

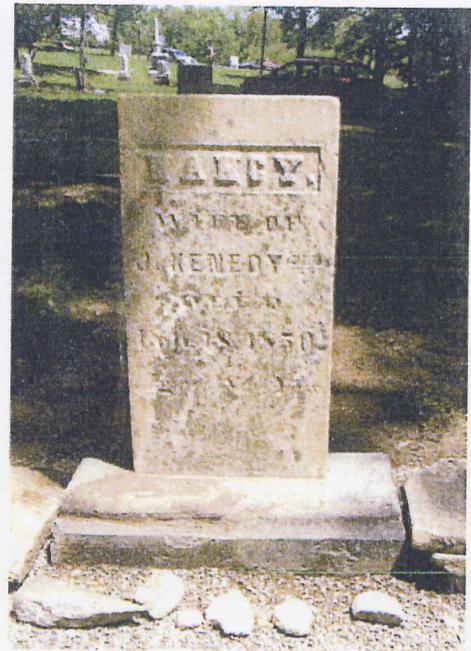
MARKER No. 05: NANCY KENNEDY (d. 1850) wife of John Kennedy

EXISTING CONDITIONS

- The marble headstone is in poor condition, broken into fragments (3-4). The headstone's tenon still remains in the slotted base and the other fragments are partially buried.
- What appears to be a small marble footstone is lying next to the sandstone base.
- The sandstone base is in fair condition with a portion of the top fractured/spalled off and is experiencing biological growth and slight staining.



Before (July 2008)



After (May 2009)

TREATMENT SUMMARY

A. Excavation/Fragment Recovery

1. Carefully excavate and recover marble headstone and sandstone base fragments (3-4 fragments).
 - ▶ foreign marble headstone fragments and what appears to be a footstone were found; one sandstone base fragment was found.
2. Attempt to remove marble tenon from slotted base.
 - ▶ tenon was removed, but it was in poor condition and very soft
3. Excavate sandstone base for leveling and resetting.

B. Cleaning

1. For removal of biological growth and general soiling, the marble headstone fragments and sandstone base were cleaned with D/2 Architectural Antimicrobial.
 - a. Clean water at low pressure (max 300 psi) and hand-pump sprayer.
 - b. Natural or nylon bristle brushes (or varying stiffness and sizes).
 - c. Avoid dissolution or erosion of the stone.
 - ▶ stones were successfully cleaned, however, biological staining and discoloration remain, which cannot be removed without harsh methods.

C. Re-attachment and Repair

1. Re-attach marble headstone fragments using two-part stone epoxy and stainless steel or nylon pins.
 - ▶ because the tenon fragment was in poor condition and the fracture area of the headstone was also soft, a sound re-attachment was unlikely; therefore, the tenon was buried and the headstone was cut back square to sound material (approximately 2").
 - ▶ base fragment re-attached and the remaining area of loss was patched with a custom-mixed Type N mortar.

D. Reset and Level

1. Reset and level sandstone base upon compacted gravel.
2. Reset and plumb marble headstone into slotted sandstone base with a Type O mortar mix and point.

E. Site Preparation and Repair

1. Backfill and grade areas that were disturbed during fragment excavation.
2. Place pea gravel around base.