The ability of a city to function is tied to its infrastructure, much of which is out of public view, or simply goes unnoticed until it ceases to function.

The Professional Ambulatory Services (C.3) off Concord Avenue are no longer at risk of flooding and consequently only reported at risk to extreme heat. The Eliot Bridge (previously R.14) is no longer considered at risk for flooding and has been removed from the list of assets at risk.

Six major systems were studied in this phase of work:
- Energy
- Critical Services
- Telecommunication
- Roadways & Bridges
- Transit
- Water/Stormwater

With the climate scenarios in hand, the team conducted the vulnerability and risk assessments for each system to determine the most at-risk assets. Figure 21 presents the results of the risk assessments and how data were analyzed and compiled. The map of most at-risk infrastructure (Figure 22) highlights the degree of interconnectivity among the various assets. Cascading impacts based on dependencies on upstream systems, such as an electricity blackout leading to the loss of public transit, was incorporated into the consequence scores, influencing the overall risk scores for infrastructure.

CRITICAL INFRASTRUCTURE UPDATED APRIL 2017

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Fig. 22  **Most At-Risk Infrastructure** (Source: Kleinfelder, April 2017)

**UPDATED APRIL 2017**