



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



2800 BERLIN TURNPIKE, P.O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546

Phone:

July 3, 2012

Ms. Amy D. Jackson-Grove
Division Administrator
Federal Highway Administration
628-2 Hebron Avenue, Suite 303
Glastonbury, Connecticut 06033

Dear Ms. Jackson-Grove:

Subject: Request for Proprietary Item Approval
State Project Nos. 92-651 (CN) 92-570 (PE)
FAP No. 1092 (140) (Const.)
The Boathouse at Canal Dock – Phase 1
City of New Haven

In 2002, the Connecticut Department of Transportation and Federal Highway Administration committed to the City of New Haven (City) to fund the design and construction of a pile-supported platform, public boathouse, and other eligible improvements as mitigation for impacts incurred by the City under the I-95 New Haven Harbor Crossing Corridor Improvement Program, including the loss of the historic Yale (Adee) Boathouse. The new structure will be constructed off Long Wharf Drive at a site designated as "Reuse Parcel H", which formerly marked the location of Canal Dock, the terminus of the historic Farmington Canal.

The design phase of this project was undertaken by the City and its consultant, Langan Engineering and Environmental Services (Langan), using federal and state funds allocated under PE Project No. 92-570.

The City is requesting authorization for the use of the following proprietary item:

X1002 per specification KAS

HYCRETE X1000 Concrete Admixture

(Included in Major Lump Sum Item for Boathouse Platform, Contract Item No. 0001001A)

Estimated Cost: \$20/CY (1,800 CY proposed = \$36,000)

Justification: The platform to be constructed under Phase I of the project includes a combination of both precast and cast-in-place concrete elements. Long term durability is one of the primary issues associated with concrete structures in marine environments. The specified admixture was selected due to the fact that it improves concrete durability by reducing the adsorption of water and inhibiting the corrosion of reinforcing steel (see enclosed Product Data Sheet). Langan evaluated other available admixtures, but was unable to identify any alternatives that offered the same dual level of protection.

Ms. Amy D. Jackson-Grove

-2-

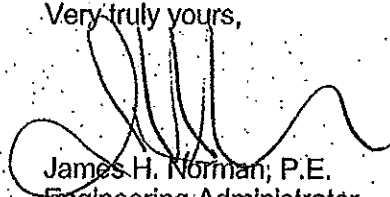
July 3, 2012

Given the significant expenditure of public funds under the subject project, the inclusion of this proprietary admixture to improve the durability of the concrete platform structure represents a prudent investment. As such, it is requested that you approve the use of the Hycrete X1000 for this project without substitution.

X1002 per Specifica
K

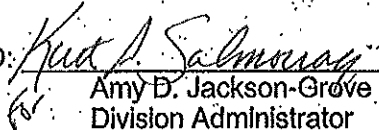
Should you have any questions regarding this matter, please contact Mr. Richard Armstrong, Transportation Principal Engineer, at telephone number (860) 594-3191.

Very truly yours,



James H. Norman, P.E.
Engineering Administrator
Bureau of Engineering and Construction

APPROVED:



Amy D. Jackson-Grove
Division Administrator
Federal Highway Administration

DATE: 7-10-2012

Enclosure.

Specification attached which identifies Hycrete X1002