COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2040-00

Materials Laboratory
Colorado Department of Transportation
4201 East Arkansas Avenue
Denver, Colorado 80222

PART 1: Completed by Product Representative
PART 2: Completed by CDOT Product Evaluation Coordinator
PART 3: Completed by CDOT Expert Product Evaluator
PART 4: Completed by CDOT Materials Engineer

PART 1

Product name: Nova Sound Wall

Product category: Environmental\Sound Walls\Reflective

Product representative (name & address):
Nova Sound Wall Corporation {Kenneth Mann}
16180 Herring Rd.
Colorado Springs, CO 80908
Phone: (719) 495-1311 FAX: (719) 495-1312

Manufacturer (name & address):
Nova Brik-Clalite, Inc
4900 Race St.
Denver, CO 80216
Phone: FAX:

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
A sound wall barrier system consisting of a treated wood frame (Conrad Wood Preserving Company) covered with a concrete product (Nova Brik-Clalite, Inc.). Posts are set into a reinforced concrete filled hole with horizontal structural members attached to the posts. Wooden studs are placed between the horizontal members and attached. Nova Brik is attached per manufacturer's specifications and the wall is capped with a reinforced flashing and concrete caps.

Usage of product, (be specific to CDOT highway activities only):
Wherever a sound barrier is needed or a maintenance free fence is needed.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Nova Sound Walls can be constructed year round, are easier to repair, are less expensive, are less disruptive to existing landscaping during construction, and are a better sound barrier compared to standard masonry walls. Can be constructed to a reasonable height of 12 feet.

Specifications, (identify specifically those applicable) **& Certificate of Compliance** (submittal required):

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO:
- ☐ FHWA :
- ■ other : 1997 Uniform Building Code

Product testing, (national/independent laboratories) **& Certified Test Report** (submittal required):

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : Johns Manville Technical Center Acoustical Lab

State DOT Approvals, (current documentation required):

Evaluation Procedure, (recommended):
Review technical data submitted.

Sample submitted: ■ yes ☐ no ☐ n/a | Materials Safety Data Sheets (MSDS): ■ yes ☐ no ☐ n/a

Notes/Additional Comments
Conrad Wood Preserving Company, 3998 Wildwood Dr., North Bend, OR 97459 [Chemonite (ACZA) treated wood].

Manufacturer's Web-site address: Submit >