



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

Mail Stop 3010

February 2, 2016

Via E-mail

J. Brendan Herron
Chief Financial Officer
Hannon Armstrong Sustainable Infrastructure Capital, Inc.
1906 Towne Centre Blvd.
Suite 370
Annapolis, MD 21401

Re: Hannon Armstrong Sustainable Infrastructure Capital, Inc.
Form 10-K
Filed March 9, 2015
File No. 001-35877

Dear Mr. Herron:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Eric McPhee

Eric McPhee
Staff Accountant
Office of Real Estate and
Commodities