6.2M K-12 Students
2.3M Community College Students
600,000 Teachers/Staff
1,200 School Districts
10,000 Campuses
TOTAL PROJECTS IN PROGRESS
As of October 31, 2018

- $2.4 B
  - # PROJECTS: 725
  - RETURNED FOR COMMENT

- $215.1 M
  - BACK CHECK: 75

- $1.6 B
  - SCHEDULED APPOINTMENTS: 332
TOTAL PROJECTS IN PROGRESS
As of October 31, 2018

- **# PROJECTS**
  - 1,622

- **VALUE REMAINING OF ACTIVE CONSTRUCTION**
  - $4.4 B

- **PENDING CONSTRUCTION**
  - $3.4 B

1,868
PROJECT COST
Time is Money

- Construction Funding
  - State School Facilities Bond
    - K-12 (2016 Prop 51 Auth. Remaining): $5.8 B
    - CC (2016 Prop 51 Auth. Remaining): $1.6 B
  - Local School Facilities Bonds
    - Nov. 2018 Local Bonds, approximately: $12 B

- Total Remaining Bond Authority: $59.8 B

- Current Construction Inflation Rate: 5% to 12%
- Escalation at 5% Per Year: 3.0 B
- Monthly Escalation: 249.2 M
SMALL PROJECT EXAMPLE:
San Diego Region

MIRA COSTA COLLEGE

Project Cost: $350,000.00  Project Status: Finished Structural Back Check
Project Type: 1ol (Community Coll  DSA App #: 04-115160
OTC: No

<table>
<thead>
<tr>
<th>App #</th>
<th>Project</th>
<th>Application Received Date</th>
<th>Complete Submittal Date</th>
<th>School District Incomplete Days</th>
<th>DSA Bin Time Days</th>
<th>Start Structural Plan Review</th>
<th>Finish Structural Plan Review/Return of Comments</th>
<th>DSA Plan Review Days</th>
<th>Start Structural Back Check</th>
<th>Design Professional Correction Days</th>
<th>Finish Structural Back Check</th>
<th>DSA &amp; Design Professional Back Check Days</th>
<th>Stamp/Approval Date</th>
<th>Stamp Out/Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>04-115160</td>
<td>MIRA COSTA COLLEGE</td>
<td>03/30/16</td>
<td>03/30/16</td>
<td>0</td>
<td>23</td>
<td>04/22/16</td>
<td>04/25/16</td>
<td>3</td>
<td>05/26/16</td>
<td>31</td>
<td>05/31/16</td>
<td>5</td>
<td>05/31/16</td>
<td>1</td>
</tr>
</tbody>
</table>
MIRA COSTA COLLEGE ESCALATION

- $350,000 @ 8%: $28,000 / Year
  > $3,230 / 6 wks. (Bin)

- $350,000 @ 10%: $35,000 / Year
  > $4,036 / 6 wks. (Bin)

- $350,000 @ 5%: $17,500 / Year
  > $1,486 / 31 days
### MEDIUM SIZE PROJECT EXAMPLE: Sacramento Region

**Sacramento City College (Los Rios Community College District)**

<table>
<thead>
<tr>
<th>Project Cost:</th>
<th>$11,318,519.00</th>
<th>Project Status:</th>
<th>Finished Structural Back Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Type:</td>
<td>School</td>
<td>OTC:</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>District</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Incomplete Days</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Start Structural Plan Review</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DSA Plan Review Days</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Design Professional Correction Days</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DSA &amp; Design Professional Back Check Days</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stamp Out/ Approval</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Project Details

<table>
<thead>
<tr>
<th>App #</th>
<th>Project Name</th>
<th>Application Received Date</th>
<th>Complete Submittal Date</th>
<th>School District Incomplete Days</th>
<th>DSA Plan Review Time Days</th>
<th>Start Structural Plan Review Days</th>
<th>Finish Structural Plan Review/Return of Comments Days</th>
<th>DSA Plan Review Days</th>
<th>Start Structural Back Check Days</th>
<th>Design Professional Correction Days</th>
<th>Finish Structural Back Check Days</th>
<th>DSA &amp; Design Professional Back Check Days</th>
<th>Stamp/ Approval Date</th>
<th>Stamp Out Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>02-114575</td>
<td>Sacramento City College (Los Rios Community College District)</td>
<td>09/08/15</td>
<td>09/08/15</td>
<td>0</td>
<td>42</td>
<td>10/20/15</td>
<td>01/20/16</td>
<td>92</td>
<td>04/15/16</td>
<td>86</td>
<td>04/12/16</td>
<td>7</td>
<td>04/15/16</td>
<td></td>
</tr>
</tbody>
</table>
$11,318,519 @ 6%:  $679,114 / Year
  › $78,359 / 6 wk. (Bin)

$11,318,519 @ 7%:  $792,296 / Year
  › $91,418 / 6 wk. (Bin)

$11,318,519 @ 5%:  $565,926 / Year
  › $133,341 / 86 days (Bin, DSA, A&E)
LARGE SIZE PROJECT
EXAMPLE: *Los Angeles Region*

**SANTA MONICA COMMUNITY COLLEGE**

- **Project Cost:** $74,185,000.00
- **Project Status:** Finished Structural Back Check
- **Project Type:** School (Community College)
- **DSA App #:** 03-116182
- **OTC:** No

<table>
<thead>
<tr>
<th>App #</th>
<th>Project</th>
<th>Application Received Date</th>
<th>Complete Submittal Date</th>
<th>School District Incomplete Days</th>
<th>Design Professional Correction Days</th>
<th>Finish Structural Plan Review/Return of Comments</th>
<th>DSA Plan Review Days</th>
<th>Start Structural Plan Review</th>
<th>Design Professional Correction Days</th>
<th>Finish Structural Plan Review Days</th>
<th>DSA &amp; Design Professional Back Check Days</th>
<th>Stamp Out/Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-116182</td>
<td>SANTA MONICA COMMUNITY COLLEGE</td>
<td>03/05/15</td>
<td>07/02/15</td>
<td>229</td>
<td>63</td>
<td>01/06/16</td>
<td>125</td>
<td>03/15/16</td>
<td>69</td>
<td>04/29/16</td>
<td>45</td>
<td>04/29/16</td>
</tr>
</tbody>
</table>
SANTA MONICA COMMUNITY COLLEGE

- $74,185,000 @ 9%: $6,676,650 / Year
  > $770,383 / 6 wk. (Bin)

- $74,185,000 @ 5%: $3,709,250 / Year
  > $427,990 / 6 wk. (Bin)

- $74,184,000 @ 5%: $3,709,250 / Year
  > $4,288,502 / 422 days
    (Incomplete, Bin, DSA, A&E)
PROJECT DEVELOPMENT
TIME REDUCTION

Design & Funding
› Districts
› CDE
› OPSC

DSA Review
› Appointment
› Intake
› Plan Review
› Back Check
› Construction Oversight

Construction
› Constructor
› Design Team
› DSA
CHANGING PROCESSES
CHANGING CULTURE

- Inspection Card
- Cloud Based Communication Systems
- Elimination of Bin Time
- Electronic Plan Review
- Virtual Back Check

- Staff Training
- School District Support
  - Assistance for Small Districts
  - Pre-application Reviews
  - Over the Counter Reviews

- Communication
CHANGING THE CONVERSATION

- Impact of Design
  - Education
  - Energy & Water Conservation

- Reaching Zero Net Energy
  - Is it possible?
  - At what cost?

- Cost vs. Investment
  - Some benefits are hard to calculate/quantify
  - Must protect investment
  - School as a refuge
  - (Resiliency)