

U.S. *Survey
Foot*

OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



OC PUBLIC WORKS DEPARTMENT

JAMES TREADWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR

SAN DIEGO CREEK CHANNEL (F05) SCOUR STUDY

REACH 1
STATION 136+00 TO 156+00

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (1991.35) EPOCH ADJUSTMENT.

ALL DISTANCE SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY COMBINED FACTOR OF 1.00002886. A LEGACY PROJECT AVERAGE COMBINATION FACTOR WAS HELD PER SURVEY #9890P54444.

ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

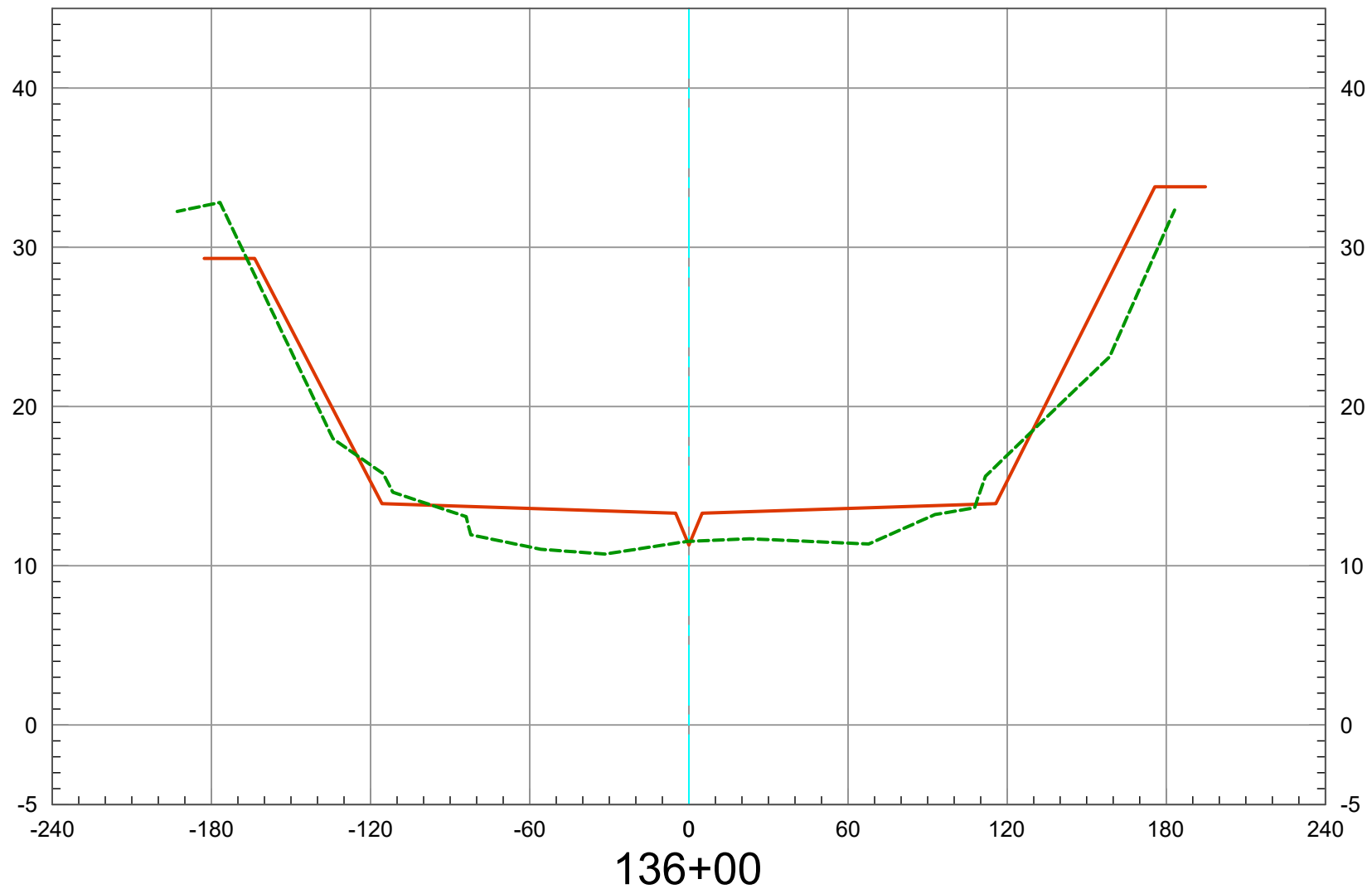
VERTICAL DATUM

NGVD 1929 / 1995 O.C.S. VERTICAL ADJUSTMENT

PROJECT CROSS SECTIONS

COUNTY of ORANGE OC PUBLIC WORKS OC SURVEY					
FIELD UNIT BOUNDARY ANALYSIS & MAPPING					
2022 SCOURS STUDY - VOLUME REPORT					
SAN DIEGO CREEK (F05) REACH 1, STATION 136+00 to 156+00					
Date of Survey October 2022					
ALIGNMENT: CENTERLINE ALIGNMENT REACH 1					
SURFACE 1: SAN DIEGO CREEK SCOURS REACH1 EG (2022 Ground)					
BASELINE STATION NUMBER	STATION CUT AREA	STATION CUT VOLUME	STATION FILL AREA	STATION FILL VOLUME	MASS ORDINATE VOLUME
136+00	85.37	581.28	583.73	2212.77	1631.49
138+00	482.04	2101.49	416.02	3702.78	3232.78
140+00	179.14	2448.79	577.17	3678.48	4462.47
142+00	170.25	1294.03	790.58	5065.71	8234.15
144+00	174.22	1275.81	500.83	4782.98	11741.32
146+00	178.36	1305.85	492.67	3679.64	14115.11
148+00	269.70	1659.49	789.20	4747.68	17203.30
150+00	188.66	1697.63	588.22	5101.55	20607.22
152+00	198.54	1434.08	485.50	3976.74	23149.88
154+00	80.68	1034.14	516.05	3709.47	25825.21
156+00	4.28	314.65	459.01	3611.36	29121.92
		CUT: 15,147.24 Cu. Yds.		FILL: 44,269.16 Cu. Yds.	NET FILL: 29,121.92 Cu. Yds.

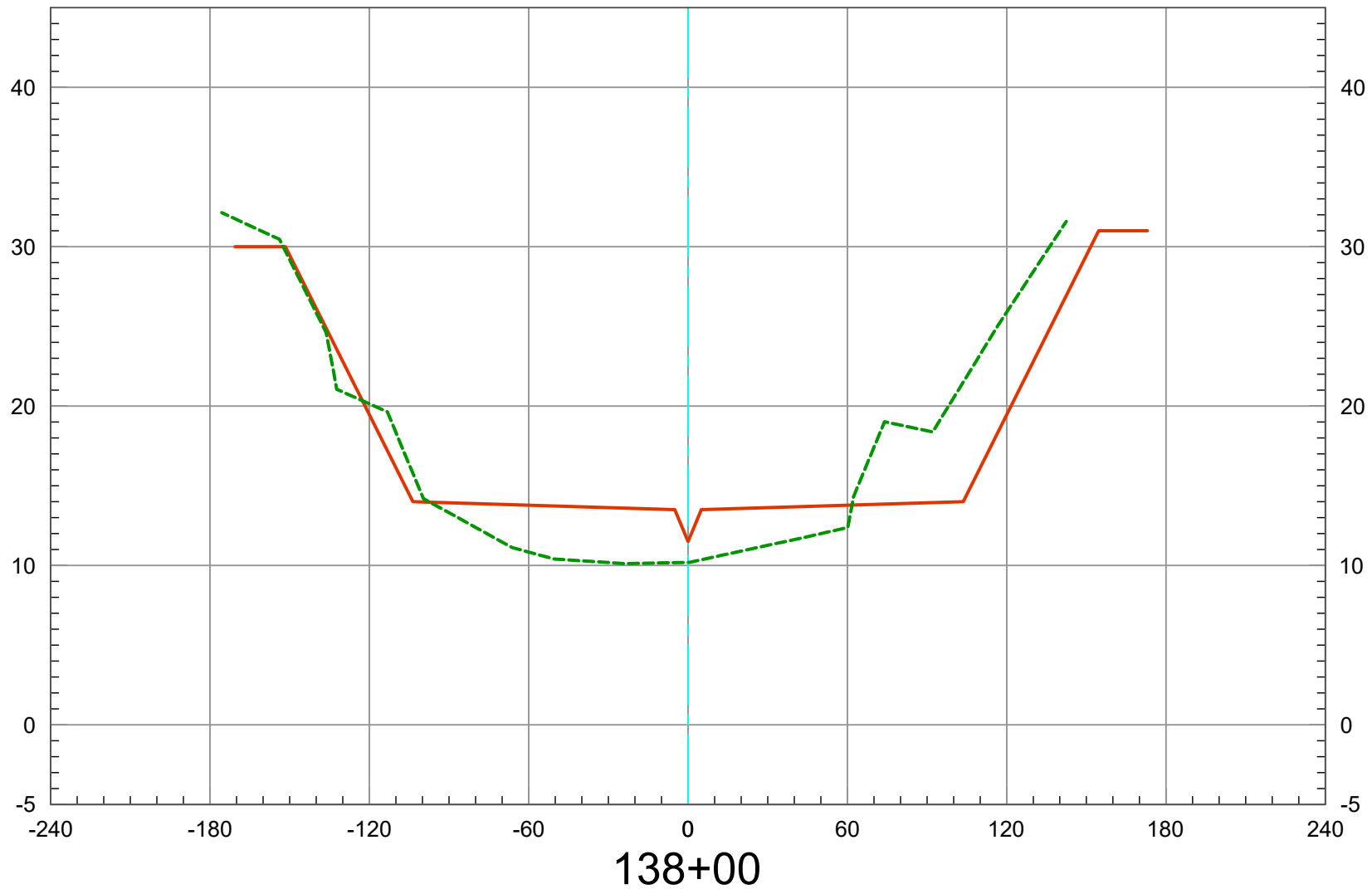
SAN DIEGO CREEK (F05) REACH 1 - 2022 SCOURS CL



2022 O.C.S. Topography -----
Record Drawings —————

Vert. Scale: 1" = 10'
Horiz. Scale: 1" = 60'

SAN DIEGO CREEK (F05) REACH 1 - 2022 SCOURS CL

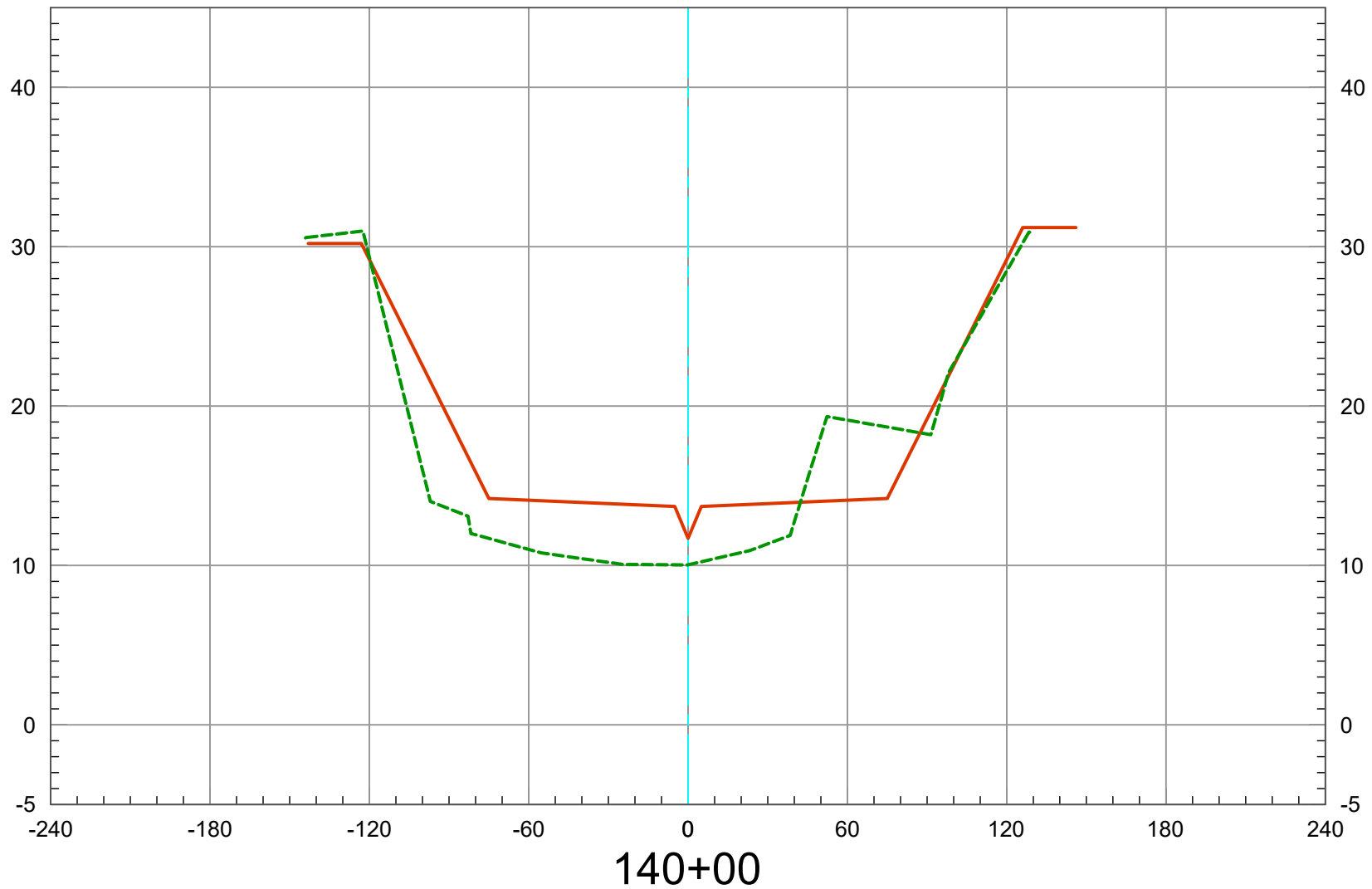


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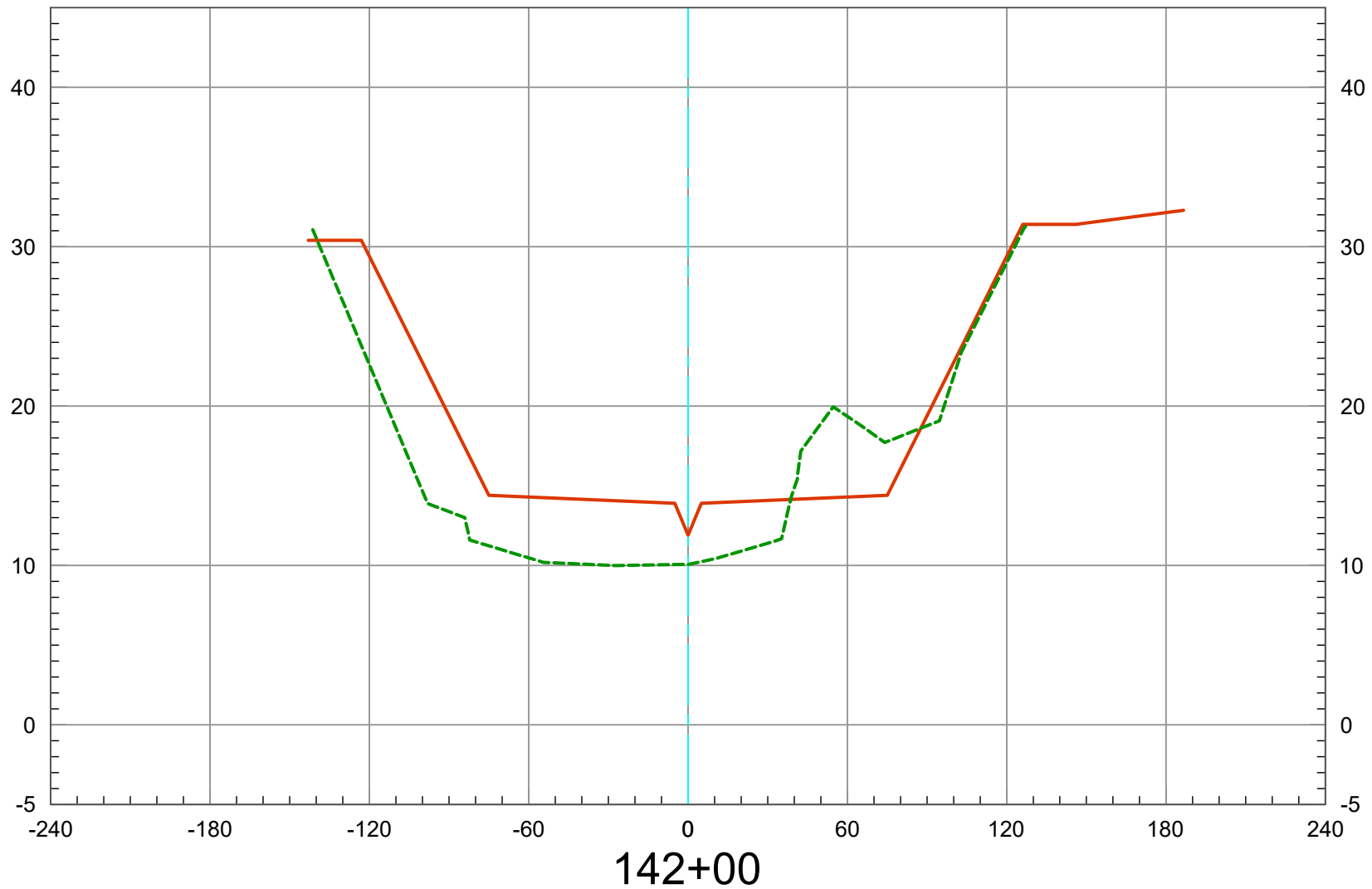
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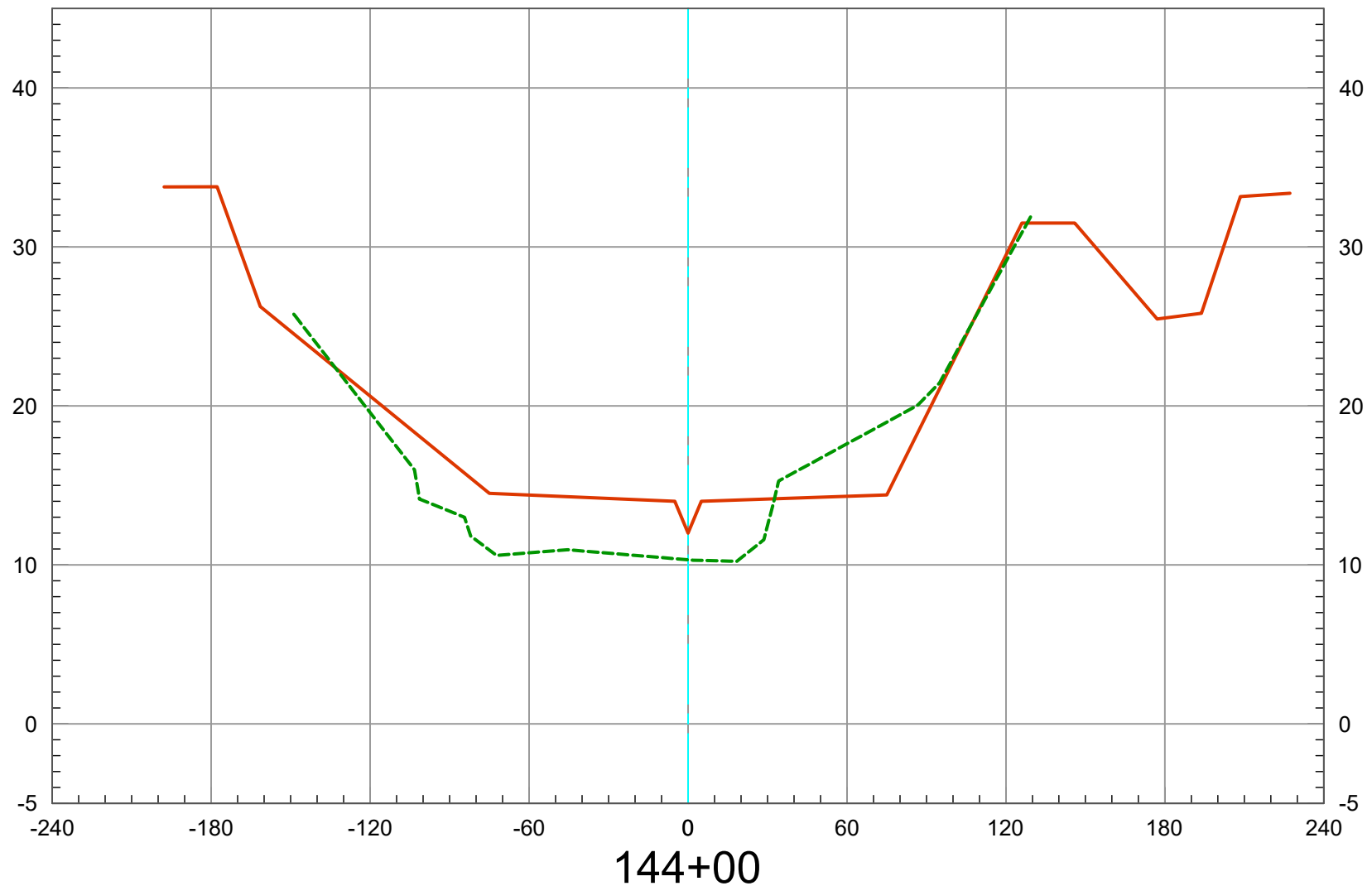


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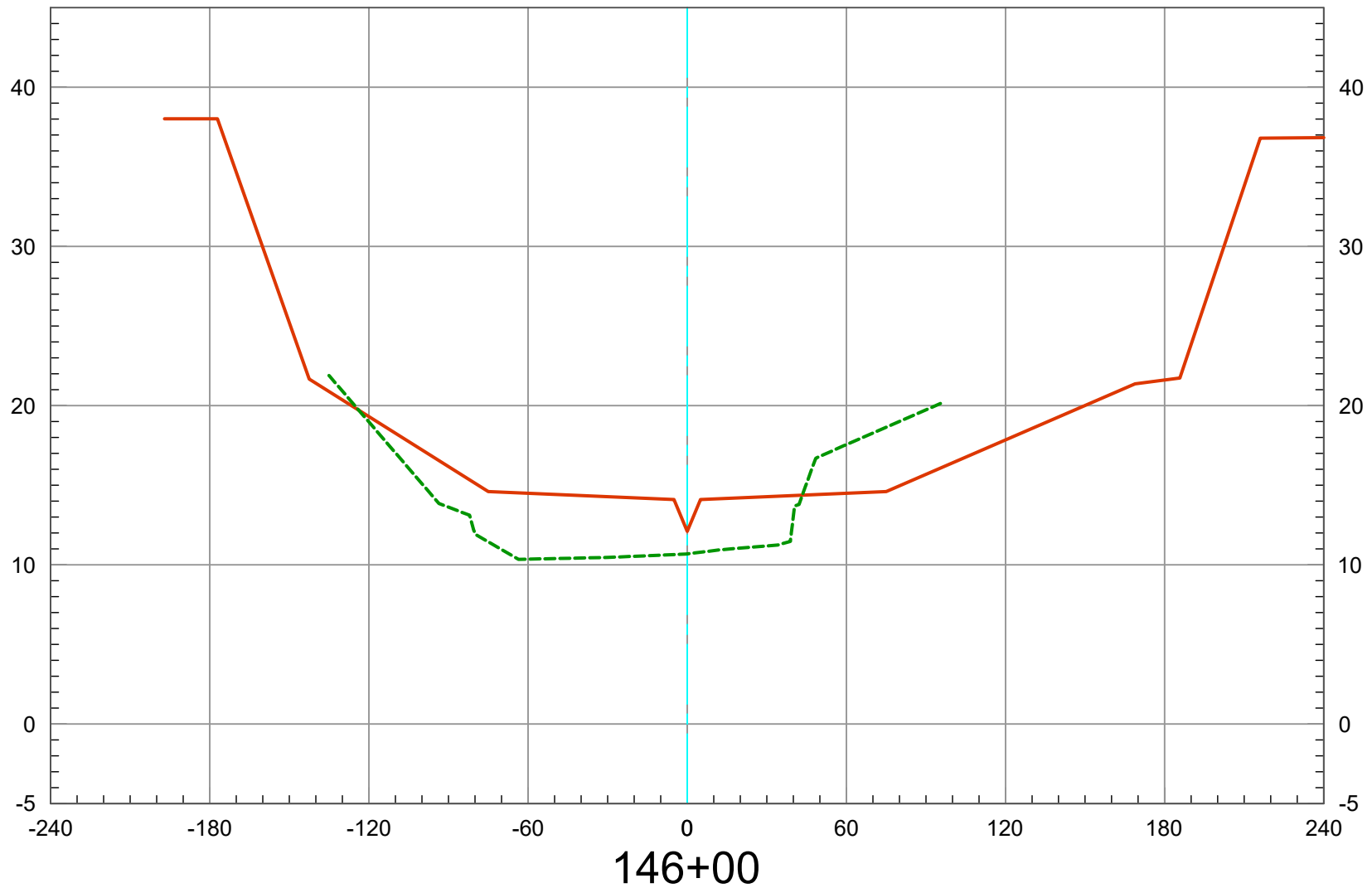
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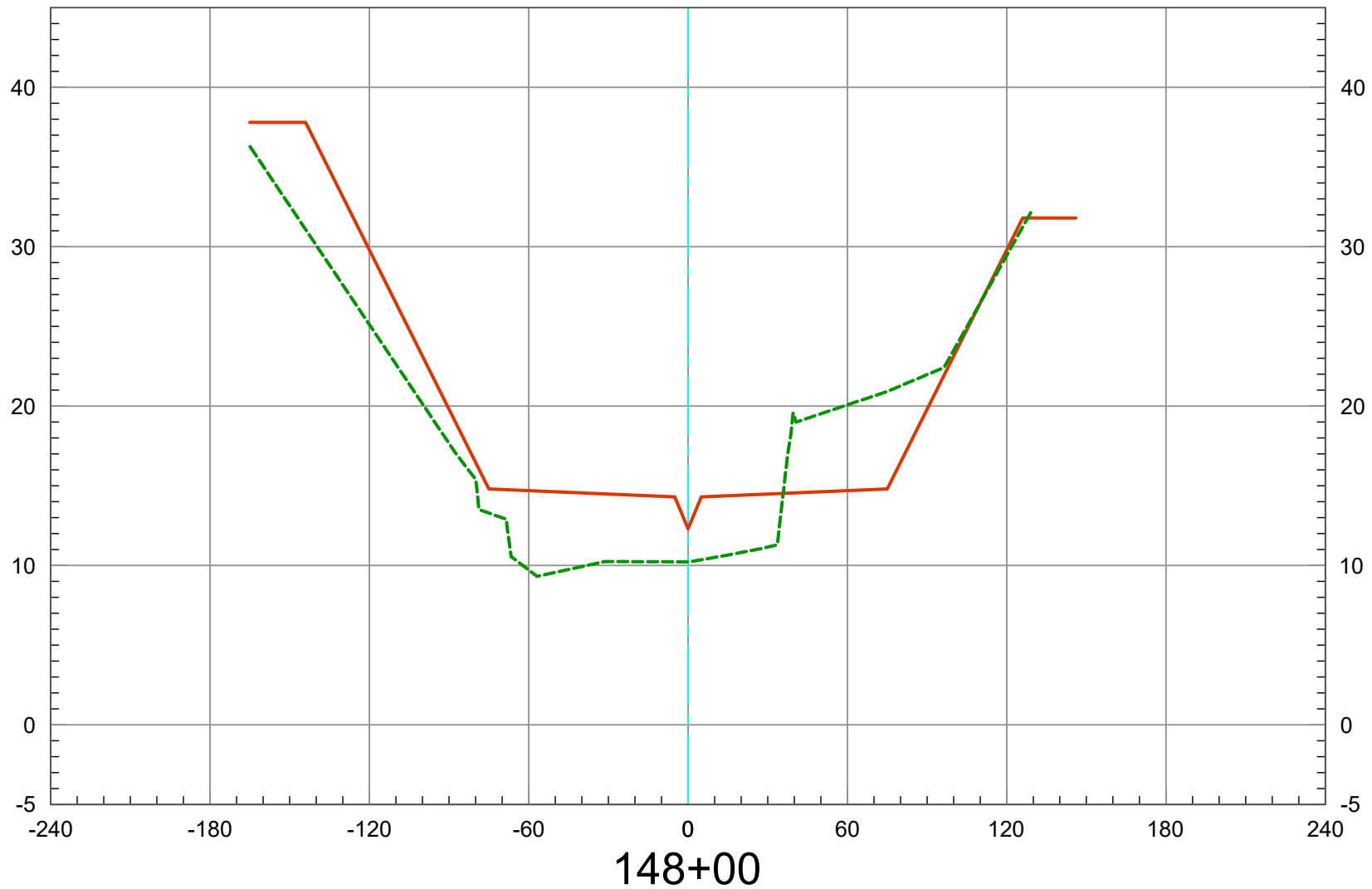


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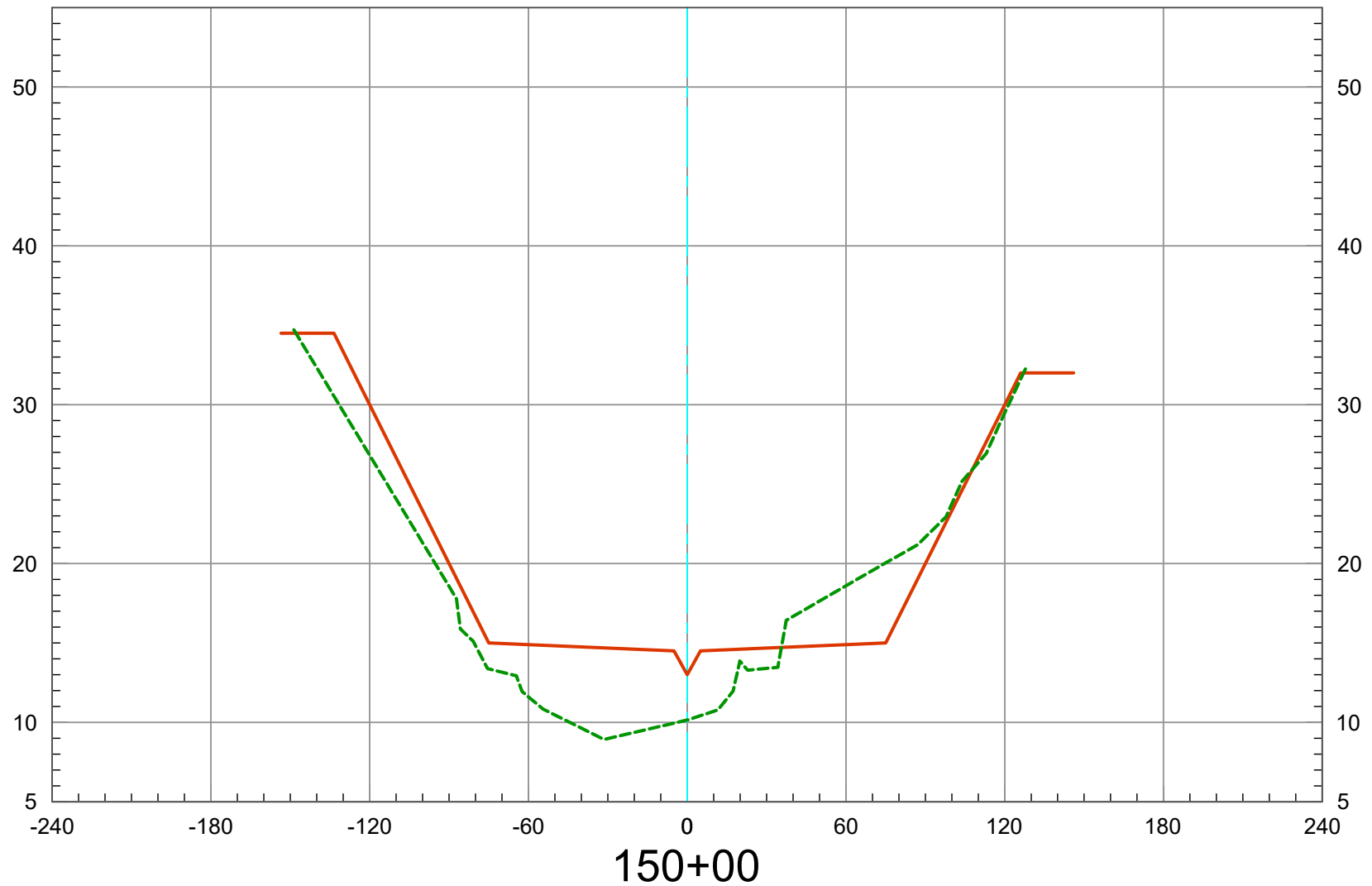


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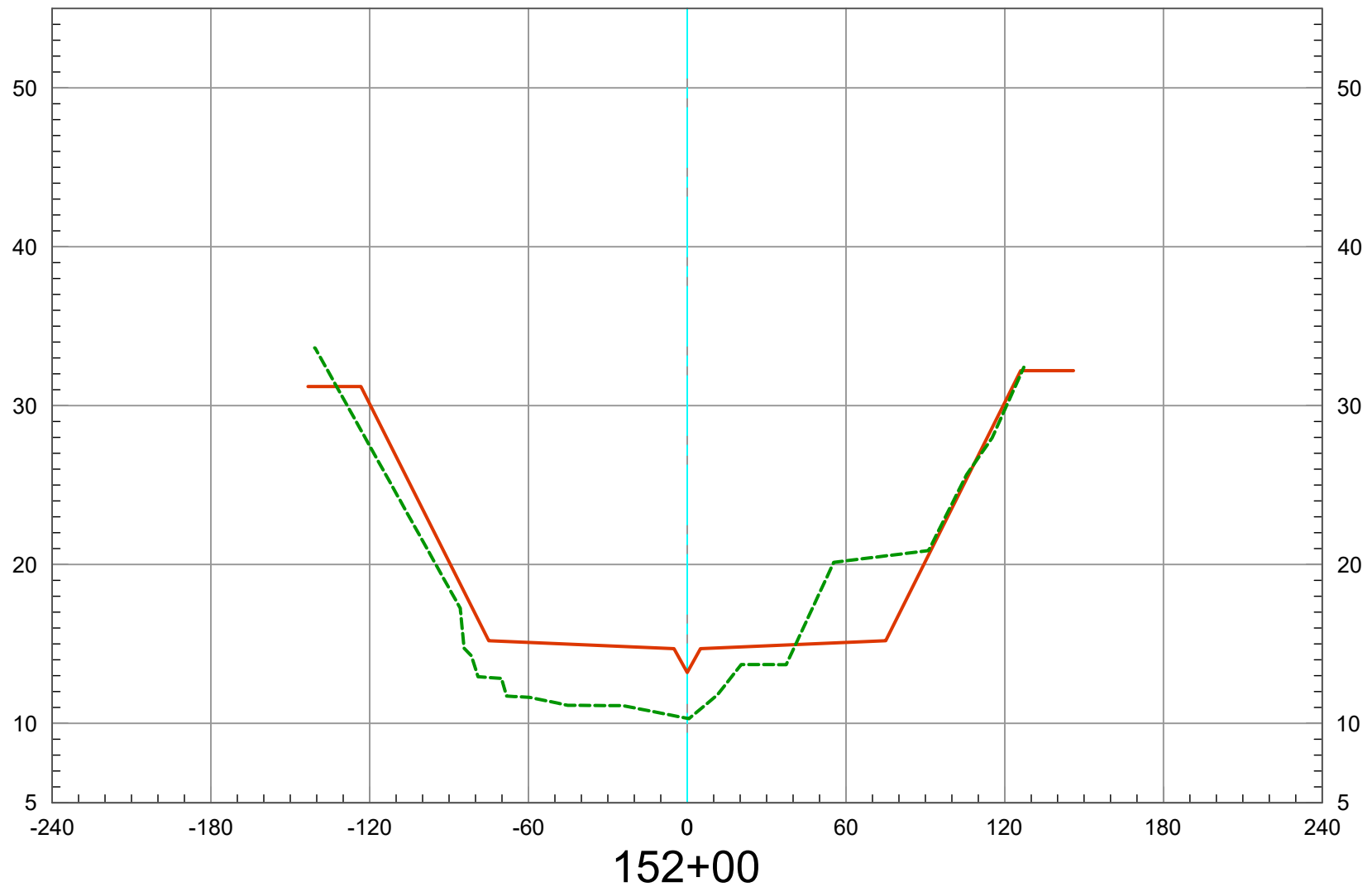
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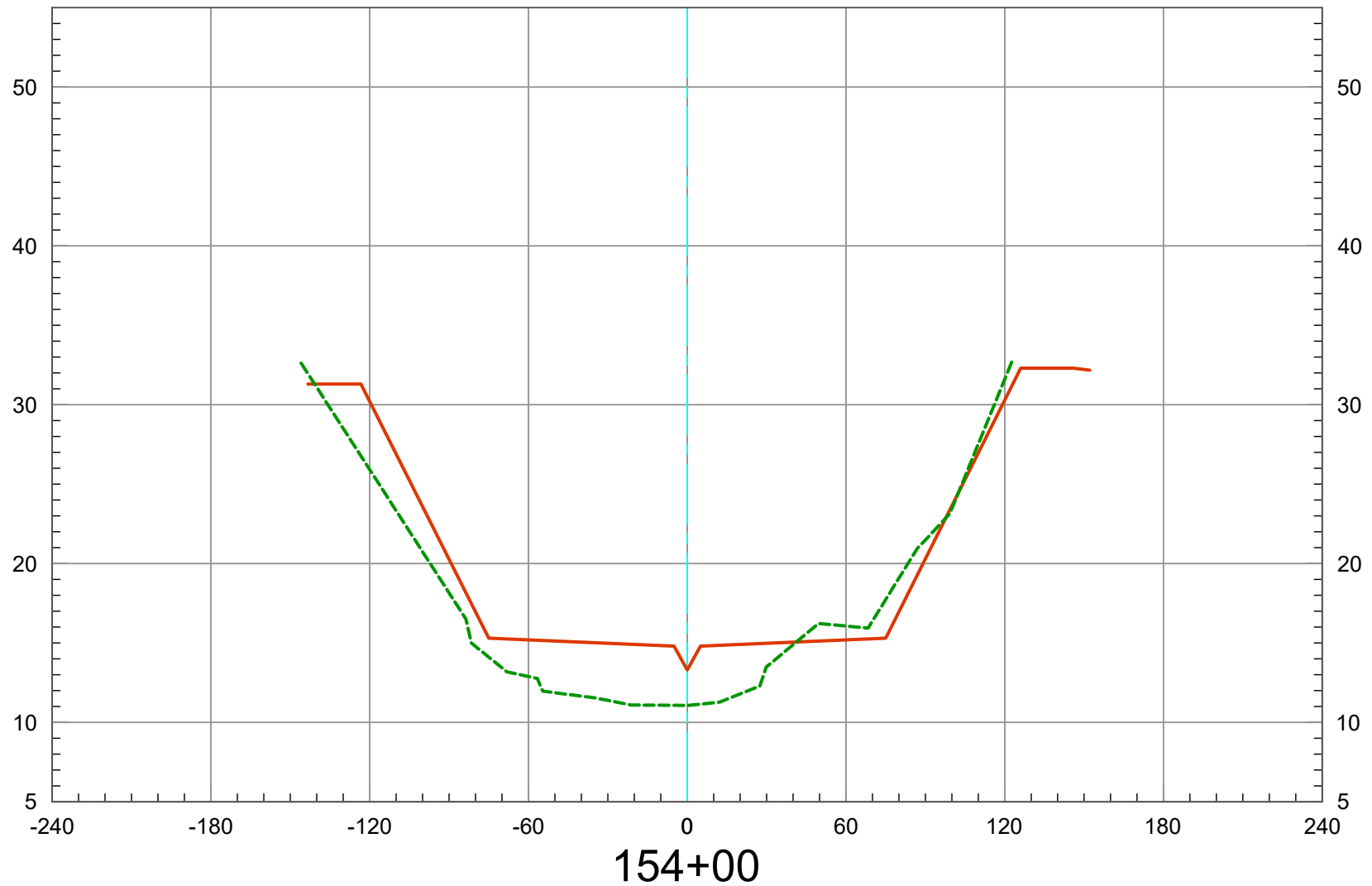
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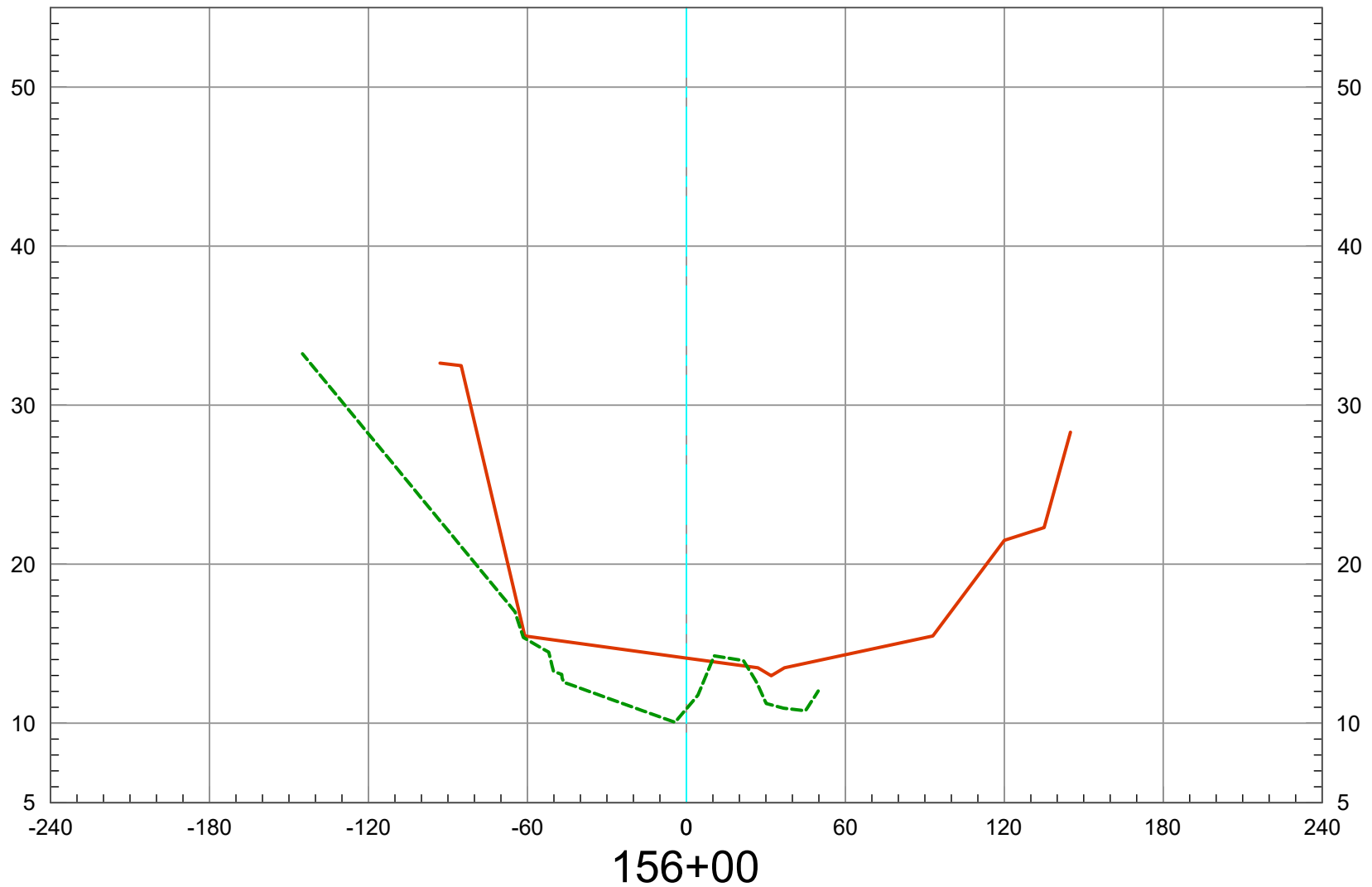


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