

AMERICAN CONCRETE INSTITUTE INTERMOUNTAIN CHAPTER EXCELLENCE IN CONCRETE 2010 AWARDS PROGRAM

ABOUT THE AWARDS

The American Concrete Institute is an international organization dedicated to the advancement of concrete technology through research and education. The ACI Intermountain Chapter has established the **ACI Excellence in Concrete Awards Program** in order to recognize the innovative and aesthetic uses of concrete by owners, architects, engineers, contractors and ready mix producers.

Winners will be recognized at the 2010 23rd annual Excellence in Concrete Awards Banquet to be held **Thursday, March 25, 2010**, at the Rice Eccles Stadium Varsity Room in Salt Lake City, Utah. Each member of the winning project teams will be given an award plaque.

Press releases will be distributed locally to trade journals and nationally to ACI's *Concrete International* magazine.

ENTRY RULES

Nominations will be accepted for projects completed in the Intermountain Chapter area during the past two years for the period from January 1, 2008 through December 31, 2009. See the map on the reverse side for eligibility area. Cast in place, precast and concrete masonry projects will be considered.

Entry submissions must include:

1. Nomination Form
2. Typewritten statement with answers to the attached questionnaire. Concrete pavement and structures entries use the same nomination form, but a separate questionnaire.
3. Attach ten digital pictures (in JPEG format on a disk or CD) with a brief narrative about each picture. You may also include a Power Point presentation using these pictures to show off your project. If a Power Point presentation is submitted, **photos must also be submitted as jpeg files.**
4. Additional supporting data as necessary, e.g.: test summaries, design information, floor flatness data, etc.

All submission materials shall become the sole property of the ACI Intermountain Chapter. This shall include the right to publish photographs and information without compensation to the recipients.

CATEGORIES

(More than one project may be awarded in each category.)

- * **Public Works** - waterworks and transportation structures
- * **Commercial** - office and retail structures
- * **Residential** - single and multi-family housing
- * **Industrial** - manufacturing and warehouse structures
- * **Education** - educational structures
- * **Tilt-up** - office and retail structures
- * **Masonry**
- * **Pavements** - concrete pavements in three categories: parking lots, streets, airports/highways,

Nominations must be received no later than Friday, February 19, 2010.

All entries shall be mailed or delivered to:

ACI Intermountain Chapter
Excellence in Concrete Awards Committee
P.O. Box 473
Tooele, Utah 84074

2010 AWARDS NOMINATION FORM

PROJECT:

name: _____

address: _____ city/state: _____

CATEGORY*:

STRUCTURES:

- ___ public works
- ___ commercial
- ___ residential
- ___ industrial
- ___ educational
- ___ tilt-up
- ___ masonry

PAVEMENTS:

- ___ parking lots
- ___ streets
- ___ airports/highways

SUBMITTED BY:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

OWNER:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

ENGINEER:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

ARCHITECT:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

CONTRACTOR:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

CONCRETE SUPPLIER:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

CONCRETE SUBCONTRACTOR:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

TESTING FACILITY:

name: _____

contact: _____

address: _____

city/state: _____ zip: _____

phone: _____ fax: _____

e-mail: _____

* More than one project in each category may be awarded.

Note: Please complete information as applicable to your project. Information from this form will be used to make the awards and to contact award winners so please be *precise* and *thorough*.

ACI INTERMOUNTAIN CHAPTER EXCELLENCE IN CONCRETE AWARDS QUESTIONNAIRE

STRUCTURES

Please answer the following questions on a separate typewritten document. Please repeat the questions as applicable for the jury's benefit.

1. List the project name, location and category.
2. Give an overview of the project. What unique or unusual concrete features are incorporated in this project? List both structural and architectural concrete elements and/or products.
3. What architectural design successes were realized? This could include specific finishes, shapes, project properties or functions that are benefited by the use of concrete.
4. What engineering design accomplishments were achieved? This could include special systems, spans, unique sections and other structural benefits.
5. What material innovations were required in the specification and implementation in the field? This could include high performance concrete, special reinforcing, coatings, additives, etc
6. What construction innovations were accomplished? This could include special forming, sequencing, scheduling, placement, finishing, curing, etc.
7. What quality-consistency levels were achieved? This could include mix properties history, floor flatness, tolerances, etc
8. What types of patching or repair were needed/allowed? What coatings or protective membranes (if any) were used on the project?
9. How does concrete benefit the owner of this project? Please attach a separate letter from the owner to answer this question.
10. Attach at least 10 digital pictures in JPEG format on a disk or CD of your project. Label them with the project name and year completed. **Include a brief narrative of each picture.**

*Projects submitted with incomplete information
or without pictures will not be considered.*

ACI INTERMOUNTAIN CHAPTER EXCELLENCE IN CONCRETE AWARDS QUESTIONNAIRE

PAVEMENTS

1. List the project name, location and category.

PAVEMENT SMOOTHNESS

2. How was pavement smoothness specified and measured? List specification requirements including incentives. Include profilograph measurements if available; otherwise indicate straight edge measurements.
3. What were the key factors in achieving a smooth concrete pavement? This may include sub-base quality, equipment, mix uniformity, personnel, incentives, etc.
4. Was a bonus awarded for smoothness? If so, indicate requirements and amount.

QUALITY

5. What quality-consistency levels were achieved? Include history showing strengths, air content, thickness measurements, number of grinds per mile, etc. What were the standard deviations on strengths, air and thickness?
6. Describe procedures used to ensure quality standards were met on the project.
7. What quality problems were encountered on the project? How were they resolved?
8. What was the extent of random cracking on the project? List number of cracks per mile or otherwise quantify.

COMPLEXITY

9. List project size, number of intersections, bridges, interchanges, manholes and other criteria that indicate complexity. List the work zone traffic volume. How was traffic control provided? Include any special traffic control measures or work hour requirements.
10. List the number of active businesses along the project if applicable. How were these businesses ensured proper access during construction? What special access problems were encountered? How were they resolved?

INNOVATION

11. Describe any special accessories or modifications to paving equipment or procedures. Examples include dowel bar inserters, computer controls, unique schedules, etc. How did these modifications affect quality and productivity?
12. Describe innovations in design, specifications, contracting procedures, or construction. Were fast track concrete procedures used? If so, please describe.
13. Describe any community relations activities which took place during construction. Include any printed material which was distributed.

CONSTRUCTION AND FINISHED PROJECT PHOTOS

14. Attach ten digital pictures in JPEG format on a disk or CD of your project. Label them with the project name and year completed. **Include a brief narrative of each picture.**