



General Assembly

January Session, 2023

Committee Bill No. 6401

LCO No. 5185



Referred to Committee on GOVERNMENT ADMINISTRATION
AND ELECTIONS

Introduced by:
(GAE)

***AN ACT CONCERNING THE USE OF LOW EMBODIED CARBON
CONCRETE IN STATE CONSTRUCTION PROJECTS.***

Be it enacted by the Senate and House of Representatives in General
Assembly convened:

1 Section 1. (NEW) (*Effective October 1, 2023*) (a) As used in this section,
2 (1) "low embodied carbon concrete" means concrete that has reduced
3 global warming potential, in kilograms of carbon dioxide equivalent per
4 cubic meter, compared to industry averages, and (2) "construction
5 project" means the remodeling, alteration, repair or enlargement of any
6 real asset, as described in section 4b-51 of the general statutes.

7 (b) The Commissioner of Administrative Services shall revise the
8 specifications for concrete purchased by the state or by a bidder for
9 construction projects administered by the Department of
10 Administrative Services to prefer the purchase of low embodied carbon
11 concrete whenever feasible. Low embodied carbon concrete shall be
12 used in such projects where (1) such products and materials are
13 available and are within ten per cent of the cost of non-low embodied
14 carbon concrete, and (2) use of the low embodied carbon concrete is
15 consistent with public safety.

16 Sec. 2. Section 13b-20n of the general statutes is repealed and the
17 following is substituted in lieu thereof (*Effective October 1, 2023*):

18 With respect to any contract for the construction, reconstruction,
19 alteration, remodeling, repair or demolition of any public building
20 under the supervision and control of the Commissioner of
21 Transportation which contract is estimated to cost more than five
22 hundred thousand dollars and is not subject to section 4b-51, the
23 Commissioner of Transportation shall award the contract to the lowest
24 responsible and qualified bidder, as defined in section 4b-92, in
25 accordance with regulations which the commissioner shall adopt, in
26 accordance with chapter 54. Such regulations shall establish, at a
27 minimum: (1) Standards for the advertisement of opportunities to bid,
28 (2) objective criteria for evaluating the qualifications of bidders,
29 including, but not limited to, a preference for bidders using low
30 embodied carbon concrete, as defined in section 1 of this act, whenever
31 feasible and consistent with public safety, (3) the procedures for
32 evaluating bids after the prequalification status of a bidder has been
33 verified, and (4) award panels for the purpose of screening submitted
34 proposals, interviewing bidders and making recommendations to the
35 commissioner. Any contract that is subject to section 4b-51 shall be
36 awarded by the Commissioner of Administrative Services in accordance
37 with chapter 60.

38 Sec. 3. Section 13a-95 of the general statutes is repealed and the
39 following is substituted in lieu thereof (*Effective October 1, 2023*):

40 The commissioner may, at any time, call for bids to construct, alter,
41 reconstruct, improve, relocate, widen or change the grade of sections of
42 state highways or bridges. All bids shall be submitted on forms
43 provided by the commissioner and shall comply with the rules and
44 regulations provided in the bid specifications. The commissioner shall
45 state the amount of the bond which shall accompany each bid and shall
46 name the place where bids shall be received and the time and place for
47 opening the same. Each bid shall be accompanied by a surety company

48 bond satisfactory to the commissioner and in such sum as the
49 commissioner determines, and shall be so conditioned that, if the
50 contract is awarded to the bidder, such bidder shall, when required by
51 the commissioner, execute an agreement in writing, to be prepared by
52 said commissioner, with such bond as shall be acceptable to the
53 commissioner, conditioned as provided in section 49-41. In evaluating
54 such bids, the commissioner shall give preference to bidders using low
55 embodied carbon concrete, as defined in section 1 of this act, whenever
56 feasible and consistent with public safety. The commissioner may reject
57 any and all bids if, in the commissioner's opinion, cause exists therefor;
58 but otherwise the commissioner shall award the contract to the lowest
59 bidder deemed to be responsible. The successful bidder shall give
60 evidence satisfactory to said commissioner of such bidder's ability to
61 perform the contract. When such contract is executed by the
62 commissioner and the successful bidder, a copy of the contract, with an
63 estimate of the cost of the work, shall be immediately filed with the
64 commissioner.

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>October 1, 2023</i>	New section
Sec. 2	<i>October 1, 2023</i>	13b-20n
Sec. 3	<i>October 1, 2023</i>	13a-95

Statement of Purpose:

To reduce emissions associated with concrete in any state construction projects administered by the Departments of Administrative Services and Transportation in an effort to combat climate change.

[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]

Co-Sponsors: REP. MCCARTHY VAHEY, 133rd Dist.; SEN. MARONEY, 14th Dist.
REP. BERGER-GIRVALO, 111th Dist.; REP. NUCCIO, 53rd Dist.
REP. GILCHREST, 18th Dist.; REP. KEITT, 134th Dist.
REP. LEEPER, 132nd Dist.

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