



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

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

16 concrete is consistent with public safety.

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 Section 13b-20n of the general statutes is repealed and the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

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

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

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

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

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

GAE *Joint Favorable*