



# Transportation Engineering: Street and Road Design

---

- Urban & Rural Roads
- New & Reconstruction
- Intersection Design
- Traffic Calming
- Urban Renewal

WEI has experience with various aspects of transportation engineering, including street and intersection reconstruction design, traffic calming facilities, and the design of new urban and rural streets, having particular emphasis and experience with reconstruction design. Projects range from a few blocks to larger urban renewal projects to redesigning all the streets in a town that involved 38 blocks and 27 intersections on steep mountainside terrain.

## Selected Projects

---



### **South Avenue Reconstruction Project 5th St. to 9th St.**

Redesign street with bike and parking lanes, separate combined sewers into storm and sanitary sewers, new waterline and add fire hydrants. Existing utilities to avoid conflict with included: a 24", 21", and 15" combined sewer; a 12" high pressure and 10" medium pressure gas line; two 6" electric conduits plus high voltage overhead lines; phone, irrigation, and water lines; and various small storm drain lines. Design included crossing all this with a proposed 48" storm drain.

### **Roadway Reconstruction & Drainage Project, Collbran, CO**

Design of reconstruction of 38 blocks and over two miles of local residential streets and collectors with 27 intersections, and provide drainage improvements.

### **18 Road Reconstruction Project Phase II, Fruita, CO**

Design reconstruction of 1500 feet of arterial road for the City of Fruita. Project included storm drain upgrades.

### **State Hwy 6 & 18 Road, Fruita, CO**

As acting City Engineer, set up RFP for CDOT & city intersection improvements.

### **32-1/2 & E-1/2 Road Intersection Realignment Project, Mesa County, CO**

Design of realignment of an offset intersection, with utility and storm drain improvements.

### **32-1/2 Road Construction Project, Mesa County, CO**

Design street widening and intersection improvements to accommodate new school, design 5/8 mile storm interceptor.

### **Alley Reconstruction Projects (1992, 1994, 1996, 1998, 1999 and 2003), Grand Junction, CO**

Design concrete pavement & sewerline replacement in alleys. Narrow alleys with adjacent driveways and backyard walks present unique grading challenge to match in and provide for proper drainage.



### **Nancy Street, Mesa County, CO**

Design reconstruction of local street and intersection with minor arterial. Project includes storm drain design.

### **J & 18 Road Reconstruction, Fruita, CO**

4000 feet of collector road and intersection redesign at high school and 3300 feet of regional storm drain.

### **Peach Street Reconstruction: Phase II, Fruita, CO**

Design road reconstruction for 1750 feet of downtown streets and design drainage and sewer improvements, and construction oversight.

### **Apple Street Reconstruction, Fruita, CO**

Street reconstruction and storm drains.

### **400 East Street, Moab, UT**

Design median & improvements.

