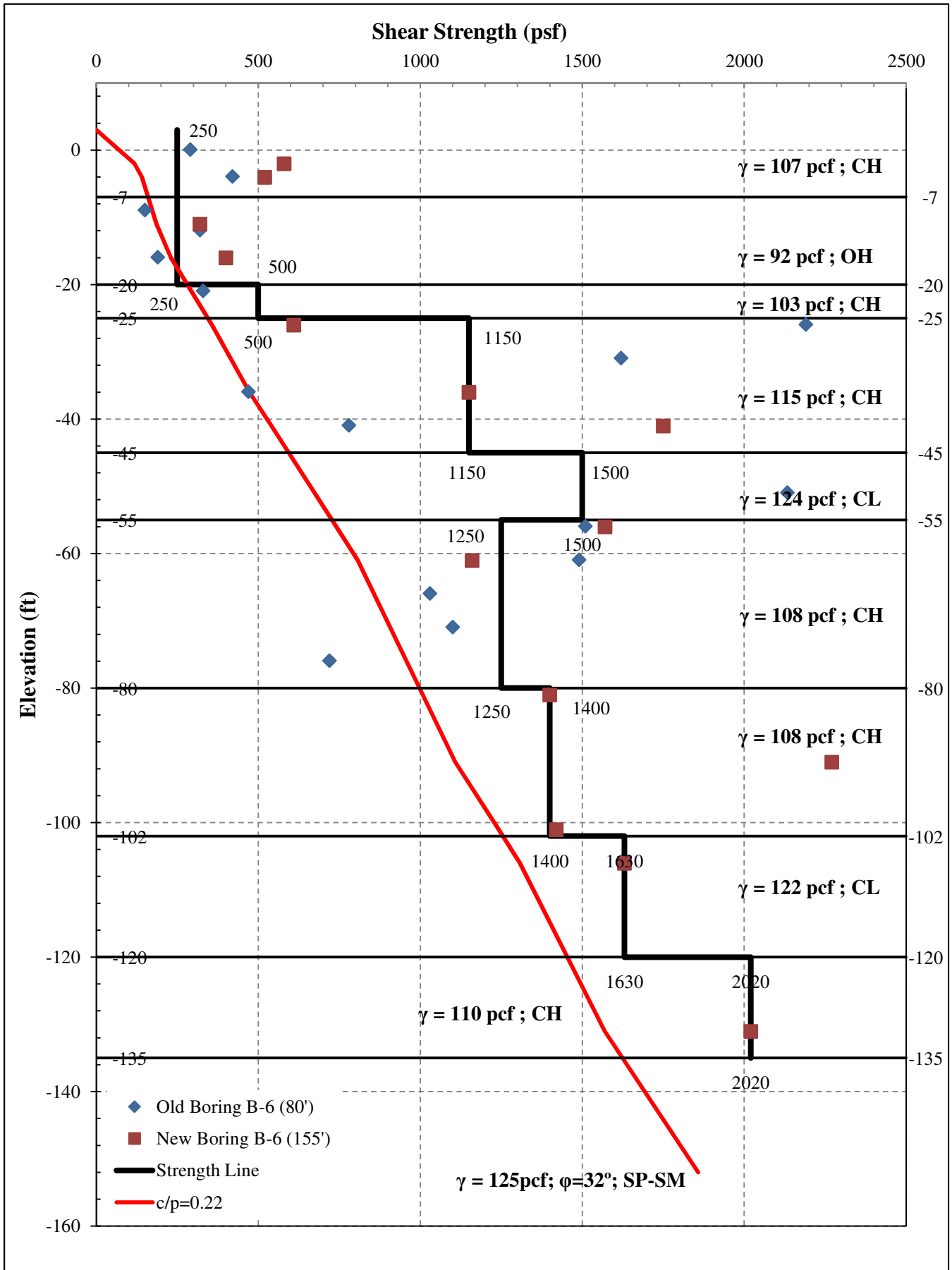
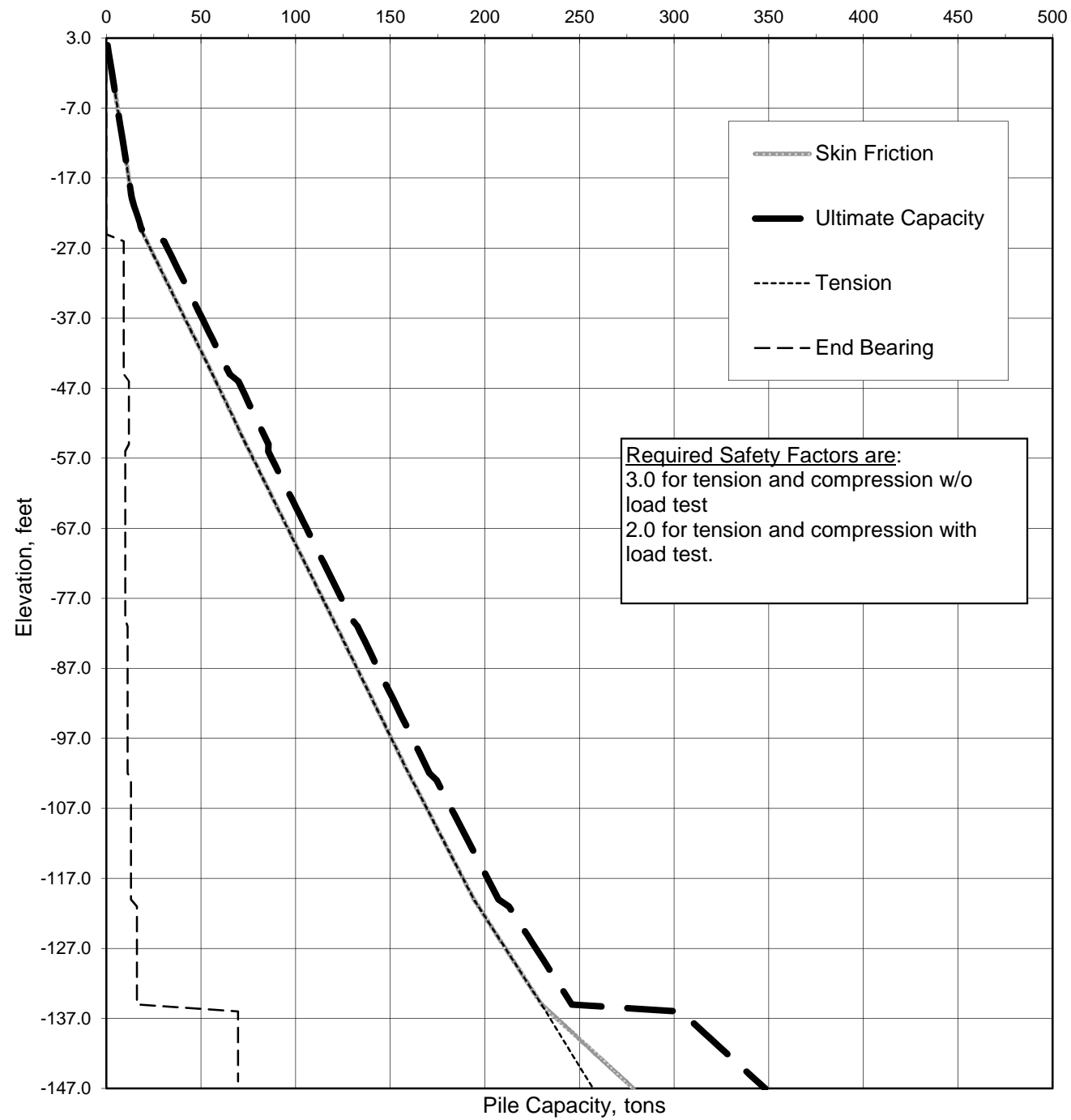


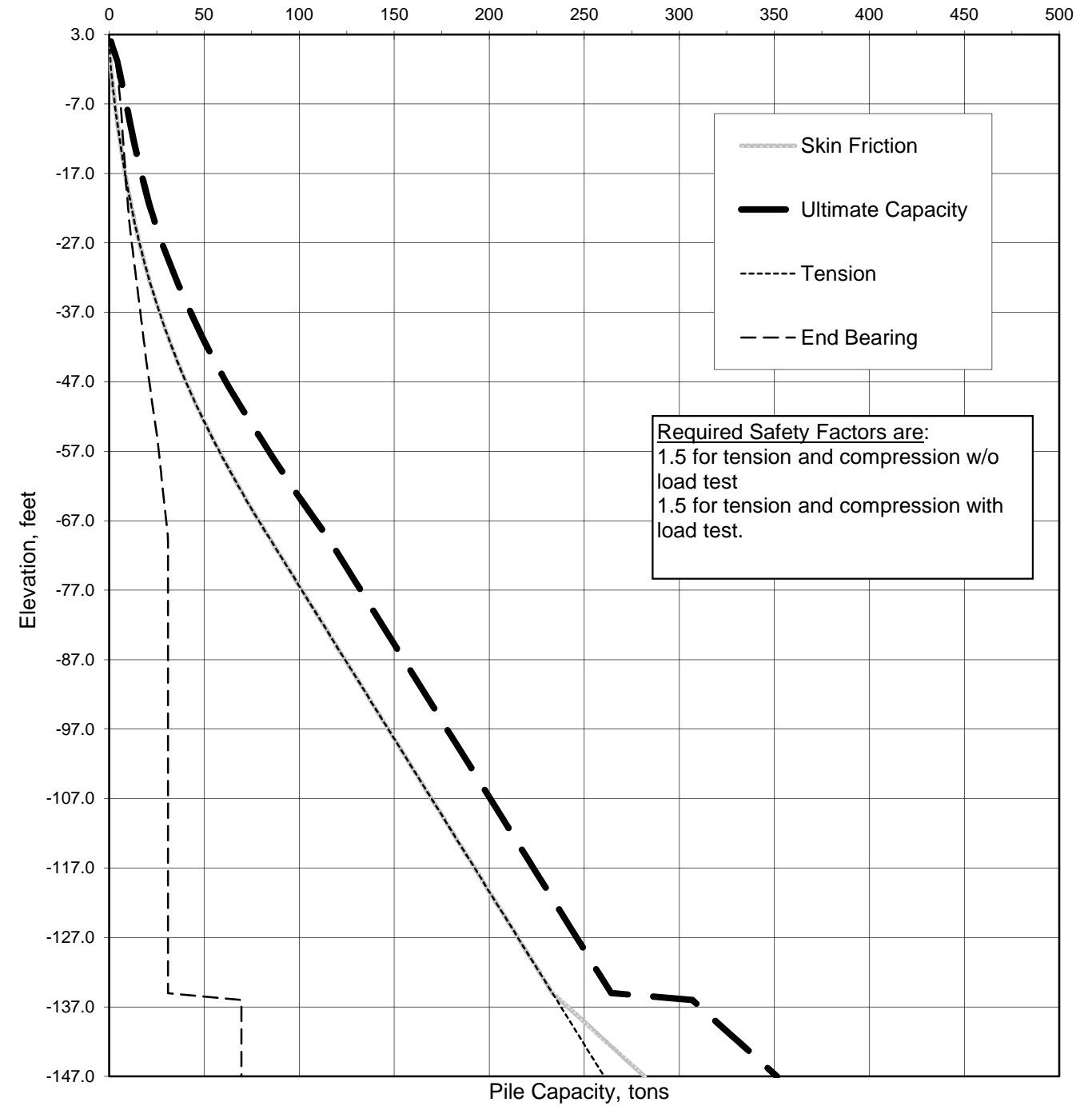
Shear Strength Plot - Kansas City Railroad



Undrained Strength Case with PIPE PILE - 18 inch

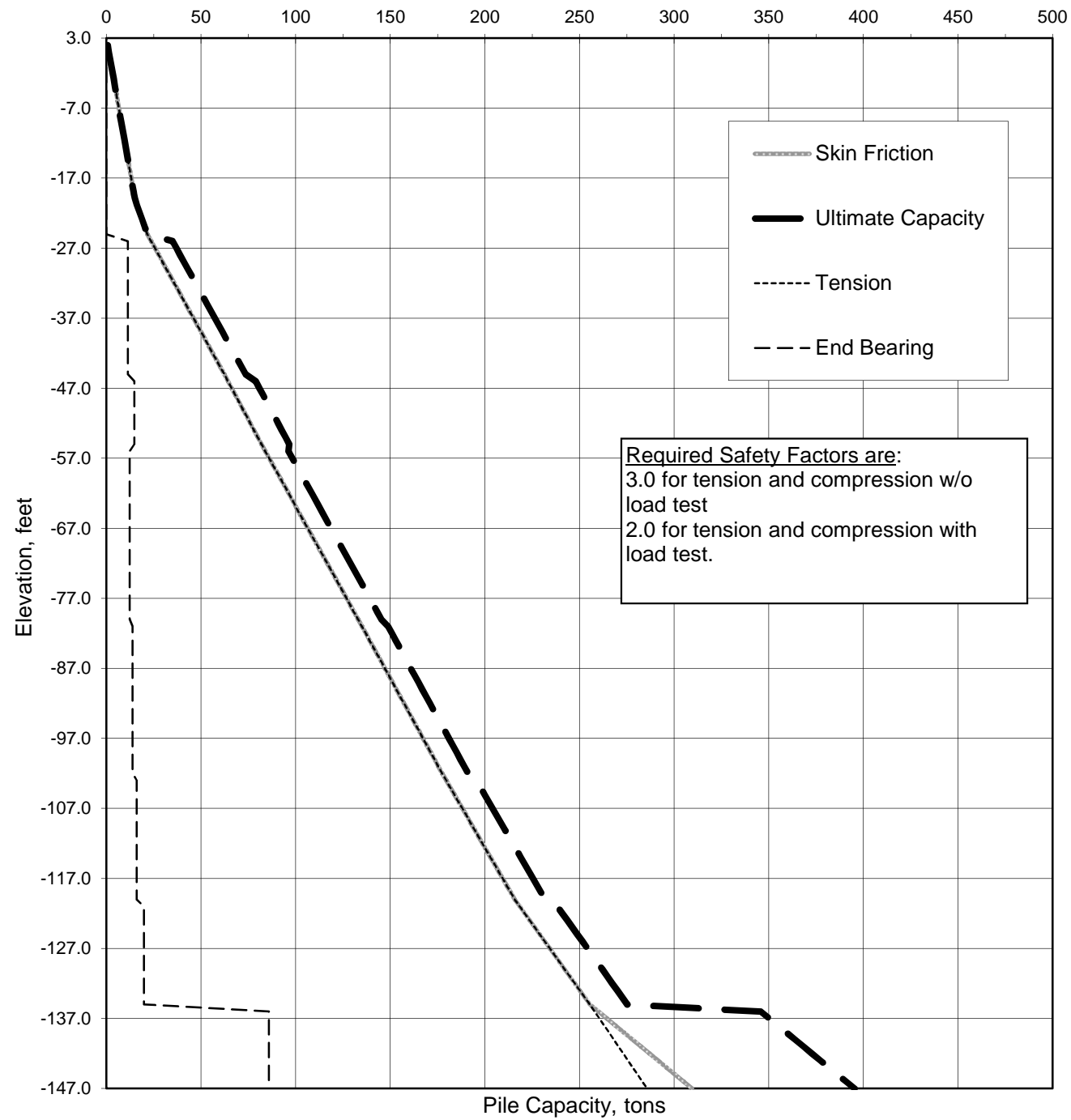


Drained Strength Case with PIPE PILE - 18 inch

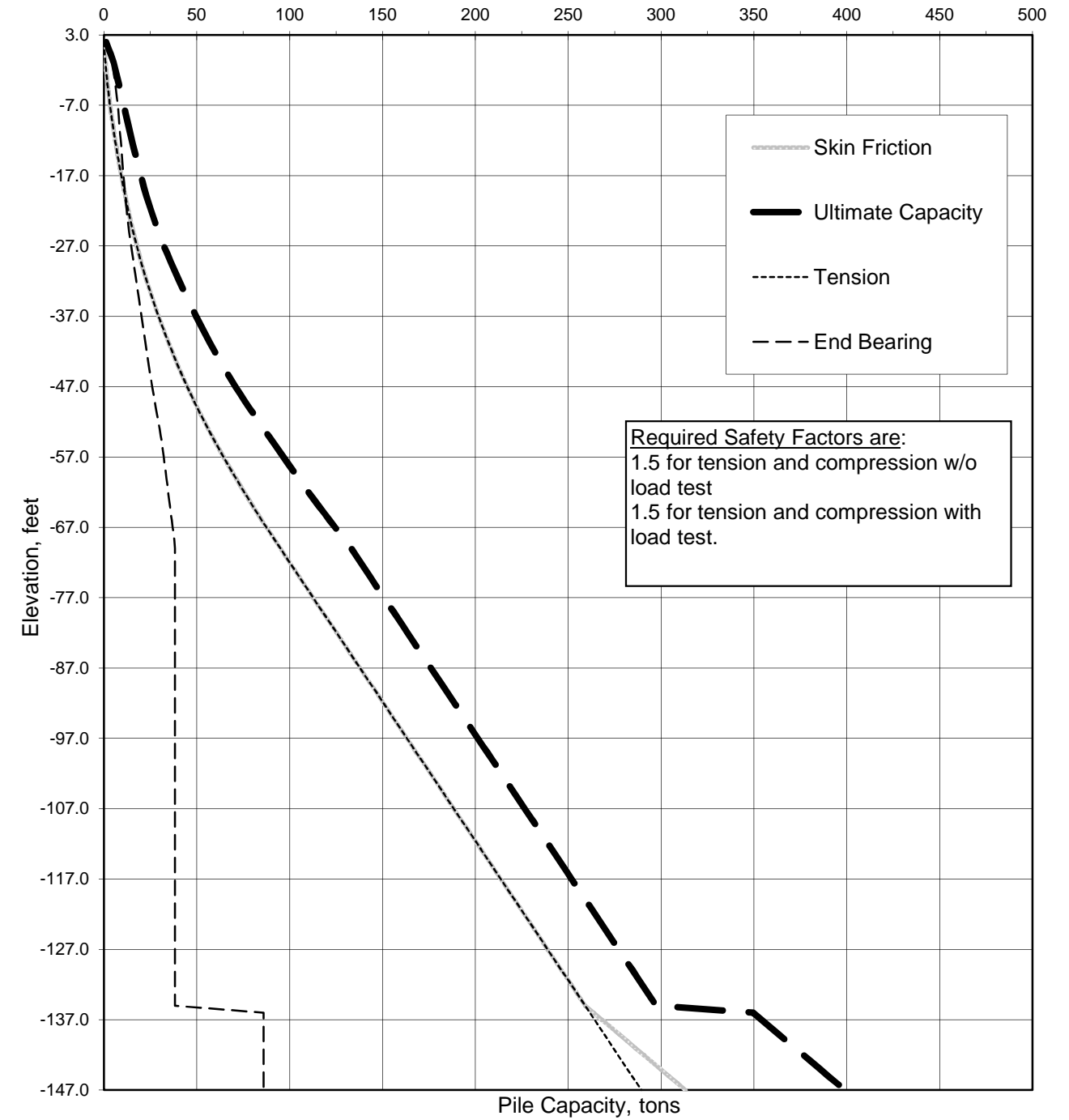


- Notes:
1. Pile capacity curves represent axial resistance for a single pile and do not consider group effects.
 2. Curves indicate Ultimate Capacity; the appropriate safety factors should be applied to arrive at the Allowable Capacity
 3. Pile Top Elevation: +3.0

Undrained Strength Case with PIPE PILE - 20 inch

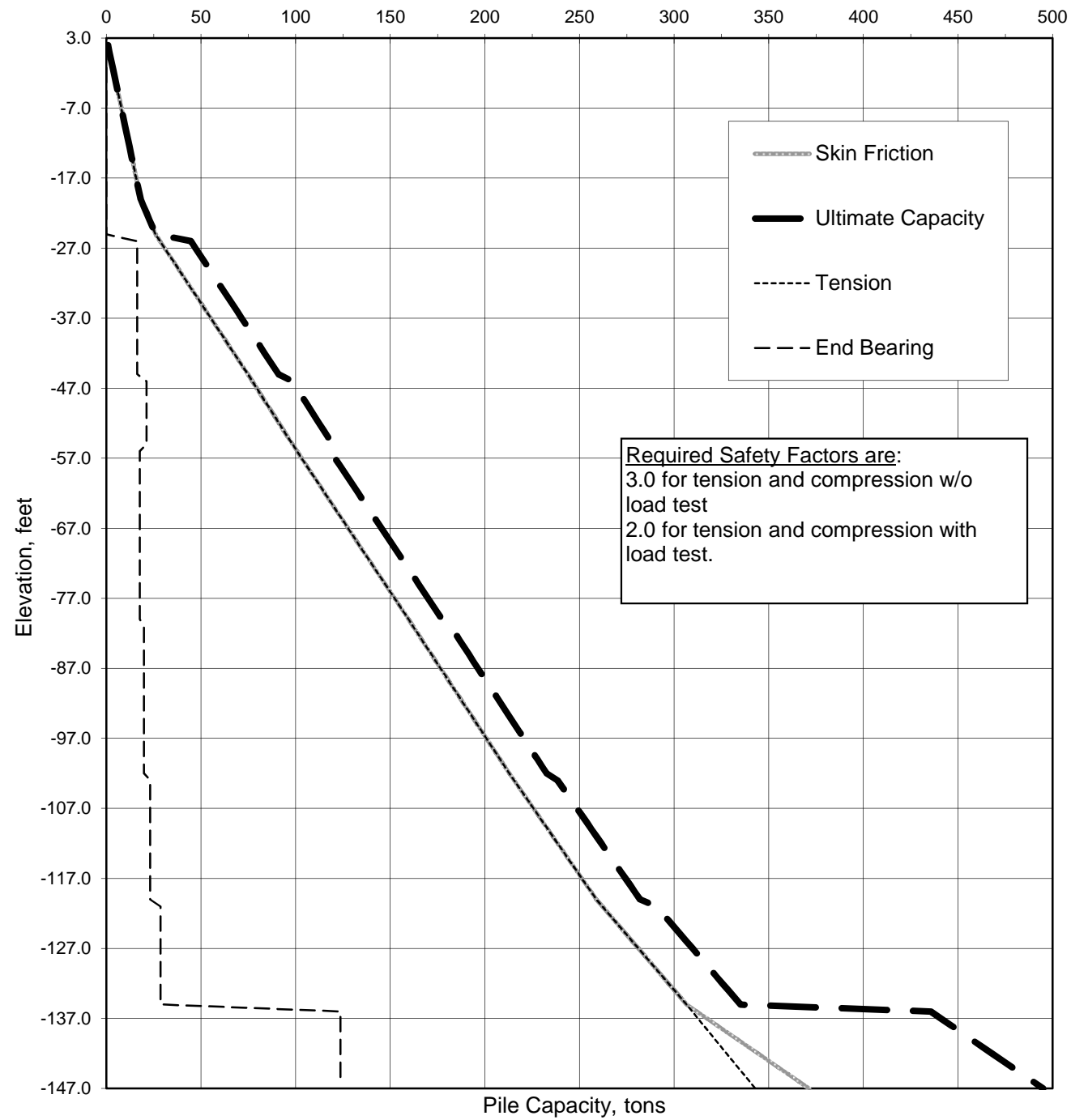


Drained Strength Case with PIPE PILE - 20 inch

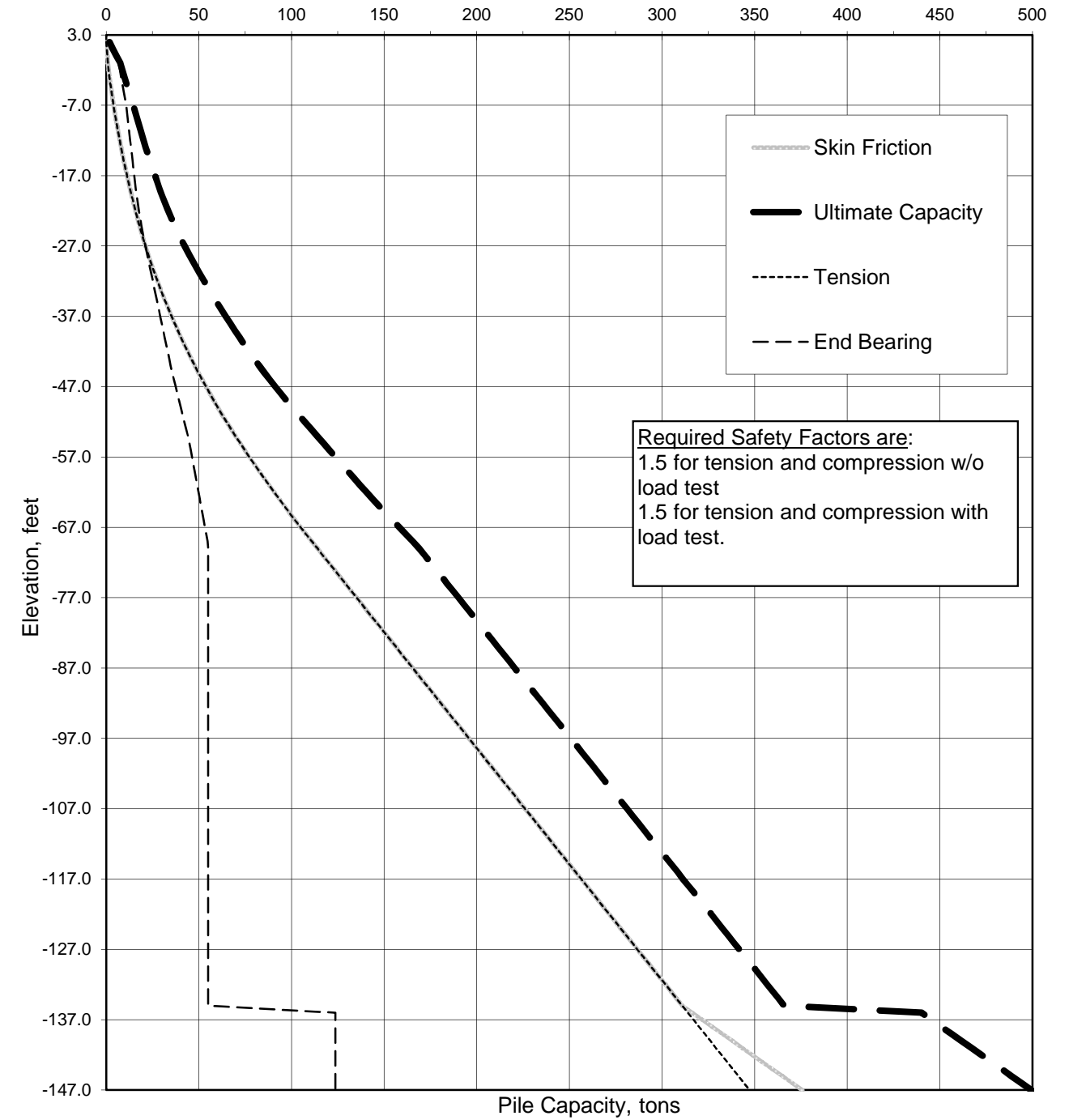


- Notes:
1. Pile capacity curves represent axial resistance for a single pile and do not consider group effects.
 2. Curves indicate Ultimate Capacity; the appropriate safety factors should be applied to arrive at the Allowable Capacity
 3. Pile Top Elevation: +3.0

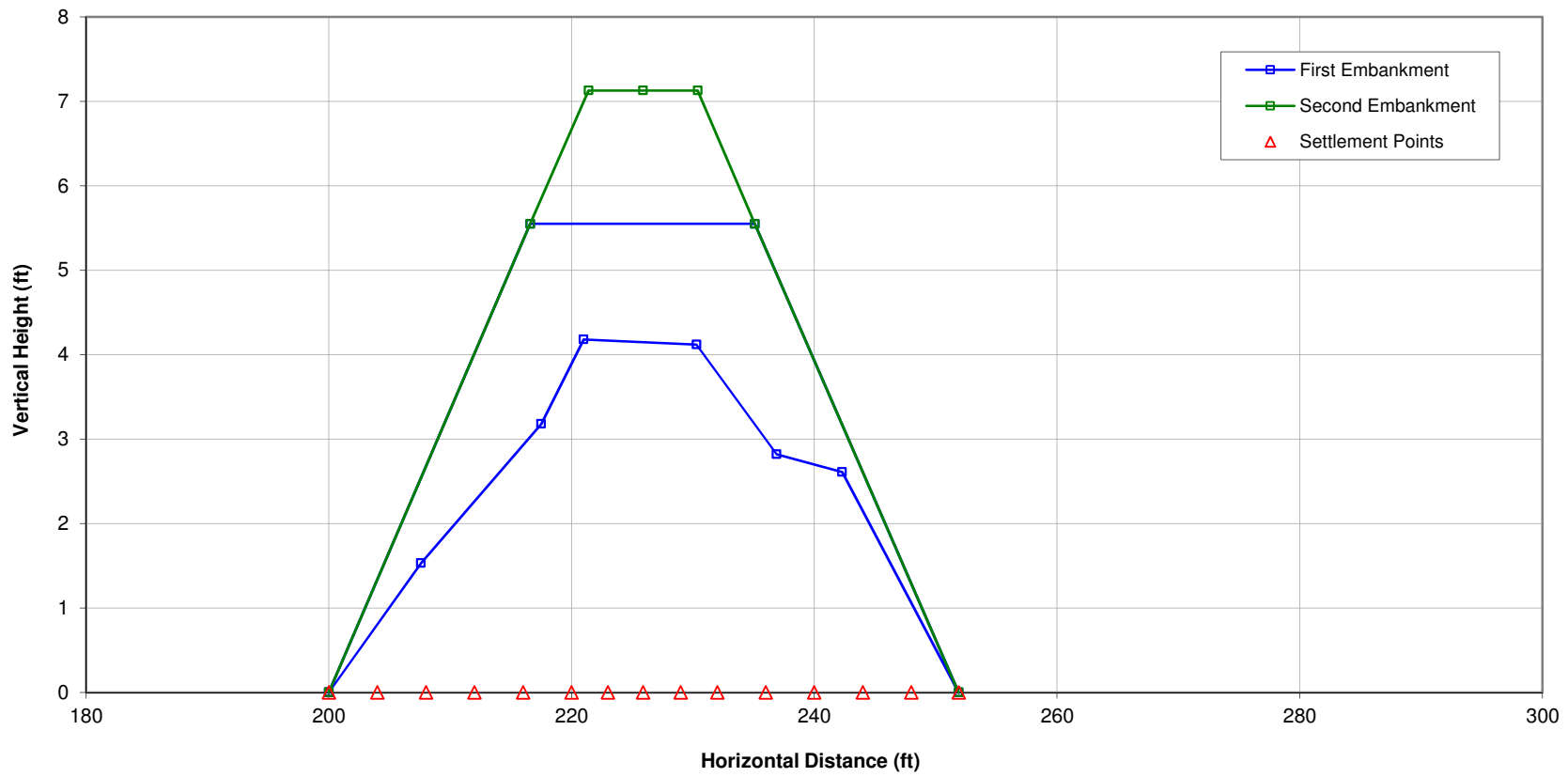
Undrained Strength Case with PIPE PILE - 24 inch



Drained Strength Case with PIPE PILE - 24 inch



- Notes:
1. Pile capacity curves represent axial resistance for a single pile and do not consider group effects.
 2. Curves indicate Ultimate Capacity; the appropriate safety factors should be applied to arrive at the Allowable Capacity
 3. Pile Top Elevation: +3.0



Geometry of Embankment Section

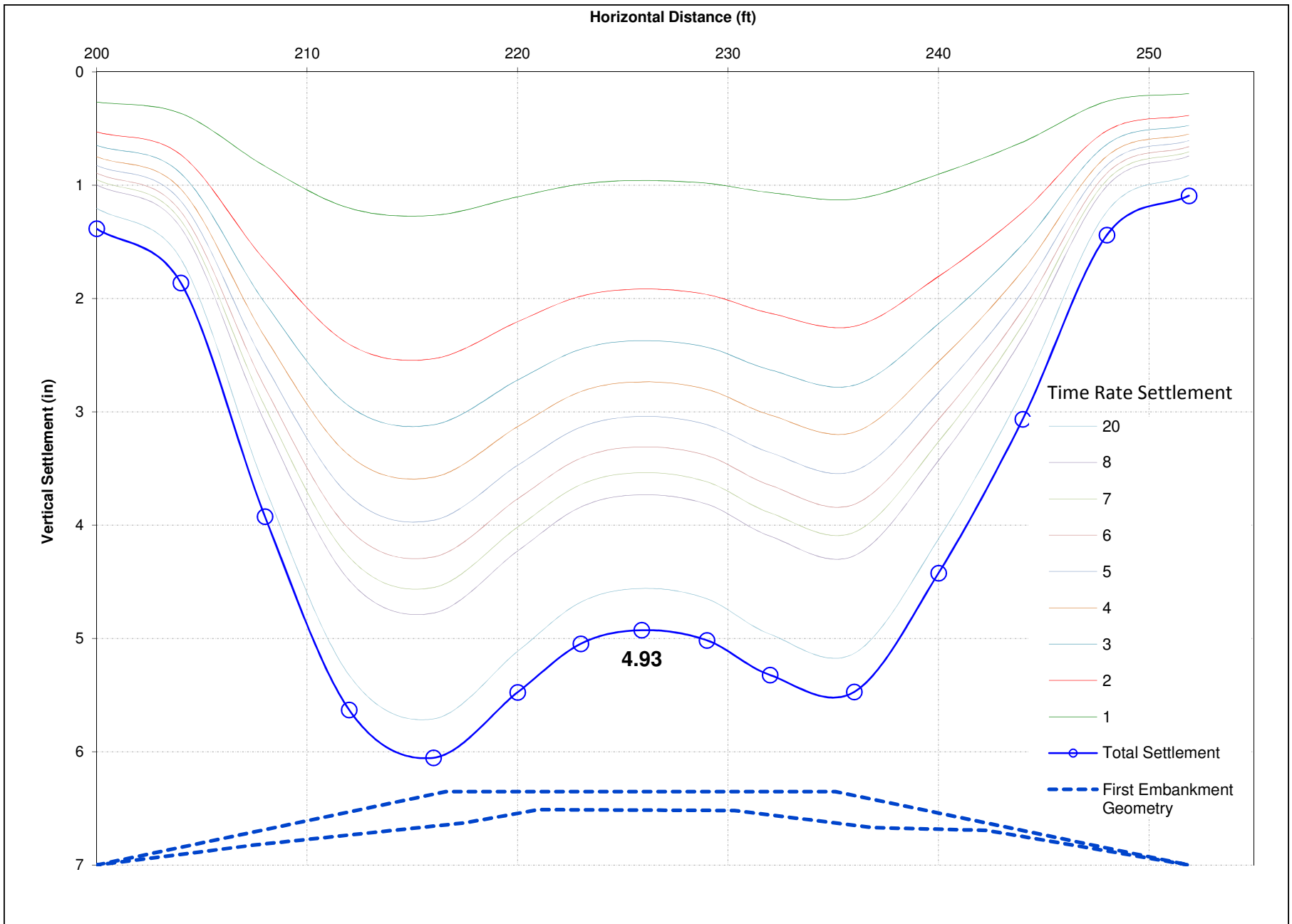
Project No.: 10001863

August 2013

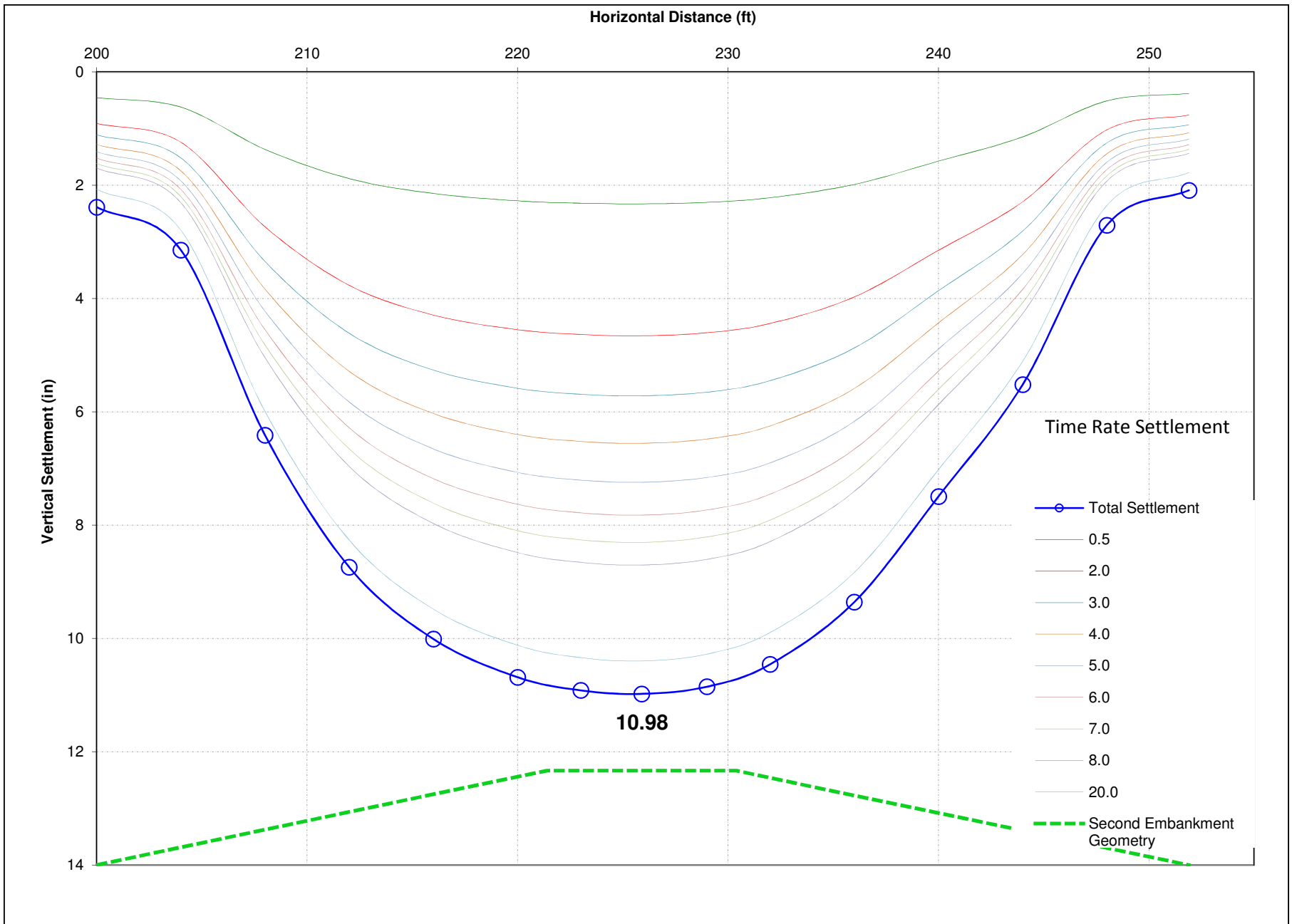
Project: Lake Maurepas - KCS Railroad Settlement Analysis

Appendix H

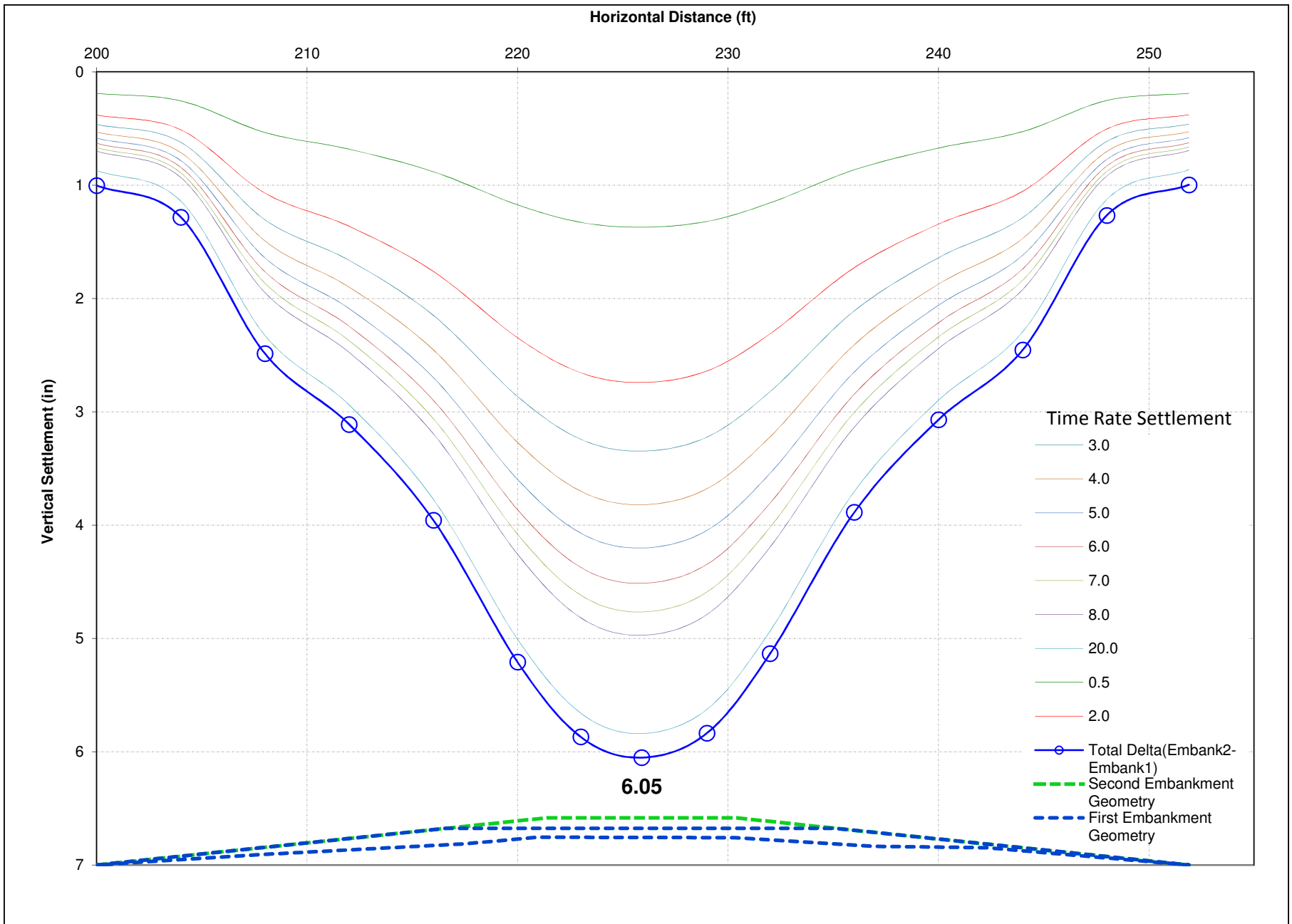




Ultimate Consolidation Settlement and Time Rate Settlement of Embankment 1



Ultimate Consolidation Settlement and Time Rate Settlement of Embankment 2



Difference in Ultimate Consolidation Settlement and Time Rate Settlement of Embankment 1 and Embankment 2