



The City of Farmington, New Mexico Implements Autodesk® Civil 3D



The Animas River and the San Juan River Junction



The City of Farmington Wastewater Treatment Plant

→ THE CUSTOMER

The City of Farmington is located in the picturesque San Juan River Valley, within sight of the rugged San Juan Mountains of Colorado and desert highlands of Arizona and Utah. Farmington, New Mexico, population 41,000, is the largest city in the Four Corners area and a perfect place to enjoy extraordinary outdoor recreation and travel adventures. It's surrounded by world class cultural treasures and outstanding landscapes. In addition, The Four Corners area is legendary for its year-round pleasant climate, which makes it a pleasurable destination during any season.

→ THE CHALLENGE

The City of Farmington wanted to advance to the latest technology for city planning and community development.

→ DESIRED OUTCOME

With a number of complex infrastructure projects on the horizon, The City decided to take a step forward and move to a more progressive civil design application. Autodesk Civil 3D uses an industry-proven dynamic engineering model that maintains intelligent object relationships and has the functionality they were seeking.

→ THE SOLUTION

The philosophy of The City of Farmington is that well-trained employees are more productive and cost-efficient, which in turn benefits The City because they attain the maximum value of their software. "Within the last year, we had ten of our engineering technicians attend the Civil 3D training course, and we are already seeing the pay off," stated Department of Community Development CAD Technician, Jimmy Hodges.

→ ACTUAL RESULTS

"Civil 3D is a lot quicker and easier to use when solving our challenges. Surfaces, cross sections, profiles, annotations, alignments, and more are dynamically linked and update automatically, reducing costly errors and omissions. We can evaluate multiple alternatives quickly, make smarter decisions, minimize manual edits, and output updated plans automatically," Hodges added.

Jimmy also noted, "I really like the interface when compared to Autodesk® Land Desktop, especially the prospector tree, because it allows me to manage and access drawing and project objects; it allows for direct and easy access to all my civil 3D data." The City uses Civil 3D for projects such as designing sewer lines, storm drains, and re-routing irrigation sub assemblies. "We're improving our turnaround time on projects and this improves our timelines with our contractors, which in return saves The City time and money," declared Jimmy. "My future plans are learning to incorporate GIS information into our Civil 3D designs using Autodesk Map® 3D and Autodesk® Raster Design applications. I have an ESRI product on my desktop, and it is a very different working environment. I am already familiar with AutoCAD, and it will be a smoother transition to use the GIS applications inherent in Civil 3D product instead," noted Jimmy.