1. Did an owner (including a public owner regarding its own projects) direct you to halt or cancel work on any current or upcoming projects? (check all that apply) Responses: 92.

- Halted project that was underway in April: 66%
- Halted project that was underway in May: 15%
- Canceled project that was scheduled to start in April: 20%
- Canceled project that was scheduled to start in May: 23%
- Canceled project that was scheduled to start in June or later: 14%

2. To the best of your knowledge, why did the owner halt construction? (check all that apply) Responses: 78.

- To comply with state/local order to halt "non-essential" activity: 64%
- Owner’s concern about covid-19 danger surrounding project: 35%
- Owner’s expectation of reduced demand for project: 17%
- Loss of private funding (for example, from owner/investor/lenders/donors): 14%
- Loss of current or expected tax/fee/toll revenue: 5%
- Don’t know: 12%
- Other: 12%
3. Are you currently experiencing any project delays or disruptions due to the following? (check all that apply) Responses: 92.

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shortage of personal protective equipment</td>
<td>33%</td>
</tr>
<tr>
<td>Any shortage of construction materials, equipment or parts</td>
<td>28%</td>
</tr>
<tr>
<td>Any shortage of the craftworkers that either you or your subcontractor require</td>
<td>26%</td>
</tr>
<tr>
<td>Any lack of needed government action or workers</td>
<td>20%</td>
</tr>
<tr>
<td>Any information that an infected individual has potentially infected a jobsite</td>
<td>14%</td>
</tr>
<tr>
<td>Difficulties securing financing or covering cash flow needs</td>
<td>10%</td>
</tr>
<tr>
<td>None of above</td>
<td>32%</td>
</tr>
</tbody>
</table>

4. Have any suppliers notified you or (to the best of your knowledge) your subcontractors that their deliveries will be late or canceled? Responses: 92.

<table>
<thead>
<tr>
<th>Response</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>54%</td>
</tr>
<tr>
<td>No</td>
<td>46%</td>
</tr>
</tbody>
</table>
5. Did you begin working on any new or expanded construction as a result of the pandemic? Responses: 91.

6. Has your firm’s headcount changed as a result of project delays, cancellations, new federal emergency paid leave requirements, or booking new projects? (check all that apply) Responses: 91.
7. By what percentage has your firm’s headcount changed between March 1 and May 1? Responses: 90.

8. The Coronavirus Aid, Relief, and Economic Security Act (CARES Act) created a new forgivable loan program for businesses with 500 or fewer employees, called the Paycheck Protection Program (PPP). Did your firm apply or intend to apply for a PPP loan? Responses: 90.
9. New guidance now requires PPP loan borrowers to show at the time of application their business activity and their ability to access other sources of liquidity justified the loan. Given this new guidance, recent threats of federal audit and criminal charges, and the non-deductibility of business expenses related to these forgivable loans, which of the following best describes what your firm is considering: Responses: 81.

- Returning our PPP loan and laying off employees as a result: 16%
- Returning our PPP loan but not laying off employees as a result: 2%
- Not considering withdrawing our PPP loan: 73%
- Withdrawing our PPP loan application and laying off employees as a result: 1%
- Withdrawing our PPP loan application but not laying off employees as a result: 0%
- Not considering withdrawing our PPP application: 4%
- My firm is less likely to apply for a PPP loan: 4%

10. If Congress takes further action to address the economic fallout from the coronavirus, which of these measures would be helpful to your business? (check all that apply) Responses: 89.

- No additional legislation is needed: 7%
- Multi-year surface transportation reauthorization with higher funding levels: 26%
- Larger federal investment in infrastructure (in addition to surface transportation): 53%
- Addressing the funding shortfalls for multi-employer pension plans: 24%
- Funding for state departments of transportation to help prevent project delays as a result of lost revenue from the pandemic: 33%
- More funding for loan programs to maintain cash flows: 27%
- Enact a pandemic risk insurance/covid-19 business and employee continuity and recovery fund: 40%
- Enact a “safe harbor” set of protocols to provide firms with protection from tort or employment liability for failing to prevent a covid-19 infection: 60%
- Other: 8%
11. Please list the principal types of owners you construct for (check all that apply) Responses: 92.

- Building: 74%
- Highway: 33%
- Utility infrastructure: 26%
- Federal: 15%
- Other: 5%