

---

SENATE BILL 5480

---

State of Washington                      64th Legislature                      2015 Regular Session

By Senators King, Hobbs, Miloscia, Rivers, Sheldon, Baumgartner,  
Ericksen, Liias, and Rolfes

Read first time 01/22/15. Referred to Committee on Transportation.

1            AN ACT Relating to establishing a priority for the use, reuse,  
2 and recycling of construction aggregate and recycled concrete  
3 materials in Washington; adding a new section to chapter 70.95 RCW;  
4 and creating a new section.

5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

6            NEW SECTION.        **Sec. 1.**        (1) The legislature finds that the  
7 Washington state highway system is extensive, with over one hundred  
8 seventy-five thousand miles of public, city, county, and state  
9 highway pavements and over eight thousand seven hundred built  
10 structures, built using large quantities of construction aggregates,  
11 asphalt, concrete, steel, and cement. Much of our transportation and  
12 infrastructure system is in need of major rehabilitation or total  
13 reconstruction. These natural resource construction materials used to  
14 build our existing system are too valuable to be wasted and  
15 landfilled. Some of the best natural construction materials produced  
16 in Washington state are already in use for highways, bridges, and  
17 building construction. Effective and responsible recycling is an  
18 effective life-cycle strategy to reuse these construction materials  
19 in the construction of new state and local transportation and  
20 infrastructure projects as well as to repair, reconstruct, and  
21 maintain them.

1 (2) The legislature also finds that the recycling of aggregates  
2 and other transportation construction materials makes sound economic,  
3 environmental, and engineering sense and is in keeping with meeting  
4 Washington state's greenhouse gas reduction priorities. The economic  
5 benefits from the reuse and recycling of these valuable, finite, and  
6 nonrenewable materials can be very effective in reducing the cost of  
7 designing, engineering, and construction of new transportation  
8 projects and will make greater use of limited state and local  
9 transportation funds for additional highway construction,  
10 rehabilitation, preservation, or maintenance projects.

11 (3) The legislature further finds that the reuse of construction  
12 aggregate and recycled concrete materials into new transportation and  
13 infrastructure structure projects is known to:

14 (a) Promote the conservation and protection of permitted and  
15 unpermitted construction aggregate resources;

16 (b) Reduce the need for the consumption of new construction  
17 aggregate materials;

18 (c) Encourage the reuse and recycling of currently classified  
19 waste materials and discourage landfilling of valuable natural  
20 resources;

21 (d) Reduce waste, preserve finite landfill space, and reduce  
22 illegal dumping by encouraging reuse and recycling through sound and  
23 practical environmental best management and handling practices;

24 (e) Reduce truck trips and related transportation emissions;

25 (f) Reduce greenhouse gases related to the construction of new  
26 transportation projects, reduce embodied energy, and improve and  
27 advance the sustainable principles and practices of Washington state  
28 and our transportation system;

29 (g) Reduce project material and construction costs for state and  
30 local level projects; and

31 (h) Be consistent with the governor's executive order No. 13-04  
32 (September 2013), the state department of transportation  
33 sustainability executive order No. E1082.00 (August 2012), and  
34 presidential executive order No. 13423 (January 2007).

35 NEW SECTION. **Sec. 2.** A new section is added to chapter 70.95  
36 RCW to read as follows:

37 (1) The department of transportation, Washington state  
38 construction associations, and local governmental entities must

1 develop and establish criteria and incentives for the reuse and  
2 recycling of construction aggregate and recycled concrete materials.

3 (2)(a) Except as provided in (c) of this subsection, the  
4 department of transportation, Washington state construction  
5 associations, and local governmental entities must adopt a goal and  
6 strategy to recycle seventy percent of construction aggregate and  
7 recycled concrete materials and related construction materials in  
8 state and local transportation and infrastructure projects by 2020.

9 (b) Beginning January 2016, Washington state roadway, street,  
10 highway, and infrastructure projects must use a minimum of twenty-  
11 five percent construction aggregate and recycled concrete materials  
12 and related construction materials and increase the use of such  
13 materials as indicated in (a) of this subsection by a minimum of nine  
14 percent each year through 2020.

15 (c) Any local governmental entity in a county with a population  
16 of less than one hundred thousand must adopt department of  
17 transportation recycling standards as outlined in subsection (3) of  
18 this section, review and determine the capacity for recycling in its  
19 jurisdiction, and establish recycling strategies to reuse  
20 construction aggregate and recycled concrete materials and related  
21 construction materials for roadway, street, highway, and  
22 infrastructure projects in its jurisdiction.

23 (d) Beginning January 2016, and until January 2020, the  
24 department of transportation, state construction associations, and  
25 local governmental entities must report to the legislature in January  
26 of each year on the progress of meeting the 2020 recycling objective.

27 (3) By January 1, 2016, a local governmental entity that has  
28 jurisdiction over a public works transportation or infrastructure  
29 project must adopt the standards as developed by the department of  
30 transportation for the use of recycled materials as shown in the  
31 department's standard specifications for road, bridge, and municipal  
32 construction, section 9-03.21, table 9-03.21(1)E.

33 (4) For purposes of this section, "construction aggregate and  
34 recycled concrete materials" means reclaimed coarse and fine  
35 aggregate cement and concrete mixtures as commonly defined by the  
36 American public works association, the federal highway  
37 administration, and department of transportation specifications.

--- END ---