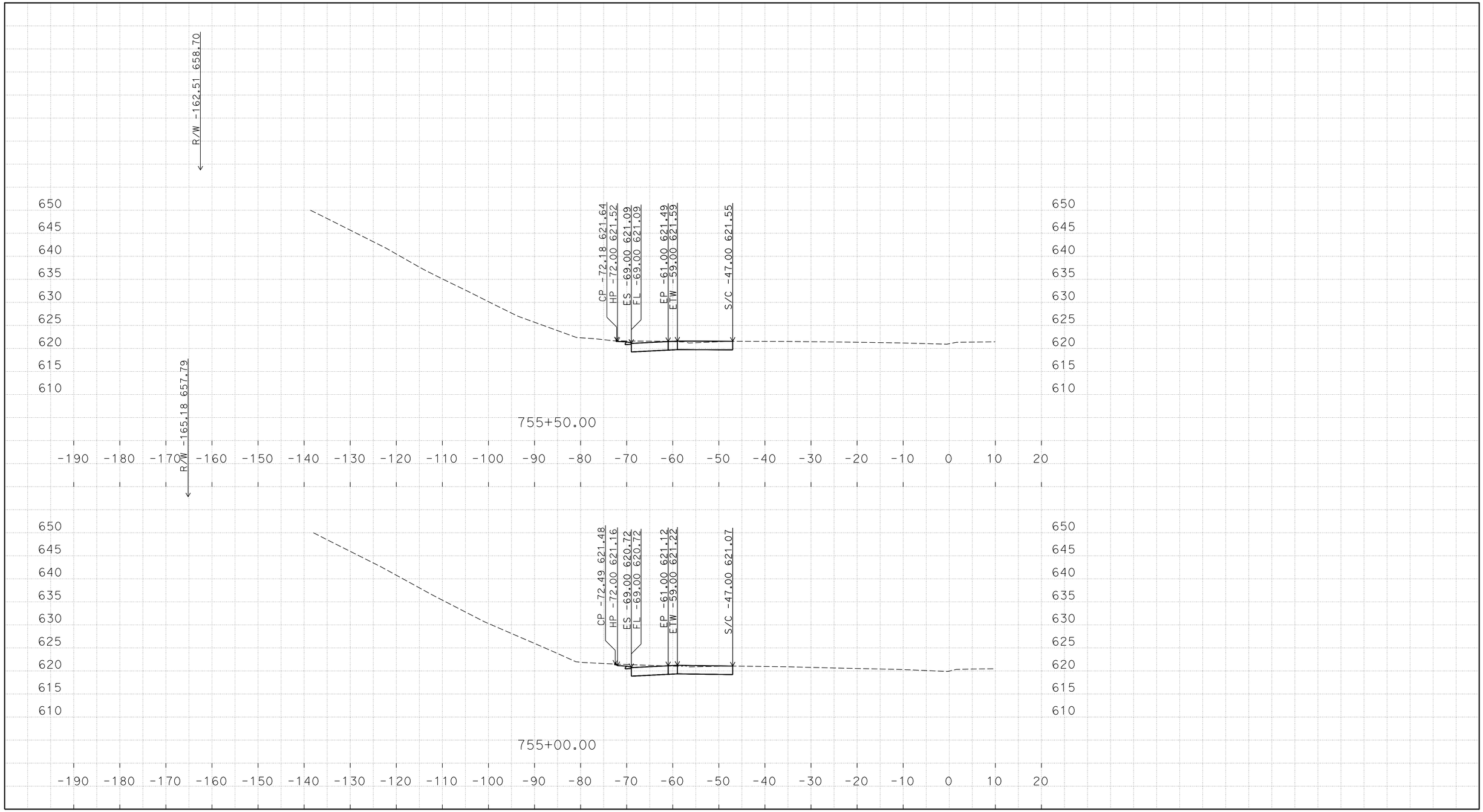


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 28 OF 47

DESIGN STUDY ONLY

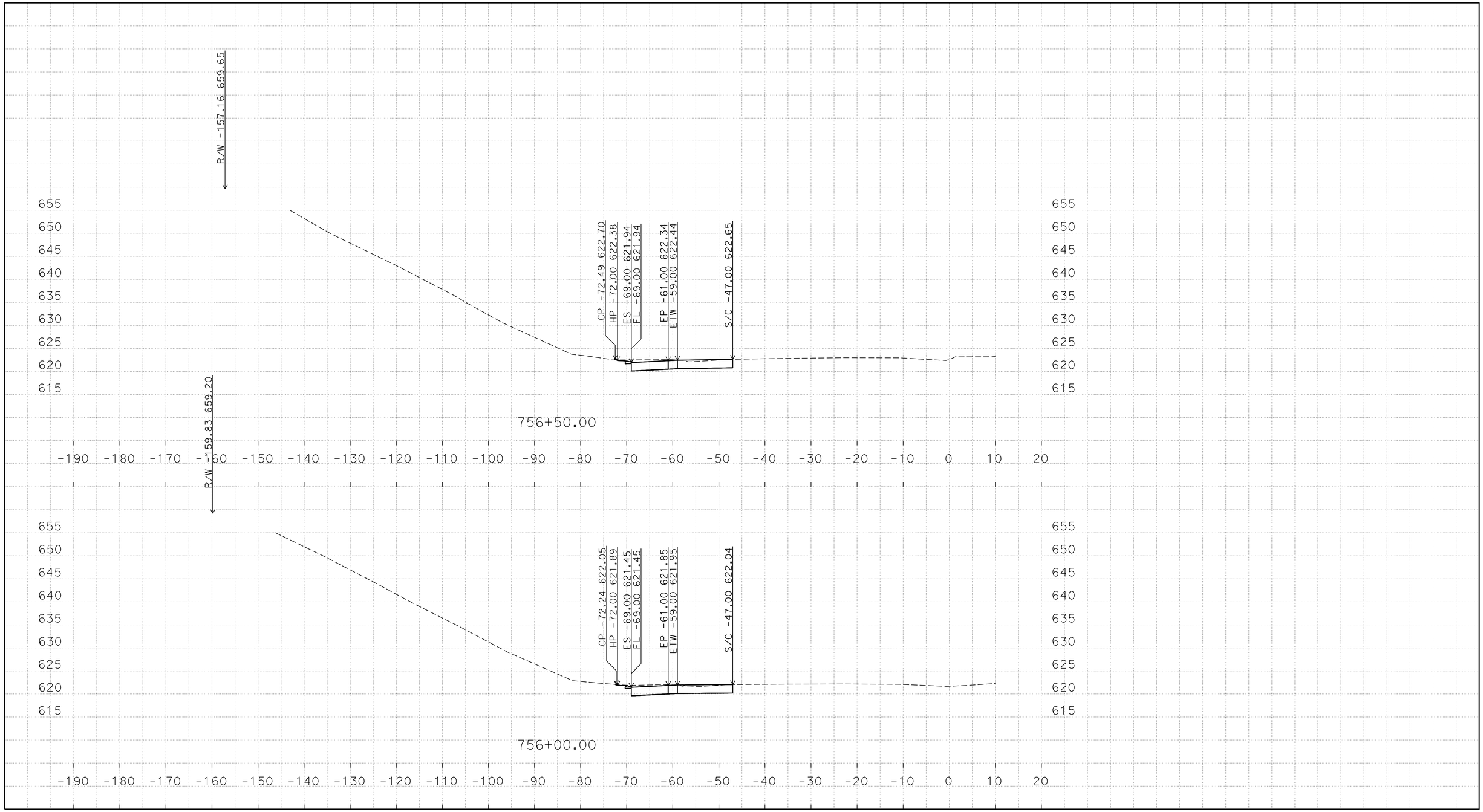


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 29 OF 47

DESIGN STUDY ONLY

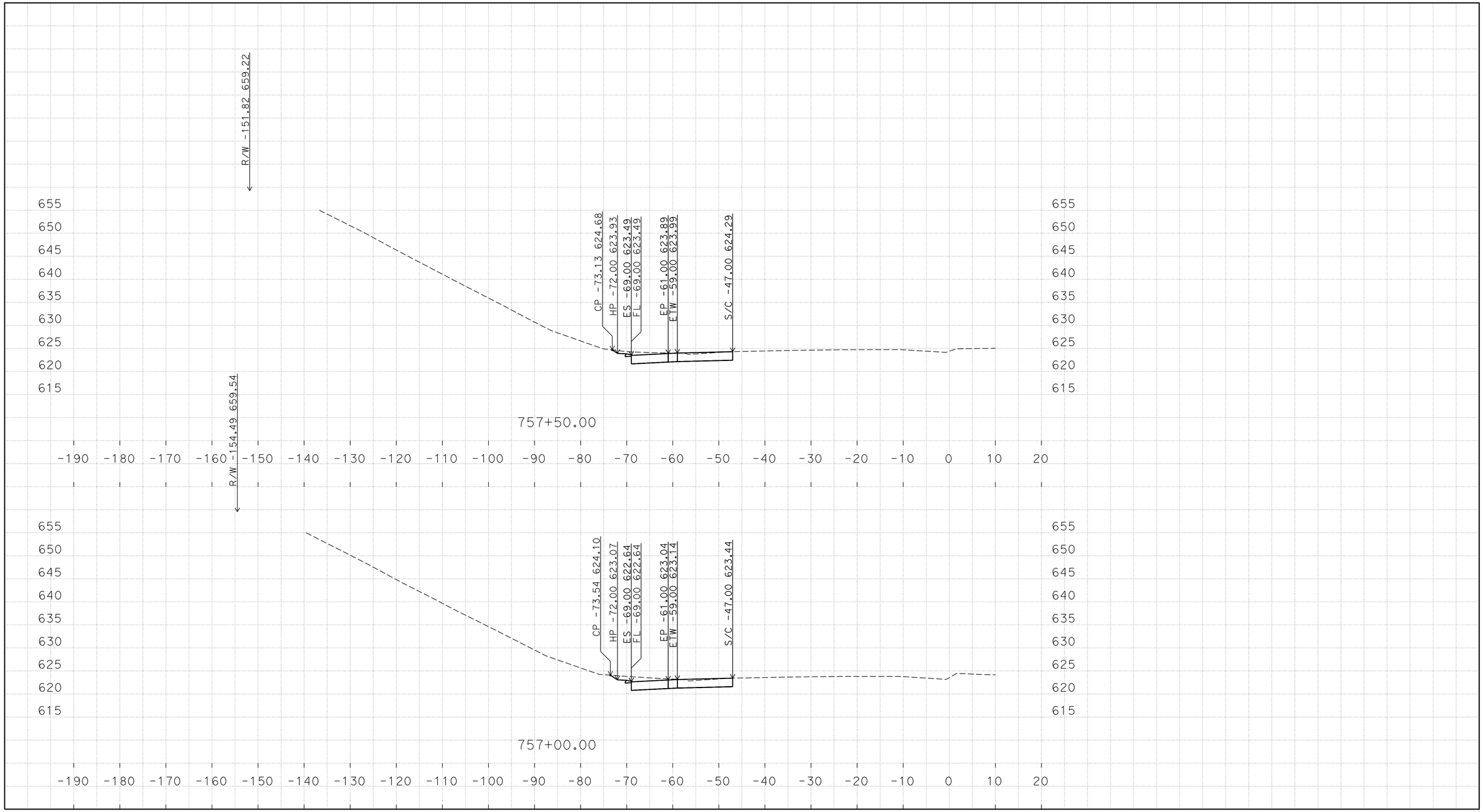


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 30 OF 47

DESIGN STUDY ONLY

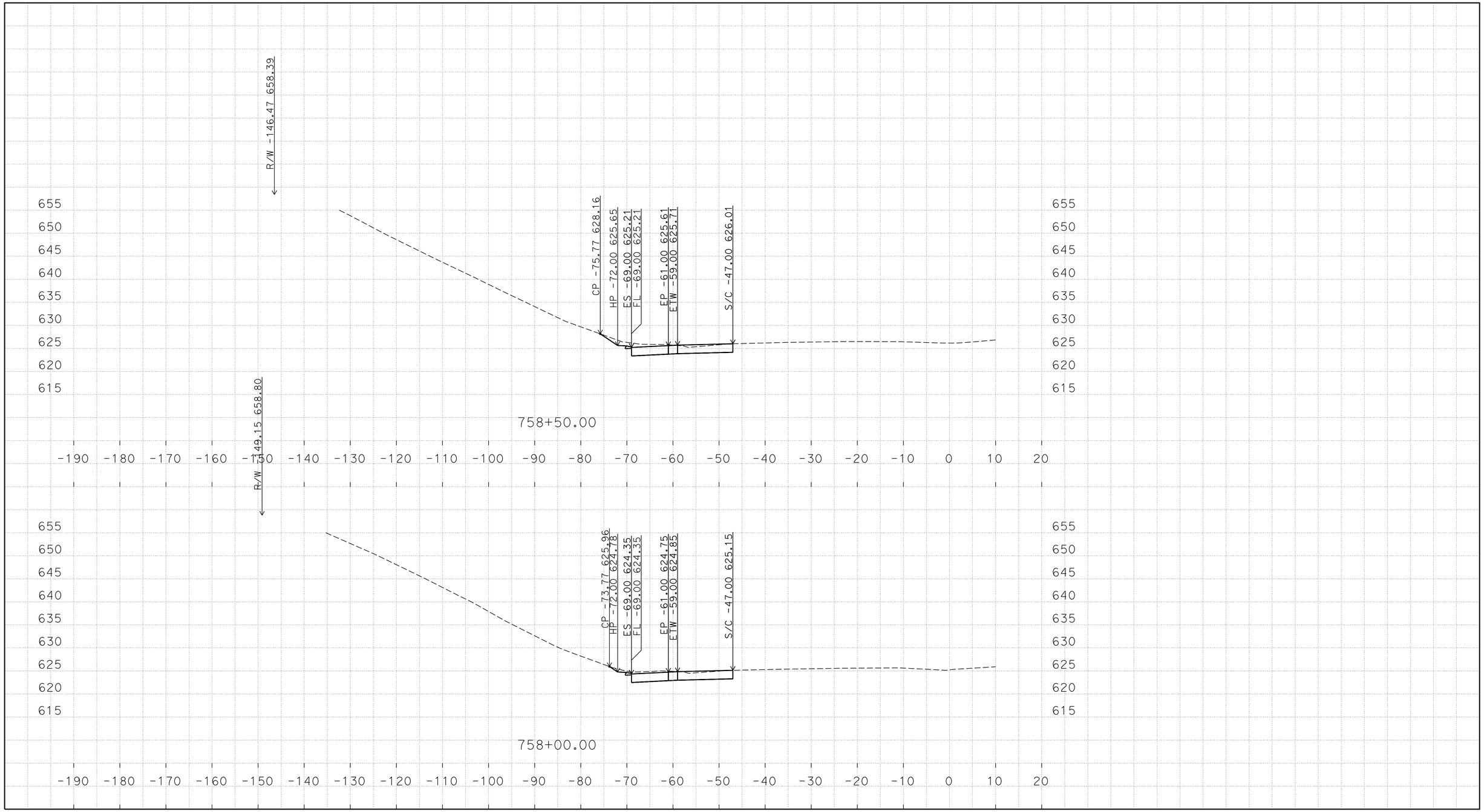


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 31 OF 47

DESIGN STUDY ONLY

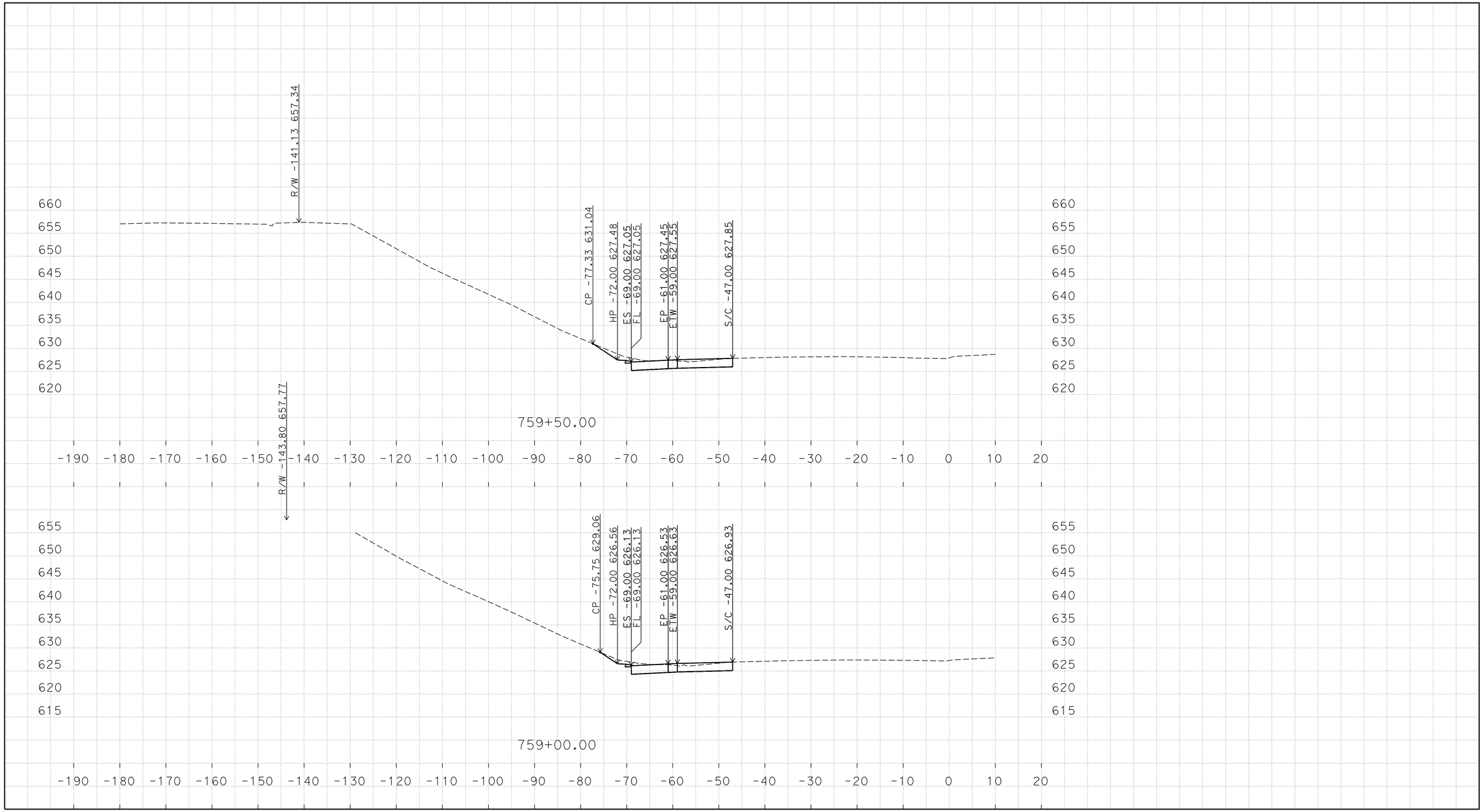


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 32 OF 47

DESIGN STUDY ONLY

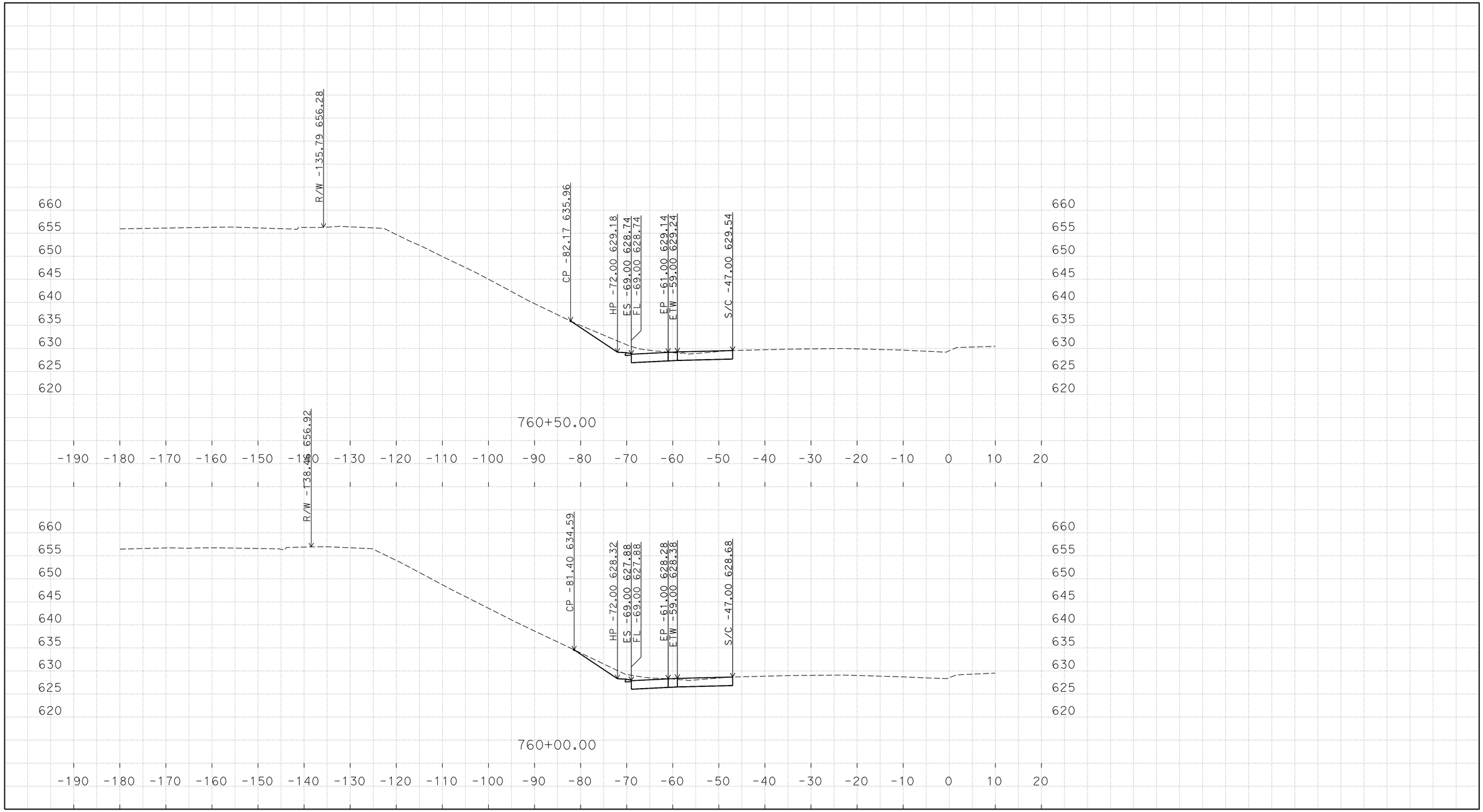


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 33 OF 47

DESIGN STUDY ONLY

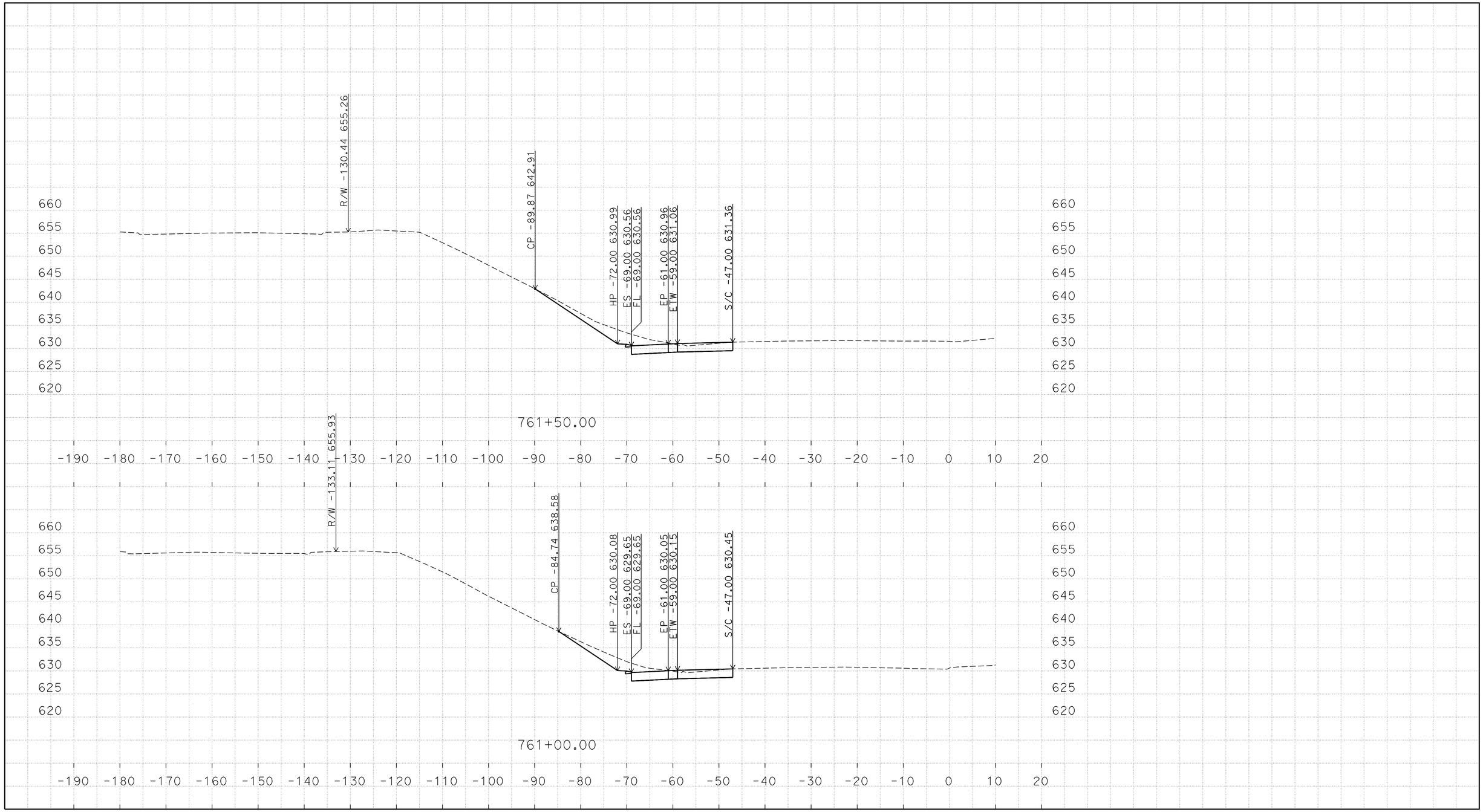


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 34 OF 47

DESIGN STUDY ONLY

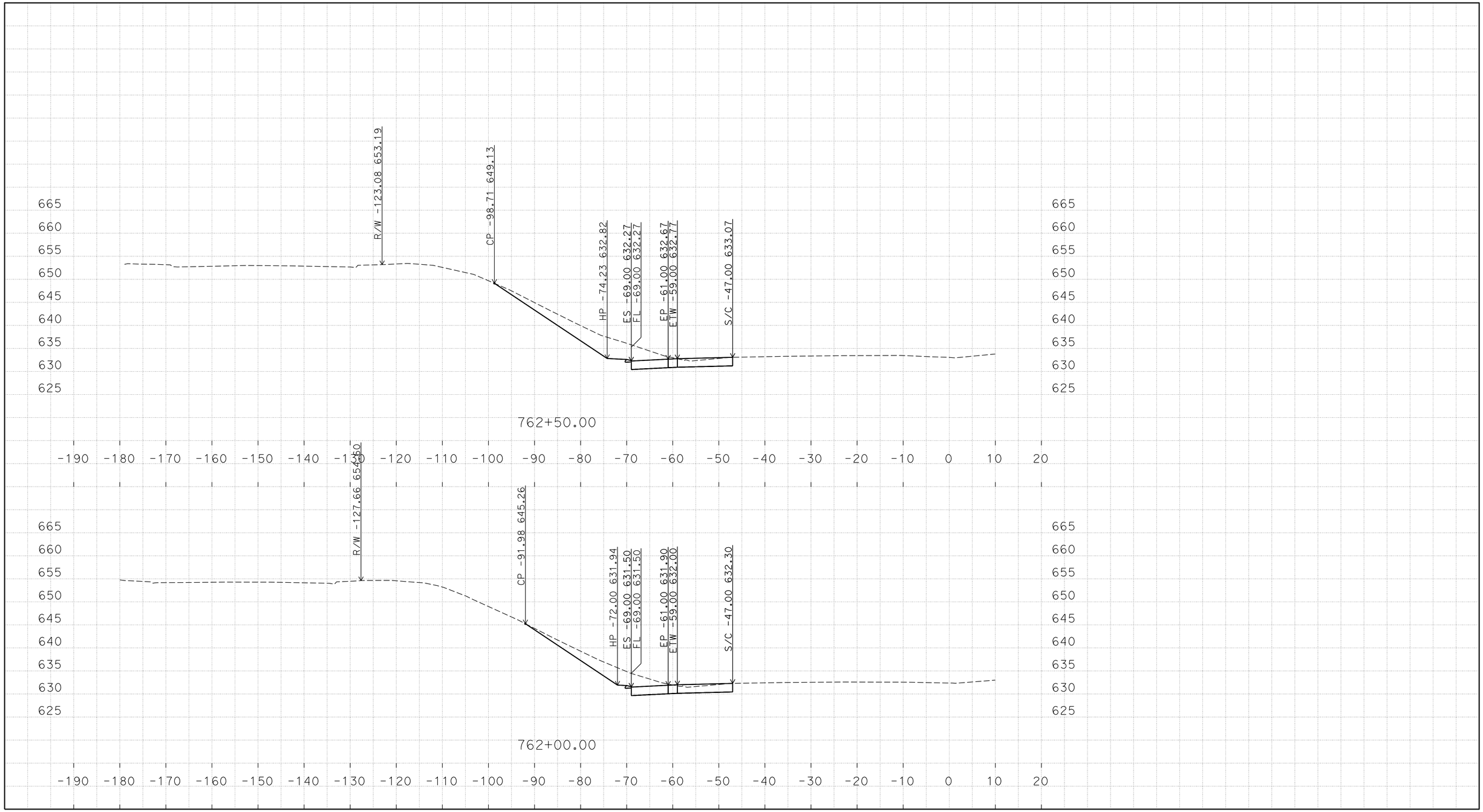


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 35 OF 47

DESIGN STUDY ONLY

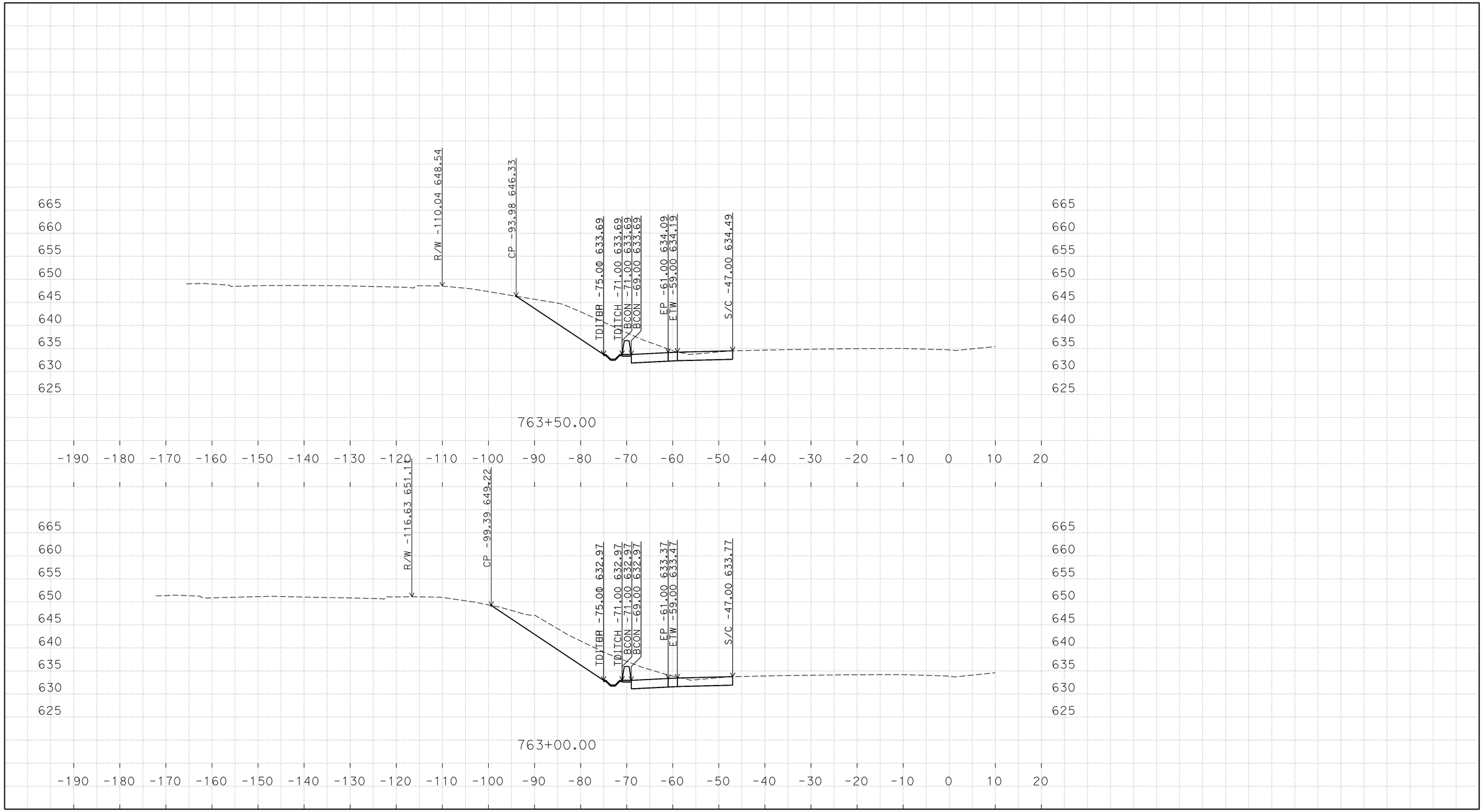


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 36 OF 47

DESIGN STUDY ONLY



DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 37 OF 47

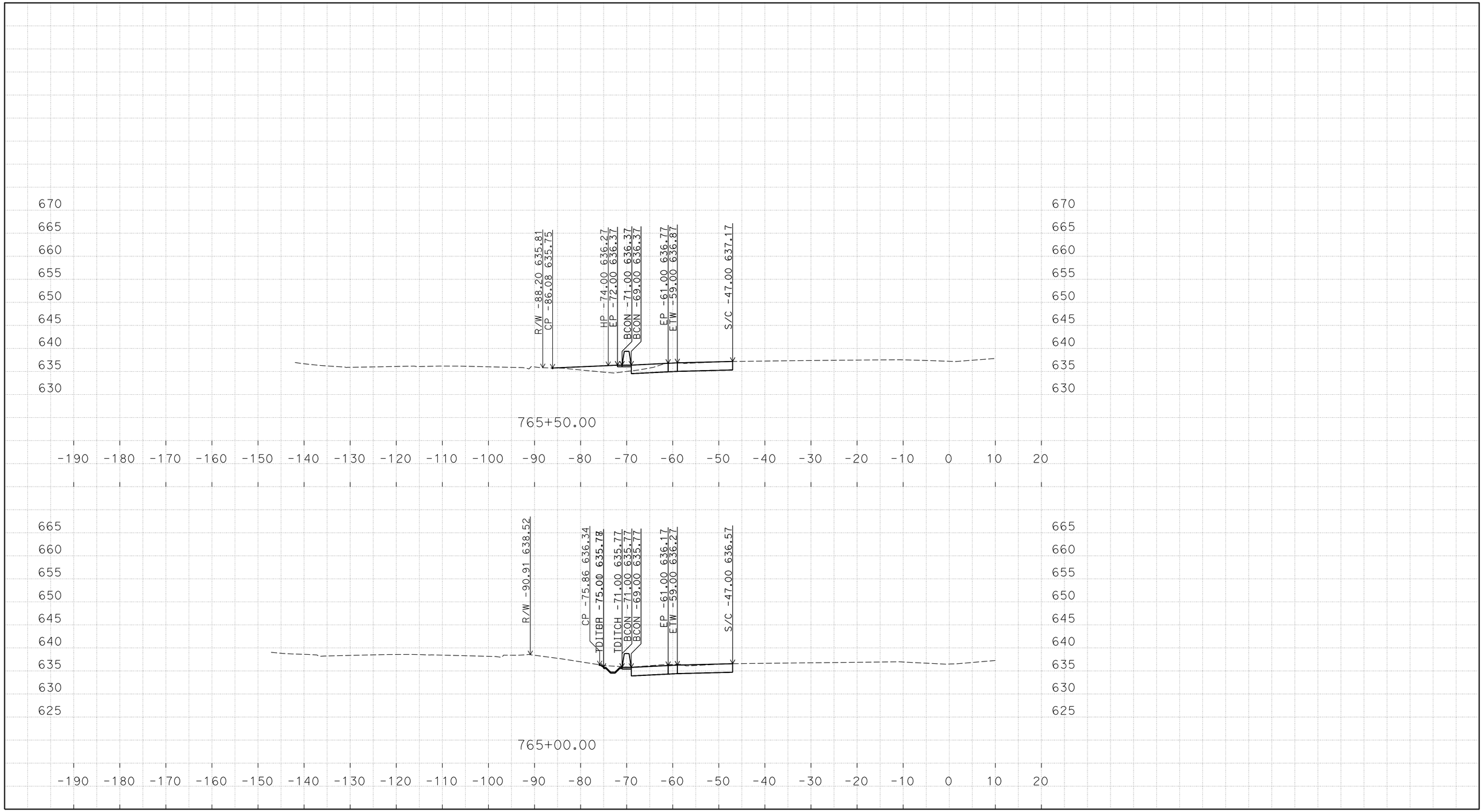
DESIGN STUDY ONLY

DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 38 OF 47

DESIGN STUDY ONLY

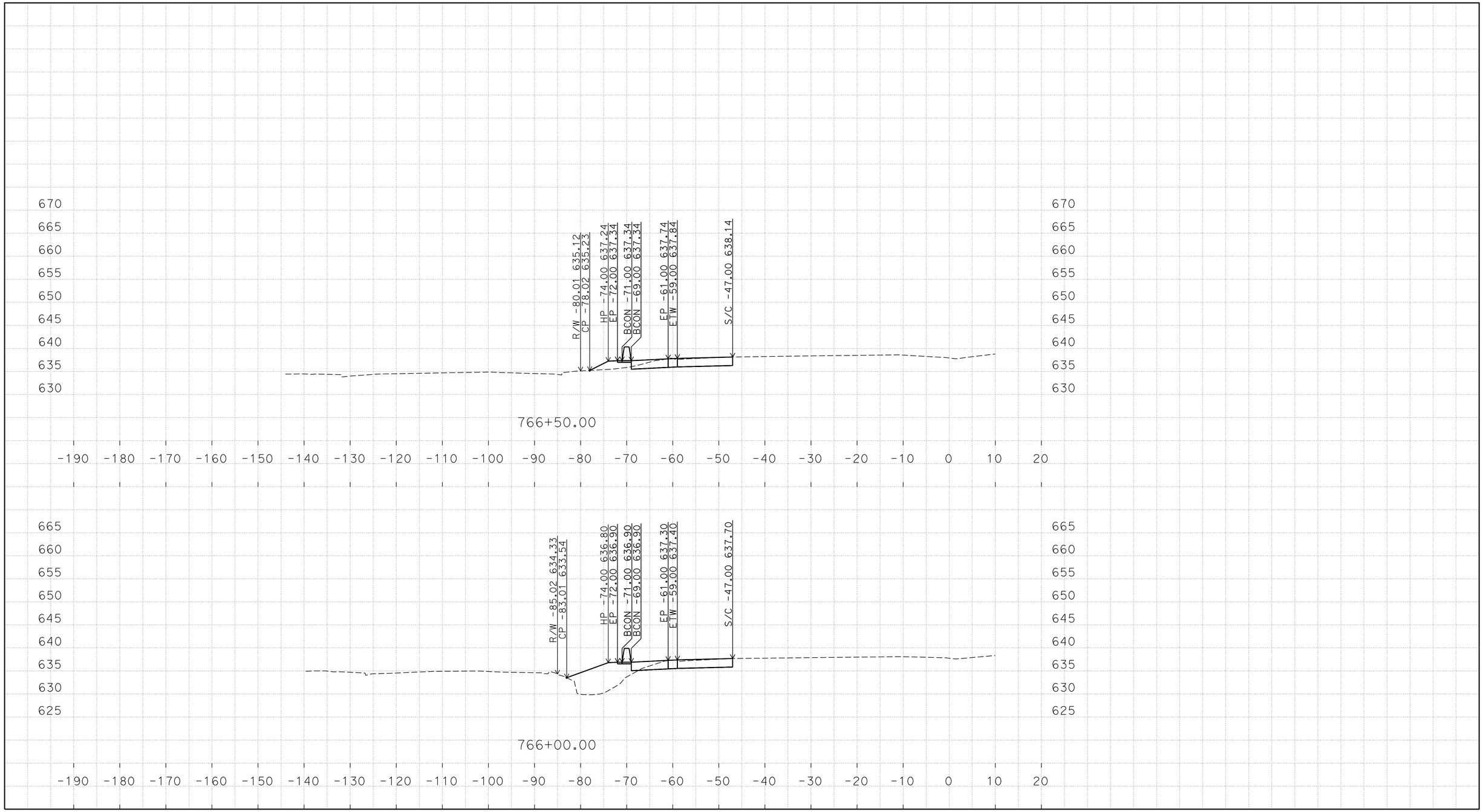


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 39 OF 47

DESIGN STUDY ONLY

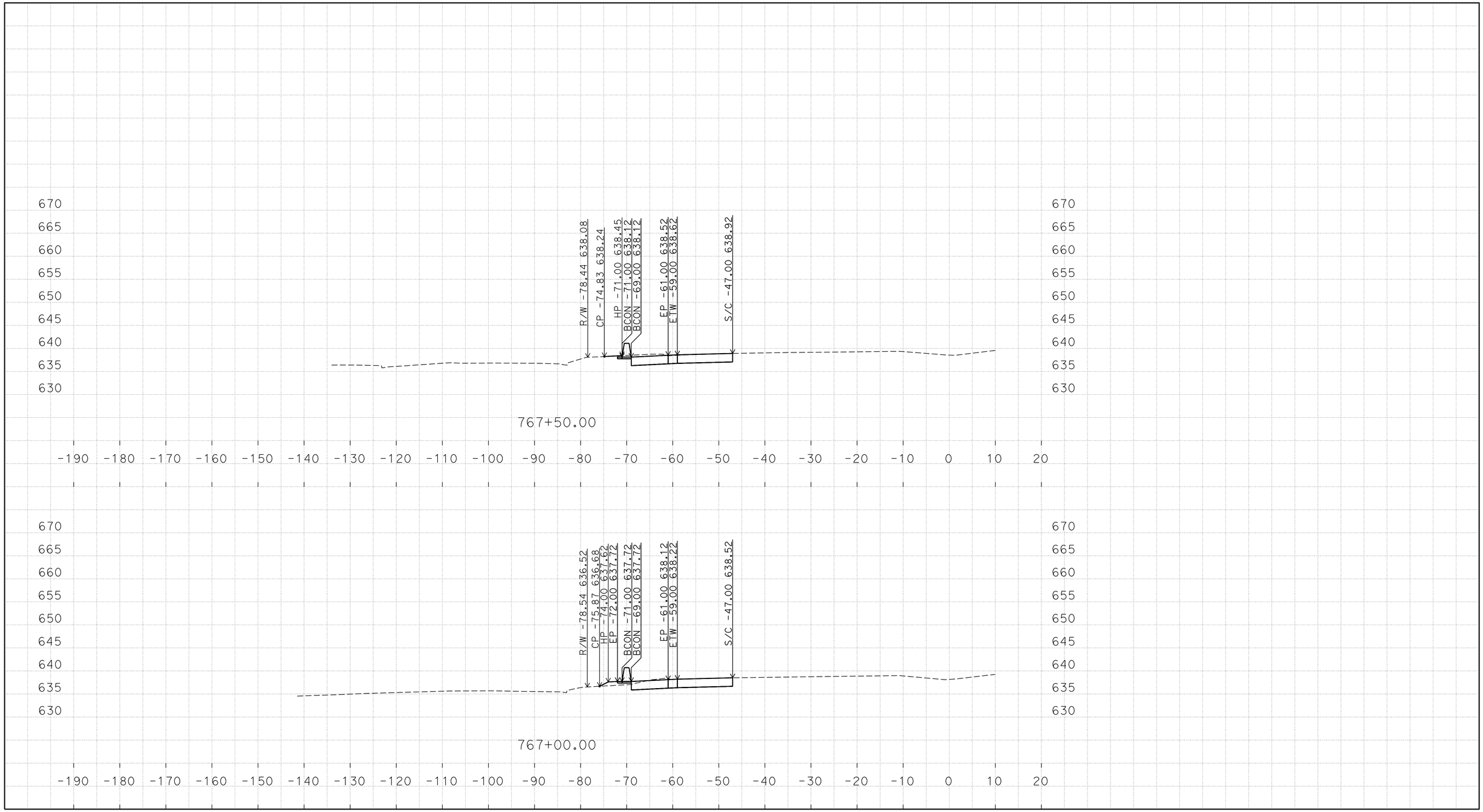


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 40 OF 47

DESIGN STUDY ONLY

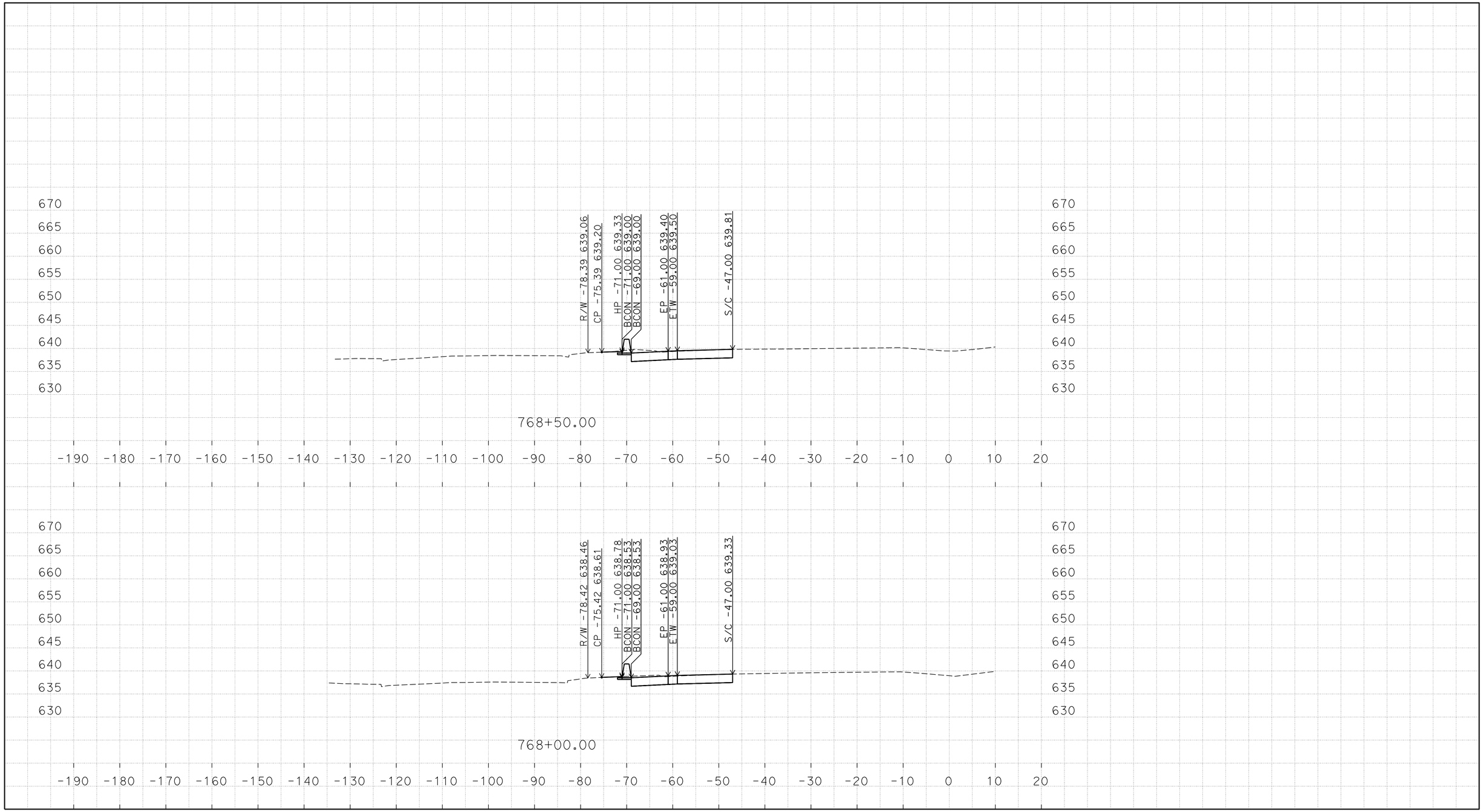


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 41 OF 47

DESIGN STUDY ONLY



DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 42 OF 47

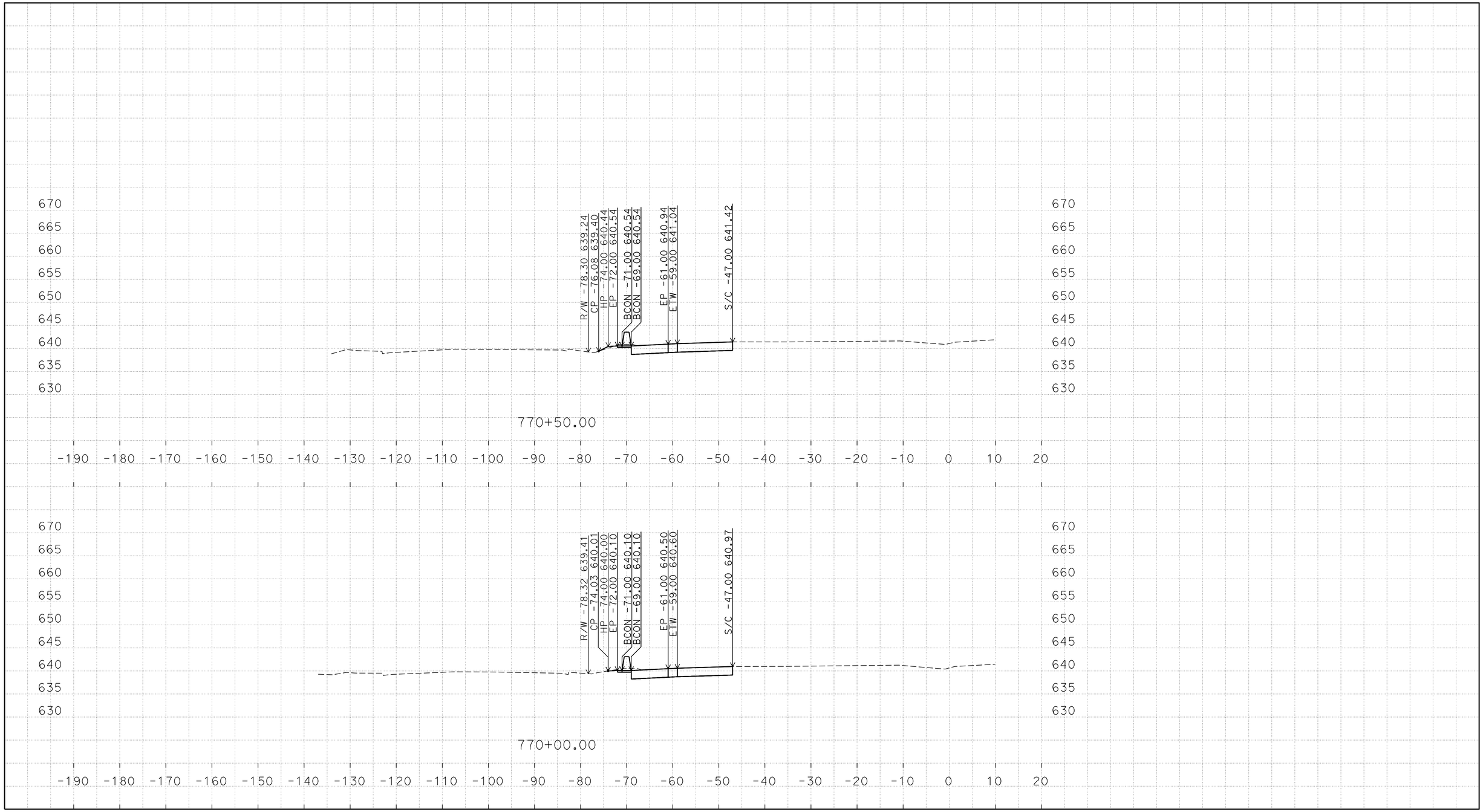
DESIGN STUDY ONLY

DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 43 OF 47

DESIGN STUDY ONLY

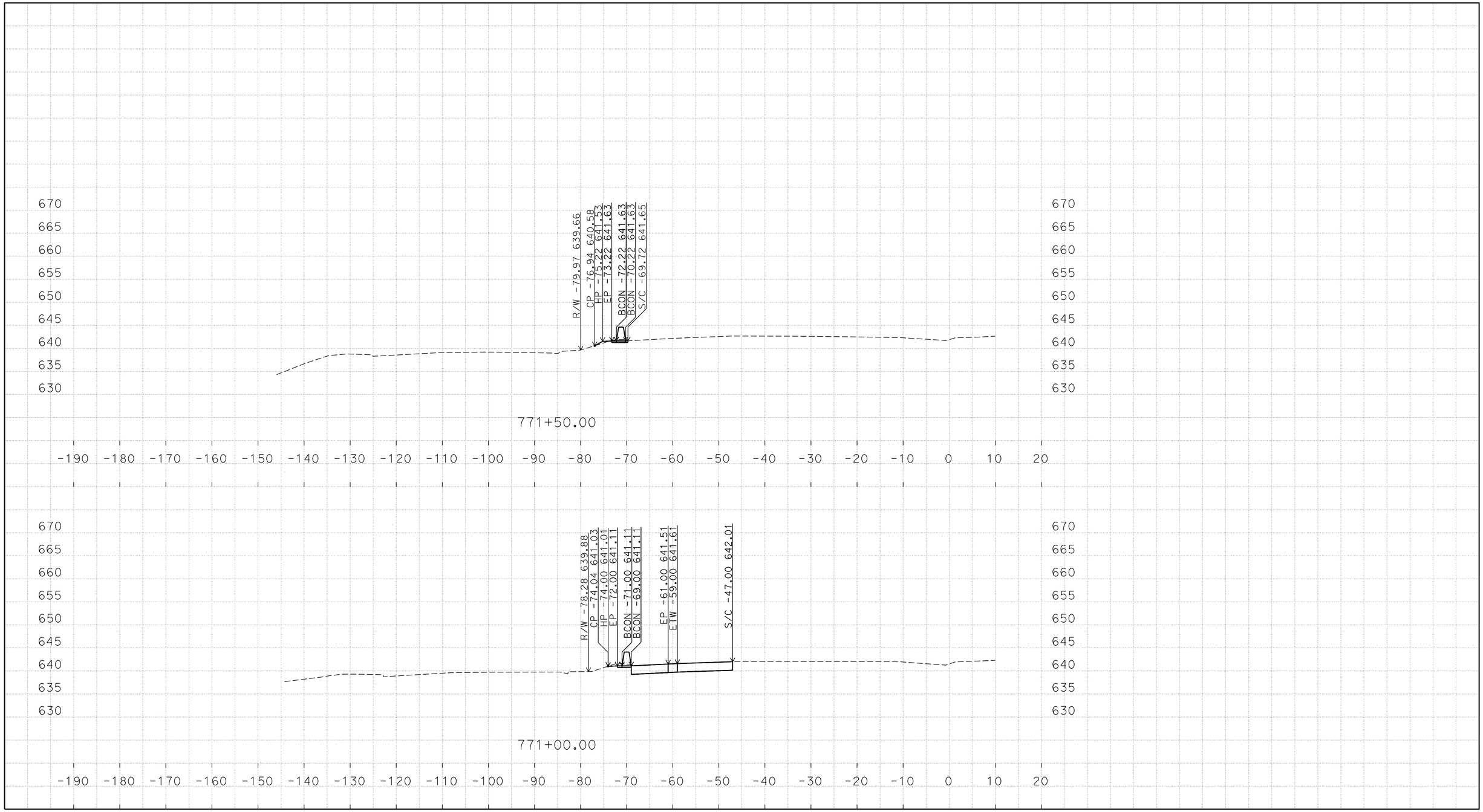


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 44 OF 47

DESIGN STUDY ONLY

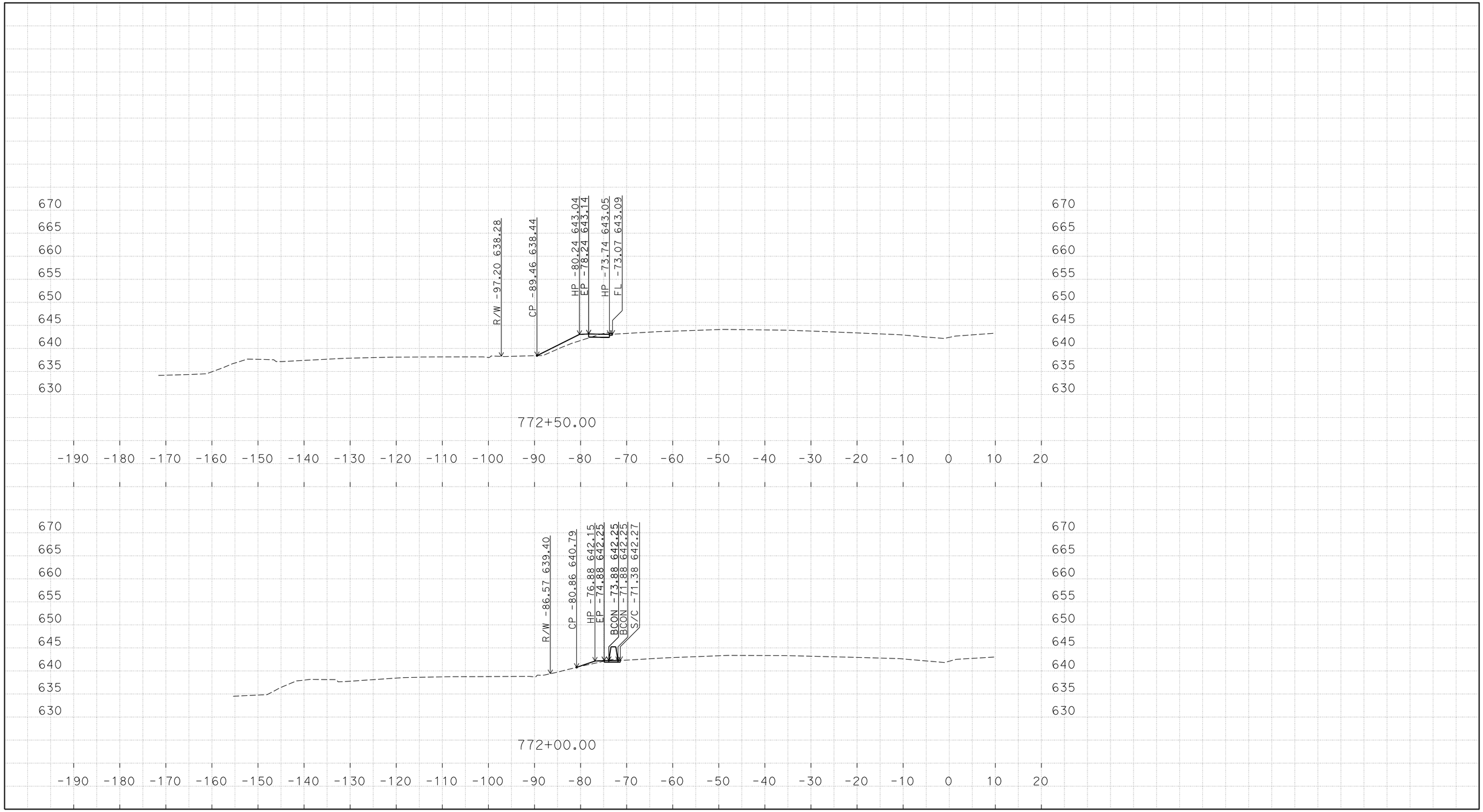


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 45 OF 47

DESIGN STUDY ONLY

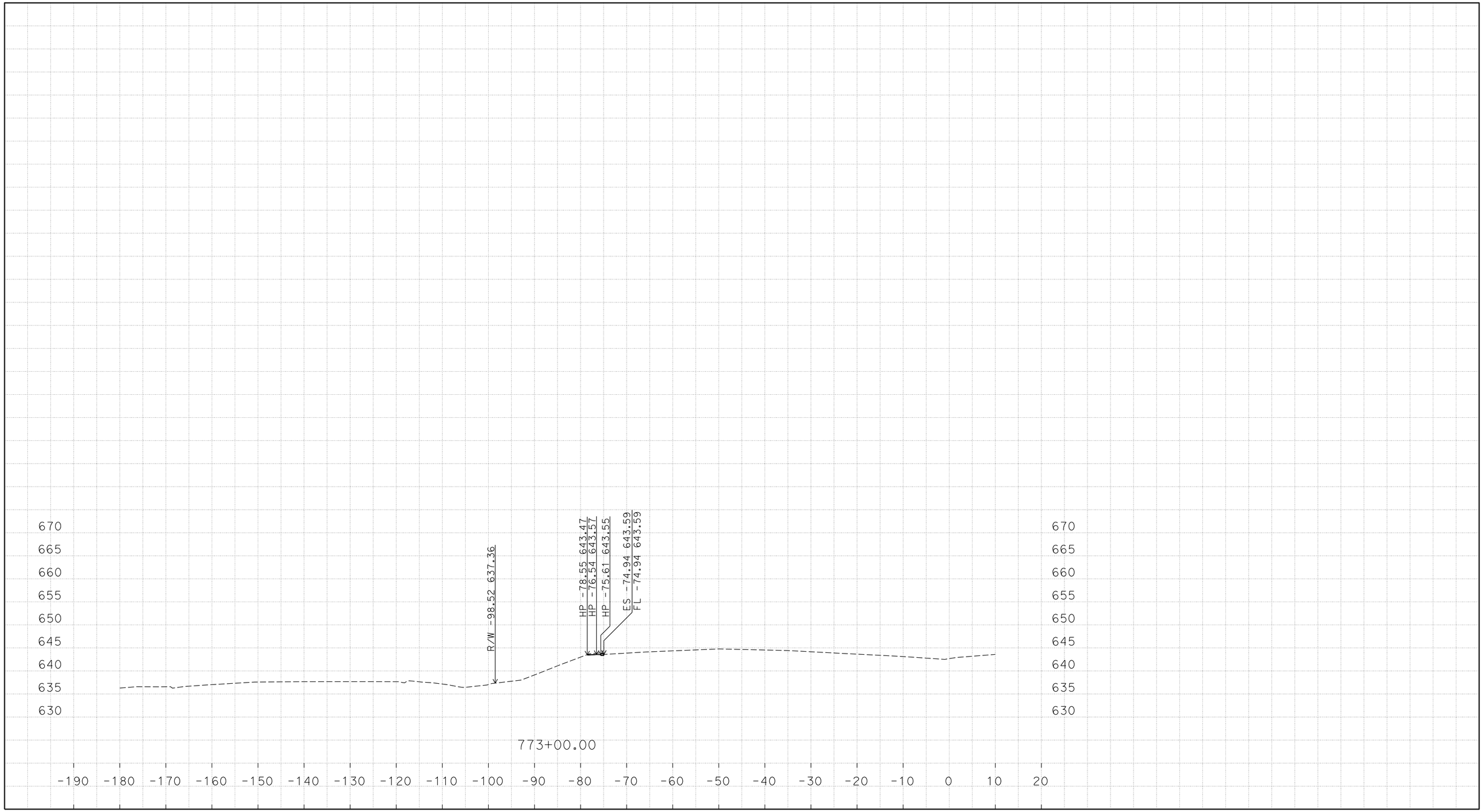


DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE
CROSS SECTIONS
SHEET 46 OF 47

DESIGN STUDY ONLY



DATE: 6/24/2016
PROJECT: 1115000142
11-SD-78, EA 421604, PM 13.0/14.1

SCALE: 1" = 10' Horiz
1" = 10' Vert
ALL DIMENSIONS ARE US SURVEY FEET

"SD-78" LINE CROSS SECTIONS
SHEET 47 OF 47