

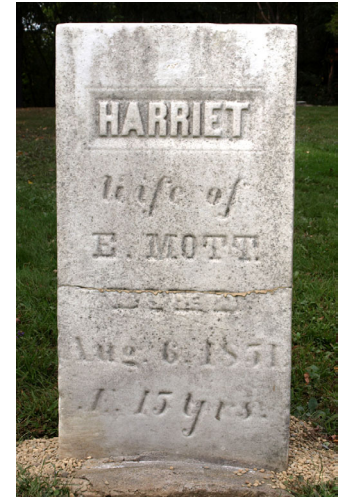
MARKER No. 01: HARRIET MOTT (d. 1851) wife of E. Mott

EXISTING CONDITIONS

- The marble headstone is in fair condition.
- Marble headstone has been previously repaired: the headstone was reattached with epoxy at about the middle of the marker...it is not known whether or not pins were used. Some epoxy “runs” and “squeeze out” on surface of marble (the epoxy has yellowed due to exposure).
- The headstone is leaning to the east.
- The headstone is stained and contains biological growth.
- A sandstone base is not visible.
- A non-original concrete base is partially buried behind the marker. It does not appear that the marble headstone is attached to the concrete base.



Before (July 2009)



After (September 2009)

TREATMENT SUMMARY

A. Excavation/Fragment Recovery

1. Remove non-original concrete base material.
 - ▶ due to concerns of material loss and damage to the marble marker, the concrete curb/base was left in place.
2. Remove headstone from ground.
 - ▶ the area adjacent to the base was excavated to allow for adjustments to level the marker.
3. Search for original sandstone base.

B. Cleaning

1. For removal of biological growth and general soiling, the marble headstone is to be cleaned with D/2 Architectural Antimicrobial.
 - a. Clean water at low pressure (max 400 psi) and hand pump sprayer.
 - b. Natural or nylon bristle brushes.
 - c. Avoid dissolution or erosion of the stone.

C. Re-attachment and Repair

- ~~1. ALT M1-1: Attempt to mechanically remove some of the old exposed epoxy from surface of marble using detailing rotary tools.~~
- ~~2. ALT M1-1: If necessary, new epoxy “welds” will be placed along the old repair seam, at the back of the marker.
 - a. The epoxy will be mixed with marble dust and be tinted to match the marble.~~

D. Reset and Level

- ~~1. Site cast a new slotted concrete base and attach marble headstone with stainless steel rods and a thin bed of mortar.
 - a. Base and marble headstone will be reset level and plumb.~~
 - ▶ the marker was straightened and set with a dry mix of sand, gravel and lime and cement.

E. Site Preparation and Repair

1. Place pea gravel at base of marker.