



**Stephen C. Paynter, PE (OR), M.ASCE**

Project Engineer

Oscar Larson & Associates

**REGISTRATION:** Registered Professional Engineer, Oregon, No. 16,681, 1993  
Nuclear Density/Moisture Gauge Operator, No. 17,575 and No. 45,242  
Radiation Safety Officer, No. 11,667

**EDUCATION:** B.S., Civil Engineering Technology, Oregon Institute of Technology, Klamath Falls, 1990  
A.S., Computer Systems Engineering Technology, Oregon Institute of Technology, Klamath Falls, 1976

**CERTIFICATIONS:** California Department of Transportation (Caltrans); sampling, field and laboratory testing of hot mix asphalt, soils, concrete and aggregate.  
Haestad Methods water distribution modeler A+ Certification.

**INTRODUCTION:**

Mr. Paynter has more than 35 years of experience in the field of civil engineering. With his plus 25-year tenure with Oscar Larson & Associates (OLA) he has become an integral part of the company's engineering team, where he has participated in numerous projects and, as a result, acquired extensive, dynamic and multifaceted project skills and experience.

**EXPERIENCE:**

*OSCAR LARSON & ASSOCIATES*

Mr. Paynter has focused experience in street and roadway design, storm drainage conveyance study and design, small-scale wastewater and water system study and operations, construction inspection, and development of construction materials management and testing programs.

Mr. Paynter is a project engineer and engineering team leader where he has managed and contributed to the study, evaluation, design, and construction services for roadway, water distribution and storage, sanitary sewerage collection and disposal, storm drainage conveyance, on-site wastewater projects; study, modeling, design, survey, construction services of water storage, water pumping, water storage and water distribution system projects; study, design and construction services for storm drainage system projects; and as a project manager for a variety of building component designs, construction surveys projects, and the construction services.

Mr. Paynter serves as a special consultant for materials and material testing programs for a wide variety of projects throughout Northern California and Southern Oregon. He acts as a peer review specialist for materials testing programs and construction quality assurance programs and is the Manager of OLA's construction inspection and materials testing laboratory where he performs and directs sampling and testing programs for soils, aggregates, asphalts, concretes, and a variety of other materials.



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Sample projects of his recent experience are:

- Special inspection and materials testing for the \$1.5 million Crescent City Englund Marine store.
- Special inspection and materials testing for the Redwood Petroleum McKinleyville and Crescent City store upgrades and site improvements.
- Special inspection and materials testing for the Eureka Walmart project.
- Caltrans Quality Assurance for the Smith River HWY101 Tiger 3 Safety Project.
- Concrete and asphalt pavement testing for the original Crescent City Walmart and the upgrade Super Walmart project.
- Special inspection and materials testing for the \$1 million Crescent City Autozone store.
- Project Manager, Project Designer and Inspector for \$1 million Bertsch Ocean-view State Street water line improvement project.
- Inspection and materials testing for the \$2 million Coos-Curry Electric Cooperative Thomas Creek to Brookings 230 KVA transmission line tower foundation construction project and subsequent Tower 112 emergency replacement.
- City Engineer, Project Manager, Project Engineer and Inspector for the \$3 million Brookings tank and tank site improvements.
- Special inspection and materials testing for the \$7 million Del Norte County Wellness Center project.
- Lead inspector and materials testing for the \$1.8 million Crescent City Wastewater Rehabilitation project.
- Special inspection and materials testing for the \$11 million Brookings-Harbor School District project.
- Special inspection and materials testing for the \$4 million Brookings United States Post Office project.
- Special inspection and materials testing for the \$5 million Del Norte County Juvenile Hall project.
- Materials testing for the City of Crescent City's; 9<sup>th</sup> Street Roadway, 5<sup>th</sup> Street Roadway Reconstruction, Roosevelt Water System improvement projects.
- Lead inspector and materials testing for the \$2.8 million Del Norte County Service Area No. 1 wastewater system rehabilitation project.
- Project manager, materials testing and inspector for the \$0.5 million Bertsch-Ocean View Community Services District tank and tank site improvements.

#### *OREGON STATE HIGHWAY DIVISION*

Mr. Paynter's assigned duties were: overseeing concrete batch plant operations supplying concrete to a highway bridge project, a member of a construction survey crew, construction inspection of bridge and highway improvements; and, under the direction of the Regional Geologist, he was responsible for the researching, qualifying, and documentation of the aggregate management plan for aggregate sources within a six-county area for the State of Oregon.

#### *CITY OF ROSEBURG, OREGON*

Mr. Paynter worked for eight years as an Engineering Technician, performing road designs and construction inspection at the direction of the City Engineer. He was responsible for project construction inspection, construction surveys, infrastructure design, construction specification preparation, and preparation of construction cost opinions for numerous municipal infrastructure improvement projects. He designed and inspected the construction of a \$1.2 million street, water, sewer, drainage, and utilities improvements project. He was responsible for maintaining the city's storm drainage and sanitary sewer base map control systems as well as the pavement management data base.



### **CONTINUING EDUCATION:**

Mr. Paynter actively participates in continuing education programs to stay abreast of changes in Civil Engineering technology, methods and procedures. A brief summary and sampling of subjects are:

- Annual Caltrans examination, inspection and recertification process for standard sampling methods, soil (specifically compaction testing), concrete, aggregate and hot mix asphalt testing.
- Concrete forensic evaluation of damage, planning and preparation of repair methods, maintenance of existing structures, concrete mix additives and placement techniques.
- Masonry water repellency and efflorescence control methods.
- Geosynthetics use in soil stabilization and pavement reflective cracking mitigation.
- Storm drainage management of residential and commercial developments, drainage trespass and nuisance considerations, methods of storm water constructed wetlands, sizing and design considerations of storm water retention or retention methods, SCS TR-55 runoff analysis methods and unit hydrographs runoff analysis.
- Water system development and study and completion of the Haestad water system modeling certification process. Achieved an A+ rating.
- Water supply development using unconventional methods.
- FEMA 154, Rapid Visual Screening of Buildings for Potential Seismic Hazards and ATC 20 Post Earthquake Safety Evaluations of Buildings.
- EPA on-site wastewater treatment processes, systems and management, packaged methods of wastewater treatment, and sewer system infiltration and inflow detection and evaluation techniques.
- Asphalt design basics, computerized pavement design tools, “Superpave” mix design and fundamentals of pavement compaction operations.

### **ORGANIZATIONS:**

Professional: Member, American Society of Civil Engineers (ASCE)  
Member, American Concrete Institute (ACI)

Pleasure: Club Trustee, Del Norte Amateur Radio Club