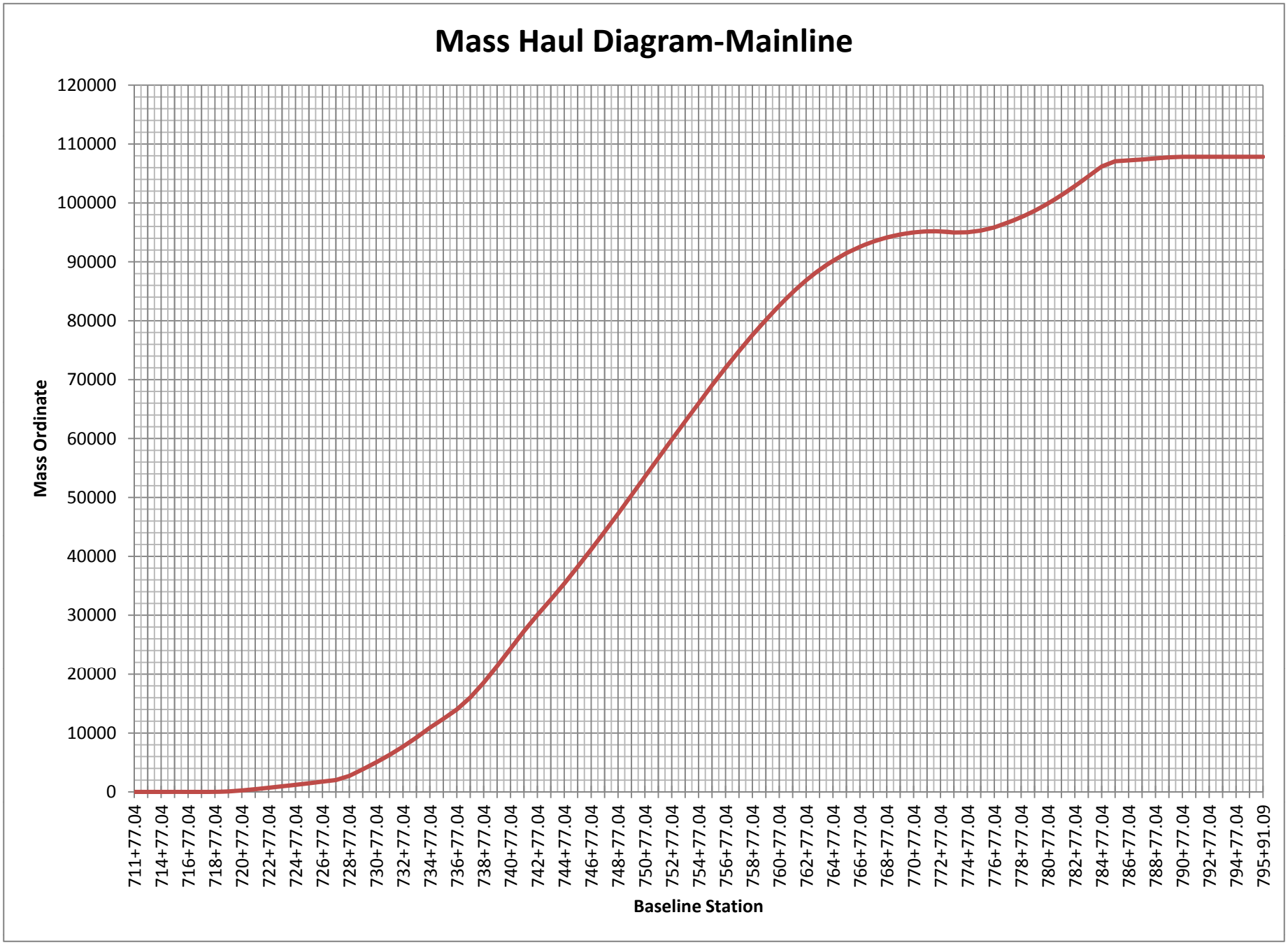
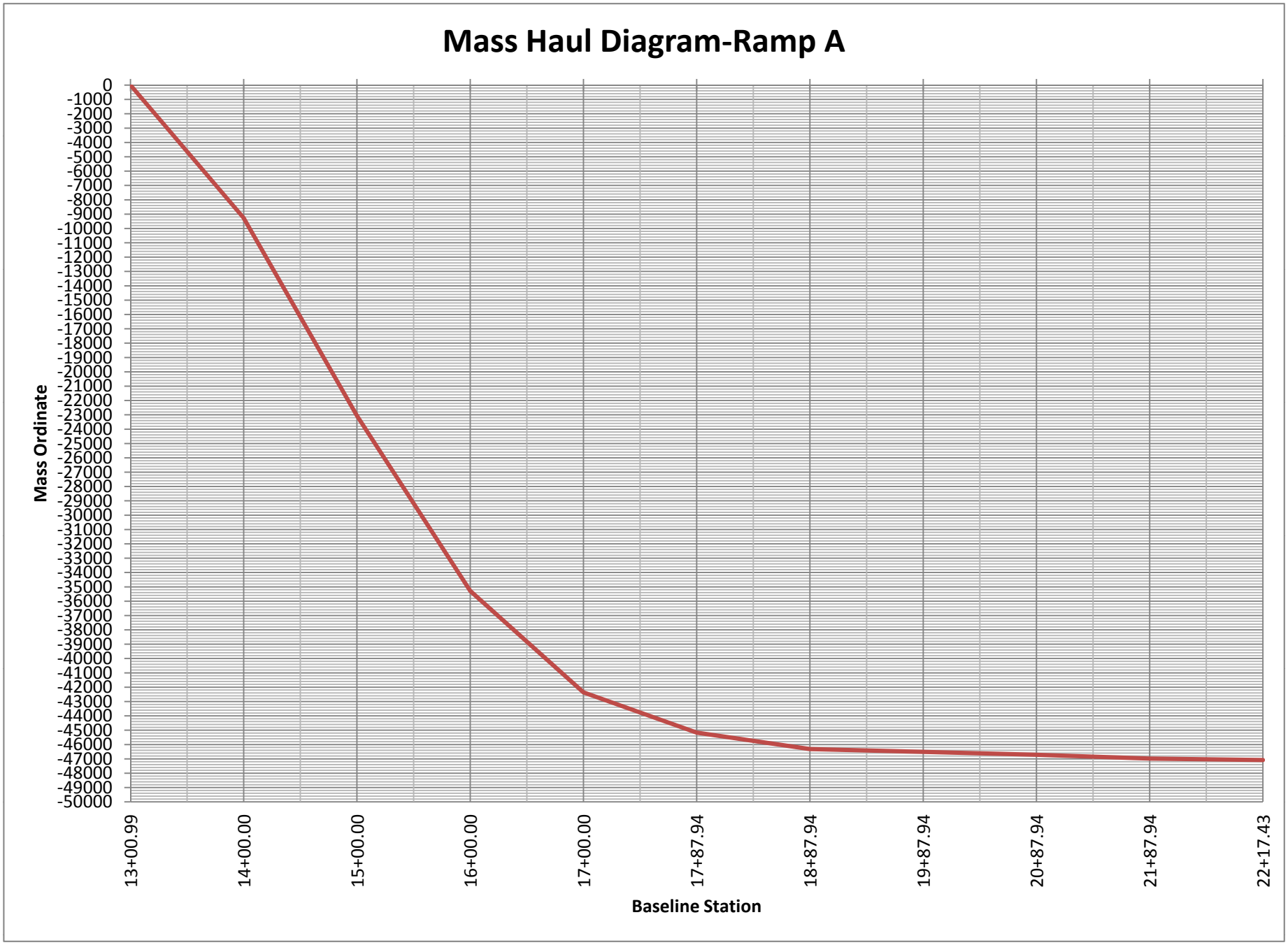
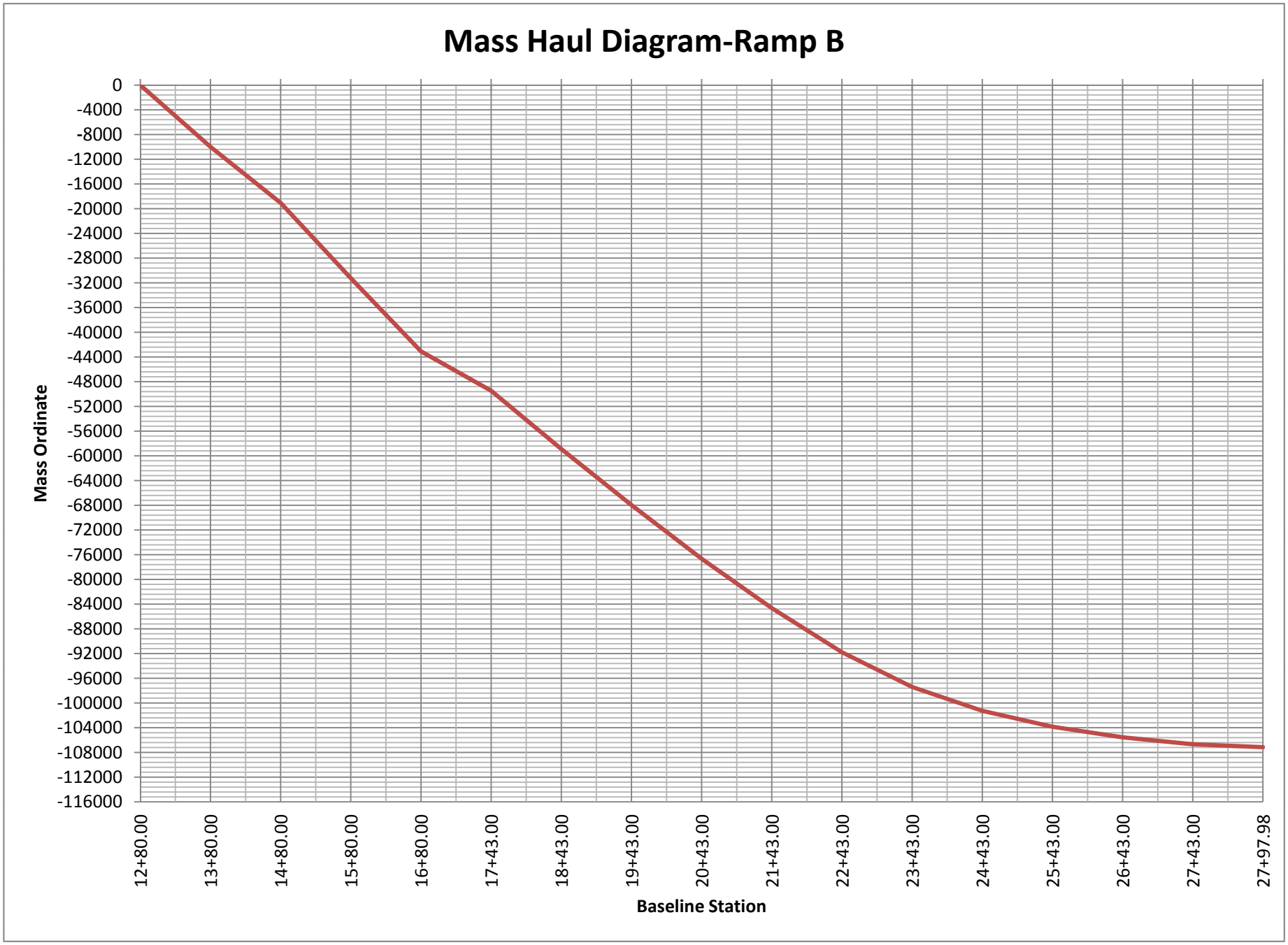
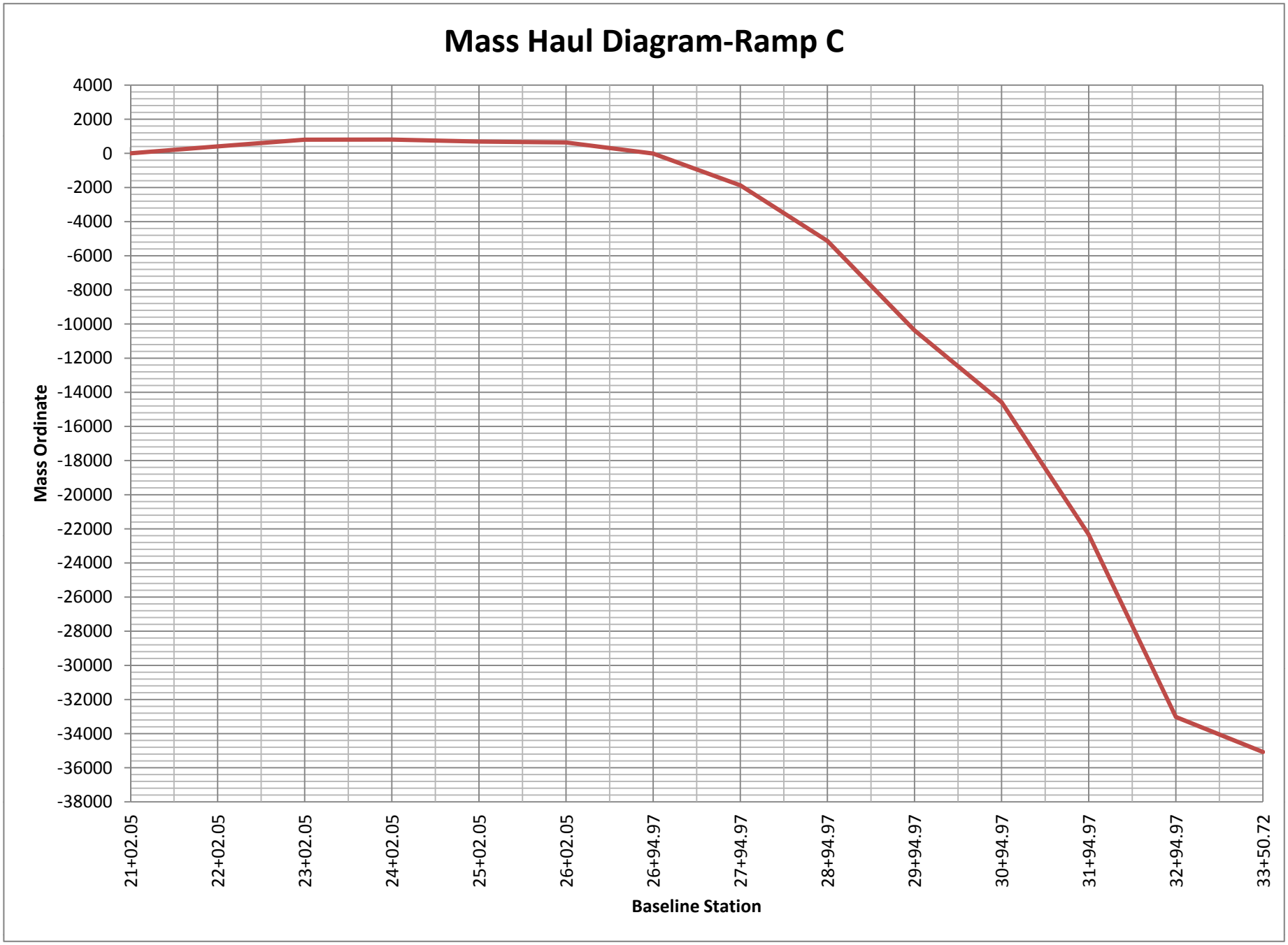
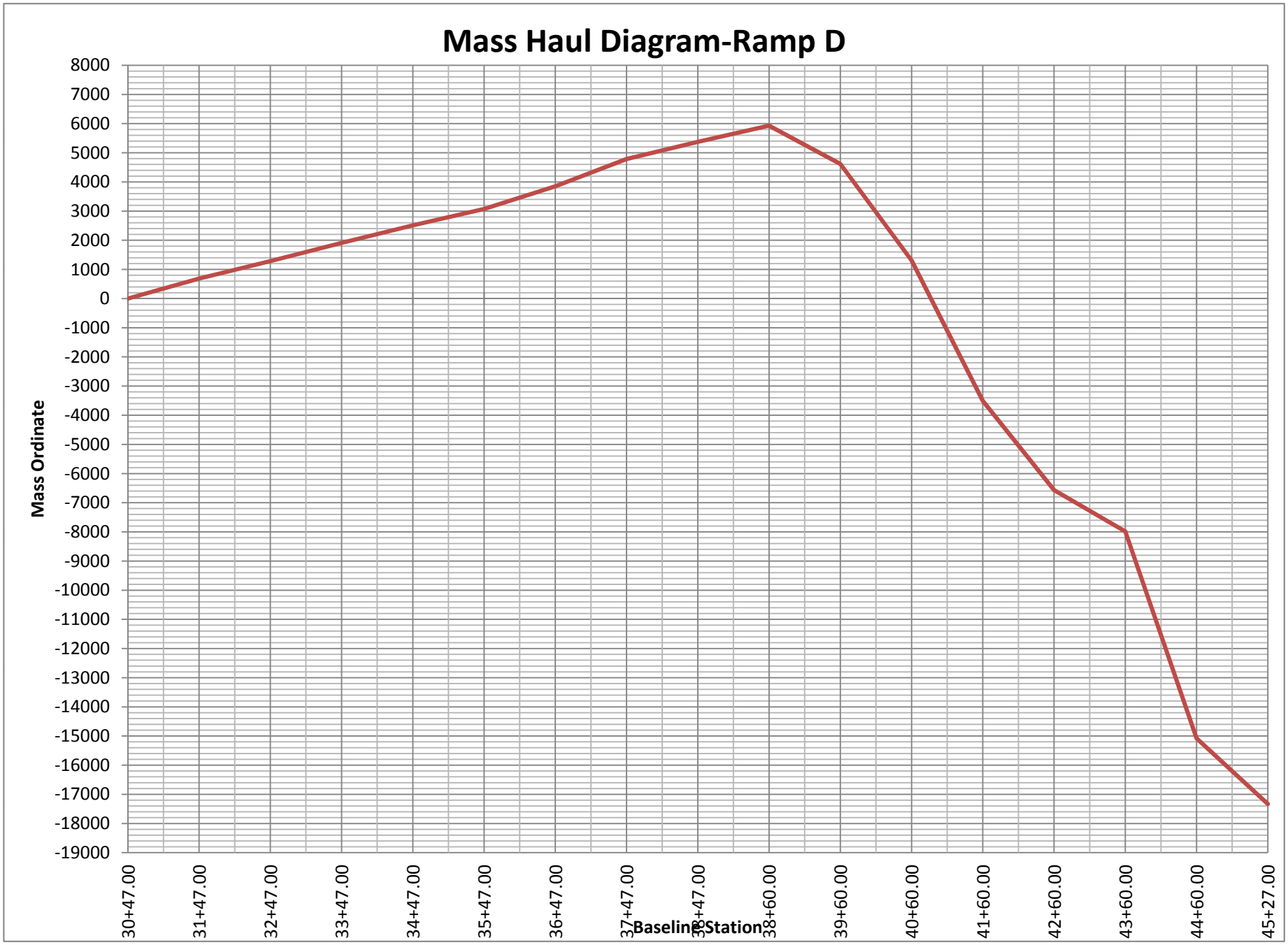
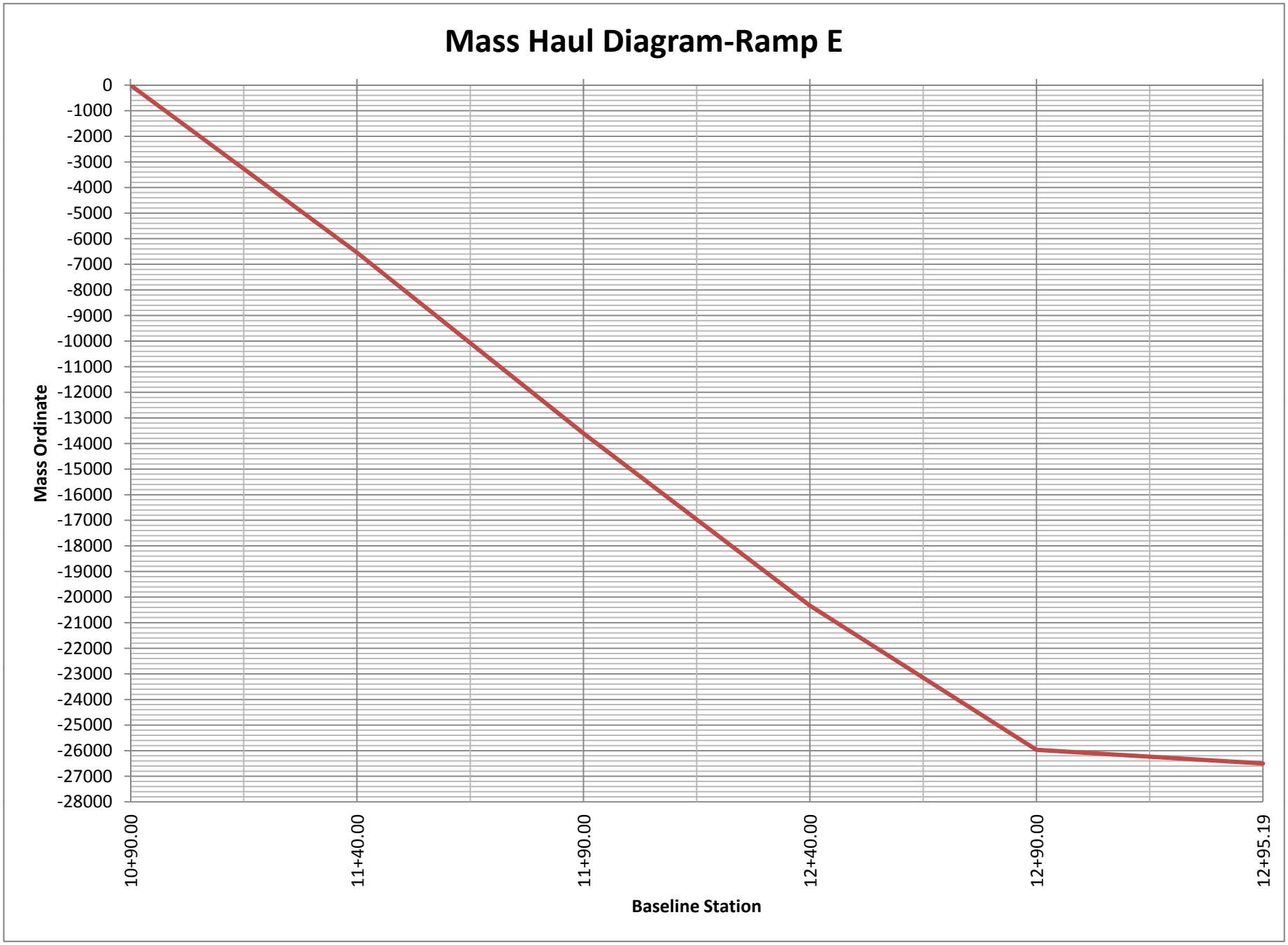

Mass Haul Diagram-Mainline
Mass Ordinate
120000
110000
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
711+77.04
714+77.04
716+77.04
718+77.04
720+77.04
722+77.04
724+77.04
726+77.04
728+77.04
730+77.04
732+77.04
734+77.04
736+77.04
738+77.04
740+77.04
742+77.04
744+77.04
746+77.04
748+77.04
750+77.04
752+77.04
754+77.04
756+77.04
758+77.04
760+77.04
762+77.04
764+77.04
766+77.04
768+77.04
770+77.04
772+77.04
774+77.04
776+77.04
778+77.04
780+77.04
782+77.04
784+77.04
786+77.04
788+77.04
790+77.04
792+77.04
794+77.04
795+91.09
Baseline Station

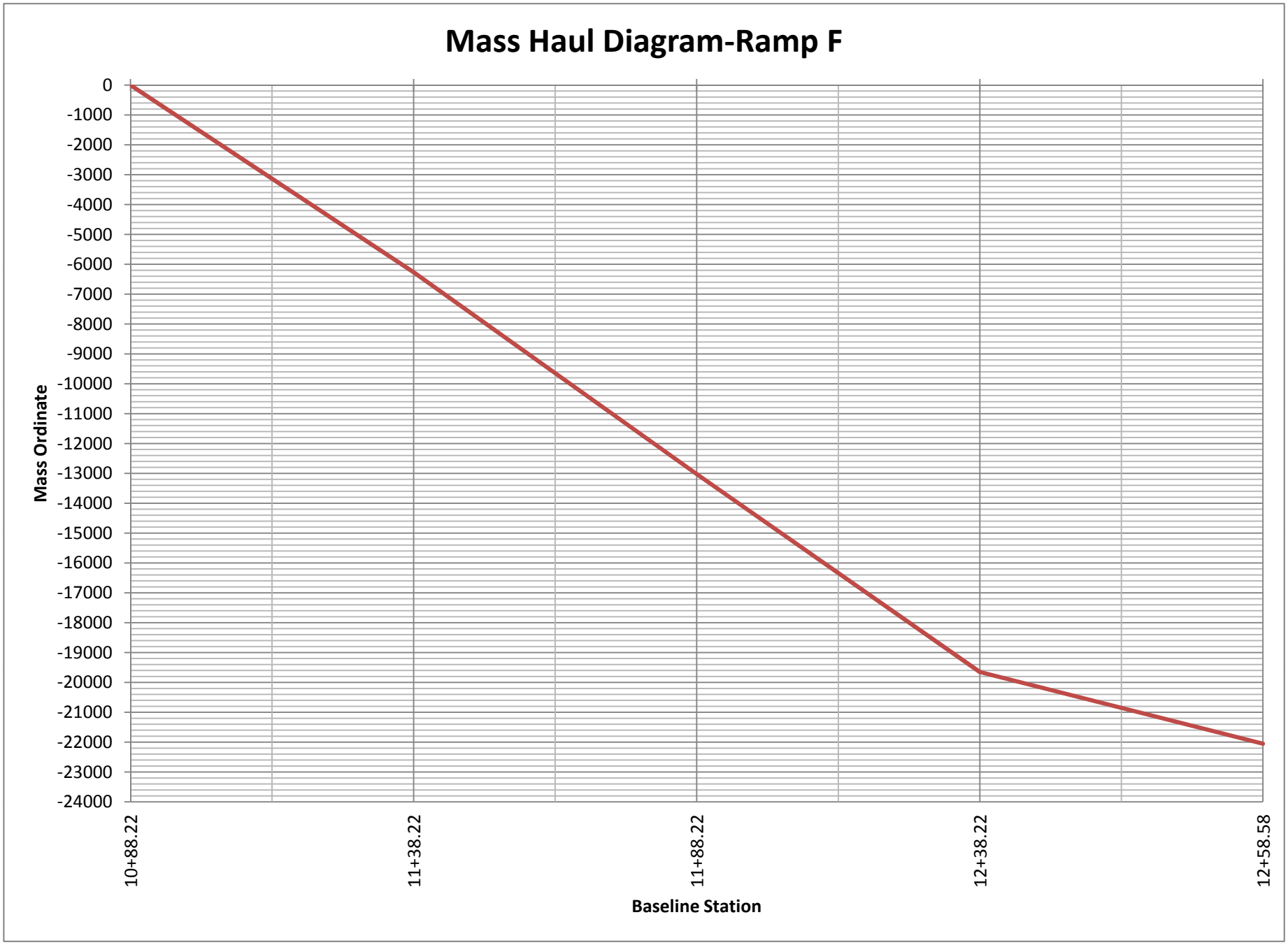

Mass Haul Diagram-Ramp A
Mass Ordinate
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
-11000
-12000
-13000
-14000
-15000
-16000
-17000
-18000
-19000
-20000
-21000
-22000
-23000
-24000
-25000
-26000
-27000
-28000
-29000
-30000
-31000
-32000
-33000
-34000
-35000
-36000
-37000
-38000
-39000
-40000
-41000
-42000
-43000
-44000
-45000
-46000
-47000
-48000
-49000
-50000
13+00.99
14+00.00
15+00.00
16+00.00
17+00.00
17+87.94
18+87.94
19+87.94
20+87.94
21+87.94
22+17.43
Baseline Station

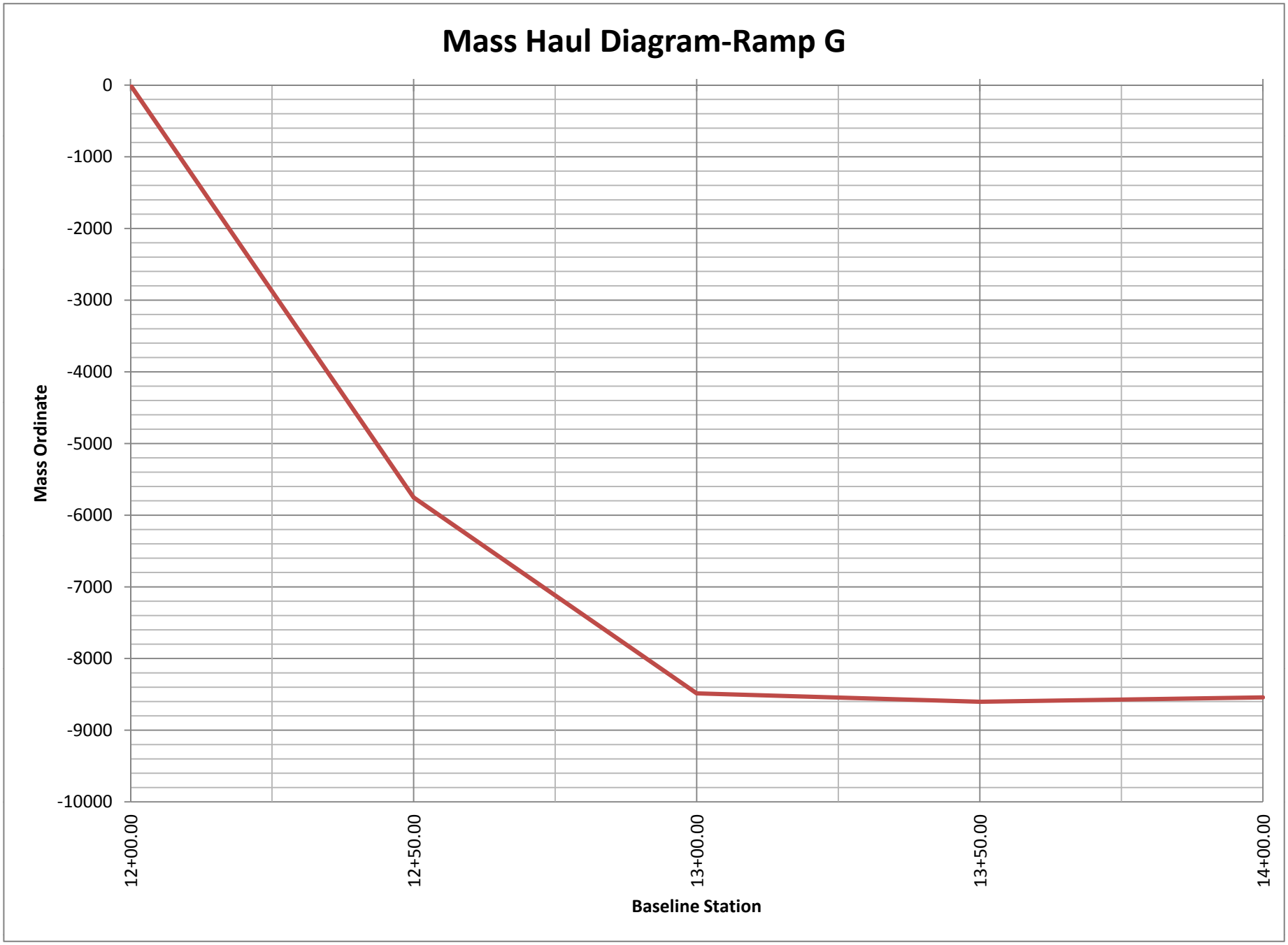

Mass Haul Diagram-Ramp B
Mass Ordinate
0
-4000
-8000
-12000
-16000
-20000
-24000
-28000
-32000
-36000
-40000
-44000
-48000
-52000
-56000
-60000
-64000
-68000
-72000
-76000
-80000
-84000
-88000
-92000
-96000
-100000
-104000
-108000
-112000
-116000
12+80.00
13+80.00
14+80.00
15+80.00
16+80.00
17+43.00
18+43.00
19+43.00
20+43.00
21+43.00
22+43.00
23+43.00
24+43.00
25+43.00
26+43.00
27+43.00
27+97.98
Baseline Station

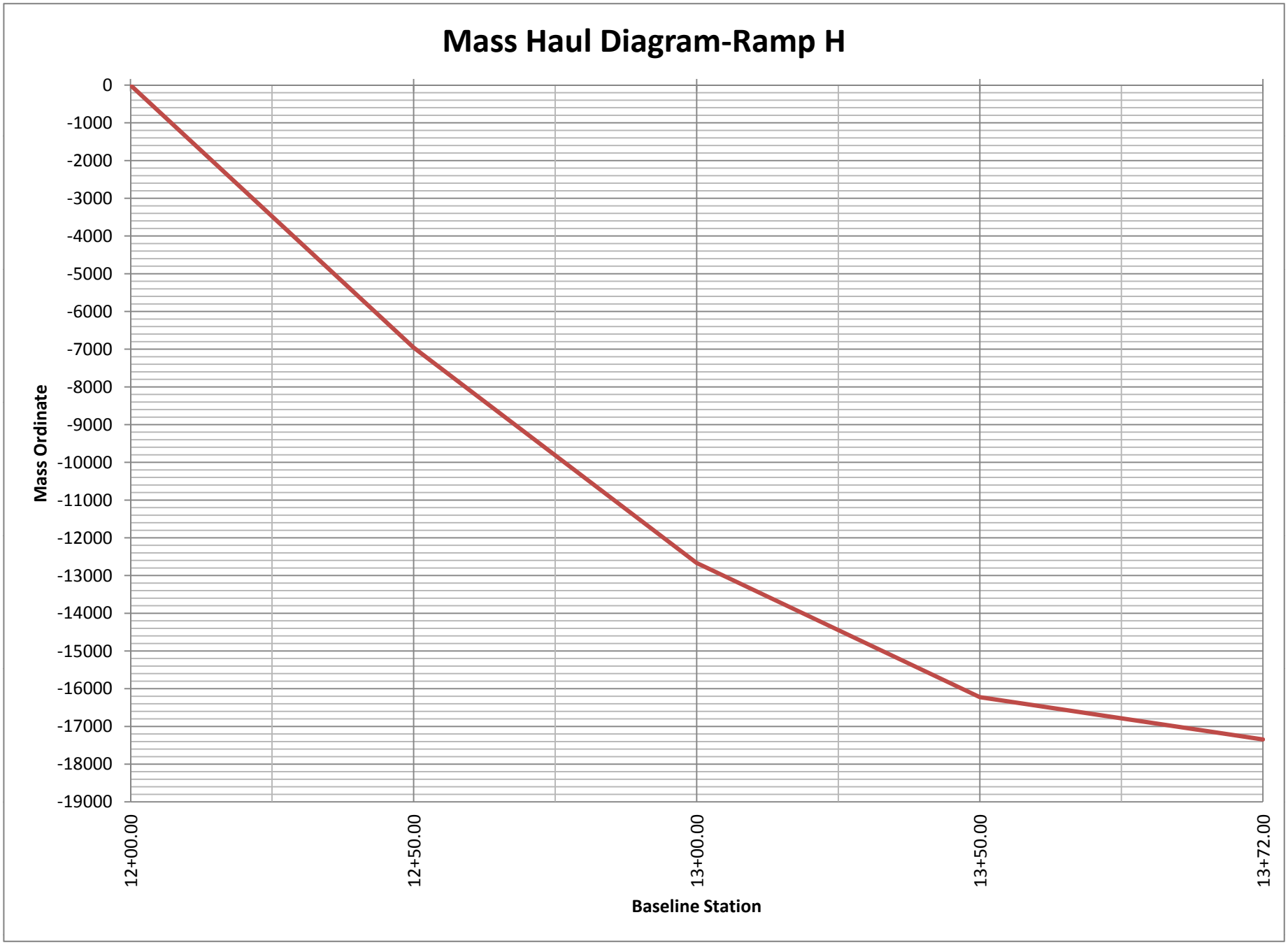

Mass Haul Diagram-Ramp C
Mass Ordinate
4000
2000
0
-2000
-4000
-6000
-8000
-10000
-12000
-14000
-16000
-18000
-20000
-22000
-24000
-26000
-28000
-30000
-32000
-34000
-36000
-38000
21+02.05
22+02.05
23+02.05
24+02.05
25+02.05
26+02.05
26+94.97
27+94.97
28+94.97
29+94.97
30+94.97
31+94.97
32+94.97
33+50.72
Baseline Station

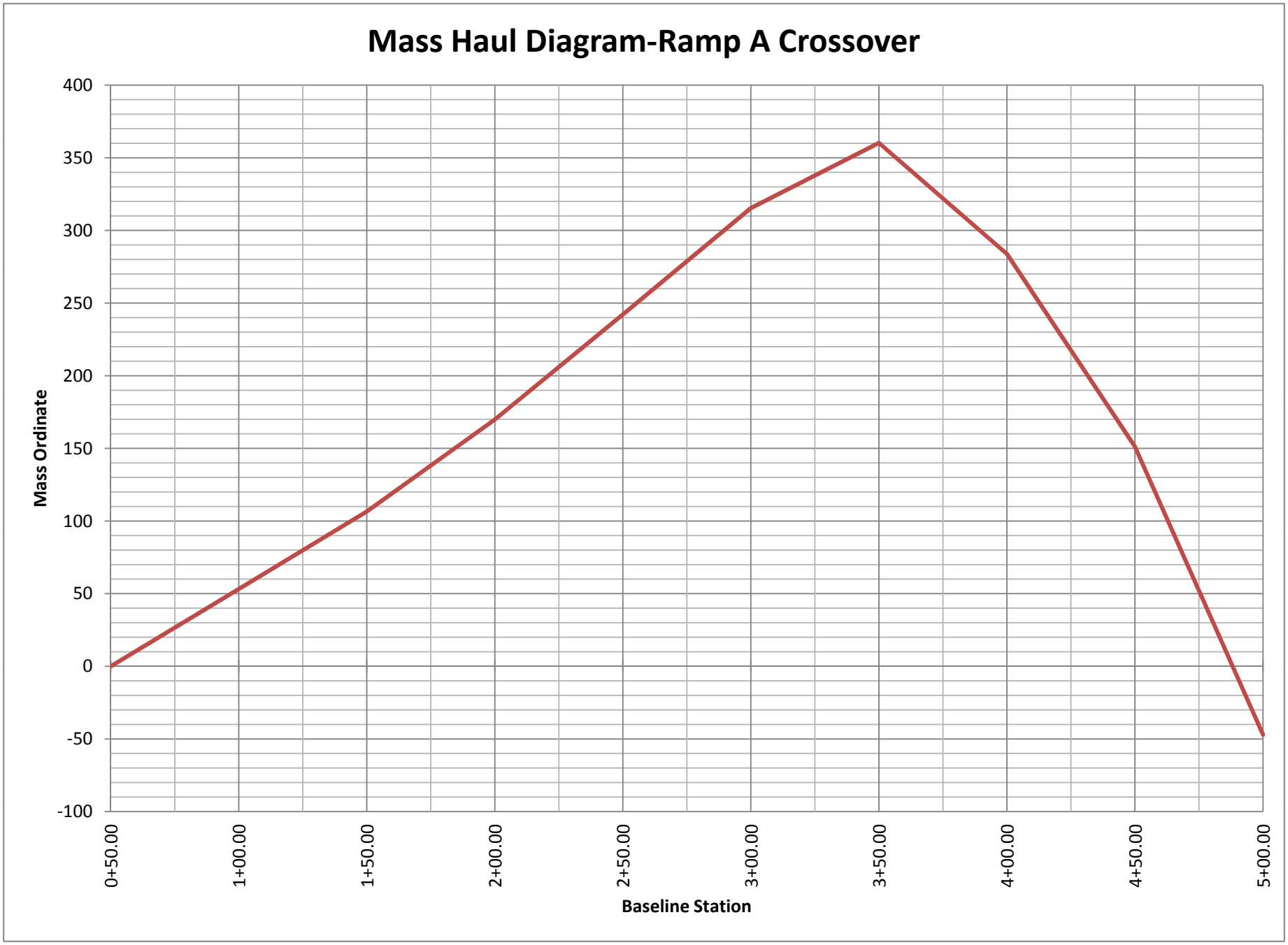

Mass Haul Diagram-Ramp D
Mass Ordinate
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
-11000
-12000
-13000
-14000
-15000
-16000
-17000
-18000
-19000
30+47.00
31+47.00
32+47.00
33+47.00
34+47.00
35+47.00
36+47.00
37+47.00
38+47.00
38+60.00
39+60.00
40+60.00
41+60.00
42+60.00
43+60.00
44+60.00
45+27.00
Baseline Station

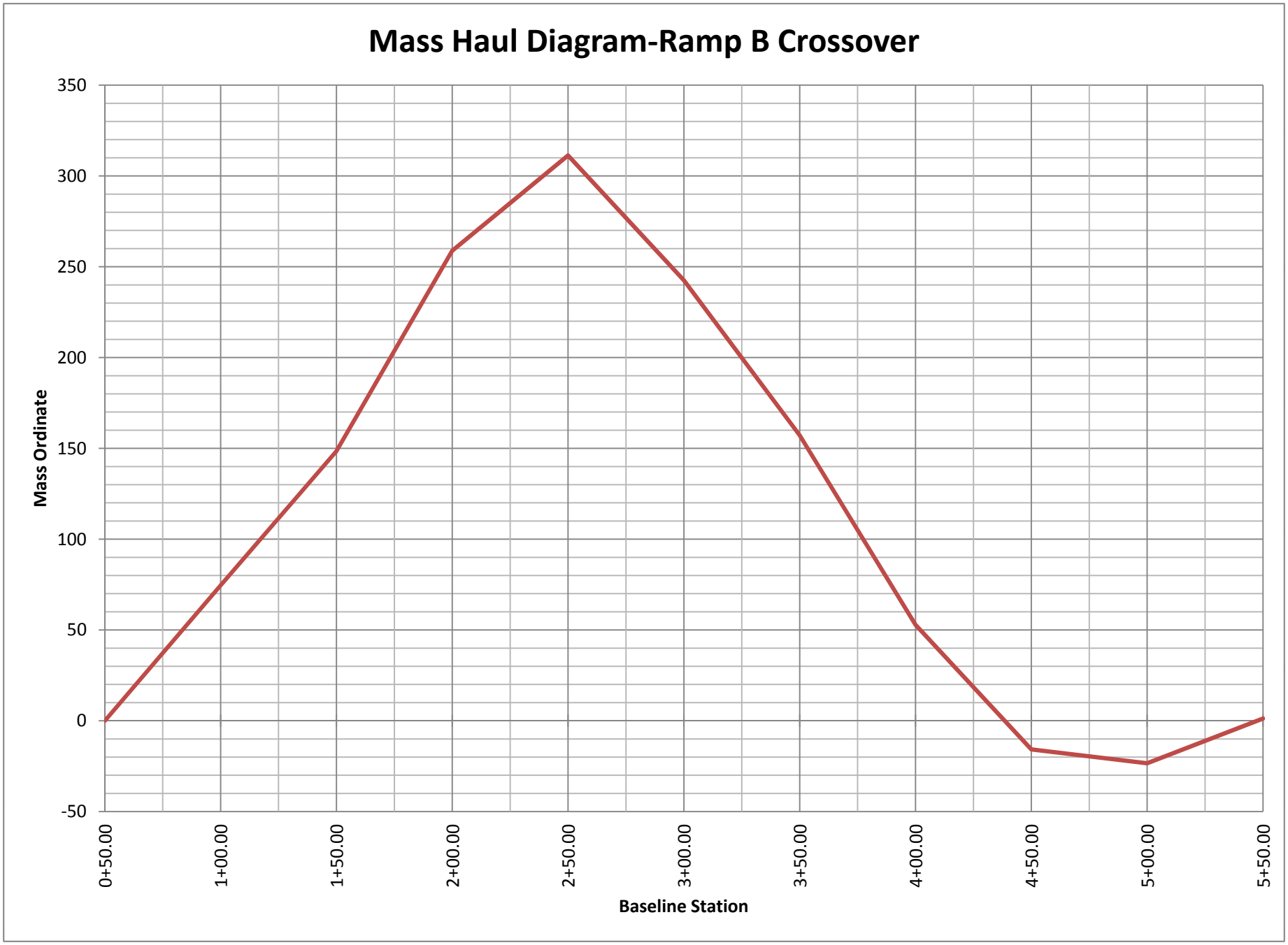

Mass Haul Diagram-Ramp E
Mass Ordinate
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
-11000
-12000
-13000
-14000
-15000
-16000
-17000
-18000
-19000
-20000
-21000
-22000
-23000
-24000
-25000
-26000
-27000
-28000
10+90.00
11+40.00
11+90.00
12+40.00
12+90.00
12+95.19
Baseline Station

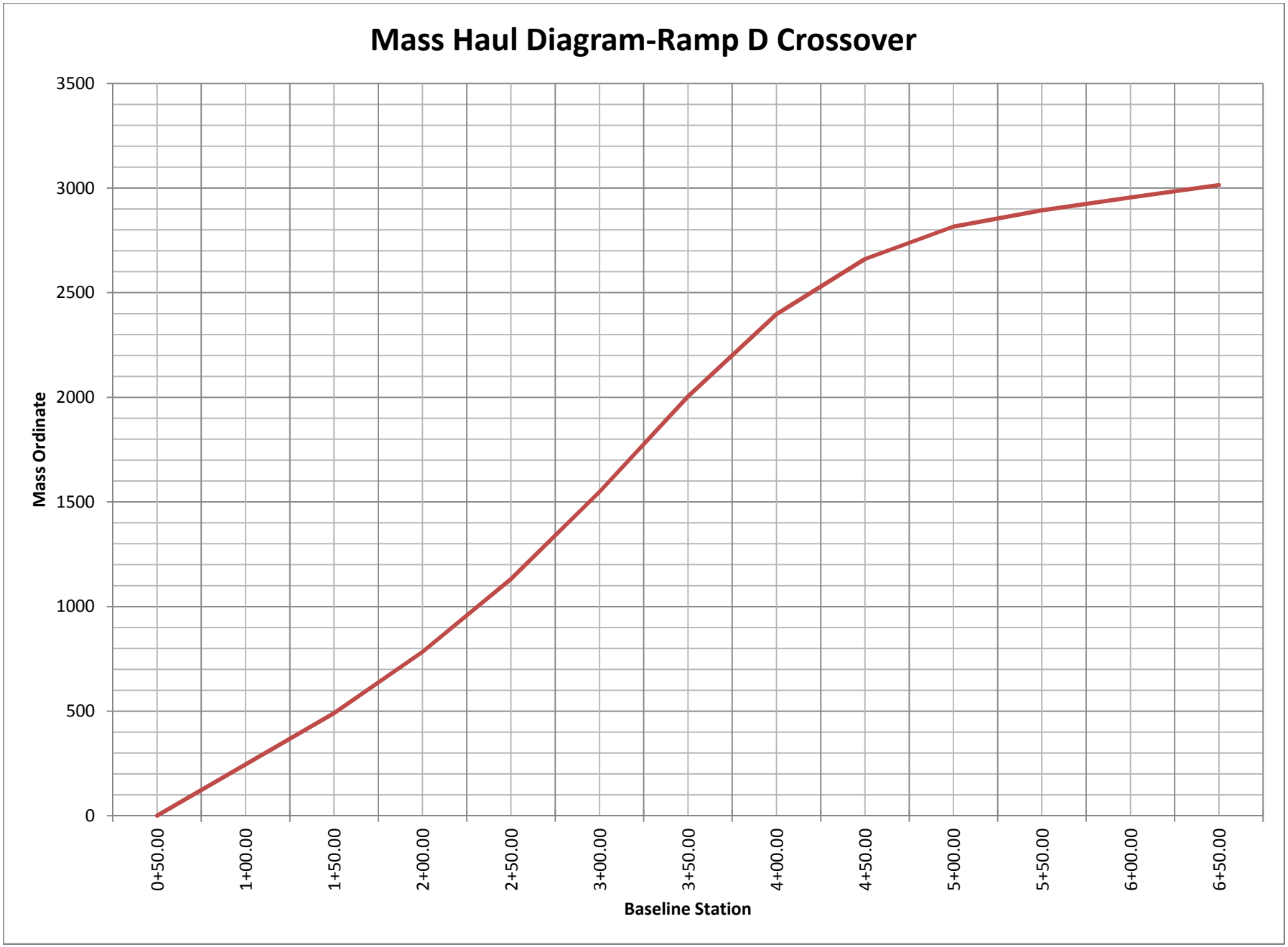

Mass Haul Diagram-Ramp F
Mass Ordinate
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
-11000
-12000
-13000
-14000
-15000
-16000
-17000
-18000
-19000
-20000
-21000
-22000
-23000
-24000
10+88.22
11+38.22
11+88.22
12+38.22
12+58.58
Baseline Station

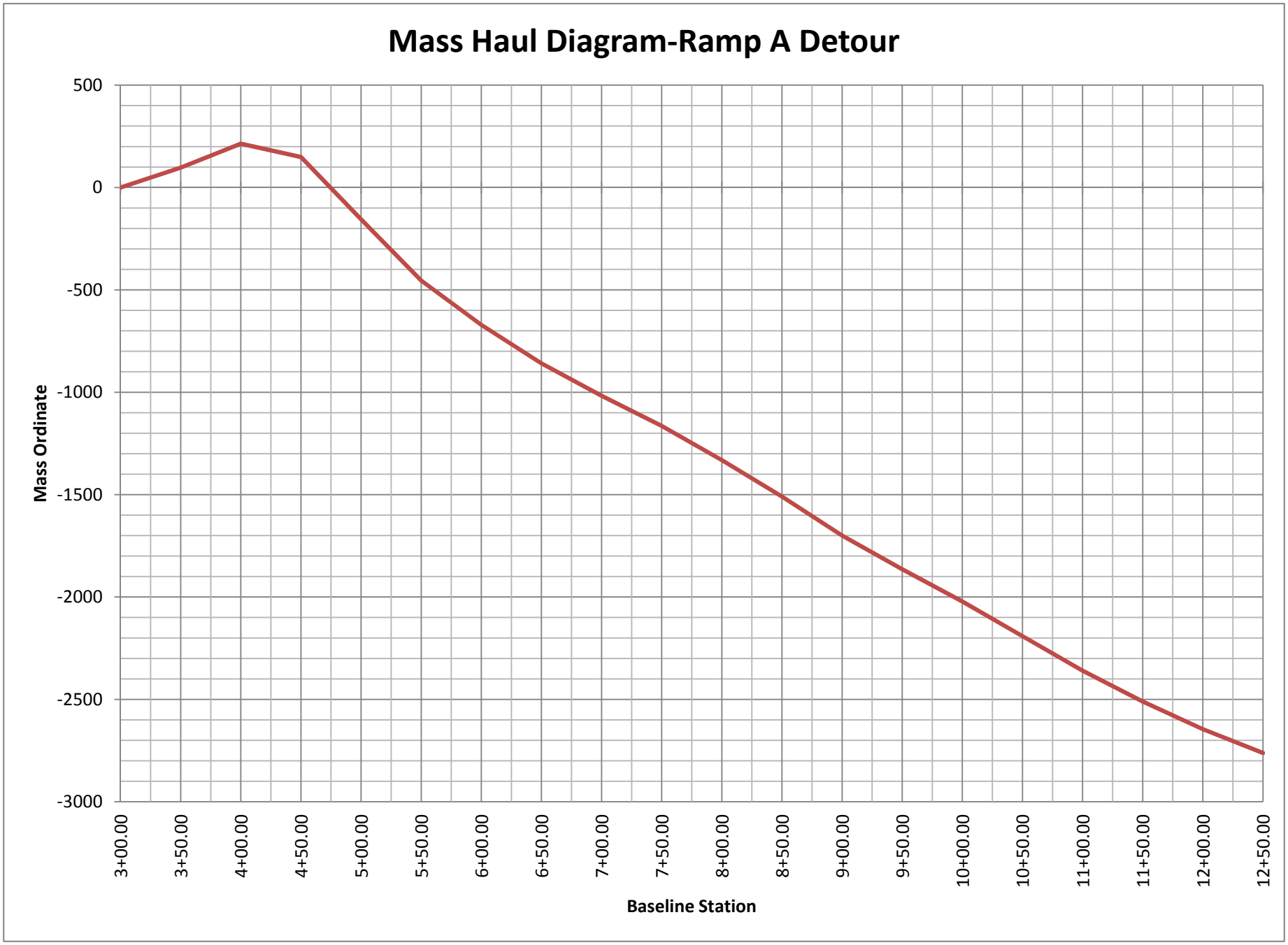

Mass Haul Diagram-Ramp G
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
Mass Ordinate
12+00.00
12+50.00
13+00.00
13+50.00
14+00.00
Baseline Station

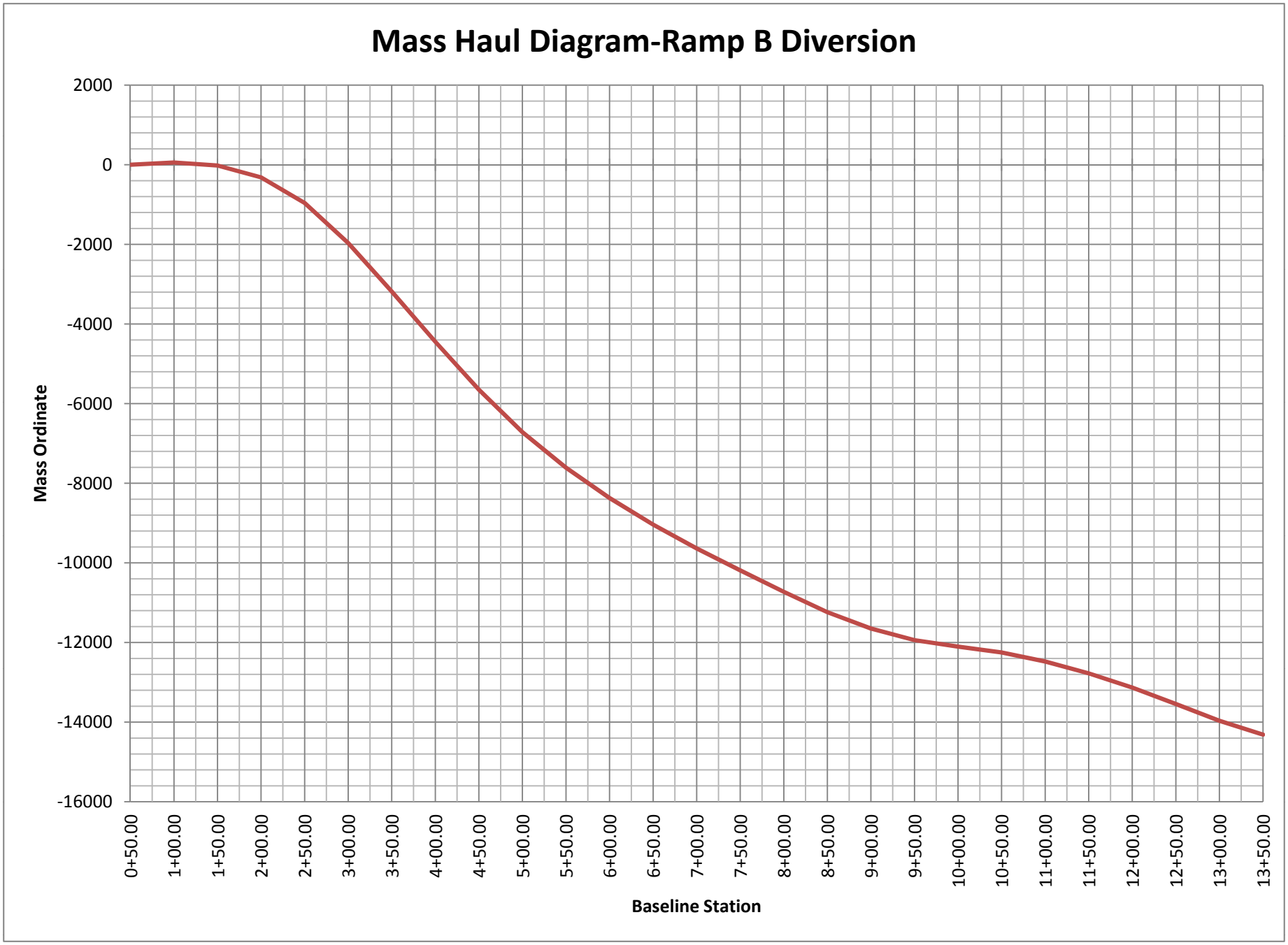

Mass Haul Diagram-Ramp H
Mass Ordinate
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
-11000
-12000
-13000
-14000
-15000
-16000
-17000
-18000
-19000
12+00.00
12+50.00
13+00.00
13+50.00
13+72.00
Baseline Station

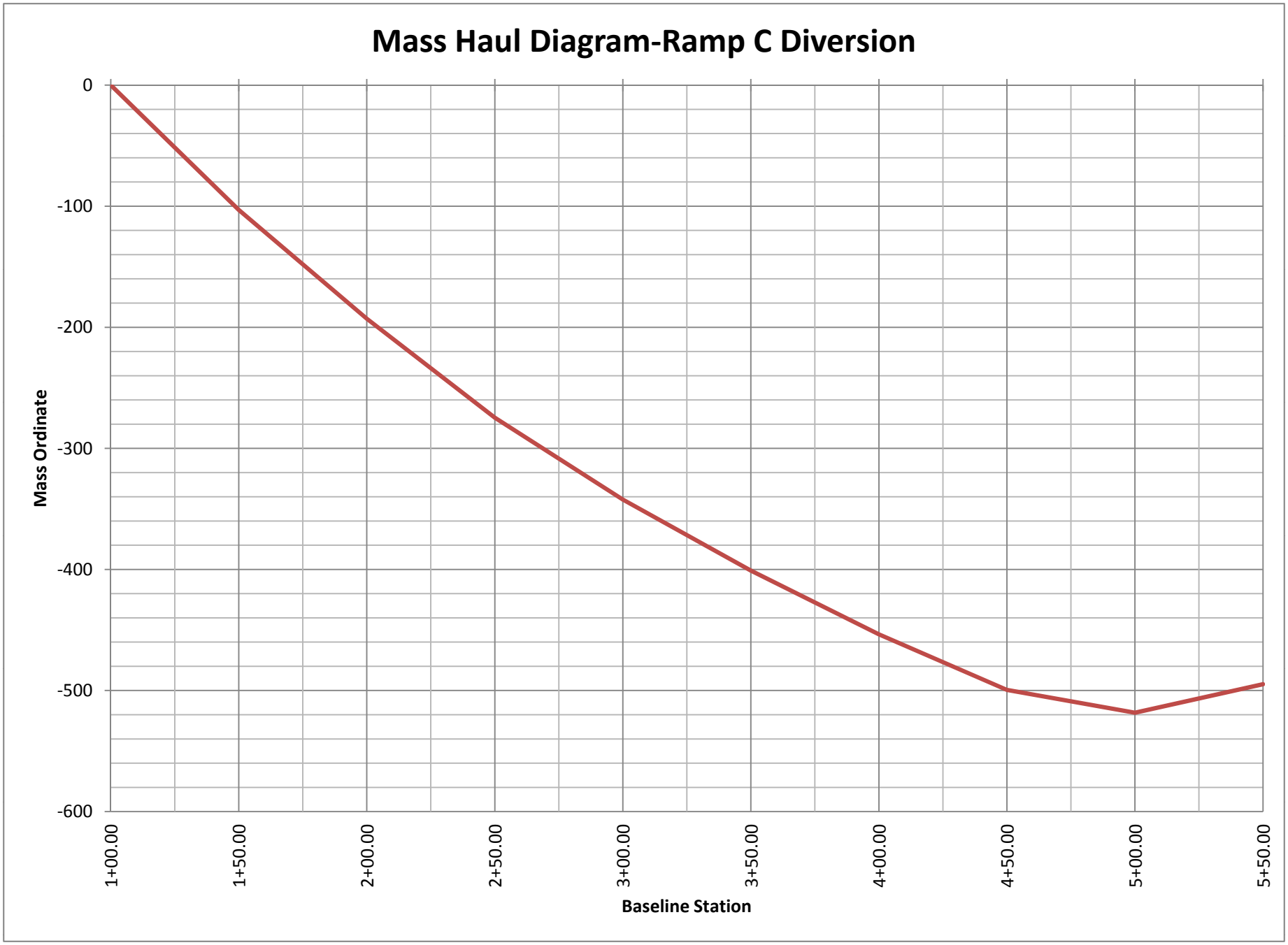

Mass Haul Diagram-Ramp A Crossover
Mass Ordinate
400
350
300
250
200
150
100
50
0
-50
-100
0+50.00
1+00.00
1+50.00
2+00.00
2+50.00
3+00.00
3+50.00
4+00.00
4+50.00
5+00.00
Baseline Station

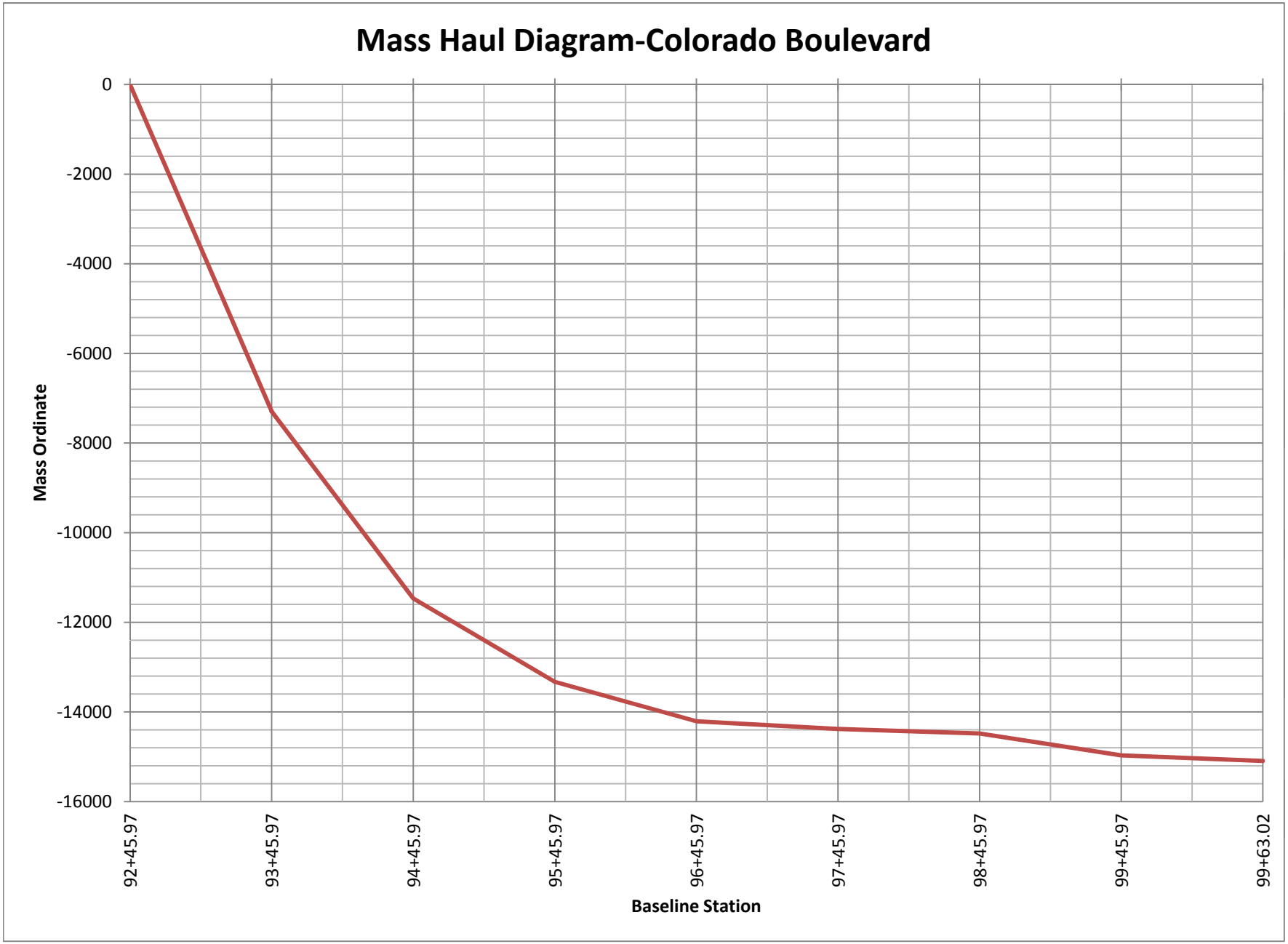

Mass Haul Diagram-Ramp B Crossover
Mass Ordinate
350
300
250
200
150
100
50
0
-50
0+50.00
1+00.00
1+50.00
2+00.00
2+50.00
3+00.00
3+50.00
4+00.00
4+50.00
5+00.00
5+50.00
Baseline Station

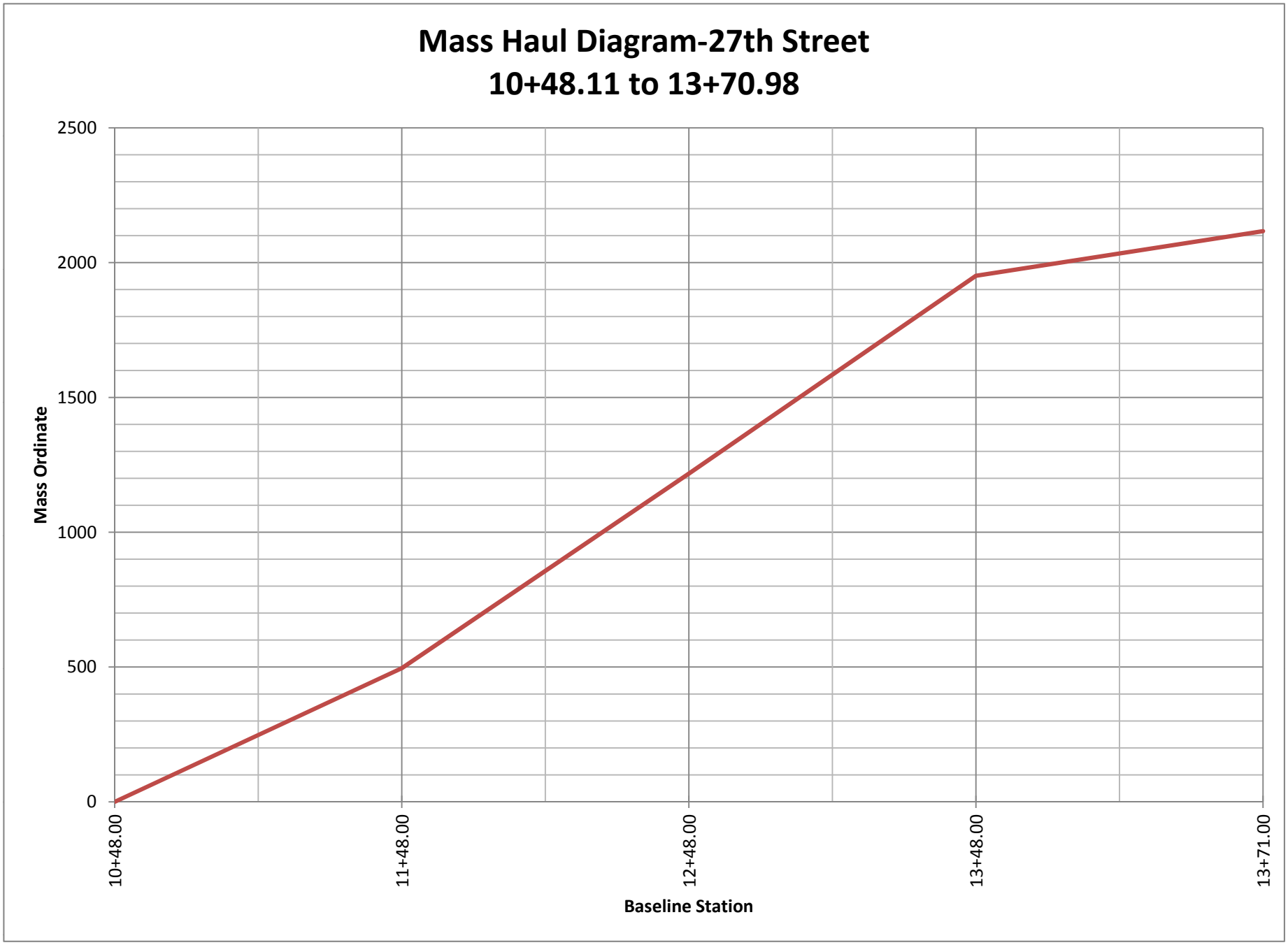

Mass Haul Diagram-Ramp D Crossover
Mass Ordinate
3500
3000
2500
2000
1500
1000
500
0
0+50.00
1+00.00
1+50.00
2+00.00
2+50.00
3+00.00
3+50.00
4+00.00
4+50.00
5+00.00
5+50.00
6+00.00
6+50.00
Baseline Station

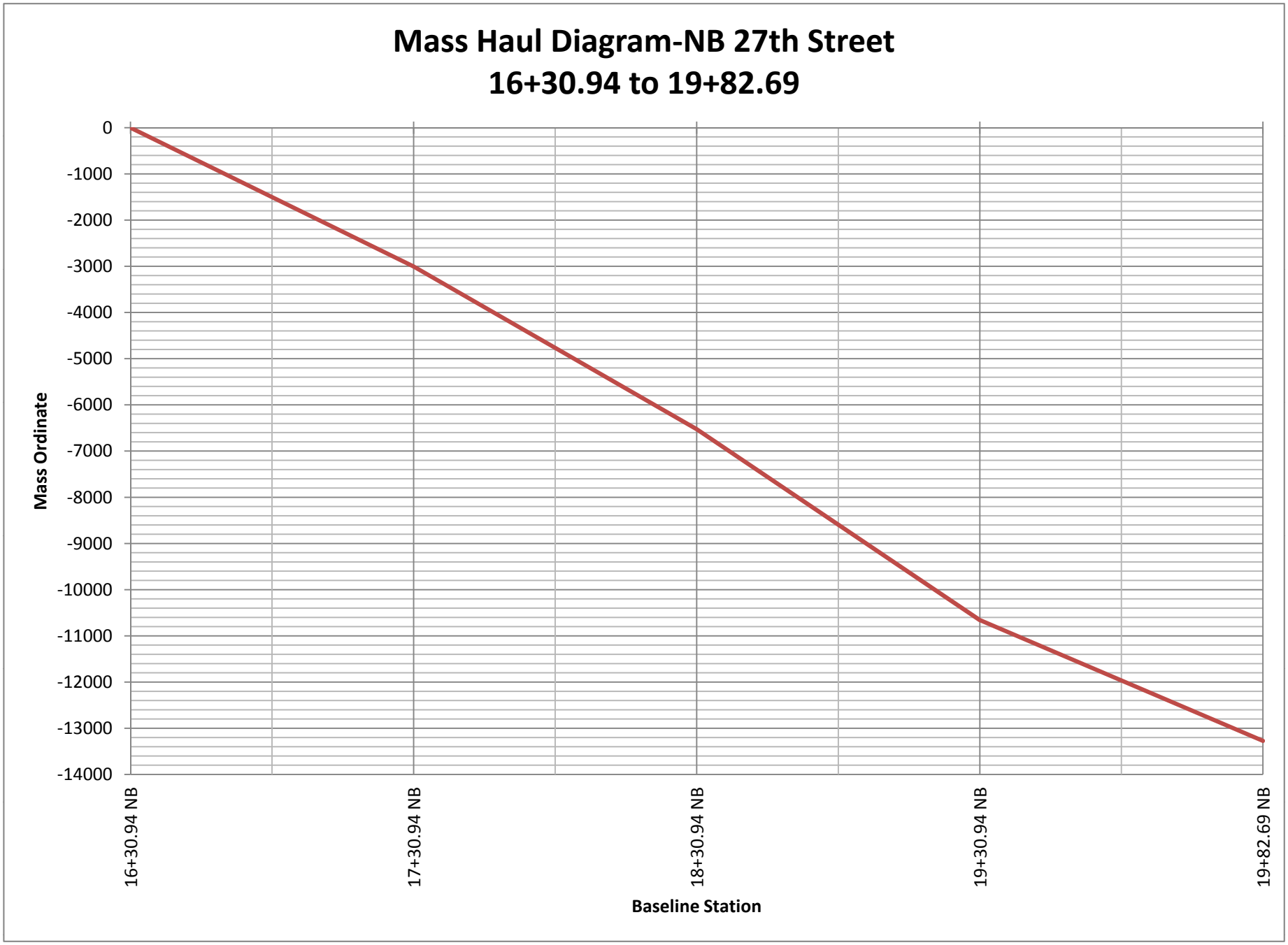

Mass Haul Diagram-Ramp A Detour
500
0
-500
-1000
-1500
-2000
-2500
-3000
Mass Ordinate
3+00.00
3+50.00
4+00.00
4+50.00
5+00.00
5+50.00
6+00.00
6+50.00
7+00.00
7+50.00
8+00.00
8+50.00
9+00.00
9+50.00
10+00.00
10+50.00
11+00.00
11+50.00
12+00.00
12+50.00
Baseline Station

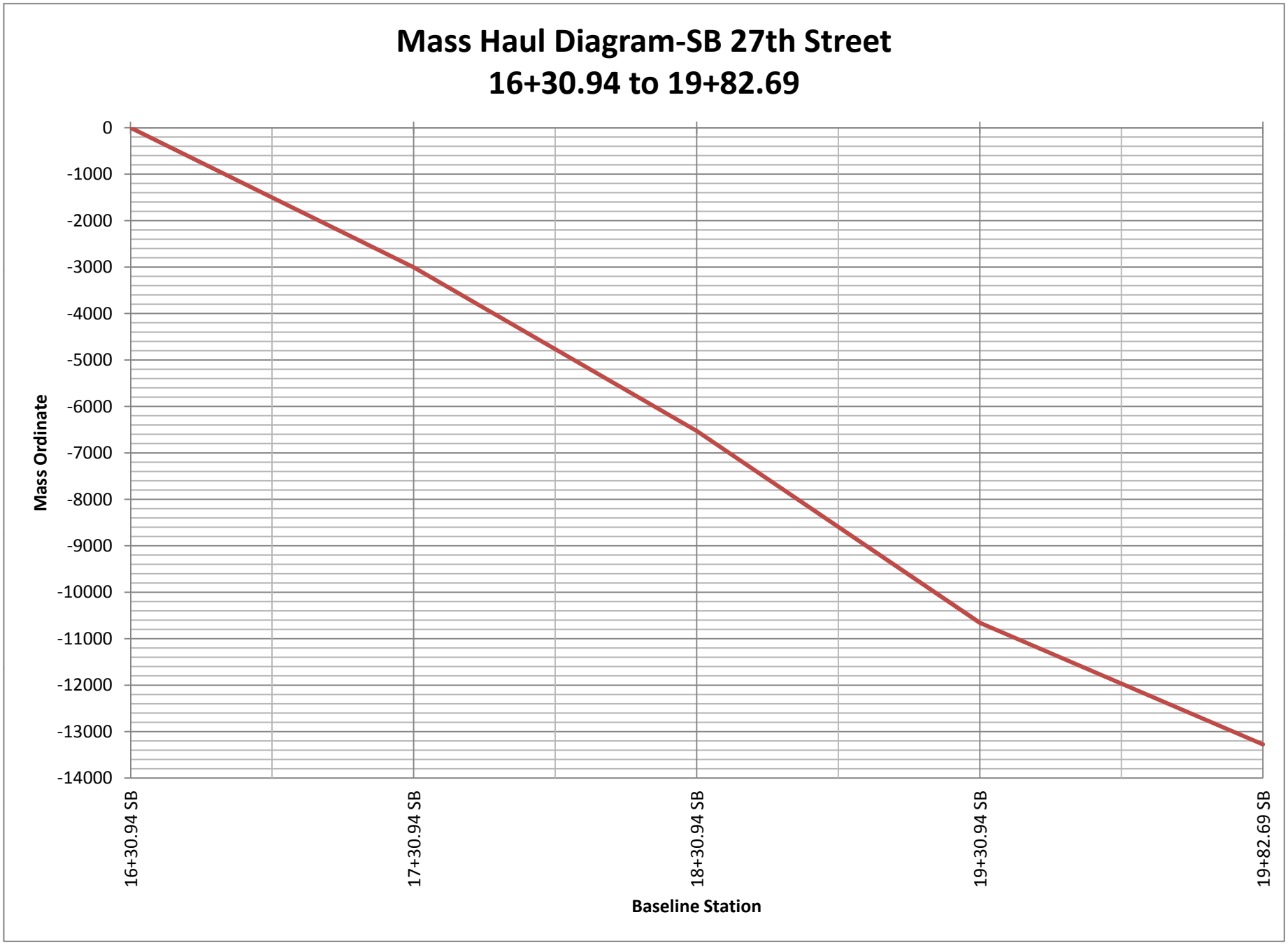

Mass Haul Diagram-Ramp B Diversion
2000
0
-2000
-4000
-6000
-8000
-10000
-12000
-14000
-16000
Mass Ordinate
0+50.00
1+00.00
1+50.00
2+00.00
2+50.00
3+00.00
3+50.00
4+00.00
4+50.00
5+00.00
5+50.00
6+00.00
6+50.00
7+00.00
7+50.00
8+00.00
8+50.00
9+00.00
9+50.00
10+00.00
10+50.00
11+00.00
11+50.00
12+00.00
12+50.00
13+00.00
13+50.00
Baseline Station

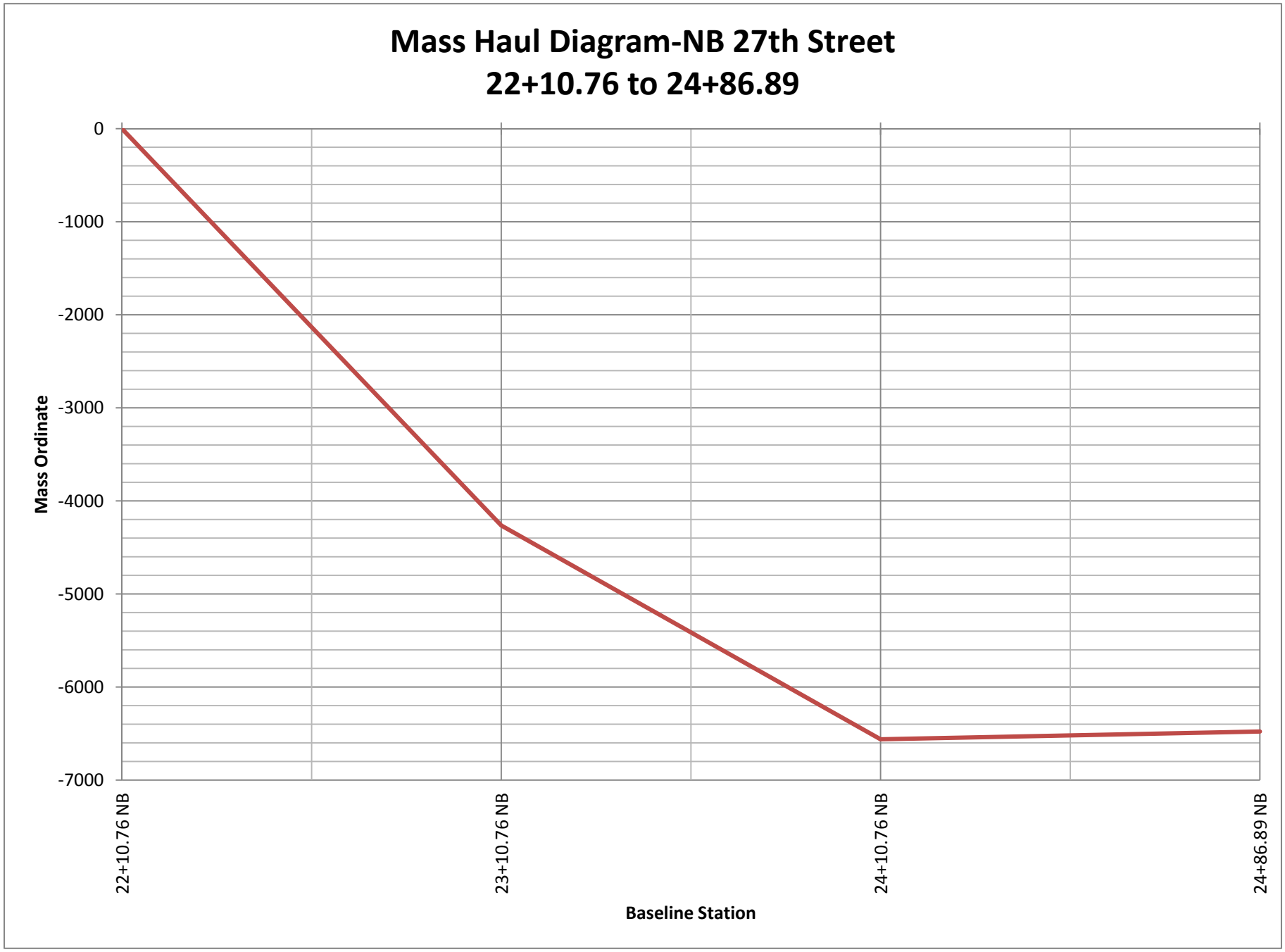

Mass Haul Diagram-Ramp C Diversion
0
-100
-200
-300
-400
-500
-600
Mass Ordinate
1+00.00
1+50.00
2+00.00
2+50.00
3+00.00
3+50.00
4+00.00
4+50.00
5+00.00
5+50.00
Baseline Station

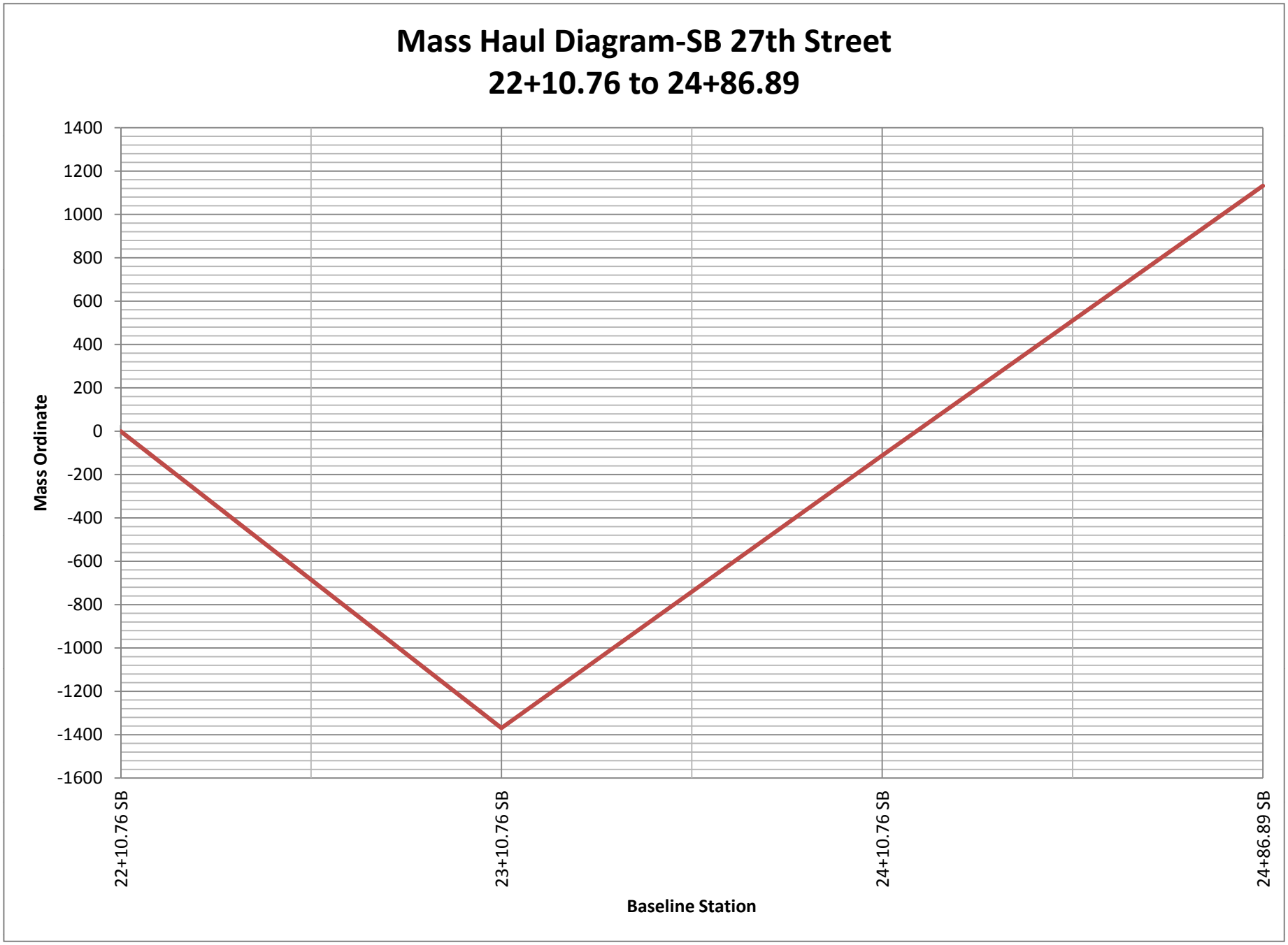

Mass Haul Diagram-Colorado Boulevard
0
-2000
-4000
-6000
-8000
-10000
-12000
-14000
-16000
Mass Ordinate
92+45.97
93+45.97
94+45.97
95+45.97
96+45.97
97+45.97
98+45.97
99+45.97
99+63.02
Baseline Station

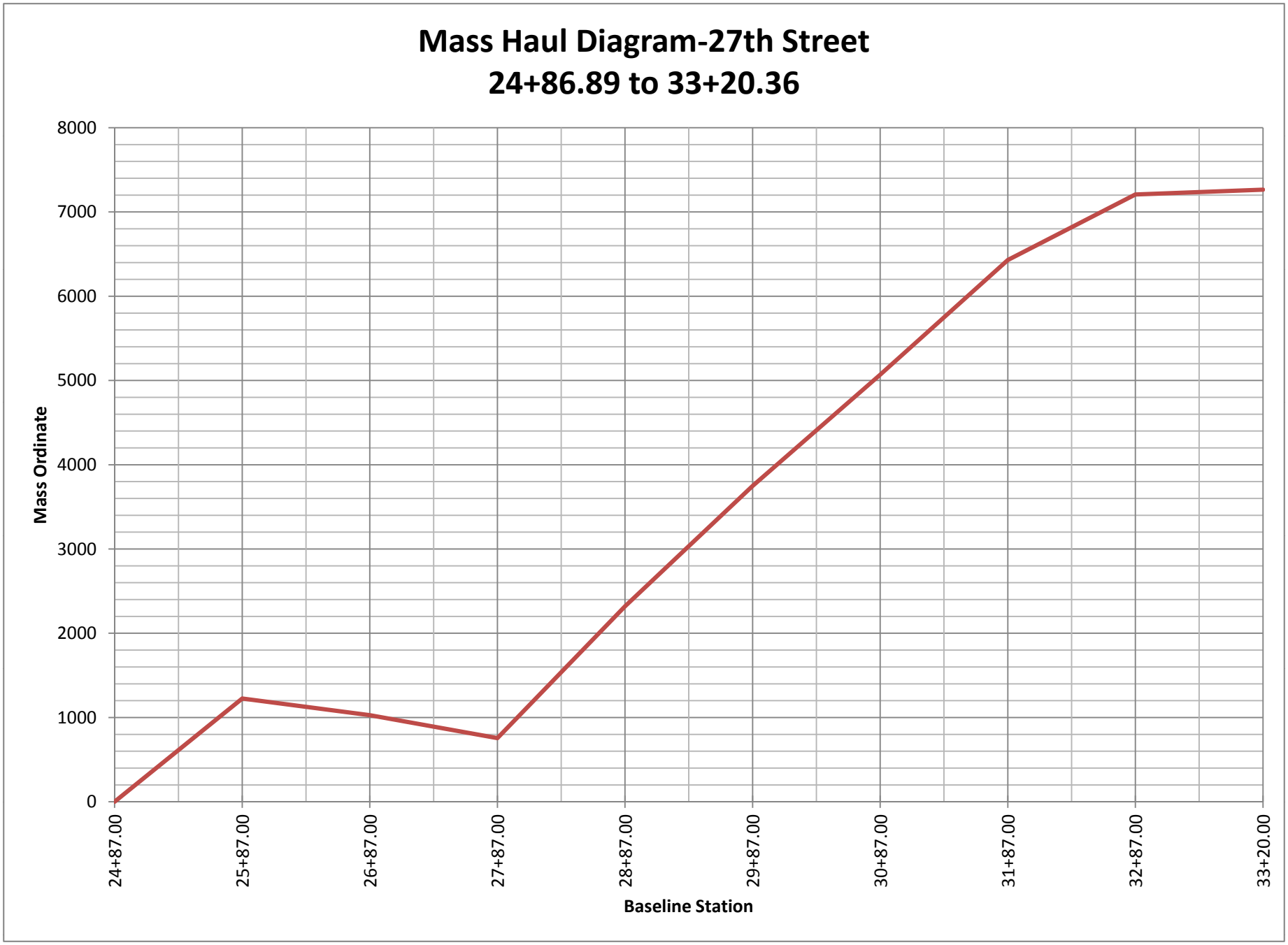
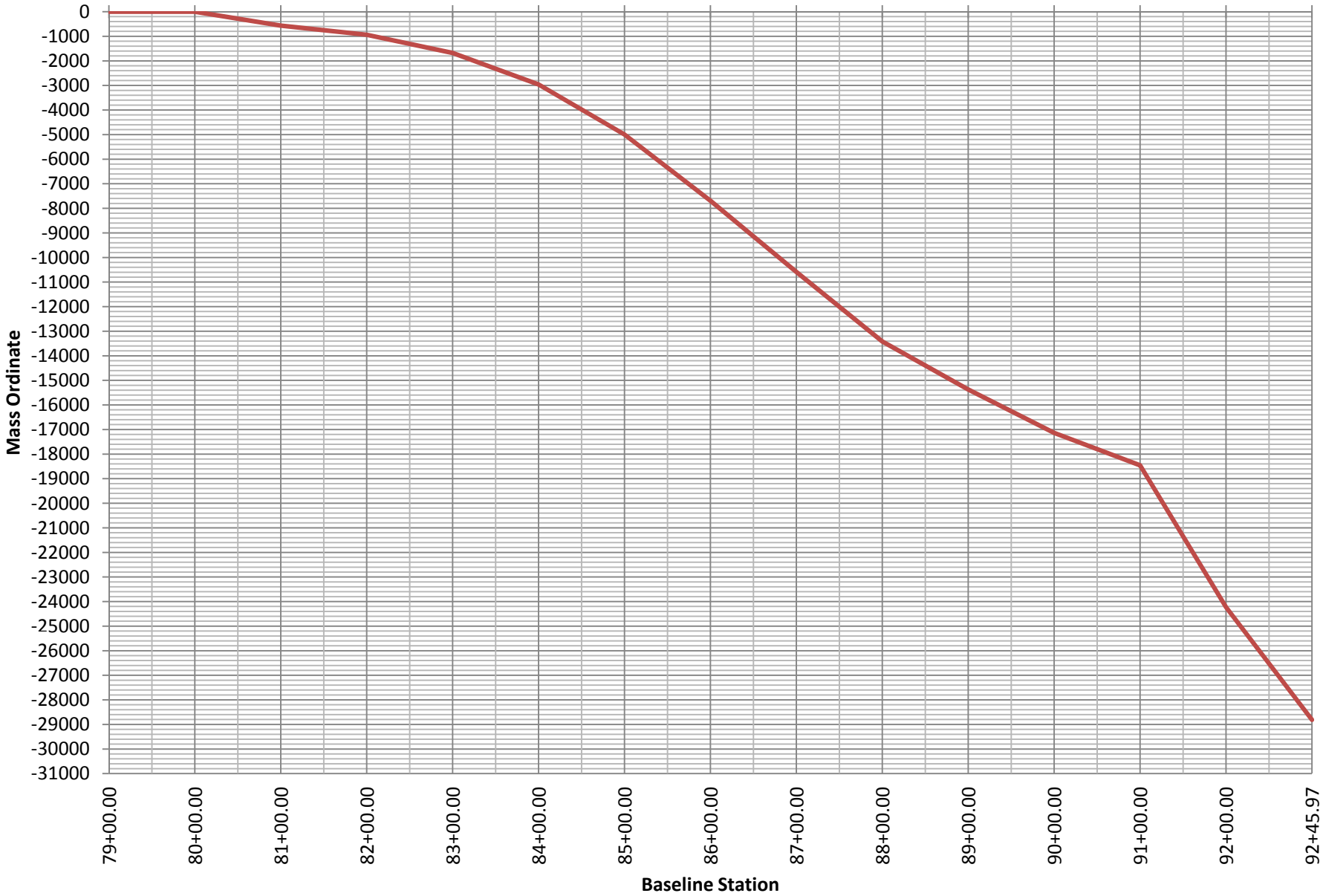

Mass Haul Diagram-27th Street
10+48.11 to 13+70.98
2500
2000
1500
1000
500
0
Mass Ordinate
10+48.00
11+48.00
12+48.00
13+48.00
13+71.00
Baseline Station


Mass Haul Diagram-NB 27th Street
16+30.94 to 19+82.69
Mass Ordinate
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
-11000
-12000
-13000
-14000
16+30.94 NB
17+30.94 NB
18+30.94 NB
19+30.94 NB
19+82.69 NB
Baseline Station


Mass Haul Diagram-SB 27th Street
16+30.94 to 19+82.69
Mass Ordinate
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
-9000
-10000
-11000
-12000
-13000
-14000
16+30.94 SB
17+30.94 SB
18+30.94 SB
19+30.94 SB
19+82.69 SB
Baseline Station


Mass Haul Diagram-NB 27th Street
22+10.76 to 24+86.89
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
Mass Ordinate
22+10.76 NB
23+10.76 NB
24+10.76 NB
24+86.89 NB
Baseline Station


Mass Haul Diagram-SB 27th Street
22+10.76 to 24+86.89
1400
1200
1000
800
600
400
200
0
-200
-400
-600
-800
-1000
-1200
-1400
-1600
Mass Ordinate
22+10.76 SB
23+10.76 SB
24+10.76 SB
24+86.89 SB
Baseline Station


Mass Haul Diagram-27th Street
24+86.89 to 33+20.36
Mass Ordinate
8000
7000
6000
5000
4000
3000
2000
1000
0
24+87.00
25+87.00
26+87.00
27+87.00
28+87.00
29+87.00
30+87.00
31+87.00
32+87.00
33+20.00
Baseline Station

Mass Haul Diagram-US HWY 14A