

**Left Side of Roadway**

177 C.Y. cut (measured)  
-177 C.Y. rootmat in cut (unusable material)  
 0 C.Y. usable excavation

4093 C.Y. fill (measured)  
+198 C.Y. rootmat in fill (to be backfilled)  
 4291 C.Y. fill (measured)

2465 C.Y. haul (measured)  
x 0.82  
 2021 C.Y. haul (adjusted)

4291 C.Y. fill (measured)  
-2021 C.Y. haul (adjusted)  
 2270 C.Y. Borrow (measured)

Computation Factor for Borrow Site = 18%

2270 C.Y. = 2768 C.Y. Borrow Material (computed)  
 0.82

**INSERTABLE SHEET**

See Insertable sheet number A-71 GRADING DIAGRAM AND SUMMARY. This sheet contains standardized notes, formulas and symbols applicable to a typical Grading Summary. Designers should use only notes, which are applicable to their project.

The insertable sheets are available in **ProjectWise, Central Office\***, eng-ser, file name "minsert" (Metric) or "insert" (Imperial) for insertion into applicable plan assemblies.

**DRAFTING FINAL GRADING DIAGRAM & SUMMARY**

A base Grading Diagram and Summary Sheet is available as a CADD file. This sheet has all the applicable notes and symbols for a typical Grading Diagram and Summary. Designers should use only notes, which are applicable to their project.

---

\* Rev. 7/18