STERLING CONSTRUCTION CO INC
Form 10-K
March 16, 2015

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-K

[X] annual report pursuant to section 13 or 15(d) of the securities exchange act of 1934
For the fiscal year ended: December 31, 2014
[ ] transition report pursuant to section 13 or 15(d) of the securities exchange act of 1934
For the transition period from _____to _____
Commission file number 1-31993

STERLING CONSTRUCTION COMPANY, INC.
(Exact name of registrant as specified in its charter)

Delaware	25-1655321
State or other jurisdiction of incorporation or organization	(I.R.S. Employer Identification No.)
1800 Hughes Landing Blvd. The Woodlands, Texas	77380
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code (281) 214-0800

Securities registered pursuant to Section 12(b) of the Act:	Name of each exchange on which registered
Title of each class	The NASDAQ Stock Market LLC
Common Stock, $0.01 par value per share	
(Title of Class)	

Securities registered pursuant to section 12(g) of the Act:
None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.
[ ] Yes [√] No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.
[ ] Yes [√] No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.
[√] Yes [ ] No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter prior that the registrant was required to submit and post such files).
[√]] Yes [ ] No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K [ ]

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer [ ]	Accelerated filer [√]
Non-accelerated filer [ ] (Do not check if a smaller reporting company)	Smaller reporting company [ ]

Indicate by check mark if the registrant is a shell company (as defined in Rule 12b-2 of the Act). [ ] Yes [√] No

Aggregate market value of the voting and non-voting common equity held by non-affiliates at June 30, 2014: $166,755,548.

At March 6, 2015, the registrant had 18,768,244 shares of common stock outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Company's definitive Proxy Statement to be filed with the Securities and Exchange Commission and delivered to stockholders in connection with the Annual Meeting of Stockholders to be held on May 8, 2015 are incorporated by reference into Part III of this Form 10-K.

Sterling Construction Company, Inc.
Annual Report on Form 10-K
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PART I

Cautionary Comment Regarding Forward-Looking Statements

This Report includes statements that are, or may be considered to be, "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. These forward-looking statements are included throughout this Report, including in the sections entitled "Business," "Risk Factors," and "Management's Discussion and Analysis of Financial Condition and Results of Operations" and relate to matters such as our industry, business strategy, goals and expectations concerning our market position, future operations, margins, profitability, capital expenditures, liquidity and capital resources and other financial and operating information. We have used the words "anticipate," "assume," "believe," "budget," "continue," "could," "estimate," "expect," "forecast," "future," "intend," "may," "plan," "potential," "should," "will," "would" and similar terms and phrases to identify forward-looking statements in this Report.

Forward-looking statements reflect our current expectations as of the date of this Report regarding future events, results or outcomes. These expectations may or may not be realized. Some of these expectations may be based upon assumptions or judgments that prove to be incorrect. In addition, our business and operations involve numerous risks and uncertainties, many of which are beyond our control, that could result in our expectations not being realized or otherwise could materially affect our financial condition, results of operations and cash flows.

Actual events, results and outcomes may differ materially from our expectations due to a variety of factors. Although it is not possible to identify all of these factors, they include, among others, the following:

- changes in general economic conditions, including recessions, reductions in federal, state and local government funding for infrastructure services and changes in those governments' budgets, practices, laws and regulations;
- delays or difficulties related to the completion of our projects, including additional costs, reductions in revenues or the payment of liquidated damages, or delays or difficulties related to obtaining required governmental permits and approvals;
- actions of suppliers, subcontractors, design engineers, joint venture partners, customers, competitors, banks, surety companies and others which are beyond our control, including suppliers', subcontractors' and joint venture partners' failure to perform;
- factors that affect the accuracy of estimates inherent in our bidding for contracts, estimates of backlog, percentage-of-completion accounting policies, including onsite conditions that differ materially from those assumed in our original bid, contract modifications, mechanical problems with our machinery or equipment and effects of other risks discussed in this document;
- design/build contracts which subject us to the risk of design errors and omissions;
- cost escalations associated with our contracts, including changes in availability, proximity and cost of materials such as steel, cement, concrete, aggregates, oil, fuel and other construction materials, and cost escalations associated with subcontractors and labor;
- our dependence on a limited number of significant customers;
- adverse weather conditions; although we prepare our budgets and bid contracts based on historical rain and snowfall patterns, the incidence of rain, snow, hurricanes, etc., may differ materially from these expectations;
- the presence of competitors with greater financial resources or lower margin requirements than ours, and the impact of competitive bidders on our ability to obtain new backlog at reasonable margins acceptable to us;
- our ability to successfully identify, finance, complete and integrate acquisitions;
- citations issued by any governmental authority, including the Occupational Safety and Health Administration;
- federal, state and local environmental laws and regulations where non-compliance can result in penalties and/or termination of contracts as well as civil and criminal liability;
- adverse economic conditions in our markets; and
- the other factors discussed in more detail in Item 1A. —Risk Factors.

In reading this Report, you should consider these factors carefully in evaluating any forward-looking statements and you are cautioned not to place undue reliance on any forward-looking statements. Although we believe that our plans, intentions and expectations reflected in, or suggested by, the forward-looking statements that we make in this Report are reasonable, we can provide no assurance that they will be achieved.

The forward-looking statements included in this Report are made only as of the date of this Report, and we undertake no obligation to update any information contained in this Report or to publicly release the results of any revisions to any forward-looking statements to reflect events or circumstances that occur, or that we become aware of after the date of this Report, except as may be required by applicable securities laws.

Item 1. Business.

Overview of the Company's Business.

Sterling Construction Company, Inc. was founded in 1991 as a Delaware corporation. Our principal executive offices are located at 1800 Hughes Landing Boulevard, Suite 250, The Woodlands, Texas 77380, and our telephone number at this address is (281) 214-0800. Our construction business was founded in 1955 by a predecessor company in Michigan and is now conducted through our subsidiaries which primarily include: Texas Sterling Construction Co., a Delaware corporation, or "TSC"; Road and Highway Builders, LLC, a Nevada limited liability company, or "RHB"; Road and Highway Builders of California, Inc., a California corporation, or "RHBCa"; Ralph L. Wadsworth Construction Company, LLC, a Utah limited liability company, or "RLW"; J. Banicki Construction, Inc., an Arizona corporation, or "JBC"; and Myers & Sons Construction, L.P., a California limited partnership, or "Myers". The terms "Company," "Sterling," and "we" refer to Sterling Construction Company, Inc. and its subsidiaries except when it is clear that those terms mean only the parent company or a particular subsidiary.

Sterling is a leading heavy civil construction company that specializes in the building and reconstruction of transportation and water infrastructure projects in Texas, Utah, Nevada, Arizona, California, Hawaii and other states where there are construction opportunities. Its transportation infrastructure projects include highways, roads, bridges and light rail and its water infrastructure projects include water, wastewater and storm drainage systems. Sterling performs the majority of the work required by its contracts with its own crews and equipment.

Although we describe our business in this Report in terms of the services we provide, our base of customers and the geographic areas in which we operate, we have concluded that our operations consist of one reportable segment, one operating segment and one reporting unit component, which is heavy civil construction. In making this determination, the Company considered the discrete financial information used by our Chief Operating Decision Maker ("CODM"). Based on this approach, the Company noted that the CODM organizes, evaluates and manages the financial information around each heavy civil construction project when making operating decisions and assessing the Company's overall performance. Furthermore, we considered that each heavy civil construction project has similar characteristics, includes similar services, has similar types of customers and is subject to similar economic and regulatory environments.

Sterling has grown its service profile and geographic reach both organically and through acquisitions. Expansions into Utah, Arizona and California were achieved with the 2009 acquisition of RLW and the 2011 acquisitions of JBC and Myers, respectively. These acquisitions also extended Sterling's service profiles.

Recent Developments.

Financial Results for 2014, Operational Issues and Outlook for 2015 Financial Results.

In 2014, the Company had an operating loss of $4.2 million and net loss attributable to Sterling common stockholders of $9.8 million. Our gross margins have increased to 4.8% in 2014 from (5.4)% in 2013 and decreased from the 7.5% gross margin experienced in 2012. In 2014, our gross margins continued to be adversely impacted by downward revisions to estimated profitability on projects primarily awarded in Texas; although, to a lesser extent than in the prior year.

The majority of our revenues and backlog is derived from fixed unit price contracts. Some of our revenues are derived from lump sum contracts. Fixed unit price contracts require us to provide materials and services at a fixed unit price based on approved quantities irrespective of our actual per unit costs. Lump sum contracts require that the total amount of work be performed for a single price irrespective of our actual costs. As discussed in "Item 1A. Risk Factors," we realize a profit on our contracts only if we accurately estimate our costs and then successfully control actual costs

and avoid cost overruns, and our revenues exceed actual costs. If our cost estimates for a contract are inaccurate, or if we do not execute the contract within our cost estimates, then cost overruns may cause the contract not to be as profitable as we expected or result in a loss, negatively affecting our cash flow, earnings and financial position.

While the risks of cost overruns and changes in estimated contract revenues are an inherent part of the construction business, we continue to implement the following changes in order to improve the profitability of our projects, reduce the variability in profitability of our projects in the future and strengthen the internal control environment:

- We continue to change roles and responsibilities to improve functional support and controls when needed.

- We continue to develop management tools designed to improve the estimating process and increase the oversight of that process where needed and continue to refine existing tools.

- We continue to implement processes designed to better identify, evaluate and quantify risks for individual projects where needed and continue to refine existing process.

- We continue to improve the methodologies for allocating overhead, indirect costs and equipment costs to individual projects in order to provide more accurate job cost and future bidding estimates.

- We continue to improve the timeliness and content of reporting available to operations management.

In addition to the factors discussed above which impact the profitability on individual projects, there are other factors which have adversely affected our ability to secure construction projects at favorable margins. Our highway and related bridge work is generally funded through federal and state authorizations. In recent years, federal and state legislation related to infrastructure spending has been slow to pass. Funding for federal highway projects primarily originate from the Highway Trust Fund where federal motor fuel taxes are the major source of income into the fund. Additional income is provided from the General fund and certain other funds to maintain the solvency of the fund as sources of income remain a challenge. While government spending on highway and related bridge work has not significantly increased in recent years, our backlog has increased $77 million from $687 million at December 31, 2013 to $764 million at December 31, 2014, representing ample work to be bid on within our markets with acceptable gross margins. In addition to highway and related bridge work, we continually look for projects that diversify our book of projects to relieve the continued pressure on our gross margins related to new contract awards from local, state and federal authorities.

Our Business Strategy.

Key features of our business strategy include:

- Continue to add construction capabilities: by adding capabilities that augment our core contracting and construction competencies, we are able to improve gross margin opportunities and more effectively compete for contracts that might not otherwise be available to us.
- Expand into new markets and selectively pursue opportunities and strategic acquisitions: we will continue to seek to identify attractive new markets and opportunities in select western, southwestern and southeastern U.S. areas. We will also continue to assess opportunities to extend our service capabilities and expand our markets through acquisitions.
- Apply core competencies across our markets: we will seek to capitalize on opportunities to export our Texas experience constructing water infrastructure projects and our Nevada earthmoving, aggregates and asphalt paving experience into Utah markets. Similarly, we believe that RLW's experience with design-build, construction manager and general contractor ("CM/GC") and other alternative project delivery methods in Utah, and its development of accelerated bridge construction ("ABC") techniques can enhance opportunities for us in our Texas, California, Arizona and Nevada markets.
- Increase our market leadership in our core markets: we have a strong presence in a number of markets in Texas, Utah and Nevada and intend to expand our presence in these states as well as Arizona, California, Hawaii and other states where we believe opportunities exist.
- Position our business for future infrastructure spending: currently there are considerable uncertainties surrounding federal, state and local funding in our markets; however, we believe there is awareness of the need to build, reconstruct and repair our country's infrastructure, including transportation infrastructure, such as bridges, highways, and mass transit systems and water infrastructure, such as water, wastewater and storm drainage systems. We will continue to build our expertise to capture this infrastructure spending. We also see opportunities to make enhancements to our operations that should yield improving performance over time. These include a tighter integration of the acquisitions we have made over the past several years which should result in cost reductions and better collaboration between business units when pursuing new contract opportunities.

- Continue to attract, retain and develop our employees: we believe that our employees are key to the successful implementation of our business strategy, and we will continue allocating significant resources in order to attract and retain talented managers and supervisory and field personnel.

Our Markets, Customers and Competition.

Currently, all our operations are performed within the United States. As such, we rely heavily on federal and state infrastructure spending. Actual appropriations by the U.S. Department of Transportation ("U.S.DOT") were $38.9 billion for federal highway financial assistance to the states for 2013. Additionally, U.S.DOT had enacted funds for the fiscal year ended September 30, 2014 of $40.1 billion and has requested authority to spend $47.3 billion in fiscal 2015 for highways and bridges.

Within the United States, our principal markets are in Texas, Utah, Nevada, Arizona, California and Hawaii, states that management believes benefit from both positive long-term demographic trends as well as a historical commitment to funding transportation and water infrastructure projects. Currently, the Company also has highway construction contracts in Montana, Idaho and Louisiana. According to the 2010 U.S. Census Bureau Information, Texas, Utah, Nevada, Arizona, California and Hawaii are expected to experience population increases of 32.5%, 26.1%, 58.6%, 67.6%, 24.7 and 7.7%, respectively, during the twenty year period between 2010 and 2030. While the near-term funding available for infrastructure spending in these markets is currently limited, management anticipates that long-term population growth and increased spending for infrastructure in these markets will positively affect business opportunities over the coming years.

In Texas, our customers include Texas Department of Transportation ("TxDOT"), Texas county and municipal public works departments, regional transit and water authorities, port authorities, school districts, municipal utility districts and the U.S. Corps of Engineers. TxDOT contract awards ("lettings") for transportation construction projects are estimated to be $9.5 billion in 2015 and $4.2 billion in 2016.

Additionally, in Texas, substantial funds for transportation infrastructure spending are also being provided by toll road and regional mobility authorities for construction of toll roads, which provides Sterling with additional construction contracting opportunities; however, such spending could be limited by federal, state and local funding limitations.

Texas' approximately 306,000 miles of roadway is in need of repair and the shale oil traffic has placed an additional burden on the transportation system. In November 2014, a ballot measure known as Proposition 1 was approved which will utilize approximately $1.7 billion from the Texas Economic Stabilization Fund (Rainy Day Fund) for these growing transportation needs. In the November 2013 election, Texans voted in favor of infrastructure spending by passing a water bill. The Proposition 6 water initiative had widespread support in the legislature and 73 percent voted in favor of the amendment. Proposition 6 provides $2 billion from the Rainy Day Fund for low-interest loans to help fund projects in the State Water Plan for the next 50 years.

In Utah, our public sector customers include the Utah Department of Transportation ("UDOT") and the Utah Transit Authority. Spending for highway and bridge construction in Utah was $729 million in 2014, and $741 million has been authorized for 2015. The details of the capital spending budget for 2016 have not been released; however the Utah Governor's recommendation for total capital spending in 2016 is approximately $687 million. In Utah, we have been competitive, in part, because of successful marketing efforts, design-build and CM/GC capabilities and development of innovative methods for completing projects. Competition for design-build projects is not totally focused on cost factors but is also significantly dependent on successful marketing efforts, reputation, quality of designs and aesthetics. We believe that we were one of the first construction companies to utilize ABC technology to build bridges offsite, move them to their location, and complete their installation in a very short period of time in order to minimize mobility disruptions.

In Nevada, we believe that we are a leading asphalt paving contractor on suburban and rural highway projects. Our primary public sector customer is the Nevada Department of Transportation ("NDOT"). Nevada's budget for construction of roadways and facilities is estimated to be $375 million and $194 million in 2015 and 2016, respectively, compared with expenditures of $557 million in 2014.

In Arizona, our principal customers are the Arizona Department of Transportation ("ADOT") and municipal airport authorities. Arizona's expenditures for transportation construction were $1.4 billion in 2014, while such expenditures are estimated to be $1.6 billion in each year 2015 and 2016.

In California, our principal customer is the California Department of Transportation ("Caltrans"). California's transportation capital outlays and local assistance were $5.2 billion in 2014, while such expenditures are estimated to be $5.6 billion in 2015 and $5.9 billion in 2016.

In Hawaii, our principal customers are the City of Honolulu and the Hawaii Department of Transportation ("HDOT"). Hawaii's expenditures for transportation construction were $471 million in 2014, while expenditures for 2015 and 2016 are estimated to be $120 million and $133 million, respectively.

A significant portion of our contracts pertain to state highway and related bridge work. In 2014, state highway and related bridge work accounted for 48% of our consolidated revenues compared with 62% and 61% in 2013 and 2012, respectively. The majority of the remaining work we perform is for local city municipalities.

In the past, we have also completed the construction of certain infrastructure for new light rail systems in Houston, Dallas and Galveston, Texas, and in Salt Lake City, Utah. We anticipate that expenditures in the cities of Houston and San Antonio for road, rail and water infrastructure projects will continue to increase due to steady gains in population in these metropolitan areas as a result of the migration of new residents and the annexation of surrounding communities and due to continuing programs in these metropolitan areas to expand storm water and flood control systems and water delivery systems. We believe that similar municipal civil construction opportunities are available in other municipalities in our major markets.

Although we occasionally undertake contracts for private customers, the vast majority of our revenues are attributable to work for public sector customers. Our larger construction projects are typically undertaken from work bid and won as part of a letting through a particular state's department of transportation. Refer to Note 18 to the consolidated financial statements (references to "Note" or "Notes" are to the Notes to consolidated financial statements for the year ended December 31, 2014, included in this document), for major customers that accounted for 10% or more of total revenue in any of the past three fiscal years. The majority of the services provided to customers are pursuant to contracts awarded through competitive bidding processes.

Demand for transportation and water infrastructure depends on a variety of factors, including overall population growth, economic expansion and the vitality of the market areas in which we operate, as well as unique local topographical, structural and environmental issues. In addition to these factors, demand for the replacement of infrastructure is driven by the general aging of infrastructure and the need for technical improvements to achieve more efficient or safer use of infrastructure and resources. Funding for this infrastructure depends on federal, state and local governmental resources, budgets and authorizations.

Our competitors include companies that we bid against for construction contracts and compete against for short listings, mandates and joint ventures. We have many competitors of different sizes in all of the markets that we serve, and they include large international, national and regional construction companies as well as many smaller contractors. Historically, the construction business has not typically required large amounts of capital for smaller contracts, which can result in relative ease of market entry for companies possessing acceptable qualifications.

Factors influencing our competitiveness include price, our reputation for quality, our innovativeness, our equipment fleet, our work crews, our financial strength, our bonding capacity and prequalification criteria, our knowledge of local markets and conditions, our project management and estimating abilities, our customer relationships, our marketing abilities, our ability to enter into strategic relationships with other contractors and our ability to perform many aspects of each project. Although some of our competitors are larger than we are and may possess greater resources or provide more vertically-integrated services, we believe that we are well-positioned to compete in the markets in which we operate on the basis of the foregoing factors.

Based on publicly available information on awarded construction projects, we believe that we are one of the larger participants in each of our Texas, Utah, Nevada, Arizona, California and Hawaii markets. Because we own and maintain most of the equipment required for our contracts and have the key experienced workforce to handle many types of heavy civil construction, we are able to bid competitively on many categories of contracts, especially complex, multi-task projects. In the state highway markets, most of our competitors are large international, national and regional contractors, and individual contracts tend to be larger and require more specialized skills than those in the municipal markets. Some of these competitors have the advantage of being more vertically-integrated, or they specialize in certain types of projects such as construction over water.

Our markets have been much more competitive than in the past because of reductions in federal, state and local spending on transportation and water-related infrastructure; bidding by our traditional competitors at what appears to have been break-even or loss margins; the entry of new competitors from other states and the expansion of foreign competitors into our markets. While our business includes only minimal residential and commercial infrastructure work, the severe fall-off in new projects in those markets has resulted in some residential and commercial infrastructure contractors bidding on smaller public sector transportation and water infrastructure projects, sometimes at bid levels below our break-even pricing, thus increasing competition and creating downward pressure on the bid prices in our markets. These factors have compressed the profitability on many new projects where we submitted successful bids.

These and other factors have adversely affected the levels of transportation and water infrastructure capital awards and expenditures in our markets, reducing opportunities to replace backlog at reasonable margins and increasing

competition for new projects. However, we believe that the Company is well-established in our particular markets and has a fleet of modern equipment that gives us the ability to perform a broad range of work which will allow us to weather current market conditions and to continue to compete successfully for projects as they become available at acceptable profit margin levels.

Backlog.

Backlog is the revenue we expect to earn in future periods on our construction projects. However, low bid awards not officially awarded are excluded from backlog. As the construction on our projects progresses, we increase or decrease backlog to take into account our estimates of the effects of changes in estimated quantities, changed conditions, change orders and other variations from initially anticipated contract revenues, including completion penalties and incentives. At December 31, 2014, our backlog was $764 million.

Substantially all of the contracts in our contract backlog may be canceled at the election of the customer; however, we have not been materially adversely affected by contract cancellations or modifications in the past. See the section below entitled, “Contracts — Contract Management Process.”

Construction Delivery Methods.

Alternative construction delivery methods describe different contractual and responsibility relationships among the owner, the builder and the designer of a project. There are three primary construction delivery methods: design-bid-build, design-build and construction management.

The traditional method by which the majority of our projects have historically been completed is design-bid-build. Under this type of construction delivery, the owner hires a design engineer to design the project and then solicits bids from construction firms and typically awards the contract to build the pre-designed project to the lowest qualifying bidder. The contractor to whom the project is awarded becomes the general contractor and is responsible for completing the project in accordance with the owner’s designs using the contractor’s own employees or resources, or subcontractors. Projects under this method are typically fixed unit price contracts.

Design-build is increasingly being used by public entities as a method of project delivery. Unlike traditional projects where the owner first hires a design firm or designs a project itself and then puts the project out to bid for construction, design-build projects provide the owner with a single point of responsibility and a single contact for both final design and construction. The owner selects a builder who hires the design team as required and construction typically starts before the design is complete. This project delivery method is typically undertaken through either fixed unit price contracts or lump sum contracts, and price is not the only determining factor used by the owner when selecting a particular contractor.

Construction management is a newer method of delivering a project whereby a contractor agrees to manage a project for the owner for an agreed-upon fee, which may be fixed or may vary based upon negotiated factors. The owner of the project typically hires the contractor as a construction manager early in the design phase of the project. The construction manager works with the design team to help ensure that the design is something that can in fact be built within the owner’s desired cost and other parameters and that the ultimate construction contractor will be able to understand the design drawings and specifications. There are two basic types of construction management: construction manager as advisor and construction manager at risk. In the construction manager as advisor type of arrangement, the construction manager acts as a technical consultant to the owner of the project and has no legal responsibility for the performance of the actual construction work. In the construction manager at risk type of arrangement, the construction manager becomes the prime contractor during the construction phase and makes a determination as to which portions of the work will be self-performed and which will be performed through subcontracts. In either type of construction management process, portions of a project are often submitted for bid during the course of the construction manager relationship, with the construction manager bidding, and oftentimes having the first right to bid, on portions of the project.

Contracts.

Types of Contracts.

We provide our services primarily by using traditional general contracting arrangements, including fixed-unit price contracts, lump sum contracts and cost-plus contracts.

Fixed unit price contracts are generally used in competitively-bid public civil construction contracts. Contractors under fixed unit price contracts are generally committed to provide all of the resources required to complete the contract for a fixed price per unit. These contracts are generally subject to negotiated change orders, frequently due to

differences in site conditions from those initially anticipated or asserted by the customer. Some fixed unit price contracts provide for penalties, if the contract is not completed on time, or incentives, if it is completed ahead of schedule.

Under a lump sum contract, the contractor typically agrees to deliver a completed project in accordance with the contract's requirements for a specific price, and the customer agrees to pay the price according to a negotiated payment schedule. In developing a lump sum bid, the contractor estimates the costs of labor, subcontracts and materials and adds an amount for overhead and profit. The amount of the profit included in the bid is based on the contractor's assessment of risk and other factors such as availability of resources. If the actual costs of labor, subcontracts, materials and overhead are higher than the contractor's estimate, the profit will be reduced or become a loss; if the actual costs are lower, the contractor may earn more profit.

In a cost plus contract, the owner of a project generally agrees to pay the cost of all of the contractor's labor, subcontracts and materials plus an amount for contractor overhead and profit (usually as a percentage of the labor, subcontracts and material cost). If actual costs are lower than the estimate, the owner benefits from the cost savings. If actual costs are higher than the estimate, the owner bears the economic burden of the additional costs.

Contract Management Process.

We identify potential contracts from a variety of sources, including through subscriber services that notify us of contracts out for bid; through advertisements by federal, state and local governmental entities; through our business development efforts; through contacts at government agencies; and through meetings with other participants in the construction industry. After determining which contracts are available, we decide which contracts to pursue based on such factors as the relevant skills required, the contract size and duration, the availability of our personnel and equipment, the size and makeup of our current backlog, our competitive advantages and disadvantages, prior experience, the contracting agency or customer, the source of contract funding, geographic location, likely competition, construction risks, gross margin opportunities, penalties or incentives and the type of contract.

As a condition to pursuing some contracts, we are required to complete a prequalification process with the applicable agency or customer. Some customers, such as state departments of transportation, require yearly prequalification, and some other customers have experience requirements specific to the contract. The prequalification process generally limits bidders to those companies with the operational experience and financial capability to effectively complete the particular contract in accordance with the plans, specifications and construction schedule.

There are several factors that can create variability in contract performance and financial results compared to our bid assumptions on a contract. The most significant of these include the completeness and accuracy of our original bid analysis, recognition of costs associated with added scope changes, extended overhead due to customer and weather delays, subcontractor availability and performance issues, changes in productivity expectations, site conditions that differ from those assumed in the original bid, and changes in the availability and proximity of materials. In addition, our original bids for some contracts are based on the contract customer’s estimates of the quantities needed to complete a contract. If the quantities ultimately needed are different, our backlog and financial performance on the contract will change. All of these factors can lead to inefficiencies in contract performance, which can increase costs and lower profits. Conversely, if any of these or other factors is more favorable than the assumptions in our bid, contract profitability can improve. Design-build projects carry additional risks such as design error risk and the risk associated with estimating quantities and prices before the project design is completed. Design errors may result in higher than anticipated construction costs and additional liability to the contract owner. Although we manage this additional risk by adding contingencies to our bid amounts, obtaining errors and omissions insurance and obtaining indemnifications from our design consultants where possible, there is no guarantee that these risk management strategies will always be successful. Generally, gross margins included in bids on design-build contracts are higher than for other types of contracts due to the higher risks involved.

The estimating process for our traditional fixed unit price competitive bid contracts typically involves three phases. Initially, we consider the level of anticipated competition and our available resources for the prospective project. If we then decide to continue considering a project, we undertake the second phase of the contract process and spend several weeks performing a detailed review of the plans and specifications, summarizing the various types of work involved and related estimated quantities, determining the contract duration and schedule and highlighting the unique and riskier aspects of the contract. Concurrent with this process, we estimate the cost and availability of labor, material, equipment, subcontractors and the project team required to complete the contract on time and in accordance with the plans and specifications. Substantially all of our estimates are made on a per-unit basis for each line item, and it is not unusual for an estimate to contain over 300 line items. The final phase consists of a detailed review of the estimate by management, including, among other things, assumptions regarding cost, approach, means and methods, productivity, risk and the estimated profit margin. This profit amount will vary according to management’s perception of the degree of difficulty of the contract, the current competitive climate and the size, availability of resources and makeup of our backlog. Our project managers are intimately involved throughout the estimating and construction process so that contract issues, and risks, can be understood and addressed generally on a timely basis.

Although the factors described above are relevant in determining the appropriate amount to bid, the contracting process is managed differently if the project is to be performed on a design-build basis or a CM/GC basis. For design-build projects, we assemble a team that may include project managers, engineers, quality managers and surveyors, to learn about a project that we have identified as one on which we may desire to bid. For some projects, pre-qualification for the project is required where each contractor and/or contracting team prepares a description of financial strengths, past experience on similar types of projects, safety record and the persons who will be on the project management and design team, after which, the customer will usually announce a short list of three to five contractors to respond to a request for proposal, generally within three months. Utilizing the limited design specifications provided by the customer, we generally meet weekly over a two to three month period with design engineers to generate a bid containing quantities, prices, timing and a description of our approach for completing the project. The customer then reviews the bids and selects the one that has the best value, and considers factors such as contractor qualifications, the time estimated to complete the project and the price bid.

For our CM/GC projects, the customer typically sends out a request for proposal to general contractors for a project. The customer scores each contractor that submits a bid based on the unit prices submitted for five to twenty items that comprise approximately 10% to 20% of the project design, the profit margin proposed, the experience of the contractor for similar types of projects, the contractor's approach to completing the specific project and whether the contractor understands the CM/GC process. A committee reviews each bid and determines the best value winner to be the general contractor. If we are the winning general contractor, we work with the customer and the engineer to design the project. As various phases of the project are designed, we usually submit bids to construct phases of the project for which we are qualified. In some situations, we also solicit bids from other construction contractors. If we are the lower bidder, we are awarded a contract for that phase. In other situations, if our bid is close to the cost estimates determined by the customer and the engineer, then we will generally be awarded the contract for a particular phase; otherwise, the customer negotiates with us on an appropriate contract price; and if those negotiations are not successful, then the customer can terminate our contract.

To manage risks of changes in material prices and subcontracting costs used in tendering bids for construction contracts, we generally obtain firm price quotations from our suppliers and subcontractors, except for fuel and trucking, before submitting a bid. For fixed unit price contracts, these quotations do not include any quantity guarantees, and we have no obligation for materials or subcontract services beyond those required to complete the respective contracts that we are awarded for which quotations have been provided. For design-build and CM/GC projects, lump sum subcontracts are often executed with subcontractors.

During the construction phase of a contract, we monitor our progress by comparing actual costs incurred and quantities completed to date with budgeted amounts and the contract schedule, and periodically prepare an updated estimate of total forecasted revenue, cost and expected profit for the contract.

During the normal course of most contracts, the customer, and sometimes the contractor, initiates modifications or changes to the original contract to reflect, among other things, changes in quantities, specifications or design, method or manner of performance, facilities, materials, site conditions and the period for completion of the work. In many cases, final contract quantities may differ from those specified by the customer. Generally, the scope and price of these modifications are documented in a "change order" to the original contract and reviewed, approved and paid in accordance with the normal change order provisions of the contract. We are often required to perform extra or change order work under our fixed unit price contracts as directed by the customer even if the customer has not agreed in advance on the scope or price of the work to be performed. This process may result in disputes over whether the work performed is beyond the scope of the work included in the original contract plans and specifications or, even if the customer agrees that the work performed qualifies as extra work, the price that the customer is willing to pay for the extra work. These disputes may not be settled to our satisfaction. Even when the customer agrees to pay for the extra work, we may be required to fund the cost of the work for a lengthy period of time until the change order is approved and funded by the customer. In addition, any delay caused by the extra work may adversely impact the timely scheduling of other work on the contract (or on other contracts) and our ability to meet contract milestone dates.

The process for resolving contract claims varies from one contract to another but, in general, we attempt to resolve claims at the project supervisory level through the normal change order process or, if necessary, with higher levels of management within our organization and the customer's organization. Regardless of the process, when a potential claim arises on a contract, we typically have the contractual obligation to perform the work and must incur the related costs. We do not recoup the costs unless and until the claim is resolved, which could take a significant amount of time.

Most of our construction contracts provide for termination of the contract for the convenience of the customer, with provisions to pay us only for work performed through the date of termination. Our backlog and results of operations have not been materially adversely affected by these provisions in the past.

We act as the prime contractor on the majority of the construction contracts that we undertake. We generally complete the majority of the work on our contracts with our own resources, and we typically subcontract only specialized activities, such as traffic control, electrical systems, signage, trucking and earthmoving. As the prime contractor, we are responsible for the performance of the entire contract, including subcontract work. Thus, we are subject to increased costs associated with the failure of one or more subcontractors to perform as anticipated. We manage this risk by reviewing the size of the subcontract, the financial stability of and prior experience with the subcontractor and other factors. Although we generally do not require that our subcontractors furnish a bond or other type of security to guarantee their performance, we require performance and payment bonds on some specialized or large subcontract portions of our contracts. Disadvantaged business enterprise regulations require us to use our best efforts to subcontract a specified portion of contract work performed for governmental entities to certain types of subcontractors, including minority- and women-owned businesses. We have not experienced significant costs associated with subcontractor performance issues in the past.

Joint Ventures.

We participate in joint ventures with other large construction companies and other partners, typically for large, technically complex projects, including design-build projects, when it is desirable to share risk and resources in order to seek a competitive advantage or when the project is too large for us to obtain sufficient bonding. Joint venture partners typically provide independently prepared estimates, furnish employees and equipment, enhance bonding capacity and often also bring local knowledge and expertise. We select our joint venture partners based on our analysis of their construction and financial capabilities, expertise in the type of work to be performed and past working relationships with us, among other criteria.

Under a joint venture agreement, one partner is typically designated as the sponsor or manager. The sponsoring partner typically provides all administrative, accounting and most of the project management support for the project and generally receives a fee from the joint venture for these services. We have been designated as the sponsoring partner in certain of our current joint venture projects and are a non-sponsoring partner in others.

Joint venture contracts with project owners typically impose joint and several liability on the joint venture partners. Although our agreements with our joint venture partners provide that each party will assume and pay its share of any losses resulting from a project, if one of our partners is unable to pay its share, we would be fully liable under our contract with the project owner. Circumstances that could lead to a loss under these guarantee arrangements include a partner’s inability to contribute additional funds to the venture in the event that the project incurs a loss or additional costs that we could incur should the partner fail to provide the services and resources toward project completion that had been committed to in the joint venture agreement.

Insurance and Bonding.

All of our buildings and equipment are covered by insurance, at levels which our management believes to be adequate. In addition, we maintain general liability and excess liability insurance, workers’ compensation insurance and auto insurance all in amounts consistent with our risk of loss and industry practice.