



## **Knothe Bruce Architect's Response to Shadow Impact**

Legistar File #32101 and 31935

17-25 N. Webster St and 201 E. Mifflin

March 18, 2014

Shadow studies of the proposed development at 17-25 N. Webster Street were conducted at the autumnal equinox and are included in this document. The date chosen is consistent with the Lamp House report and its studies.

Shadows from the new development have no solar impact during the morning of September 21. At approximately 1:30pm the development starts to impact the lower portion of the Lamp House. It is not until approximately 3pm that the Lamp House roof starts to be impacted by the new development. The development's shadow continues to partially impact the Lamp House roof until 4:30pm, at this time the entire roof becomes shaded.



September 21, 8:00 am



September 21, 10:00 am



September 21, 12:00 pm



September 21, 2:00 pm



September 21, 4:00 pm



September 21, 5:30 pm