ITERIS, INC. Form 10-K June 07, 2018

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ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K

(Mark One)

ý ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended March 31, 2018

OR

O 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 001-08762

ITERIS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

95-2588496

(I.R.S. Employer Identification No.)

1700 Carnegie Ave., Santa Ana, California

(Address of Principal Executive Offices)

92705

(Zip Code)

Registrant's Telephone Number, Including Area Code: (949) 270-9400

Securities registered pursuant to Section 12(b) of the Act:

Title of each class

Common Stock, \$0.10 par value

Name of each exchange on which registered The NASDAQ Stock Market LLC

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 of 1933, as amended (the "Securities Act"). Yes o No ý

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 o No ý

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, as amended (the "Exchange Act") 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 \circ No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T ($\S232.405$ of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes \circ No o

Indicate by a 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. \circ

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

Large accelerated filer o Accelerated filer ý Non accelerated filer o Smaller reporting company o

(Do not check if a

smaller reporting company) Emerging growth company o

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. o

Indicate by check mark whether the registrant is a shell company (as defined in Exchange Act Rule 12b-2). Yes o No ý

The aggregate market value of the registrant's common stock held by nonaffiliates of the registrant as of September 30, 2017 was approximately \$147,100,000. For the purposes of this calculation, shares owned by officers, directors and 10% stockholders known to the registrant have been deemed to be owned by affiliates. This determination of affiliate status is not necessarily a conclusive determination for other purposes. As of May 29, 2018, there were 33,203,740 shares of our common stock outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Part III of this report incorporates by reference certain information from the registrant's definitive proxy statement for the 2018 Annual Meeting of Stockholders, which will be filed with the Securities and Exchange Commission.

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Unless otherwise indicated in this report, the "Company," "we," "us" and "our" refer to Iteris, Inc. and its wholly-owned subsidiary, ClearAg, Inc. CheckPoint , ClearAg®, ClearPath Weather®, CVIEW-Plus , Edge®, EdgeConnect , EMPower®, EvapoSmart , IMFocus , inspect , iPeMS®, Iteris®, Next®, P10 , P100 , PedTrax®, Pegasus , SmartCycle®, SmartSpan®, TransitHelper®, UCRLink , Vantage®, VantageLive! , VantageNext®, VantagePegasus®, VantageRadius , Vantage Vector®, VantageView , Velocity®, VersiCam and WeatherPlot are among, but not all of, the trademarks of Iteris, Inc. Any other trademarks or trade names mentioned herein are the property of their respective owners.

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Cautionary Statement

This report, including the following discussion and analysis, contains forward-looking statements (within the meaning of the Private Securities Litigation Reform Act of 1995) that are based on our current expectations, estimates and projections about our business and our industry, and reflect management's beliefs and certain assumptions made by us based upon information available to us as of the date of this report. When used in this report and the information incorporated herein by reference, the words "expect(s)," "feel(s)," "believe(s)," "intend(s)," "plan(s)," "should," "will," "may," "anticipate(s)," "estimate(s)," "could," "should," and similar expressions or variations of these words are intended to identify forward-looking statements. These forward-looking statements include, but are not limited to, statements regarding our anticipated growth, sales, revenue, expenses, profitability, capital needs, backlog, manufacturing capabilities, the market acceptance of our products, competition, the impact of any current or future litigation, the impact of recent accounting pronouncements, the applications for and acceptance of our products and services, and the status of our facilities and product development. These statements are not guarantees of future performance and are subject to certain risks and uncertainties that could cause our actual results to differ materially from those projected. You should not place undue reliance on these forward-looking statements that speak only as of the date hereof. We encourage you to carefully review and consider the various disclosures made by us which describe certain factors which could affect our business, including in "Risk Factors" set forth in Part I, Item 1A of this report, before deciding to invest in our company or to maintain or increase your investment. We undertake no obligation to revise or update publicly any forward-looking statement for any reason, including to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipa

PART I

ITEM 1. BUSINESS

Overview

Iteris, Inc. (referred to collectively with its wholly-owned subsidiary, ClearAg, Inc., in this report as "Iteris," the "Company," "we," "our," and "us") is a provider of essential applied informatics that enable smart transportation and digital agriculture. Municipalities, government agencies, crop science companies, farmers and agronomists use our solutions to make roads safer and travel more efficient, as well as farmlands more sustainable, healthy and productive.

As a pioneer in intelligent transportation systems ("ITS") technology for more than two decades, our intellectual property, products, software-as-a-service offerings and weather forecasting systems offer a comprehensive range of ITS solutions to our customers throughout the U.S. and internationally.

In the agribusiness markets, we have combined our intellectual property with enhanced atmospheric, land surface and agronomic modeling techniques to offer smart content solutions that provide analytical support to large enterprises in the agriculture industry, such as seed and crop protection companies, integrated food companies, and agricultural equipment manufacturers and service providers.

We believe our products, solutions and services improve and safely optimize mobility within our communities, while minimizing environmental impact on the roads we travel and the lands we farm.

We continue to make significant investments to leverage our existing technologies and further expand both our advanced detection sensors and performance analytics systems in the transportation infrastructure market, while supporting the entire value chain in the agriculture market with our smart content and digital farming platform.

Iteris was incorporated in Delaware in 1987. Our principal executive offices are located at 1700 Carnegie Avenue, Santa Ana, California 92705, and our telephone number at that location is

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(949) 270-9400. Our website address is www.iteris.com. The inclusion of our website address in this report does not include or incorporate by reference into this report any information on, or accessible through, our website. Our annual reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K, together with amendments to these reports, are available on the "Investor Relations" section of our website, free of charge, as soon as reasonably practicable after such material is electronically filed with, or furnished to, the U.S. Securities and Exchange Commission ("SEC").

Recent Developments

ClearAg, Inc.

In April 2017, Iteris, Inc. formed a wholly-owned subsidiary, ClearAg, Inc., a Delaware corporation, to provide ClearAg solutions in the agribusiness markets.

Products and Services

We currently operate in three reportable segments: Roadway Sensors, Transportation Systems, and Agriculture and Weather Analytics.

The Roadway Sensors segment provides various advanced detection sensors and systems for traffic intersection management, communication systems and roadway traffic data collection applications. The Transportation Systems segment provides engineering and consulting services, performance measurement, regulatory compliance, and traffic analytics solutions, as well as the development of traveler information systems for the ITS industry. The Agriculture and Weather Analytics segment includes ClearPath Weather, our road maintenance applications, and ClearAg, our digital agriculture platform.

See Note 13 of Notes to Consolidated Financial Statements, included in Part II, Item 8 of this report, for further details on our reportable segments.

Roadway Sensors

Our Roadway Sensors segment product line uses advanced image and signal processing technology and other techniques to capture and analyze sensor data through sophisticated algorithms, enabling vehicle, bicycle and pedestrian detection, as well as the transmission of both video images and data using various communication technologies. Our Roadway Sensors products include, among others, Vantage, VantageLive!, VantageNext, VantageRadius, VantagePegasus, Vantage Vector, Velocity, SmartCycle, SmartCycle Bike Indicator, SmartSpan, VersiCam, PedTrax and P-Series products.

Our Vantage detection systems detect vehicle presence at intersections, as well as vehicle count, speed and other traffic data used in traffic management systems. Vantage detection systems typically include up to four of our advanced cameras or radar devices. Our Vantage systems give traffic managers the tools to mitigate roadway congestion by visualizing and analyzing traffic patterns allowing them to modify traffic signal timing to improve traffic flow. Our various software components complement our Vantage detection systems by providing integrated platforms to manage and view detection assets remotely over a network connection, as well as mobile application for viewing anywhere.

Our Vantage Vector video/radar hybrid product is an all-in-one detection sensor with a wide range of capabilities, including stop bar and advanced zone detection, which enable advanced safety and adaptive control applications. Vantage Vector includes all of the benefits of Iteris video detection, including high accuracy, high-availability remote viewing of video images, bicycle and pedestrian detection capability, and dilemma-zone detection.

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VantageLive! is a cloud-based platform that allows users to collect, process and analyze advanced intersection data, as well as to view and understand intersection activity.

All of our Vantage systems are available with SmartCycle capability, which can effectively differentiate between bicycles and other vehicles with a single video detection camera, enabling more efficient signalized intersections, improved traffic throughput and increased bicyclist safety. Agencies using bicycle timing can now benefit from bicycle-specific virtual detection zones that can be placed anywhere within the approaching traffic lanes, eliminating the need for separate bicycle-only detection systems.

The SmartCycle Bike Indicator, which leverages the SmartCycle bicycle detection algorithm, is a device that mounts onto traffic signals and illuminates when cyclists waiting at an intersection have been detected, allowing cyclists to avoid interacting with vehicle traffic to push pole-mounted buttons.

Our Vantage systems are also available with the PedTrax capability, which provides bi-directional counting and speed tracking of pedestrians within the crosswalk to help improve signal timing efficiency, as well as providing an additional data stream to existing vehicle and bicycle counts.

VersiCam, our integrated camera and processor video detection system, is a cost-efficient video detection system for smaller intersections that require only a few detection points.

We believe that future growth domestically and internationally, will be dependent in part on the continued adoption of above-ground video detection technologies, instead of traditional in-pavement loop technology, to manage traffic.

We also sell certain complementary original equipment manufacturer ("OEM") products for the traffic intersection market, which include, among other things, traffic signal controllers and traffic signal equipment cabinets.

Transportation Systems

Our Transportation Systems segment includes engineering and consulting services focused on the planning, design, development and implementation of software and hardware-based ITS systems that integrate sensors, video surveillance, computers and advanced communications equipment to enable public agencies to monitor, control and direct traffic flow, assist in the quick dispatch of emergency crews, and distribute real-time information about traffic conditions. Our services include planning, design, implementation, operation and management of surface transportation infrastructure systems. We perform analysis and study goods movement, commercial vehicle operations, provide travel demand forecasting and systems engineering, and identify mitigation measures to reduce traffic congestion.

The Transportations Systems segment also includes our performance measurement and management solution, iPeMS a state-of-the-art information management software suite that provides prescriptive data insights to help determine current and future traffic patterns, permitting the effective performance analysis and management of traffic infrastructure resources. iPeMS utilizes a wide range of data resources and analytical techniques to determine current and future traffic patterns, permitting the effective performance analysis and management of traffic infrastructure resources. This information can then be analyzed by traffic professionals to measure how a transportation network is performing and to identify potential areas of improvement. iPeMS is also capable of providing users with predictive traffic analytics, and easy-to-use visualization and animation features based on historical traffic conditions.

This segment also includes our commercial vehicle operations and vehicle safety compliance platforms, known as "CVIEW-Plus," "CheckPoint," "UCRLink" and "inspect."

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Our Transportation Systems segment is largely dependent upon state and local governmental funding, and to a lesser extent federal governmental funding. As such, our Transportation Systems business has been adversely affected by governmental budgetary issues. In addition, various other funding mechanisms exist to support transportation infrastructure and related projects, including, but not limited to, bonds, dedicated sales and gas tax measures, and other alternative funding sources. We believe the overall expansion of our Transportation Systems segment in the future will continue to be dependent at least in part on the federal and local government's use of funds. Delays in the allocation of funds may prolong uncertainty regarding the allotment of transportation funds in federal, state and local budgets.

Agriculture and Weather Analytics

Our Agriculture and Weather Analytics segment, which we formed during the first quarter of our fiscal year ended March 31, 2013, consists of our ClearPath Weather and Clear Ag solutions.

Our ClearPath Weather is a web-based system that has a suite of tools that enable users to assess historical weather conditions and analyze short-term and long-range weather forecasts, to customize route/site weather and pavement forecast tools, which provide winter road maintenance recommendations for state agencies, municipalities and enable commercial companies to create solutions for the management of roadway maintenance.

Our Weather Analytics business is a market leader in performance management solutions for federal and state organizations. We intend to use our strong brand and deep experience in the traffic management market, as well as our market-specific intellectual property, to expand our leadership in data aggregation and analytics in this market.

Beginning in late 2013, we undertook the development of "ClearAg solutions" for the digital agricultural market. These new products utilize and expand the intellectual property, technology base and product suites of our ClearPath Weather solutions. For our ClearAg solutions, we developed additional scientific and agronomic models and forecasts, expanded our computing infrastructure for additional big data acquisition and processing, and designed distributed delivery vehicles and products.

Our ClearAg solutions combine weather and agronomic data with proprietary land-surface modeling and analytics to solve complex agricultural problems, which results in the increased efficiency and sustainability of farmlands. The ClearAg Platform delivers product validation, irrigation and harvest solutions giving growers, researchers and other agribusinesses access to a comprehensive database of historical, real-time and forecasted weather, soil and plant health information, as well as other information on crop growth. Companies use the ClearAg Platform to simulate field conditions and determine how new products may perform on a crop given certain weather and soil conditions. Growers leverage the ClearAg Platform to determine the best times to plant, spray, fertilize, irrigate, and harvest crops.

We currently offer our ClearAg solutions on an enterprise basis combining our modeling solutions with ClearAg application programming interfaces ("APIs"). These APIs facilitate the integration of ClearAg's analytics and insights with the offerings of large enterprise customers in the agriculture market. We commenced commercial sales of the ClearAg solutions and related APIs in the first quarter of our fiscal year ended March 31, 2015 ("Fiscal 2015"). We also developed the ClearAg WeatherPlot and ClearAg Insights applications, which provide analytics on forecasted historical weather, water and soil temperatures to help agronomists and crop consultants identify and make recommendations for treatments at ideal environmental conditions to maximize crop quality and yield.

We expect market acceptance of our ClearAg solutions to continue to increase in upcoming quarters. We plan to continue to fund the investments in our ClearAg solutions, through cash flow generated from our Roadway Sensors and Transportation Systems operations, revenues from our

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Agriculture and Weather Analytics segment, and our available cash on hand, as needed. We may also elect to raise additional equity for these investments

Sales and Marketing

We currently sell our Roadway Sensors products through both direct and indirect sales channels. In the territories where we sell direct, we use a combination of our own sales personnel and outside sales organizations to sell, oversee installations and set-up issues, and support our products. Our indirect sales channel is comprised of a network of independent distributors in the U.S. and select international locations, which sell integrated systems and related products to the traffic management market. In the fourth quarter of our fiscal year ended March 31, 2018 ("Fiscal 2018"), we entered into a distribution agreement to expand our northern European sales coverage in the U.K. and Ireland. Our independent distributors are trained in, and primarily responsible for, sales, installation, set-up and support of our products, maintain an inventory of demonstration traffic products from various manufacturers, and sell directly to government agencies and installation contractors. These distributors often have long-term arrangements with local government agencies in their respective territories for the supply of various products for the construction and renovation of traffic intersections, and are generally well-known suppliers of various high-quality ITS products to the traffic management market. We periodically hold technical training classes for our distributors and end users, and maintain a full-time staff of customer support technicians throughout the U.S. to provide technical assistance when needed. When appropriate, we have the ability to modify or make changes to our distributor network to accommodate the needs of the market and our customer base.

We market and sell our Transportation Systems services and solutions, and our ClearPath Weather services primarily to government agencies pursuant to negotiated contracts that involve competitive bidding and specific qualification requirements. Most of our contracts are with federal, state and local municipal customers, and generally provide for cancellation or renegotiation at the option of the customer upon reasonable notice and fees paid for modification. We generally use selected members of our engineering, science and information technology teams on a regional basis to serve in sales and business development functions. Our Transportation Systems contracts generally involve long lead times and require extensive specification development, evaluation and price negotiations.

We currently market and sell our ClearAg solutions as a subscription-based service to seed and crop protection companies, allied providers and agriculture integrators, as well as to growers and retailers. Due to the recent consolidation of certain large companies in the agriculture market, sales to such companies typically involve long lead times. We generally sell directly to customers interested in the ClearAg API products, but typically sell through selling partners for our ClearAg applications. Mobile versions of WeatherPlot are currently available in the Apple app store and on Google Play.

We have historically had a diverse customer base. For Fiscal 2018, one individual customer represented greater than 10% of our total revenues. For the fiscal year ended March 31, 2017 ("Fiscal 2017"), one individual customer represented greater than 10% of our total revenues.

Manufacturing and Materials

We use contract manufacturers to build subassemblies that are used in our Roadway Sensors products. Additionally, we procure certain components for our Roadway Sensors products from qualified suppliers, both in the U.S. and internationally, and generally use multi-sourcing strategies when technically and economically feasible to mitigate supply risk. These subassemblies and components are typically delivered to our Santa Ana, California facility, where they go through final assembly and testing prior to shipment to our customers. Our key suppliers include Veris Manufacturing, MoboTrex, Inc. and Sony Electronics, Inc. Our manufacturing activities are conducted in approximately 9,000 square feet of space at our Santa Ana, California facility. Production volume at

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our subcontractors is based upon quarterly forecasts that we generally adjust on a monthly basis to control inventory levels. We typically do not manufacture any of the hardware used in the transportation management and traveler information systems that we design and implement. Our production facility is currently ISO 9001 certified.

Customer Support and Services

We provide warranty service and support for our products, as well as follow-up service and support for which we charge separately. Such service revenue was not a material portion of our total revenues for Fiscal 2018, Fiscal 2017 and the fiscal year ended March 31, 2016 ("Fiscal 2016"). We believe customer support is a key competitive factor for our company.

Our ClearAg solutions are primarily sold as annual subscription services with recurring monthly revenue. As an element of these services, we provide full-time support and customer service for such ClearAg solutions.

Backlog

Our total backlog of unfulfilled firm orders was approximately \$47.5 million as of March 31, 2018, which included \$37.7 million related to Transportation Systems. We typically recognize approximately 70% of our Transportation Systems backlog as of the end of a fiscal year in the subsequent fiscal year, and currently expect that trend to continue for the near future for both Transportation Systems and Agriculture and Weather Analytics. Substantially the entire backlog for Roadway Sensors as of March 31, 2018 is expected to be recognized as revenue in the fiscal year ending March 31, 2019. At March 31, 2017, we had backlog of approximately \$64.5 million, which included \$54.4 million related to Transportation Systems. The decline in backlog in the current fiscal year was largely due to the completion of a large Transportation Systems contract in the current fiscal year.

The timing and realization of our backlog is subject to the inherent uncertainties of doing business with federal, state and local governments, particularly in view of budgetary constraints, cut-backs and other delays or reallocations of funding that these entities typically face. In addition, pursuant to the customary terms of our agreements with government contractors and other customers, our customers can generally cancel or reschedule orders with little or no penalties. Lead times for the release of purchase orders often depend upon the scheduling and forecasting practices of our individual customers, which also can affect the timing of the conversion of our backlog into revenues. For these reasons, among others, our backlog at a particular date may not be indicative of our future revenues, in particular for our Roadway Sensors segment.

Product Development

Our product development activities are mostly conducted at our Agriculture and Weather Analytics facilities in Grand Forks, North Dakota and Oakland, California, as well as at our principal facility in Santa Ana, California. Our research and development costs and expenses were approximately \$7.9 million for Fiscal 2018 and \$6.9 million for both Fiscal 2017 and Fiscal 2016. We expect to continue to pursue various product development programs and incur research and development expenditures, primarily in our Agriculture and Weather Analytics and Roadway Sensors segments, in future periods.

We believe our engineering and product development capabilities are a competitive strength. We strive to continuously develop new products, technologies, features and functionalities to meet the needs of our ever-changing markets, as well as to enhance, improve upon, and refine our existing product lines. We plan to focus our development efforts in the near future in our Agriculture and Weather Analytics segment on our ClearAg solutions and to developing further enhancements and functionality in our Vantage products family. We believe that developing new and enhanced product

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offerings across our segments and enhancing, refining and marketing our existing products are key components for strong organic growth and profitability.

Competition

We generally face significant competition in each of our target markets. Increased competition may result in price reductions, reduced gross margins and loss of market share, any of which could have a material adverse effect on our business, financial condition and results of operations.

The markets in which our Agriculture and Weather Analytics segment operates vary from the commercial sector customers for ClearAg solutions to public sector customers for ClearPath Weather solutions. Our competitors vary in number, scope and breadth of the products and services they offer. In the public sector, we compete with some of the same transportation engineering, planning and design firms that also compete with our Transportation Systems segment. In the commercial sector, we compete with a variety of entities that currently provide weather-related data to that market, such as IBM/The Weather Company, MeteoGroup and agronomic analytics companies such as FBN and Farmer's Edge.

In the market for our Roadway Sensors detection products, we compete with manufacturers and distributors of other above-ground video camera detection systems such as Econolite, and manufacturers and distributors of other non-intrusive detection devices, including microwave, infrared, radar, ultrasonic and magnetic detectors, as well as manufacturers and installers of in-pavement inductive loop products, which have historically been, and currently continue to be, the predominant vehicle detection system in this market. Additionally, products such as Velocity and VantagePegasus compete against various competitors in the travel-time and data communications markets, respectively.

The markets in which our Transportation Systems segment operate are highly fragmented and subject to evolving national and regional quality, operations and safety standards. Our competitors vary in number, scope and breadth of the products and services they offer. Our competitors in advanced transportation systems include large, national corporations that generally offer expertise in traveler information, integration and transportation management. Our competitors in transportation engineering, planning and design include major regional ITS engineering firms, as well as many smaller local engineering firms.

In general, the markets for the products and services we offer are highly competitive and are characterized by rapidly changing technology and evolving standards. Many of our current and prospective competitors have longer operating histories, greater name recognition, access to larger customer bases, and significantly greater financial, technical, manufacturing, distribution and marketing resources than us. As a result, they may be able to adapt more quickly to new or emerging standards or technologies, or to devote greater resources to the promotion and sale of their products. It is also possible that new competitors or alliances among competitors could emerge and rapidly acquire significant market share. We believe that our ability to compete effectively in our target markets will depend on a number of factors, including the success and timing of our new product development, the compatibility of our products with a broad range of computing systems, product quality and performance, reliability, functionality, price and service, and technical support. Our failure to provide services and develop and market products that compete successfully with those of other suppliers and consultants in our target markets would have a material adverse effect on our business, financial condition and results of operations.

Intellectual Property and Proprietary Rights

Our ability to compete effectively depends in part on our ability to develop and maintain the proprietary aspects of our technology. Our policy is to obtain appropriate proprietary rights protection for any potentially significant new technology acquired or developed by us. We currently have a total of

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40 issued U.S. patents, including: (i) 10 relating to our Roadway Sensors technologies, one of which was issued in Fiscal 2018, (ii) 23 relating to our Agriculture and Weather Analytics technologies, six of which were issued in Fiscal 2018, and (iii) seven relating specifically to our Transportation Systems technologies, one of which was issued in Fiscal 2018. We have a total of 22 pending patent applications in the U.S. and 15 pending foreign patent applications. The expiration dates of our patents range from 2026 to 2037. We intend to pursue additional patent protection to the extent we believe it would be beneficial and cost-effective.

In addition to patent laws, we rely on copyright and trade secret laws to protect our proprietary rights. We attempt to protect our trade secrets and other proprietary information through agreements with customers and suppliers, proprietary information agreements with our employees and consultants, and other similar measures. We do not have any material licenses or trademarks other than those relating to product names. We cannot be certain that we will be successful in protecting our proprietary rights. While we believe our patents, patent applications, software and other proprietary know-how have value, rapidly evolving technology makes our future success dependent largely upon our ability to successfully achieve continuing innovation.

Litigation may be necessary in the future to enforce our proprietary rights, to determine the validity and scope of the proprietary rights of others, or to defend us against claims of infringement or invalidity by others. An adverse outcome in such litigation or similar proceedings could subject us to significant liabilities to third parties, require disputed rights to be licensed from others or require us to cease marketing or using certain products, any of which could have a material adverse effect on our business, financial condition and results of operations. In addition, the cost of addressing any intellectual property litigation claim, both in legal fees and expenses, as well as from the diversion of management's resources, regardless of whether the claim is valid, could be significant and could have a material adverse effect on our business, financial condition and results of operations.

Employees

As of March 31, 2018, we employed 414 full-time employees and 33 part-time employees, for a total of 447 employees. None of our employees are represented by a labor union, and we have never experienced a work stoppage. We believe our relations with our employees are good.

Government Regulation

Our manufacturing operations are subject to various federal, state and local laws and regulations, including those restricting the discharge of materials into the environment. We are not involved in any pending or, to our knowledge, threatened governmental proceedings, which would require curtailment of our operations because of such laws and regulations. We continue to expend funds in connection with our compliance with applicable environmental regulations. These expenditures have not, however, been significant in the past, and we do not expect any significant expenditure in the near future. Currently, compliance with foreign laws has not had a material impact on our business; however, as we expand internationally, foreign laws and regulations could have a material impact on our business in the future.

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ITEM 1A. RISK FACTORS

Our business is subject to a number of risks, some of which are discussed below. Other risks are presented elsewhere in this report and in the information incorporated by reference into this report. You should consider the following risks carefully in addition to the other information contained in this report and our other filings with the SEC, including our subsequent reports on Forms 10-Q and 8-K, before deciding to buy, sell or hold our common stock. The risks and uncertainties described below are not the only ones facing our company. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our business operations. If any of these risks actually occurs, our business, financial condition, or results of operations could be seriously harmed. In that event, the market price for our common stock could decline and you may lose all or part of your investment.

Because we depend on government contracts and subcontracts, we face additional risks related to contracting with federal, state and local governments, including budgetary issues and fixed price contracts. A significant portion of our revenues are derived from contracts with governmental agencies, either as a general contractor, subcontractor or supplier. We anticipate that revenue from government contracts will continue to remain a significant portion of our revenues. Government business is, in general, subject to special risks and challenges, including:

delays in funding and uncertainty regarding the allocation of funds to state and local agencies from the U.S. federal government, delays in the expenditures from the federal highway bill and delays or reductions in other state and local funding dedicated for transportation and ITS projects;

other government budgetary constraints, cut-backs, delays or reallocation of government funding, including without limitation, changes in the new administration;

performance bond requirements;

long purchase cycles or approval processes;

competitive bidding and qualification requirements, as well as our ability to replace large contracts once they have been completed;

changes in government policies and political agendas;

maintenance of relationships with key government entities from whom a substantial portion of our revenue is derived;

milestone requirements and liquidated damage and/or contract termination provisions for failure to meet contract milestones;

adverse weather conditions may cause delays, such as, evacuations and flooding due to hurricanes can result in our inability to perform work in affected areas; and

international conflicts or other military operations that could cause the temporary or permanent diversion of government funding from transportation or other infrastructure projects.

Governmental budgets and plans are subject to change without warning. Certain risks of selling to governmental entities include dependence on appropriations and administrative allocation of funds, changes in governmental procurement legislation and regulations and other policies that may reflect political developments or agendas, significant changes in contract scheduling, intense competition for government business and termination of purchase decisions for the convenience of the governmental entity. Substantial delays in purchase decisions by governmental entities, and the current constraints on government budgets at the federal, state and local level, and the ongoing uncertainty as to

the timing and accessibility to government funding could cause our revenues and income to drop substantially or to fluctuate significantly between fiscal periods.

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In addition, a number of our government contracts are fixed price contracts. As a result, we may not be able to recover any cost overruns we may incur. These fixed price contracts require us to estimate the total project cost based on preliminary projections of the project's requirements. The financial viability of any given project depends in large part on our ability to estimate these costs accurately and complete the project on a timely basis. In the event our costs on these projects exceed the fixed contractual amount, we will be required to bear the excess costs. Such additional costs would adversely affect our financial condition and results of operations. Moreover, certain of our government contracts are subject to termination or renegotiation at the convenience of the government, which could result in a large decline in our revenues in any given period. Our inability to address any of the foregoing concerns or the loss or renegotiation of any material government contract could seriously harm our business, financial condition and results of operations.

We recently expanded our Agriculture and Weather Analytics capabilities to address a new market segment, the agricultural market, which may not broadly accept our technologies and new products. The application of digital analytics to the agricultural market is a relatively new development that has required us to invest, and is expected to continue to require us to invest, in additional research and development, and sales and marketing without any guarantee of a commensurate increase in revenues. The introduction of any new Agriculture and Weather Analytics products and services could have longer than expected sales cycles, which could adversely impact our operating results. We cannot assure you that growers or other companies in this market will perceive the value proposition of our Agriculture and Weather Analytics or that our new ClearAg products for this market will achieve broad market acceptance in the near future or at all. If the agricultural market fails to understand and appreciate the benefit of our Agriculture and Weather Analytics products or chooses not to adopt our technologies, our business, financial condition and results of operations will be adversely affected.

We may not be able to achieve profitability on a quarterly or annual basis in the future. For Fiscal 2018 and Fiscal 2017, we had net losses of \$3.5 million and \$4.8 million, respectively, and we cannot assure you that we will be profitable in the future. Our ability to become profitable in future periods could be impacted by governmental budgetary constraints, government and political agendas, economic instability and other items that are not in our control. Furthermore, we rely on operating profits from certain of our business segments to fund investments in sales and marketing and research and development initiatives. We cannot assure you that our financial performance will sustain a sufficient level to completely support those investments. Most of our expenses are fixed in advance. As such, we generally are unable to reduce our expenses significantly in the short-term to compensate for any unexpected delay or decrease in anticipated revenues or increases in planned investments. As a result, we may continue to experience operating losses and net losses in the future, which would make it difficult to fund our operations and achieve our business plan, and could cause the market price of our common stock to decline.

Our profitability could be adversely affected if we are not able to maintain adequate utilization of our Transportation Systems workforce. The cost of providing our Transportation Systems engineering and consulting services, including the extent to which we utilize our workforce, affects our profitability. The rate at which we utilize our workforce is affected by a number of factors, including:

our ability to transition employees from completed projects to new assignments and to hire and assimilate new employees; our ability to forecast demand for our services and thereby maintain an appropriate headcount in our various regions; the timing of new contract awards or the completion of large contract; availability of funding or other budget issues;

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our need to devote time and resources to training, business development, professional development and other non-chargeable activities; and

our ability to match the skill sets of our employees to the needs of the marketplace.

An inability to properly and fully utilize our Transportation Systems workforce could have an adverse effect on our results of operations.

We recently entered into the software development market and may be subject to additional challenges and additional costs and delays. We have only been in the business of software development for a few years and may experience development and technical challenges. Our business and results of operations could also be seriously harmed by any significant delays in our software development and updates. Despite testing and quality control, we cannot be certain that errors will not be found in our software after its release. Any faults or errors in our existing products or in any new products may cause delays in product introduction and shipments, require design modifications, or harm customer relationships or our reputation, any of which could adversely affect our business and competitive position. In addition, the software development industry frequently experiences litigation concerning intellectual property disputes, which could be costly and distract our management.

If we do not keep pace with rapid technological changes and evolving industry standards, we will not be able to remain competitive, and the demand for our products will likely decline. Our markets are in general characterized by the following factors:

rapid technological advances;
downward price pressures in the marketplace as technologies mature;
changes in customer requirements;
additional qualification requirements related to new products or components;
frequent new product introductions and enhancements;
inventory issues related to transition to new or enhanced models; and
evolving industry standards and changes in the regulatory environment.

Our future success will depend upon our ability to anticipate and adapt to changes in technology and industry standards, and to effectively develop, introduce, market and gain broad acceptance of new products and product enhancements incorporating the latest technological advancements.

If we are unable to develop and introduce new products and product enhancements successfully and in a cost-effective and timely manner, or are unable to achieve market acceptance of our new products, our operating results would be adversely affected. We believe our revenue growth and future operating results will depend on our ability to complete development of new products and enhancements, introduce these products in a timely, cost-effective manner, achieve broad market acceptance of these products and enhancements, and reduce our production costs. During the past two fiscal years, we have introduced both new and enhanced products across all segments. We cannot guarantee the success of these products, and we may not be able to introduce any new products or any enhancements to our existing products on a timely basis, or at all. In addition, the introduction of any new products could adversely affect the sales of certain of our existing products.

We believe that we must continue to make substantial investments to support ongoing research and development in order to develop new or enhanced products and software to remain competitive. We need to continue to develop and introduce new products that incorporate the latest technological advancements in outdoor image processing hardware, camera technologies, software and analysis in response to evolving

customer requirements. We cannot assure you that we will be able to adequately

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manage product transition issues. Our business and results of operations could be adversely affected if we do not anticipate or respond adequately to technological developments or changing customer requirements or if we cannot adequately manage inventory issues typically related to new product transitions and introductions. We cannot assure you that any such investments in research and development will lead to any corresponding increase in revenue.

If our security measures are breached and unauthorized access is obtained to our customer's personal and/or proprietary data in connection with our web-based and mobile application services, we may incur significant liabilities, our services may be perceived as not being secure and customers may curtail or stop using our services, we could incur significant liability to our customers and to individuals or businesses whose information was being stored, our business may suffer and our reputation will be damaged. Because techniques used to obtain unauthorized access to, or to sabotage, systems change frequently and generally are not recognized until launched against a target, we may be unable to anticipate these techniques or to implement adequate preventive measures. If an actual or perceived breach of our security occurs, the market perception of the effectiveness of our security measures could be harmed and we could lose sales and customers.

The markets in which we operate are highly competitive and have many more established competitors than us, which could adversely affect our revenues or the market acceptance of our products. We compete with numerous other companies in our target markets including, but not limited to, large, multi-national corporations and many smaller regional engineering firms.

We compete with existing, well-established companies and technologies in our Roadway Sensors segment, both domestically and abroad. Only a portion of the traffic intersection market has adopted advanced above-ground detection technologies, and our future success will depend in part upon gaining broader market acceptance for such technologies. Certain technological barriers to entry make it difficult for new competitors to enter the market with competing video or other technologies; however, we are aware of new market entrants from time to time. Increased competition could result in loss of market share, price reductions and reduced gross margins, any of which could seriously harm our business, financial condition and results of operations.

The Transportation Systems market is highly fragmented and is subject to evolving national and regional quality and safety standards. Our competitors vary in size, number, scope and breadth of the products and services they offer, and include large multi-national engineering firms and smaller local regional firms.

The markets in which our Agriculture and Weather Analytics segment operates vary from public sector customers who focus on snow and ice management for state and county roadways, to commercial sector customers who employ our environmental content and agronomic models. Our competitors include divisions of large, international weather companies, as well as a variety of small providers in the road weather market. In the commercial agriculture sector, we compete with a variety of public and private entities that currently market software, agronomic analytics and weather forecast capabilities to the agribusiness.

In each of our operating segments, many of our competitors have far greater name recognition and greater financial, technological, marketing and customer service resources than we do. This may allow our competitors to respond more quickly to new or emerging technologies and changes in customer requirements. It may also allow them to devote greater resources to the development, promotion, sale and support of their products and services than we can. Consolidations of end users, distributors and manufacturers in our target markets exacerbate this problem. As a result of the foregoing factors, we may not be able to compete effectively in our target markets and competitive pressures could adversely affect our business, financial condition and results of operations.

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We may not be able to adequately protect or enforce our intellectual property rights, which could harm our competitive position. If we are not able to adequately protect or enforce the proprietary aspects of our technology, competitors may be able to access our proprietary technology and our business, financial condition and results of operations will likely be seriously harmed. We currently attempt to protect our technology through a combination of patent, copyright, trademark and trade secret laws, employee and third party nondisclosure agreements and similar means. Despite our efforts, other parties may attempt to disclose, obtain or use our technologies or systems. Our competitors may also be able to independently develop products that are substantially equivalent or superior to our products or design around our patents. In addition, the laws of some foreign countries do not protect our proprietary rights as fully as do the laws of the U.S. As a result, we may not be able to protect our proprietary rights adequately in the U.S. or abroad.

Litigation may be necessary in the future to enforce our intellectual property rights or to determine the validity and scope of the proprietary rights of others. Litigation may also be necessary to defend against claims of infringement or invalidity by others. We have in the past, and may in the future, be subject to litigation regarding our intellectual property rights. An adverse outcome in litigation or any similar proceedings could subject us to significant liabilities to third parties, require us to license disputed rights from others or require us to cease marketing or using certain products or technologies. We may not be able to obtain any licenses on terms acceptable to us, or at all. We also may have to indemnify certain customers or strategic partners if it is determined that we have infringed upon or misappropriated another party's intellectual property. Our recent expansion into software development activities may subject us to increased possibility of litigation. Any of the foregoing could adversely affect our business, financial condition and results of operations. In addition, the cost of addressing any intellectual property litigation claim, including legal fees and expenses, and the diversion of management's attention and resources, regardless of whether the claim is valid, could be significant and could seriously harm our business, financial condition and results of operations.

Our failure to successfully secure new contracts and renew existing contracts could reduce our revenues and profitability. Our business depends on our ability to successfully bid on new contracts and renew existing contracts with private and public sector customers. Contract proposals and negotiations are complex and frequently involve a lengthy bidding and selection process, which are affected by a number of factors, such as market conditions, financing arrangements and required governmental approvals. For example, a customer may require us to provide a surety bond or letter of credit to protect the client should we fail to perform under the terms of the contract. If negative market conditions continue, or if we fail to secure adequate financing arrangements or the required governmental approval or fail to meet other required conditions, we may not be able to pursue particular projects, which could reduce or eliminate our profitability.

We may continue to be subject to traffic related litigation. The traffic industry in general is subject to litigation claims due to the nature of personal injuries that result from traffic accidents. As a provider of traffic engineering services, products and solutions, we are, and could from time to time in the future continue to be, subject to litigation for traffic related accidents, even if our products or services did not cause the particular accident. While we generally carry insurance against these types of claims, some claims may not be covered by insurance or the damages resulting from such litigation could exceed our insurance coverage limits. In the event that we are required to pay significant damages as a result of one or more lawsuits that are not covered by insurance or exceed our coverage limits, it could materially harm our business, financial condition or cash flows. Even defending against unsuccessful claims could cause us to incur significant expenses and result in a diversion of management's attention.

We may be unable to attract and retain key personnel, including senior management, which could seriously harm our business. Due to the specialized nature of our business, we are highly dependent on the continued service of our executive officers and other key management, engineering and technical

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personnel. We believe that our success will depend on the continued employment of a highly qualified and experienced senior management team and our ability to retain existing business and generate new business. The loss of any of our officers, or any of our other executives or key members of management could adversely affect our business, financial condition, or results of operations (e.g., loss of customers or loss of new business opportunities). Our success will also depend in large part upon our ability to continue to attract, retain and motivate qualified engineering and other highly skilled technical personnel. Particularly in highly specialized areas, it has become more difficult to retain employees and meet all of our needs for employees in a timely manner, which may adversely affect our growth in the current fiscal year and in future years. Although we intend to continue to devote significant resources to recruit, train and retain qualified skilled personnel, we may not be able to attract and retain these employees and therefore could impair our ability to perform our contractual obligations efficiently and timely meet our customers' needs and win new business, which could adversely affect our future results. The future success of our Transportation Systems segment will depend on our ability to hire additional qualified engineers, planners and technical personnel. The future success of our Agriculture and Weather Analytics segment will depend on our ability to hire additional software developers, qualified engineers and technical personnel. Competition for qualified employees, particularly development engineers and software developers, is intense. We may not be able to continue to attract and retain sufficient numbers of such highly skilled employees. Our inability to attract and retain additional key employees or the loss of one or more of our current key employees could adversely affect our business, financial condition and results of operations.

Our management information systems and databases could be disrupted by system security failures, cyber threats or by the failure of, or lack of access to, our Enterprise Resource Planning system. These disruptions could negatively impact our sales, increase our expenses and/or harm our reputation. Internal users and computer programmers may be able to penetrate, aka "hack", our network security and create system disruptions, cause shutdowns and/or misappropriate our confidential information or that of our employees and third parties. Therefore, we could incur significant expenses addressing problems created by security breaches to our network. We must, and do, take precautions to secure customer information and prevent unauthorized access to our databases and systems containing confidential information. Any data loss or information security lapses resulting in the compromise of personal information or the improper use or disclosure of confidential, sensitive or classified information could result in claims, remediation costs, regulatory sanctions against us, loss of current and future contracts and serious harm to our reputation. We operate our Enterprise Resource Planning system on a software-as-a-service platform, and we use this system for reporting, planning, sales, audit, customer relationship management, inventory control, loss prevention, purchase order management and business intelligence. Accordingly, we depend on this system, and the third-party provide of this service, for a number of aspects of our operations. If this service provider or this system fails, or if we are unable to continue to have access to this system on commercially reasonable terms, or at all, operations would be severely disrupted until an equivalent system could be identified, licensed or developed, and integrated into our operations. This disruption would have a material adverse effect on our business.

If we experience declining or flat revenues and we fail to manage such declines effectively, we may be unable to execute our business plan and may experience future weaknesses in our operating results. Based on our business objectives, and in order to achieve future growth, we will need to continue to add additional qualified personnel, and invest in additional research and development and sales and marketing activities, which could lead to increases in our expenses and future declines in our operating results. In addition, our past expansion has placed, and future expansion is expected to place, a significant strain on our managerial, administrative, operational, financial and other resources. If we are unable to manage these activities or any revenue declines successfully, our growth, our business, our financial condition and our results of operations could continue to be adversely affected.

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Our use of estimates in conjunction with the percentage of completion method of accounting for our Transportation Systems revenues could result in a reduction or reversal of previously recorded revenues and profits. A portion of Transportation Systems revenues are measured and recognized using the percentage of completion method of accounting. Our use of this accounting method results in recognition of revenues and profits proportionally over the life of a contract, based generally on the proportion of costs incurred to date to total costs expected to be incurred for the entire project. The effects of revisions to revenues and estimated costs are recorded when the amounts are known or can be reasonably estimated. Such revisions could occur in any period and their effects could be material. Although we have historically made reasonably reliable estimates of the progress towards completion of long-term engineering, program management, construction management or construction contracts, the uncertainties inherent in the estimating process make it possible for actual costs to vary materially from estimates, including reductions or reversals of previously recorded revenues and profits.

Uncertainties in the interpretation and application of the new revenue recognition standard ASC 606 could materially affect our revenue recognition. As discussed in Note 1 to the Consolidated Financial Statements (Description of Business and Summary of Significant Accounting Policies Recent Accounting Pronouncements), effective March 1, 2018, we adopted the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2014-09, Revenue from Contracts with Customers ("ASC 606"). We believe that ASC 606 and related revenue recognition policies will not result in a material change to our consolidated financial statements, and will not cause any significant changes to the amount and timing of our recognition of future revenue and cost. However, uncertainties in future guidance of the interpretation and application of ASC 606 could materially affect our revenue and cost recognition.

Uncertainties in the interpretation and application of the 2017 Tax Cuts and Jobs Act could materially affect our tax obligations and effective tax rate. The 2017 Tax Cuts and Jobs Act (the "Tax Act") was enacted on December 22, 2017, and significantly affected U.S. tax law by changing how the U.S. imposes income tax on multinational corporations. The U.S. Department of Treasury has broad authority to issue regulations and interpretative guidance that may significantly impact how we will apply the law and impact our results of operations in the period issued. The Tax Act requires complex computations not previously provided in U.S. tax law. As such, the application of accounting guidance for such items is currently uncertain. Further, compliance with the Tax Act and the accounting for such provisions require accumulation of information not previously required or regularly produced. As a result, we have provided a provision on the effect of the Tax Act in our financial statements. As additional regulatory guidance is issued by the applicable taxing authorities, and the accounting treatment is clarified, we plan to perform additional analysis on the application of the law, and may need to refine our estimates in calculating the impact of such further guidance. As such, our final analysis may be different from our current provisional amounts, which could materially affect our tax obligations and effective tax rate.

Declines in the value of securities held in our investment portfolio can affect us negatively. As of March 31, 2018, the value of securities available for sale and held to maturity within our investment portfolio was \$9.0 million, which is generally determined based upon market values available from third-party sources, may fluctuate as a result of market volatility and economic or financial market conditions. Declines in the value of securities held in our investment portfolio negatively impact our levels of capital and liquidity. Further, to the extent that we experience unrealized losses in our portfolio of investment securities from declines in securities values that management determines to be other than temporary, the book value of those securities will be adjusted to their estimated recovery value and we will recognize a charge to earnings in the quarter during which we make that determination. Although we have policies and procedures in place to assess and mitigate potential impacts of market risks, including hedging-related strategies, those policies and procedures are inherently limited because they cannot anticipate the existence or future development of currently

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unanticipated or unknown risks. Accordingly, we could suffer adverse effects as a result of our failure to anticipate and manage these risks properly.

If our internal controls over financial reporting do not comply with the requirements of the Sarbanes-Oxley Act, our business and stock price could be adversely affected. Section 404 of the Sarbanes-Oxley Act of 2002 currently requires us to evaluate the effectiveness of our internal controls over financial reporting at the end of each fiscal year and to include a management report assessing the effectiveness of our internal controls over financial reporting in all annual reports. We are required to obtain our auditors' attestation pursuant to Section 404(b) of the Sarbanes-Oxley Act. Going forward, we may not be able to complete the work required for such attestation on a timely basis and, even if we timely complete such requirements, our independent registered public accounting firm may still conclude that our internal controls over financial reporting are not effective.

A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within Iteris have been or will be detected. These inherent limitations include the realities that judgments in decision-making can be faulty and that breakdowns can occur because of simple errors or mistakes. Controls can also be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the controls. The design of any system of controls is based in part on certain assumptions about the likelihood of future events, and we cannot assure you that any design will succeed in achieving its stated goals under all potential future conditions. Over time, our controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with policies or procedures. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected. If we are not able to maintain effective internal controls over financial reporting, we may lose the confidence of investors and analysts and our stock price could decline.

Our quarterly operating results fluctuate as a result of many factors. Therefore, we may fail to meet or exceed the expectations of securities analysts and investors, which could cause our stock price to decline. Our quarterly revenues and operating results have fluctuated and are likely to continue to vary from quarter to quarter due to a number of factors, many of which are not within our control. Factors that could affect our revenues include, among others, the following:

delays in government contracts and funding from time to time and budgetary constraints at the federal, state and local level-
our ability to access stimulus funding, funding from the federal highway bill or other government funding;
declines in new home and commercial real estate construction and related road and other infrastructure construction;
changes in our pricing policies and the pricing policies of our suppliers and competitors, pricing concessions on volume sales, as well as increased price competition in general;
the long lead times associated with government contracts;
the size, timing, rescheduling or cancellation of significant customer orders;
our ability to control costs;
our ability to raise additional capital;

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the mix of our products and services sold in a quarter, which has varied and is expected to continue to vary from time to time;