

Providence, RI: Quick Facts

 Providence is the 3rd largest city in New England and is one of the first cities established in the United States.

 Providence was founded in 1636 by Roger
 Williams, who was exiled from the Mass. Bay Colony.

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- After being one of the first cities in the country to industrialize, Providence became noted for its jewelry and silverware industry.
- Today, the City of Providence is home to eight hospitals and seven institutions of higher learning, all of which have shifted the city's economy into service industries, though it still retains significant manufacturing activity.







How did it get there?

- A vast number of changes happened between 1939 and present day that I could not reproduce and visually display clearly through ERDAS.
- The following slides show the two starting photo mosaics which I created followed by the two images merged and lastly change detection between the two images.











What have been the major changes in Providence?

• Major Changes Included:

- Infrastructure improvements
 - River relocation
 - Railroad relocation
 - IWAY relocation project
- Fox Point Hurricane Barrier
- Development of downtown
 - Including Providence Place Mall



William D. Warner



William Warner was an architect in Rhode
Island since the late
1959 and he is
responsible for most of the changes that
occurred in Providence
His major contributions

River relocation
I-195 relocation
Providence Place Mall
India Point Park

Linen napkin that Warner initially drew out his plans for the relocation on while out drinking with friends after work.



Conclusion:

- I did not get the outcome I was looking for from the data I used as I was hoping to have an output file that you would clearly be able to see the changes.
- If I were to do this again I would geo- reference and correct the 1939 photo data "forcefully" and create a mosaic and overlay the 2004 data or newer over it to see the changes in the landscape over 65 years which should produce a fairly interesting data set.

















