

# Mohan Sagar

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experience in the construction industry, 20 of which has been in spec writing, editing, and reviewing. I prefer to work remotely; but am a team player, who works best in collaborating with subject matter experts in the development of Master and project specifications. I bring with me professionalism, ethical commitment, and strong communication and team building talents.

## Experience

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### **SPECIFICATIONS WRITER**

Jan 2018 - Jun 2021

CDM Smith, Dallas, US

Collaborated with specialists in other disciplines, including engineers, product management, instructional design and support in development of a ProjectWise Master Specification Library for CDM Smith.

Guided Project Design Teams in the selection of appropriate Master Specifications for use in large construction projects.

Conducted governance reviews of the Specifications for compliance with CSI Section Format and Page Format; checked for conflicts within each

specification, cross-referenced specifications, Div 00 Contract documents and 01 General Conditions.

Worked with CDM Smith's Office of General Consul to ensure compliance of Client-provided Contract Documents and General Conditions.

Coordinated with subject matter experts and communities of practice in the development of non-Master custom specifications for use in projects.

### **SPECIFICATIONS PROGRAM SPECIALIST**

Dec 2000 - Dec 2017

Colorado Department of Transportation, Denver, US

Regularly wrote and published the Colorado Dept.

Of Transportation Standard Specifications for Road and Bridge Construction.

Developed and maintained a library of Standard Special Provisions and Sample Project Specifications for use in CDOT projects.

Provided expertise and oversight on consultant developed specifications for CDOT projects.

Developed custom specifications for use in Intelligent Transportation Systems, Erosion Control, and Environmental Protection.

Subject matter expert to CDOT Staff, consultants and the construction industry on the use and application of CDOT Standard Specifications.

Trained staff in the use of application of specialized software applications for the creation of project specifications.

### **NETWORK LEVEL PAVEMENT MANAGEMENT ENGINEER**

Nov 1995 - Dec 2000

Colorado Department of Transportation, Denver, US

Working in a five-person team - designed, developed, tested, and maintained a Pavement Management System for use by the Transportation Commission and Regional Pavement Engineers for Budget Allocation, Pavement Condition Forecasting, and Project Creation. Managed in-house and consultant software programmers in the development, testing and implementation of customized Pavement Management Software. Managed data consultants in the collection of Pavement Performance data. Used Microsoft Access to streamline data for import by the Pavement Management System software, and to prepare customized reports for use by the Transportation Commission. Served as the subject matter expert on Network Level Pavement Management at meetings of the Transportation Commission and local agency COGs. Trained CDOT Staff and local agencies in the use of CDOT's customized software for Pavement Management.

**DESIGN ENGINEER/CONSULTANT MANAGER**

Jun 1989 - Oct 1995

Colorado Department of Transportation, Denver, US

Prepared design plans and specifications in accordance with Federal and State standards for large-scale construction projects in the State of Colorado's highway system. Managed consultants in the preparation of design plans and specifications for use by the State in Construction projects. Led technical committees to beta test and implement computer hardware and customized software for use in project design and surveying. Completed Supervisory Certification Training and implemented practices to improve job performance and informal leadership skills.

**Skills & Specialization**

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Word, Cdm, Csi, Project Design, Design Engineer, Technical Editing, Microsoft Word, Microsoft Excel, Excel, Business Writing

**Education**

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**University of Colorado At Denver**

Aug 1988

International Affairs  
Denver, US

**University of Colorado At Denver**

Aug 1988

Civil Engineering  
Denver, US