However, it is also known that in Madison County he was a minister of the early Methodist Episcopal Church, and it is thought that he preached at times at Jordan's Chapel. William's credentials as a Methodist Episcopal minister were recorded on May 16, 1814, in a Special Session of the Orphan's Court of Madison County. Furthermore, William was listed among the trustees of the Methodist Episcopal Church when Robert Lankford / Langford deeded land for the establishment of a church building in 1820 (Deed Book G, pages 221-3, filed as being in the NW/4 of Section 22, T4-R1W). After a few years, this site was abandoned, and Bartholomew Jordan, another of the trustees, deeded land for the new location of the church. This new location was approximately on the south shoulder of Interstate 565 at the D.O.T. area. The church had a cemetery associated with it, and that is where Bartholomew Jordan was buried. The Jordan's Chapel Cemetery was likely where the Morris Elementary School operates today in Huntsville, as at least one map shows a cemetery at the northeast corner of that property and there is an uninscribed tombstone there. It was at the new location that the church came to be known as Jordan's Chapel, the second or third oldest Methodist Church in north Alabama, behind Ford's Chapel and the first methodist church in downtown Huntsville.

Bartholomew Jordan was the father-in-law of Mary D. Lanier Jordan. Mary was the daughter of William Lanier. She married Henry Jordan in Madison County in 1821. Her grave was covered in the Jordan – Lanier Cemetery by a stone slab tablet, which at one time may have been the top slab of a box crypt. What remains today is shown in the photos below: