



**PROJECT:**

***Pioneer Courthouse Exterior Stone Repairs and Restoration***

In 2006, after over 150 years of existence, the oldest courthouse still standing west of the Mississippi River was in dire need of substantial TLC. Cherokee Construction Services was contracted about the restoration work on the exterior stone and over the next 2 years, GSA procured funding and prepared contract packages. In 2008, we were finally awarded our first contract to restore the west face of the Pioneer Courthouse.

In the course of performing the restoration, our crews discovered unanticipated types of coatings and restoration materials used in previous restoration efforts. These previous methods and materials had actually caused additional degradation to the stone and mortar, making our work much more complex. GSA and Cherokee Construction worked together to develop more appropriate means and methods for completing the originally anticipated work and the additional work required to fix the hidden damage. The historical nature of this project meant that much of this work became labor intensive hand honing, a natural method for restoring stone to its original state.

Color matching the varied hues in the stone presented additional challenges where reconstruction was required. Petrographic analysis of extracted stone and mortar samples helped us develop color matching recipes which could be exactly duplicated by the crews in the field to replicate the wide range of patterns and colors that make up the original stone.

Because of our work on the west face, Cherokee Construction Services was chosen to continue around to the south face and then onto the north and east faces.



***Project Highlights:***

- Pioneer Courthouse – National Landmark of Historic Places
- Custom Scaffolding Design – No Building Attachment Allowed
- Elevated Work Platforms With Zero Incidents

***Project Vitals:***

- **Client:** General Services Administration
- **Location:** Portland, Oregon
- **Contract Amount:** \$2,092,572.23
- **Duration:** May 2008 – August 2010
- **Contract #:** GS-10P-08-LT-C-0078, GS-10P-09-LT-C-0020 & GS-10P-09-LT-C-0117
- **Amount Self Performed:** 30%
- **NAICS Code:** 238140