

# SBE TODAY

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## New \$1.5B Round of Levee Work Planned for Sacramento River



Online Water rushes through the gates of the Sacramento Weir allowing water to flow into the Yolo Bypass. Diverting the water into the Yolo Bypass reduces the water levels on the Sacramento River. Lezlie Sterling Sacramento Bee Staff Photo

By Matt Weiser

A massive new round of levee improvements is ahead for Sacramento over the next decade, this time focusing primarily on the Sacramento River south of downtown.

The work is estimated to cost nearly \$1.5 billion and will be concentrated on levees adjoining Land Park, Greenhaven, the Pocket and Little Pocket neighborhoods. The proposed work includes building deeper seepage walls inside the levees and more protection from erosion.

Another project involves nearly doubling the width of the Sacramento Bypass, a structure across from Natomas that diverts Sacramento River flood flows into the Yolo Bypass through a weir. The project includes building a second weir to feed the wider bypass.

The proposal comes just as Sacramento's Natomas Basin is emerging from seven years of flood-safety restrictions that stymied construction and imposed steep flood-insurance rates on thousands of property owners. The building restrictions are poised to be lifted this summer, while the insurance requirement will continue.

Sacramento officials hope to spare neighborhoods south of downtown from the same fate by getting started now on major levee upgrades.

The U.S. Army Corps of Engineers and Sacramento Area Flood Control Agency unveiled the package of projects recently and are planning a series of public meetings in April.

The work is triggered by several recent changes in flood-control policy.

First is a long-running project by the Federal Emergency Management Agency to assess flood risk more accurately. Known as a "remapping," it involves adopting new flood-risk maps designed to account for new research by the Army Corps and others on levee stability, and more accurately assessing risks to life and property behind levees.

The Sacramento River levees are at risk of being downgraded as part of the remapping process, potentially triggering a flood-insurance requirement for tens of thousands of Sacramento property owners in Land Park, the Pocket and other neighborhoods. A similar downgrade has afflicted Sacramento's Natomas region since December 2008. This resulted in a de facto building moratorium that is expected to be lifted later this year as levee upgrades worth \$1 billion continue in the region.

"We're trying to be actively moving forward so that FEMA will not start the remapping process," said SAFCA executive director Rick Johnson. "That's really what our goal is there."

A second factor is state legislation approved several years ago that requires all urban areas in California to meet a 200-year level of flood protection. That means the ability to withstand a flood with a half-percent chance of striking in any given year. This is double FEMA's 100-year standard to avoid a flood-insurance requirement. Sacramento is required to meet the 200-year standard.

Officials emphasized the levees in question are not considered unsafe. They simply do not meet newer safety standards. "Through the corps' review and SAFCA's own review of these levee systems, we realized they're just not meeting design standards," said Pete Ghelfi, director of engineering at SAFCA. "From a public safety standpoint, we want to move as quickly as possible to get this done."

■ Continued on page 3

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# California Sub-Bid Request Ads



591 Camino de la Reina, Suite 1250 | San Diego, CA 92108  
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Invitation to Bid from certified MBE, WBE, and HUBZone Small Business  
 Subcontractors, Material and/or Suppliers, and Professional Services for:

**REPLACE 13TH STREET BRIDGE  
 VANDENBERG AIR FORCE BASE, SANTA BARBARA COUNTY, CA  
 Solicitation No. W9122PL-15-R-0012; Project No. XUMU131026B**

**OWNER: U.S. Army Corps of Engineers, Los Angeles District  
 LOCATION: Santa Barbara, CA  
 COUNTY: Santa Barbara County  
 BID DEADLINE: Wednesday, April 15, 2015  
 DBE Goal: Each Trade: 19.7%; Female: 6.9%**

**Quotes for Services & Supplies requested for the following items for bid including, but not limited to:** Dewatering, AC Paving, Reinforcing Steel, Shoring/Sheeting, Striping/Pavement Markings, Metal Beam Guard Rail, Landscaping/Irrigation, Bridge Demolition, Erosion Control, Fencing, CIDH Pile, Electrical, SWPPP

Opportunities for quotations will be needed throughout the life of the project. Terms and conditions should be made part of the quotations.

100% performance and payment bonds may be required for the full amount of the subcontract price. Pulice Construction, Inc. will assist with obtaining bonding, lines of credit, insurance by encouraging the DBE to work with state supportive services programs. All responsive subcontractors must possess a current contractor's license, insurance, and worker's compensation coverage complying with Pulice Construction, Inc. requirements and will be required to sign the standard Subcontract Agreement

Pulice Construction, Inc. will analyze and consider each DBE quote received, including those that are broken down into economically feasible units to facilitate bidding. Quotes must be valid for the same period of time as specified by Owner for contract award. Any conditions or exceptions in Subcontractor's quote are expressly rejected unless accepted in writing.

**Required Form(s): Plans and Specifications** available online at [www.pulice.sharefile.com](http://www.pulice.sharefile.com). Send DBE certification (CUCP) with quote. Non DBE- Subs/Suppliers: Indicate 2nd tier DBE participation offered on your quotation as it will be evaluated with your price.

Pulice Construction, Inc. is committed to ensuring that DBE has the maximum opportunity to successfully perform on this project, and to making good faith efforts to achieve the DBE goal.

RGW Construction Inc. is seeking all qualified DBE (Disadvantaged Business Enterprises) for the following project:

**Alhambra Valley Road Safety Improvements-East of Bear Creek Road  
 Contra Costa County Project No. 0662-6R4101  
 Federal Aid Project No. HRRRL 5928(098), HSIPL 5928(098)  
 Engineer Estimate: \$1,340,000 - 75 Working Days - Goal: DBE 20.68%  
 Bids: April 14, 2015 @ 2:00pm**

**RGW is requesting quotes for (including but not limited to):** Fabric & Oils, Traffic Control, Cold Plane, Roadway Excavation, Hydroseeding, Erosion Control, Aggregate Base, Asphalt Paving, Rebar-6"x6"x10 WWM, Signs Roadside, Rock Slope Protection, Fencing, MBGR, Thermoplastic Traffic Stripe & Marking, Pavement Marking, SWPPP Planning, Water Truck, Sweeper, Storm Drain & Trucker.

**Scope of Work:** Shoulder widening along Alhambra Valley Road, including curve realignment, slope buttressing, cut & fill, roadside sign modifications, culvert replacement, concrete driveway conforms and ditches, traffic striping and tree planting.

RGW is willing to breakout any portion of work to encourage DBE participation. Contact us for a specific item list.

Plans and Specs are available to view and copy at our office or the Contra Costa Public Works Online Planroom at [www.cccounty.us/pwprojects](http://www.cccounty.us/pwprojects). Contact Andy Eldridge [andrew.eldridge@rgwconstruction.com](mailto:andrew.eldridge@rgwconstruction.com), 925-606-2400 for any questions, including bonding, lines of credit, or insurance or equipment or material suppliers. Subcontractors should be prepared to submit payment and performance bonds equal to 100% of their quotation. For bonding and other assistance, please call.

## RGW Construction, Inc.

Contractors License A/B 591940  
 550 Greenville Road • Livermore, CA 94550 • Phone: 925-606-2400 • Fax: 925-961-1925  
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Request for Qualified DVBE  
 Subcontractors/Vendors

**Balboa High School Boiler Replacement  
 San Francisco Unified School District**

**Project #11744**

**Bid Date: 4/7/2015**

**Trades:** Demo & Insulation  
 Bonding may be required

## Cornely Company

1127 Mission Street • San Francisco, CA 94103  
 Phone: 415-252-1800 • Fax: 415-252-1813  
 Contact: Kevin Gray

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Request for Qualified DVBE  
 Subcontractors/Vendors

**Mission High and Leonard Flynn  
 Elementary School Boiler Replacements  
 San Francisco Unified School District**

**Project #11736 and 11742**

**Bid Date: 4/7/2015**

**Trades:** Demo & Insulation  
 Bonding may be required

## Cornely Company

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 Contact: Kevin Gray

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Sub Bids Requested From Qualified  
 DBE Subcontractors & Suppliers for  
**Contra Costa County - Orwood Road Bridge  
 Replacement  
 (Engineer's Estimate = \$7,256,000;  
 Project Duration = 360 working days)  
 Project No. 0662-6R4076  
 Location: Contra Costa County, CA  
 Bid Date: April 7, 2015 @ 2:00 PM**

McGuire and Hester is seeking qualified sub-contractors in the following trades: construction staking; quality control; striping (temporary & permanent); temporary signal & lighting system; SWPPP; hydroseed; asbestos compliance plan; fencing; electrical; metal beam guard rail; construction area signs; clearing & grubbing; concrete barrier; CIDH; prepare & stain concrete; metal bicycle railing & metal railing; cable railing; vibration monitoring; hydro-acoustic sound level control; bridge demolition; reinforcing steel; precast/prestressed concrete deck slabs; and joint seal.

We will pay up to and including one and one-half percent (1-1/2%) of your bonding cost. Certification assistance is available, as well as viewing plans and specs.

## McGuire and Hester

9009 Railroad Avenue • Oakland, CA 94603  
 Phone: (510) 632-7676 • Fax: (510) 562-5209  
 Contact: Keith Ones

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# California Sub-Bid Request Ads

**Shimmick Construction Company, Inc.**

SBE Subcontractor/Supplier Bids Requested For:

**706 Mission Street Co., LLC**

**General Contractor: Webcor Builders**

**706 Mission Street – The Mexican Museum**

**Bid Date: April 3, 2015 · Fax all quotes to 510-777-5099**

Requesting qualified SBE certified Subcontractor and Supplier Quotes on: **Concrete Building, Contaminated Soil, Coring, Demolition, Dewatering, Drill Blast, Earthwork, Piles – Micro, Shoring, Soil Stabilization, Survey, Tiebacks, Traffic Control, Falsework Material, & Lumber**

Bid Plans and Specifications may be purchased via ARC Northern California – (415) 495-8700 <http://www.e-arc.com> or may be viewed by appointment only at Shimmick Construction's Office: 8201 Edgewater Drive, Suite 202, Oakland, CA 94621, Phone: 510-777-5050

Subcontractors and Suppliers interested in this project may contact Kyle Nelson by phone at (510) 777-5086 or [knelson@shimmick.com](mailto:knelson@shimmick.com).

100% Performance and Payment bonds with a surety company subject to approval of Shimmick Construction Company, Inc. are required of subcontractors for this project. Shimmick Construction will pay bond premium up to 1.5%. Subcontractors will be required to abide by terms and conditions of the AGC Master Labor Agreements and to execute an agreement utilizing the latest SCCI Long Form Standard Subcontract incorporating prime contract terms and conditions, including payment provisions. Shimmick Construction's listing of a Subcontractor is not to be construed as an acceptance of all of the Subcontractor's conditions or exceptions included with the Subcontractor's price quote. Shimmick Construction requires that Subcontractors and Suppliers price quotes be provided at a reasonable time prior to the bid deadline to enable a complete evaluation. For assistance with **bonding, insurance or lines of credit contact Scott Fairgrieve at (510) 777-5000**

**Shimmick Construction Company Inc.**

8201 Edgewater Drive, Suite 202 • Oakland, CA 94621

Phone (510) 777-5000 • Fax (510) 777-5099

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Sub Bids Requested From Qualified DVBE Subcontractors & Suppliers for

**Oakland Unified School District  
Skyline High School Turf Field Replacement**

**Project No. 13197**

**Location: Oakland, CA**

**Bid Date: April 8, 2015 @ 2:00 PM**

McGuire and Hester is seeking qualified subcontractors in the following trades: trucking; turf; fencing; and track surfacing.

We will pay up to and including one and one-half percent (1-1/2%) of your bonding cost. Certification assistance is available, as well as viewing plans and specs.

**McGuire and Hester**

9009 Railroad Avenue • Oakland, CA 94603

Phone: (510) 632-7676 • Fax: (510) 562-5209

**Contact: Kevin Exberger**

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## New \$1.5B Round of Levee Work Planned for Sacramento River

**Continued from page 1**

That means SAFCA will borrow from its play-book in Natomas. The normal route to construction for a flood-control project of this size is to wait for authorization and funding from Congress. Then a local agency such as SAFCA offers up its share of the funding, and construction begins. That process can take years, if not decades.

Instead, SAFCA will spend about \$160 million to start building the most critical levee segments -- with the blessing of the Corps of Engineers -- and be reimbursed later by the federal government. It hopes to start construction in 2017.

Improvements to meet the new standards could require wider and taller levees on some portions of the Sacramento River in some of the most heavily urbanized sections of the city. But there isn't room for bigger levees in the Pocket and parts of Land Park, because development was allowed to occur too close to those levees decades ago. Enlarging the levees would require buying millions of dollars in real estate and relocating hundreds of families and businesses.

The proposed project is designed to avoid that disruption by enlarging the Sacramento Bypass. The bypass, north of the American River confluence and across the Sacramento River from Natomas, was built a century ago to divert floodwaters away from Sacramento.

When the river is flooding, gates in the Sacramento Weir are opened manually, diverting a portion of the river's flow into the Sacramento Bypass, which sends that water into the Yolo Bypass.

This reduces flood depths downstream for the city of Sacramento.

By nearly doubling the width of the bypass and adding a second weir to feed it, the proposed project will slash flood depths even further, reducing the need to raise and widen levees downstream.

About 9 miles of levee along the Sacramento River must be upgraded with new seepage walls, which consist of an impervious material poured into deep trenches cut within the levee. For Pocket-area residents, this work will seem like *déjà vu*. The neighborhood has seen numerous seepage wall projects over the past several decades. But safety standards now require deeper walls. In some cases, the new seepage walls will serve as a levee strengthening tool, designed to anchor the levees more solidly to deeper soil layers.

In North Sacramento, several miles of Arcade Creek and the Natomas East Main Drainage Canal would see similar seepage control work under the plan. Some of these levees also need to be raised to contain deeper floodwaters.

About 800 mature trees may have to be removed for all this work, representing about 10 percent of some 8,000 trees growing on the affected levees.

The plan includes extensive work to prevent erosion along the Sacramento River and the American River. This would involve reshaping the levee surface and placing large rocks on the levee slope. New planting berms are planned in some locations to disguise the rock.

**Source: <http://california.construction.com>**

**PROPOSED MAJOR LEVEE IMPROVEMENTS**

The U.S. Army Corps of Engineers and Sacramento Area Flood Control Agency are proposing \$1.5 billion in levee work to boost flood protection, primarily focusing on the Sacramento River south of its confluence with the American River.



Sources: Army Corps, SAFCA

Sharon Okada [sokada@sacbee.com](mailto:sokada@sacbee.com)

# The Case For and Against Millennials as the Greatest Entrepreneurial Generation (Infographic)

Will millennials prove themselves the greatest entrepreneurial generation, or the lost entrepreneurial generation? That is the question.

The generation born between 1981 and 1997 has grown up on the Internet and had access to entrepreneurship courses in college like no generation before, according to entrepreneurship organization the Kauffman Foundation in its 2015 State of Entrepreneurship Study.

At the same time, they also have a dubious amount of student loan debt to pay off, and many millennials struggled to find a job right out of college. Work experience and money in the bank are huge benefits for starting a business.

Have a look at the infographic, embedded below, summarizing why millennials are ideally suited to jump start declining rates of entrepreneurship in the U.S. and what's holding them back.

See more infographic at the link below:

<https://assets.entrepreneur.com/static/1427482446-millennials-info.jpg>

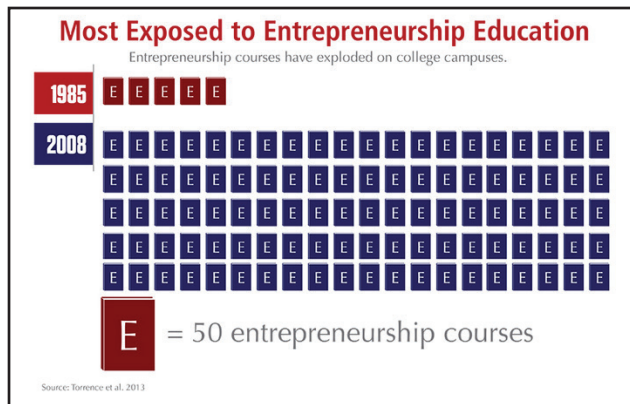
Source: <http://www.entrepreneur.com>



## MILLENNIAL ENTREPRENEURS

Will they be America's GREATEST or LOST entrepreneurial generation?

Born from 1981-1997, Millennials represent approximately 75 million Americans today. By 2025, they could represent up to 75 percent of the American workforce. The oldest Millennials turn 34 this year, entering the prime age, historically, for entrepreneurship.

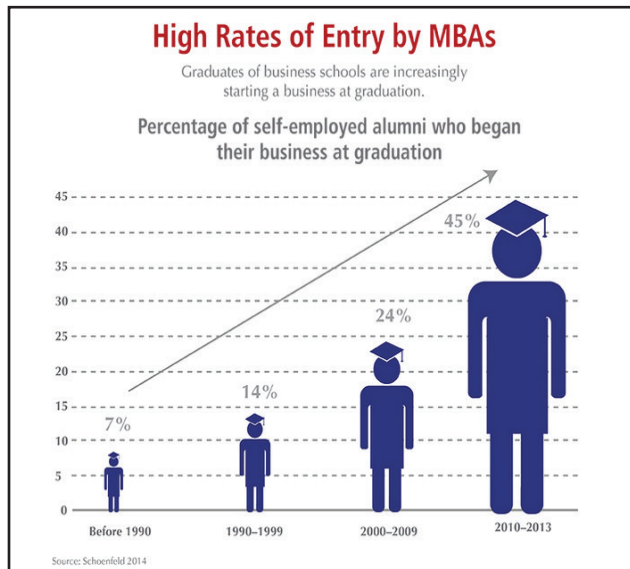
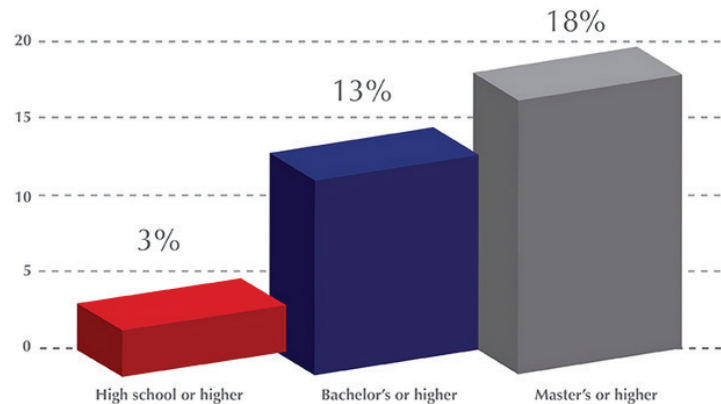


### Why Might We Expect Millennials to be America's Greatest Entrepreneurial Generation?

#### Most Educated Generation

High levels of education equate to greater entrepreneurial success.

Change in the percent of 25- to 29-year-olds with selected levels of educational attainment, 2007-2013



Unemployment and underemployment at the beginning of one's career can depress lifelong earnings.

| UNDEREMPLOYMENT |                       |                       |
|-----------------|-----------------------|-----------------------|
| Ages            | October-December 2007 | October-December 2009 |
| 16-19           | 4.9                   | 9.4                   |
| 20-24           | 5.2                   | 10.6                  |
| 25-29           | 3.7                   | 7.7                   |
| 30-34           | 2.9                   | 6.7                   |

Source: Sum & Khatiwanda 2010

### Falling Rates of Young Entrepreneurs

Share of new entrepreneurs ages 20-34

**35%** (1996) | **23%** (2013)

Source: Fairlie 2014