

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549-0306

Mailstop 3233

September 8, 2017

<u>Via E-mail</u> J. Brendan Herron Chief Financial Officer and Executive Vice President 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 for Fiscal Year Ended December 31, 2016 Filed February 24, 2017 File No. 001-35877

Dear Mr. Herron:

We have completed our review of your filings. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Robert F. Telewicz, Jr.

Robert F. Telewicz, Jr. Accounting Branch Chief Office of Real Estate and Commodities