

## A Deadly Trade-Off, a Favoring of Younger Age Cohorts, Hazard Pay, and Other Nightmares



[ Article was originally posted on  
[www.constructconnect.com](http://www.constructconnect.com) ]

By Alex Carrick,

The number of coronavirus hospitalizations and deaths keeps climbing. Authorities in the medical community say the crest of the health crisis appears to still lie weeks, possibly months, away.

Meanwhile, measures to slow the spread of the disease through limiting personal contact have caused business closures and job losses that are sending the stock markets and business activity into free fall.

It's the old conundrum writ large...being between a rock and a hard place.

President Trump, clearly frustrated and with an eye towards November's election, has said the solution shouldn't be worse than the problem. He's now talking about a relaxation of sequestration measures to restore some normalcy to everyday life.

He'll be announcing his decision by March 30th.

To be clear, what's being talked about by the President and his advisors is a distressing-to-contemplate trade-off. Boiled down to its essence, a judgement may soon be made that a higher degree of severe illness and mortality is an acceptable

price to pay to cushion a falling economy.

You, dear reader, may soon be forced to decide where you come down on this issue.

### A V-Shaped Recovery? Not Likely

Such a federal directive would butt heads with provisions put in place by governors at the state level and by mayors at the municipal level, so it's not clear how widely it would be adopted anyway. Nevertheless, it would signal a change in thinking at the highest level of government.

Also unclear is the extent to which the economy can be helped at this moment in time regardless.

The U.S. harbors a nearly \$22 trillion economy. The \$2 trillion stimulus package being worked out in Congress will provide a backstop of sorts. Consumer spending will be supported by wage supplements and unemployment relief funds and the hardest-pressed industries, such as the airline sector, will receive survival funding.

The notion that there will be a quick turnaround, or a V-shaped setting-right of what has gone terribly wrong, will, however, likely prove false. That's not how recoveries work.

Businesses, catching a whiff of more optimism—i.e., what the President is always trying to sell—don't simply go out and hire more workers. They

wait until the demand for their products and services has picked up once again. This may take an extended time period. They also need assurance that such an uplift will be sustainable.

### De-Sequestration by Age Cohort

There are suggestions that workers may be allowed to return to work based on their age cohort. For example, younger individuals up to the age of 39 may be allowed back first. A later second wave would include those aged 40-49, and so on.

Evidence is increasingly suggesting, though, that susceptibility to COVID-19 is not as age-specific as once thought.

Allowing people to return to work, no matter what their age, may backfire disastrously. Rather than helping the economy, it may result in many more health emergencies, an overburdening of medical care capacity and a sidelining of staff that will make the carrying out of normal operations impossible anyway.

There are already categories of 'essential' employment where worker retention is beginning to necessitate 'hazard pay.' Amazon, to ensure it can meet greatly expanded demand from shut-in customers, has committed to paying its workers more. Walmart, as a key remaining walk-in des-

Continued on page 7



# California Sub-Bid Request Ads

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: **QUINN HANCE**  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
An Equal Opportunity/  
Affirmative Action Employer

DeSilva Gates Construction (DGC)  
is preparing a bid as a Prime Contractor  
for the project listed below:

**PLEASANT HILL ROAD IMPROVEMENT PROJECT  
(GREGORY LANE TO TAYLOR BOULEVARD)**  
Project No. 01-20,  
Federal Project No. STPL-5375(034)  
Disadvantaged Business Enterprise Goal  
Assigned is 8%

**OWNER:**  
**CITY OF PLEASANT HILL**  
100 Gregory Lane, Pleasant Hill, CA 94523  
**REVISED BID DATE: April 8, 2020 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**ADJUST IRON, COLD PLANE, MISCELLANEOUS IRON AND STEEL FRAME COVER AND GRATE, STRIPING, SURVEY/STAKING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TEMPORARY EROSION CONTROL, TESTING, TRUCKING, WATER TRUCKS, STREET SWEEPING, EROSION CONTROL MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 Colledge Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is [ftp@desilvagates.com](ftp://ftp%25desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com)) or from the Owner's site at <http://www.ci.pleasant-hill.ca.us/363/Projects-Under-Bid>

Fax your bid to (925) 803-4263 to the attention of Estimator Quinn Hance. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: **JIM YACKLEY**  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
An Equal Opportunity/  
Affirmative Action Employer

DeSilva Gates Construction (DGC)  
is preparing a bid as a Prime Contractor  
for the project listed below:

**ELK GROVE-FLORIN ROAD BRIDGE  
AND WIDENING PROJECT**  
Contract No. 4417,  
Federal Aid Project No. BRLS 5924(142)  
Disadvantaged Business Enterprise Goal  
Assigned is 16%

**OWNER:**  
**COUNTY OF SACRAMENTO**  
9660 Ecology Lane, Sacramento, CA 95827

**REVISED BID DATE: APRIL 16, 2020 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**AC DIKE, ADJUST IRON, BRIDGE, BRIDGE REMOVAL, ELECTRICAL, FENCING, HYDROSEEDING, IRRIGATION, LANDSCAPING, MINOR CONCRETE, MINOR CONCRETE STRUCTURE, ROADSIDE SIGNS, ROADWAY EXCAVATION, SLURRY SEAL, STRIPING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, UNDERGROUND, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL, ASPHALT BINDER.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 Colledge Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is [ftp@desilvagates.com](ftp://ftp%25desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com)) or from the Owner's site at <http://www.saccounty-bids.net/>

Fax your bid to (925) 803-4263 to the attention of Estimator Jim Yackley. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.

## CLASSIFIED AD



### RCS Inc.

Kim Romero, President  
[kromero777@gmail.com](mailto:kromero777@gmail.com)  
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**San Francisco, CA 94107**  
**Email: [sbe@sbeinc.com](mailto:sbe@sbeinc.com)**  
**Website: [www.sbeinc.com](http://www.sbeinc.com)**  
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# California Sub-Bid Request Ads

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: QUINN HANCE  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
An Equal Opportunity/  
Affirmative Action Employer

DeSilva Gates Construction (DGC)  
is preparing a bid as a Prime Contractor  
for the project listed below:

**STOCKTON METROPOLITAN AIRPORT  
REHABILITATE TAXIWAY D PHASE 2 MILL  
AND OVERLAY PROJECT**  
Bid No. 2020-AIP-42B,  
RS&H No. 226-0004-033  
Disadvantaged Business Enterprise Goal  
Assigned is 1.5%

OWNER:  
COUNTY OF SAN JOAQUIN  
DEPARTMENT OF AVIATION  
5000 South Airport Way, Room 202,  
Stockton, CA 95206

**REVISED BID DATE: APRIL 22, 2020 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**COLD PLANE, EROSION CONTROL, PAVEMENT MILLING, STRIPING, SURVEY/STAKING, TRUCKING, WATER TRUCKS, STREET SWEEPING, EROSION CONTROL MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from the Owner's site at <http://www.e-arc.com/ca/stockton>

Fax your bid to (925) 803-4263 to the attention of Estimator Quinn Hance. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: VICTOR LE  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
An Equal Opportunity/  
Affirmative Action Employer

DeSilva Gates Construction (DGC)  
is preparing a bid as a Prime Contractor  
for the project listed below:

**CALTRANS RTE 87 - IN SANTA CLARA COUNTY  
IN SAN JOSE FROM ROUTE 87/880  
SEPARATION TO ROUTE N87-N101/ 101  
CONNECTOR SEPARATION  
CONTRACT NO. 04-3Q4404  
FEDERAL AID PROJECT NO. ACNH-P087(033E)  
Disadvantaged Business Enterprise Goal  
Assigned is 12%**

OWNER:  
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
1727 30th Street, Bidder's Exchange, MS 26,  
Sacramento, CA 95816

**BID DATE: APRIL 7TH, 2020 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**CONSTRUCTION AREA SIGN, ELECTRICAL, LEAD COMPLIANCE PLAN, STRIPING, SWPPP PREP/WATER POLLUTION CONTROL PLAN PREPARE, TRAFFIC CONTROL SYSTEM, TRUCKING, WATER TRUCKS, STREET SWEEPING, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from the Owner's site at [www.dot.ca.gov/hq/esc/oe/weekly\\_ads/all\\_adv\\_projects.php](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/all_adv_projects.php)

Fax your bid to (925) 803-4263 to the attention of Estimator Victor Le. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: ERIC ALLRED  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
An Equal Opportunity/  
Affirmative Action Employer

DeSilva Gates Construction (DGC)  
is preparing a bid as a Prime Contractor  
for the project listed below:

**CONSTRUCTION ON STATE HIGHWAY  
IN NEVADA COUNTY AT HIGGINS CORNER FROM  
0.20 MILE SOUTH OF WOLF ROAD/COMBIE ROAD  
TO 0.30 MILE NORTH OF WOLF ROAD/  
COMBIE ROAD**  
Contract No. 03-3H6404,  
Federal Aid Project No. ACHSNH-P049(180E)  
Disadvantaged Business Enterprise Goal  
Assigned is 13%

OWNER: STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
1727 30th Street, Bidder's Exchange, MS 26,  
Sacramento, CA 95816

**BID DATE: APRIL 1ST, 2020 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**AC DIKE, CLEARING AND GRUBBING/DEMOLITION, COLD PLANE, CONSTRUCTION AREA SIGNS-BARRICADE & CHANNELIZER, ELECTRICAL, EROSION CONTROL, FENCING, LANDSCAPING & IRRIGATION, LEAD COMPLIANCE PLAN, METAL BEAM GUARDRAIL, MINOR CONCRETE, MINOR CONCRETE STRUCTURE, CRCP & STRUCTURAL CONCRETE PAVING, ROADSIDE SIGNS, RUMBLE STRIP, STRIPING, SURVEY/STAKING, SWPPP PREP/WATER POLLUTION CONTROL PLAN PREPARE, TEMPORARY EROSION CONTROL, TRAFFIC CONTROL SYSTEMS, UNDERGROUND, VEGETATION CONTROL, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, HOT MIX ASPHALT (OGFC) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from the Owner's site at [www.dot.ca.gov/hq/esc/oe/weekly\\_ads/all\\_adv\\_projects.php](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/all_adv_projects.php)

Fax your bid to (925) 803-4263 to the attention of Estimator Eric Allred. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.



# California Sub-Bid Request Ads

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: ERIC ALLRED  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
An Equal Opportunity/  
Affirmative Action Employer

DeSilva Gates Construction (DGC)  
is preparing a bid as a Prime Contractor  
for the project listed below:

**CALTRANS ROUTE 84 - CONSTRUCTION ON  
STATE HIGHWAY IN YOLO COUNTY NEAR  
WEST SACRAMENTO FROM 3.7 MILES NORTH  
OF CLARKSBURG ROAD TO 4.0 MILES NORTH  
OF BABEL SLOUGH ROAD,  
Contract No. 03-2H4604,  
Federal Aid Project No. ACNH-P084(052)E  
Disadvantaged Business Enterprise Goal  
Assigned is 9%**

**OWNER:  
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
1727 30th Street, Bidder's Exchange, MS 26,  
Sacramento, CA 95816**

**BID DATE: APRIL 9, 2020 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**COLD PLANE, CONSTRUCTION AREA SIGNS,  
EMULSION SUPPLIER, LEAD COMPLIANCE  
PLAN, STRIPING, TEMPORARY EROSION CONTROL,  
TESTING, TRAFFIC CONTROL SYSTEMS,  
TRUCKING, WATER TRUCKS, STREET SWEEPING,  
HOT MIX ASPHALT (TYPE A) MATERIAL,  
RUBBERIZED HMA (OPEN GRADE) MATERIAL.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from the Owner's site at [www.dot.ca.gov/hq/esc/oe/weekly\\_ads/all\\_adv\\_projects.php](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/all_adv_projects.php)

Fax your bid to (925) 803-4263 to the attention of Estimator Eric Allred. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: JACK SHEWMAKER  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
An Equal Opportunity/  
Affirmative Action Employer

DeSilva Gates Construction (DGC)  
is preparing a bid as a Prime Contractor  
for the project listed below:

**STREET RESURFACING 2020 PROJECT,  
CIP NO. 4296  
Federal Project No. STPL-5314 (011)  
Disadvantaged Business Enterprise Goal  
Assigned is 23%**

**OWNER: CITY OF MILPITAS,  
455 East Calaveras Blvd., Milpitas, CA 95035**

**BID DATE: APRIL 17TH, 2020 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**ADJUST IRON, CONSTRUCTION AREA SIGNS,  
CRACK SEALING, MINOR CONCRETE, PAVEMENT MILLING, SLURRY SEAL, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TRAFFIC CONTROL SYSTEMS, WATER TRUCKS, STREET SWEEPING, HOT MIX ASPHALT (TYPE A) MATERIAL.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from Prints Charles Reprographics (408)240-3330, [www.printscharlesrepro.com](http://www.printscharlesrepro.com), or [incoming@printscharlesrepro.com](mailto:incoming@printscharlesrepro.com).

Fax your bid to (925) 803-4263 to the attention of Estimator Jack Shewmaker. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

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## Kiewit

**Kiewit Infrastructure West Co.**  
4650 Business Center Drive Fairfield, CA 94534  
Attn: Victor Molina • [norcal.bids@kiewit.com](mailto:norcal.bids@kiewit.com)  
Fax: 707-439-7301

Requests sub-bids from qualified California Unified Certification Program (CUCP) certified Disadvantaged Business Enterprises (DBE) Subcontractors, Consultants, and/or Suppliers seeking to participate in the construction on state highway in Solano County, in and near Fairfield.

<https://cucp.dot.ca.gov/cucp/>

Subcontractors and Suppliers  
for the following project:

**I-80/I-680/Route 12 Interchange Package 2A  
Contract No. 04-0A53CM  
Construction Manager/General Contractor (CM/GC)  
Owner: Caltrans**

**Quotes Due: April 3, 2020 by 12:00 P.M.**

**Disadvantaged Business Enterprises (DBEs)**

wanted for the following scopes, including, but not limited to: Aggregates, AC Milling & Paving, AC Dike, Bridge Bearings, Bridge Demolition, Concrete Barriers, Concrete - Minor, Concrete - Structural, Concrete Supply, Concrete Reinforcing, Concrete Pumping, Concrete Washouts, Concrete - Precast, Crash Cushions, Deck Grinding, Demo, Electrical, Erosion Control, Falsework, Fencing, Formliners, Geotextiles, Guardrail System (MBGR), Industrial Hygienist, Joint Sealant, K-rail, Landscaping, Lime Treatment, Metals, MSE Walls, Pavement Markings, Piling, Piping, Potholing, Prestressing Concrete, Sawcutting, SWPPP, Shoring, Signage, Survey, Traffic Control, Trucking & Hauling, Water & Sweeper Truck, Welding, Wick Drains.

Bonding, insurance and any technical assistance or information related to the plans or specification and requirements for the work will be made available to interested CUCP certified, DBE suppliers and subcontractors. Assistance with obtaining necessary equipment, supplies, materials, or services for this project will be offered to interested certified suppliers and subcontractors.

**Subcontractor and Supplier Scopes  
are due March 27, 2020 at 5 PM.**

You can view the plans in our office during regular business hours by appointment.

Performance Bond and Payment Bonds may be required for subcontractors and a suppliers bond for suppliers.

Prevailing Wages Apply

Subcontract work shall be signatory to the applicable local union or willing to sign a one-time agreement.

**CA Lic. 433176  
DIR #: 1000001147  
An Equal Opportunity Employer**

### Svala Construction, Inc.

We are requesting bid quotations from all subcontractors and suppliers and DVBE Subcontractors/Suppliers for the following

**SFUSD; Balboa HS - CTE Cast Academy  
1000 Cayuga Ave, San Francisco, CA 94112  
Bid Date: April 7, 2020 @ 2:00 pm**

Please fax or e-mail us your Bid proposal at least 2 hours prior to the Bid Opening.  
Please note: all Subs above \$150,000 might require bonds.

**Svala Construction, Inc.**  
139 Mendosa Ave, San Francisco, CA 94116  
Estimator: Alex Svidler  
Phone: 415-850-1308; Fax: 415-901-0466  
e-mail: [svalainc@gmail.com](mailto:svalainc@gmail.com)  
We are An Equal Opportunity Employer



# New York Sub-Bid Request Ad

**SHEA- KIEWIT Constructors, AJV  
BIDDING OPPORTUNITY NYS/MWBE**

**Certified with the following certifying authority:**

Participation of Minority-and Women -Owned Business Enterprises ("MWBE") and Equal Employment Opportunities ("EEO") pursuant to New York State Executive Law, Article 15-A and New York Code of Rules and Regulations, Title 5 (5 NYCRR) Parts 140-145 (Regulations of the Commissioner of Economic Development); Participation by Disadvantaged Business Enterprises ("DBE") in United States Environmental Protection Agency ("EPA") Programs pursuant to 40 Code of Federal Regulations (CFR) Part 33; Participation of Service-Disabled Veteran-Owned Business Enterprises ("SDVOB") in accordance with New York State Executive Law, Article 17-B and 9 NYCRR Part 252. DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202.

Inviting qualified contractors, specifically **MWBE and SDVOB firms certified/eligible as listed above**, to contact Shea-Kiewit Constructors, AJV (Prime Contractor listed below) regarding sub-contracting services and material supply opportunities in connection with the upcoming tunnel and shafts project.

The Work under this contract is in Brooklyn and Queens, New York. The Work consists of:

**Construction of Shafts 17B-1 and 18B-1, CT3, Contract No. C547A**

**Owner: New York City Dept. of Environmental Protection**

**NYC DEP Bid Room, 59-17 Junction Blvd., 17th Floor, Flushing, NY 11373**

**REVISED BID DATE: April 14, 2020 at 11:30 AM**

Opportunities to participate exist in the following specific areas of soil and rock excavation, hauling, excavation support systems, ground freezing, deep foundation system(micro-piles), underground blasting, structural steel, engineering, survey, instrumentation and monitoring services, materials testing, demolition and site preparation, traffic control, sewer bypass pumping, A/C paving, environmental investigation, utility relocation, paving, fencing and gates, planting and seeding, retaining wall, geotechnical and structural instrumentation, secant piles, cast-in-place concrete structures, reinforcing steel, ground stabilization, rock-bolts, steel dowels, shotcrete, concrete finishing, mechanical steel pipe, ventilation HVAC, precast concrete shaft covers, temporary office buildings/services, ConEdison blockhouse, waterproofing, service utilities, grouting, electrical services, pest control, IT services, security, waste disposal, cleaning services, and security services.

Any business seeking to participate as a MWBE or SDVOB in the Contract that is not currently certified DBE by the EPA and the requirements set forth above should review **40 CFR 33.204-33.205 or certified by EPA** shown above to obtain current certification.

Shea-Kiewit Constructors, AJV set up an FTP site where you can view all plans, specifications and addendums for your convenience. Please contact Steve Fiori at (909) 595-4397, [Steven.Fiori@jfshea.com](mailto:Steven.Fiori@jfshea.com), to receive instructions on accessing the FTP Site.

**Shea-Kiewit Constructors, AJV, (An EEO Employer)  
(J.F. Shea Construction, Inc. - Kiewit Infrastructure Co.)**

**667 Brea Canyon Road, Suite 22  
Walnut, CA 91789**

**Phone: 909-594-0990 fax: 909-869-0827**

**Send Inquiries/Certifications to: Mike Stolkin, [mike.stolkin@jfshea.com](mailto:mike.stolkin@jfshea.com)**

## CALIFORNIA SUB-BID REQUEST AD



**Graniterock**

5225 Hellyer Avenue, Suite #220  
San Jose, CA 95138  
Phone (408) 574-1400 • Fax (408) 365-9548  
Contact: Patrick McDonald  
Email: [estimating@graniterock.com](mailto:estimating@graniterock.com)

**REQUESTING SUB-QUOTES FROM  
QUALIFIED SBE, MBE, WBE, DBE  
SUBCONTRACTORS/SUPPLIERS/  
TRUCKERS FOR:**

**2017 Storm Damage Repair, Phase 3 -  
Project Numbers 118077 & 118079  
Owner: Contra Costa Water District  
Engineers' Estimate: \$554,000**

**BID DATE: April 28, 2020 @ 10:00 AM**

Items of work include but are not limited to:  
Traffic Control, Electrical, Erosion Control,  
Water Trucks, Sweeper Trucks, Prepare WPCP,  
Construction Staking and Trucking.

Granite Rock Company 'Graniterock' is signatory to Operating Engineers, Laborers, Teamsters, Carpenters and Cement Masons unions. 100% performance and payment bonds will be required from a qualified surety company for the full amount of the subcontract price. Bonding assistance is available. Graniterock will pay bond premium up to 1.5%. In addition to bonding assistance, subcontractors are encouraged to contact Graniterock Estimating with questions regarding obtaining lines of credit, insurance, equipment, materials and/or supplies, or with any questions you may have. Subcontractors must possess a current contractor's license, DIR number, insurance and worker's compensation coverage. Subcontractors will be required to enter into our standard contract. Graniterock intends to work cooperatively with all qualified firms seeking work on this project.

We are an Equal Opportunity Employer



## With SBE you can:

### FIND

Subcontractors, Vendors,  
and Suppliers

### REACH

Diverse Audiences

### ADVERTISE

Sub-Bid Request Ad  
Public Legal Notices  
Job Listings

Contact us at 800-800-8534 or [sbe@sbeinc.com](mailto:sbe@sbeinc.com)



# California Sub-Bid Request Ad

**TAFT ELECTRIC COMPANY**  
 1694 EASTMAN AVENUE, VENTURA, CA 93003  
 Phone: (805) 642-0121 • Fax: (805) 650-9015  
 Contact: Arnold Tostado • Email: atostado@taftelectric.com

Invites sub-bids from qualified DBE businesses for the following project:

Agency: CITY OF SANTA CLARITA  
 HSIPL-5450(093) Signal Modification On Soledad Canyon Road At 5 Intersections  
 ENG-19-20-C3019

Location: Santa Clarita, CA

**BID DATE: April 30, 2020**

Scope of work/Trades:

**Traffic Control, Concrete Ramps, Sidewalks, Curbs and Gutters, AC Paving, Striping and Signage**

We are an Equal Opportunity Employer and intend to seriously negotiate with qualified Disadvantaged Business Enterprise subcontractors and suppliers for project participation.

Payment and performance bonds may be required. Please contact us at the above listed number for further information regarding bidding on this project. To the best of our abilities we will help with bonds/insurance/credit. Plans are available for viewing at our office.

We Are An Equal Opportunity Employer



Manson Construction Co.  
 1401 Marina Way South Ste. 330  
 Richmond, CA 94804  
 TEL: 510-232-6319 • FAX: 510-232-4528

REQUEST FOR CITY AND COUNTY OF SAN FRANCISCO QUALIFIED AND CERTIFIED  
 MICRO-LBEs (MBE/WBE/OBE) and CERTIFIED SMALL-LBEs (MBE/WBE/OBE)  
 SUBCONTRACTORS AND SUPPLIERS FOR:

**MISSION BAY FERRY LANDING DREDGING AND SITE PREPARATION**

Contract No. 2830

**PROJECT BID DATE: APRIL 14, 2020 AT 2 P.M.**

Quotes are requested for various items of work including but not limited to: Construction Traffic Control Services, Temp. Fencing, Water Trucks - Dust Control, Trucking and Hauling, Construction Equipment - Rental, Material Re-handling, Fuel Supply - Diesel, Hydro-graphic Surveying

**Project Description:** The Port of San Francisco (the "Port") announces an Invitation for Bids ("IFB") for construction on MISSION BAY FERRY LANDING DREDGING AND SITE PREPARATION of the Mission Bay Ferry Landing (Site) located southeast of the intersection at 16th Street and Terry A. Francois Boulevard in San Francisco, CA. The Work is to perform demolition and disposal of marine debris; dredging and ocean disposal of approximately 80% of the site dredge materials; dredging, rehandling and landfill disposal of approximately 20% of the site dredge materials; and import and placement of a Sand Cap on a portion of the Site. Contract documents can be found here: <https://sfport.com/node/14851>

Manson construction is willing to break out items of work into economically feasible units to encourage LBE participation. 100% payment and performance bonds are required but can be waived with prior approval for special cases. Manson will pay bond premium up to 1.5%.

This Contract has a labor agreement wherein Manson is signatory to the Operating Engineers Local Union No. 3 and the Inlandboatmen's Union of the Pacific. Current insurance and workers compensation coverage including USL&H (as required) and waiver of subrogation are required.

The following must be submitted with Quote by **COB 4/10/2020**: LBE subconsultants and subcontractors must be CMD certified by the bid due date and must be certified in the scopes of work/trade(s) listed on the bid documents (<https://sfgov.org/cmd>). Provide the LBE# and NAICS code with the Quote. Quotes must be valid for 120 days.

For scope clarifications, to view plans and specifications, or to submit quotes contact **James McGuire** at [jmcguire@mansonconstruction.com](mailto:jmcguire@mansonconstruction.com) or 904-821-0211.

An Equal Opportunity Employer

**DESILVA GATES**  
 CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
 Dublin, CA 94568-2909  
 (925) 829-9220 / FAX (925) 803-4263  
 Estimator: QUINN HANCE  
 Website: [www.desilvagates.com](http://www.desilvagates.com)  
 An Equal Opportunity/  
 Affirmative Action Employer

DeSilva Gates Construction (DGC) is preparing a bid as a Prime Contractor for the project listed below:

**RECONSTRUCT TAXIWAY A  
 AND CROSS TAXIWAYS**

**Disadvantaged Business Enterprise**

**Goal Assigned is 4% and Race Neutral is 4%**

**OWNER: CITY OF CHICO**

**411 Main Street, Chico, CA 95973**

**BID DATE: APRIL 15, 2020 @ 4:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**CLEARING AND GRUBBING/DEMOLITION, COLD PLANE, ELECTRICAL, EMULSION SUPPLIER, PAVEMENT MILLING, PCC PAVING, PRIME OIL SUPPLIER, REBAR, STRIPING, SWPPP PREP/WATER POLLUTION CONTROL PLAN PREPARE, UNDERGROUND, CLASS 2 AGGREGATE BASE MATERIAL, CLASS 4 AGGREGATE BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL.**

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is <ftp://ftp%25desilvagates.com> and password is [f7pa55wd](ftp://ftp%25desilvagates.com)) or from Contractor's Exchange. Also available for public inspection at the office of C&S Engineers, 8950 Cal Center Drive, Suite 102, Sacramento, CA 95826

Fax your bid to (925) 803-4263 to the attention of Estimator Quinn Hance. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.

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 SBE Newspaper and SBE Newsletter**

# Technology, People, and Process: 3 Pillars of Construction Digital Transformation

[ Article was originally posted on  
Autodesk Construction Cloud Blog.  
[constructionblog.autodesk.com](https://www.autodesk.com/ideas/constructionblog) ]

By Stephanie Ho,

The construction industry is rapidly transforming. According to a survey by AGC and FMI, 58% of respondents expect to see more change in the built environment within the next five years than there has been in the last 50 years. To stay ahead, companies must quickly adapt to the industry's digital future.

However, many construction companies are still struggling to understand the full benefit of digital. In one McKinsey survey, just 16% of respondents said their organizations' digital transformations had delivered sustainable performance improvements. Common challenges include unclear definitions of what digital means, an indistinct idea about what the transformation should accomplish, and poor integration of digital tools with business processes.

Facing these challenges, what does it take to achieve successful construction digital transformation? In short, there's no quick fix or easy solution. The good news is, it is possible to create full-scale change in the construction industry. By focusing on three core pillars — technology, people, and process—companies can not only prepare for and embrace digital transformation, but they'll also build stronger and more resilient businesses.

## Pillar 1: Technology

Today, the construction industry remains one of the least digitized in the world. While embracing

technology is vitally important, companies need to step back and look at the bigger picture – the “why.”

With the countless technologies and software solutions available for today's construction professionals, companies must approach digital transformation thoughtfully, moving beyond isolated pilots and band-aid solutions. The problem is that companies often deploy cutting-edge technology before they've figured out how those tools can improve their operations or how they fit into their larger technology stack.

Full-scale digital transformation requires integrated, cohesive systems, not siloed data and technology. To successfully achieve this, companies must focus on fixing pain points rather than simply installing the hottest IT solution of the week.

According to McKinsey, “A tech-first approach can lead to digital ‘organ rejection,’ whereby a solution fails to deliver visible benefits, and the workforce, noticing this, does not adopt it.” Thus, identifying pain points helps center each use case on a real business need while suppressing the impulse to chase technology trends.

## Pillar 2: People

Construction is a human industry. People – and how they work together productively – are always going to be critical to the success of projects. When thinking about the “people” portion of the construction digital transformation, companies must focus attention on who they involve in both the purchase and the implementation process.

Think about it: How often do site and office workers grumble about having to adopt yet another

new technology, before abandoning it and returning to their old ways of working? According to a recent FMI study, there's a disconnect between the technology being implemented and people using it. While 52% consider the needs of field staff a top consideration for investing in technology, only 28% actually receive feedback from field staff before investing in technology. In turn, it's no surprise that when technology fails, 36% report it's due to a poor fit with current processes and procedures.

Clearly, it's crucial to solicit feedback from all affected parties—leadership, end-users, and users of integrated systems—during the buying process and pilot phase. Active involvement in the process promotes investment in change.

Even when tools succeed in the pilot phase, companies often still struggle to apply those solutions at scale. While companies spend hundreds of thousands on new platforms, they often don't spend the time and resources needed to train users and promote adoption. There's a proven need for a trial phase and a defined implementation period for successful construction digital transformation.

Neal Morton, VP of Risk at Barton Malow, experienced this firsthand: “After switching to BuildingConnected, we set a three-month implementation period where we trained teams and got them used to new workflows. Investing in training really helped our users become more confident with the software and promoted successful adoption.”

■ Continued on page 8

# A Deadly Trade-Off, a Favoring of Younger Age Cohorts, Hazard Pay, and Other Nightmares

■ Continued from page 1

Continuation for shoppers seeking groceries and other retail items, is implementing staff bonus payments.

Many banks have been shuttering local branch operations, but where service remains in place, compensation for front-line tellers is being increased.

## Intimations of Discontent Among Construction Workers

Not all at-risk workers are satisfied with a pay hike. Construction activity has remained largely ongoing throughout the U.S. and Canada during the coronavirus-induced meltdown.

On the other hand, notable for stringent restrictions on construction activity have been Boston, Pennsylvania, and Quebec, where noncritical job sites have been ordered closed.

But construction union representatives are becoming more vocal in their condemnations of what they perceive as workplace health violations. At the very least, there are calls for better government directives and mandates on best-practice distancing between workers (e.g., six feet), more hand sanitizing stations and higher ‘Porta-Potty’-to-personnel ratios.

If, on March 30th, the Trump administration does backtrack on its keep-at-more-than-arms-length directives, it will be an outlier versus other na-

tions. (Except for those nations, such as China and possibly South Korea, that believe they are on the far and waning side of peak contamination.) Hong Kong relaxed its watchfulness, only to see a resurgence in coronavirus contagion.

Furthermore, with much of the rest of the world in lockdown, U.S. foreign trade will continue to suffer the bedevilment of international supply chain interruptions.

**SOURCE:** <https://www.constructconnect.com/blog/a-deadly-trade-off-a-favoring-of-younger-age-cohorts-hazard-pay-and-other-nightmares>



# California Sub-Bid Request Ad

WESTERN WATER (WW), is seeking quotes from qualified subcontractors and suppliers, including but not limited to San Francisco HRC certified LBE & NPE firms, for the construction of:

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
POWER FEED AND PRIMARY SWITCHGEAR UPGRADES, WW-662R**

Engineer's Estimate: \$29,000,000 - \$34,000,000

**Bid Date & Time: April 16 at 2:00 P.M.**

**Project Location: San Francisco, CA**

WW has identified the following potential contracting opportunities for qualified subcontractors and suppliers on this project: General Engineering, General Building, Insulation / Acoustical, Concrete, Drywall, Electrical, Earthwork & Paving, Glazing, HVAC, Landscaping, Painting & Decorating, Plumbing, Roofing, Solar, Reinforcing Steel, Structural Steel, Concrete / Related Services, Doors, Gates, & Activating Devices, Waterproofing.

Information regarding bonding, insurance, lines of credit, and any technical assistance or information related to the plans or specifications and requirements for the work will be made available to all interested firms. Plans and specs are available to view at our office and access to digital copies will be provided upon request.

For more information or to provide quotes, please contact:

**Western Water, 707 Aviation Blvd, Santa Rosa, CA**  
**Ken Leef, Project Procurement Manager**  
**bids@westernwater.com, Phone: (707) 540-9640, Fax: (707) 540-9641**

Subcontractors will be required to comply with all subcontract insurance requirements, which include providing a waiver of subrogation endorsement to their worker's compensation insurance.

The City has a surety bond program, which assists LBE contractors in obtaining bonding and financing for contracts awarded by the San Francisco Public Utilities Commission. For further information contact: Jennifer Elmore at (415) 217-6578.

The SFPUC has adopted a Project Labor Agreement (PLA) which will apply to this Project. All contractors must sign a letter of assent, binding the contractor to the terms of the PLA.

Interested subs and suppliers should complete and submit the attached solicitation form no later than 24 hours prior to bid.

**WW is an AA/EEO/Veterans/Disabled Employer - CA License No. 188068**



SKANSKA • TRAYLOR • SHEA

**Skanska-Traylor-Shea JV**

5055 Wilshire Blvd, Suite 700, Los Angeles, CA  
 requests sub-bid quotes from all interested firms, including certified DBE's for Track Construction and Entrance Portal Steel on the

**Westside Subway Extension Section 1 project.**

**Owner: LACMTA (Metro).**

**Contract No. C1045 RFP No. 107WS & 109WS**

**Bid Date: April 21, 2020 at 2:00pm**

Plans & Specs can be viewed at our office Monday - Friday 7am to 4pm (call for appointment) or downloaded free at the links below:

107WS Track Construction:

<https://skanskausa.sharefile.com/i/ib095ea918ea4ed2b>

109WS Entrance Portal Steel:

<https://skanskausa.sharefile.com/i/i811db7357704b1ab>

Should you have any questions or desire to quote on this project, please contact Teresa Maxwell, DBE Compliance Manager at 213-598-2237 or [teresa.maxwell@skanska.com](mailto:teresa.maxwell@skanska.com). Assistance in bonding, insurance, lines of credit or obtaining equipment, supplies and materials is available upon request. This advertisement is in response to Metro's DBE program. Skanska-Traylor-Shea JV intends to conduct itself in good faith with DBE firms regarding participation on this project. More info about this project is available at [www.skanska-traylor-shea.com](http://www.skanska-traylor-shea.com).

Skanska-Traylor-Shea JV  
 is an EEO/AA/Vet/Disability Employer.

SMALL  
**BUSINESS**  
 EXCHANGE

## Technology, People, and Process: 3 Pillars of Construction Digital Transformation

Continued from page 7

### Pillar 3: Process

Over the past 20 years, construction productivity has only grown 1% a year, lagging far behind manufacturing (3.6%) and the economic average (2.8%). If construction-sector productivity were to catch up with that of the total economy, it would boost the sector's value added by an estimated \$1.6 trillion, adding about 2% to the global economy.

Thankfully, operationalizing digital processes provides a solution to construction's productivity problem. In fact, there's strong evidence that digital transformation can result in productivity gains of 14-15% and cost reductions of 4-6%.

Construction companies can increase the likelihood that digital technologies will make a positive difference by first identifying operational changes that will improve performance, then defining digital use cases that will enable those operational changes. Essentially, companies should aim to create a set of digital standards that define processes and workflows, and even specific technology. Well established standards should include the process change, the required enablers (data and technology tools, capabilities, changes in mandates and responsibilities, legal and contractual requirements, etc.), in addition to the expected benefit.

### Tying it all together: Autodesk Construction Cloud

Technology has reimagined every industry in the world, and construction is no exception. If your company wants to both survive and thrive in the next five or 50 years, the time to act is now.

Autodesk Construction Cloud™ provides end-to-end technology that promotes full-scale digital transformation. As a customer-first company that supports you from implementation to full scale adoption, we're here to ensure your success both today and in the years to come.

**SOURCE:** <https://constructionblog.autodesk.com/construction-digital-transformation/>