

Government Administration and Elections Committee
JOINT FAVORABLE REPORT

Bill No.: HB-6401
AN ACT CONCERNING THE USE OF LOW EMBODIED CARBON CONCRETE
Title: IN STATE CONSTRUCTION PROJECTS.
Vote Date: 03/24/2023
Vote Action: Joint Favorable
PH Date: 3/20/2023
File No.:

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SPONSORS OF BILL:

Government Administration and Elections Committee

REASONS FOR BILL:

This bill seeks to reduce emissions associated with concrete production in any state construction projects administered by the Departments of Administrative Services and the Department Transportation in an effort to combat climate change, by adopting the usage of low carbon concrete in state construction projects.

RESPONSE FROM ADMINISTRATION/AGENCY:

Garrett T. Eucalitto, Commissioner, CT-DOT: Commissioner Eucalitto and the CT-DOT, note their concern with sections of the bill and larger ramifications it may have upon the state. They note how a large portion of the CT-DOT's work is funded by the Federal Highway Administration, and how that requires strict adherence to regulations outlined in the CFR. The CT-DOT concludes their testimony by asking to work with members of the committee to come up with best possible revisions to the bill which do not violate federal law.

NATURE AND SOURCES OF SUPPORT:

Melissa Kops, AIA, LEED AP BD+C, LFA Co-chair of Advocacy, CT Green Building Council: Ms. Kops and CT Green Building Council support the passage of HB-6401, addressing the problem of meeting the Paris climate Agreements to avert the most dangerous affect of climate change. They also define Embodied Carbon and Life Cycle Assessments and provide comprehensive solutions which have been implemented across the continent.

Patrick Grasso, Urban Mining: Mr. Grasso notes his support of HB-6401, noting how "Concrete is an essential building material, but the cement used to make concrete contributes about 7% of our global Green House Gas Emissions". He then notes how urban mining has developed a new kind of concrete which lower CO2 emissions and performs better. They note this product is named "Pozzotive" and list the four benefits of this product being ": (1) an ability to lower the carbon footprint of concrete by over 40%; (2) a large-scale home for our hard to recycle material, (3) a stronger and more durable concrete – most notably, a concrete with a much higher resistance to damaging road salts and; (4) a material made in state". They conclude their testimony by stating how local and state governments can play a large role in setting an example for low carbon concrete.

NATURE AND SOURCES OF OPPOSITION:

Anonymous: Anonymous Opposes All Bills

Reported by: Thomas Togneri

Date: 03-24-2023