

MARKER No. 12: ? DYER (d. 1856) daughter of D. & S. Dyer

EXISTING CONDITIONS

- The marble headstone is in poor condition: it is experiencing biological growth and staining and the inscriptions are not clearly legible.
- The headstone appears to be broken in half, with the lower portion lying on the ground and the upper loosely set in a damaged sandstone base. The lower fragment is weathered at the fracture line.
- The marker is surrounded by vegetation and the exact condition of the sandstone base is unknown.



Before (July 2009)



After (September 2009)

TREATMENT SUMMARY

A. Excavation/Fragment Recovery

1. Carefully remove marble headstone and sandstone base (and fragments).
2. Cut back vegetation.

▶ the match to the lower marker fragment was not located.

▶ found intact sandstone base.

B. Cleaning

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

C. Re-attachment and Repair

1. ~~Attempt to re-attach lower marble headstone fragment using two part stone epoxy and threaded brass rods.~~

▶ the small marble fragment (*Elmira*) does not appear to be a match to the larger, lower portion, therefore, the fragments were not re-attached. The *Elmira* fragment was laid against the re-set marker.

2. ~~Point and patch marble headstone where necessary with custom mixed, lime based, marble repair mortar.~~

3. ~~Repair sandstone base.~~

▶ cut new notch (mortise) in found sandstone base.

D. Reset and Level

1. Reset and level sandstone base upon compacted gravel.
2. Reset and plumb marble headstone [fragment] into slotted sandstone base with Type O mortar. Point resultant joint with Type O mortar.

E. Site Preparation and Repair

1. Place pea gravel around base