Subject: CGR A1094 for A767 Substitution letter

RE: [Project Title]

ASTM A767 Hot-Dipped Galvanized Reinforcing is currently one of the standard reinforcing corrosion protection products specified for this project.

Galvanized Reinforcing bars are fabricated from uncoated rebar stock at a fabrication facility that is then shipped to a galvanizer to be dipped. From the galvanizer the material is retagged, reloaded and then shipped to the jobsite.

There are several challenges associated with this multi-step process that can be detrimental to project cost and schedule:

* Rebar is handled several times at the galvanizer which increases the chance to damage, loss and misplacement.
* Fabrication tags are removed for the galvanizing process and then bundles are retagged, sometimes incorrectly, which can cause confusion by field installation crews.
* The cost and time associated with trucking uncoated material to a galvanizer can be significant – lead times are often two weeks from the time the uncoated rebar leaves the fabrication facility.

ASTM A1094 is galvanizing where rebar is coated continuously before fabrication. A continuous process allows for much better control of the thickness of the galvanized coating, resulting in a thinner pure zinc coating that can be bent after processing without cracking or peeling.

The fabrication shop will access readily available stock of continuously galvanized bars in stock lengths that can be cut, bent and shipped directly to the jobsite once fabricated. The coating on the cut ends is patched with a zinc-rich coating, like the process used with hot-dip galvanized rebar (ASTM A780). The use of Continuously Galvanized Reinforcing eliminates the challenges associated with hot dipped galvanizing, decreases lead times and results in a higher quality end-product for the owner.

As an industry leader, we believe Continuously Galvanized Reinforcing provides the [Owner, General Contractor, Installer] with significant corrosion protection benefits when compared to Hot-Dip Galvanizing, including ease of fabrication, improved lead time and overall quality. I have included product data for Continuously Galvanized Reinforcing for your review.

Thank you for your consideration. The substitution of Continuously Galvanized Reinforcing will be beneficial to the [Owner, General Contractor, Installer and Fabricator] involved in this project.

For additional information and downloadable resources, visit [www.cmc.com/galvabar](http://www.cmc.com/galvabar).