

Construction Management

The Tulsa District's primary focus has been tribal grant support. This includes a team of experts participating in:

- ◇ Contractor solicitation
- ◇ Contractor selection
- ◇ Design review
- ◇ Pre-construction conference
- ◇ Monthly progress meetings
- ◇ Construction quality assurance inspections
- ◇ Final inspections
- ◇ Warranty inspection
- ◇ ICDBG grant application documentation



Quapaw Library, Museum,
Community and Elder Center

A Sampling of Completed Projects

- | | |
|---------------------------|------------------|
| Administration Building | Youth Centers |
| Career Resource Center | Health Clinics |
| Food Distribution Centers | Elder Housing |
| Senior Activity Centers | Water Systems |
| Education Centers | Housing Rehabs |
| Lagoon Systems | Wellness Centers |
| Substance Abuse Centers | Activity Centers |
| Community Centers | Fire Stations |
| Activity Centers | EMS Stations |
| Child Development Centers | Master Plans |
| Infrastructure Projects | Cultural Centers |
| Emergency Generators | |



Landscaping at Seneca-Cayuga career resource center

While respecting the history and sovereignty of Native American Nations, Tulsa District can assist Tribes in providing for members' immediate and future needs.

For more than 10 years, Tulsa District has been providing grant application assistance, contract administration support, and a diligent quality assurance program. Water resources and master planning are other often-used services.



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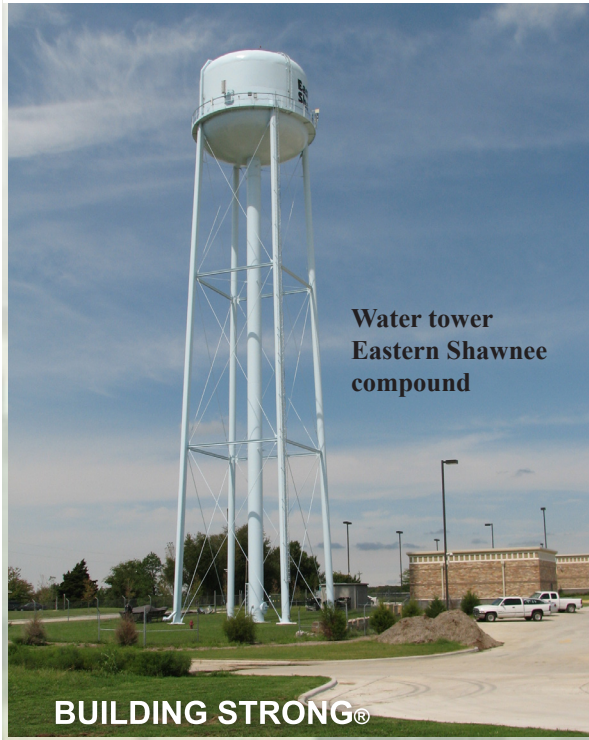
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US Army Corps
of Engineers®
Tulsa District



Quapaw Fire and Ambulance Station



Water tower
Eastern Shawnee
compound

BUILDING STRONG®

Services Offered

A primary mission area for the U.S. Army Corps of Engineers is its Interagency and International Support Program. Tulsa District has successfully helped several Native American tribes with a variety of projects.

Through the IIS program, Tulsa District offers:

Engineering Services

- ◇ Construction Management
- ◇ Civil, Mechanical, Electrical Engineering
- ◇ Architecture
- ◇ Fire Protection
- ◇ Surveying

Environmental Services

- ◇ NEPA documentation
- ◇ Remediation

Water Resource Solutions

- ◇ Demand/Supply Analysis
- ◇ Drought Contingency Plans
- ◇ Water/Wastewater Management
- ◇ Floodplain Management

Master Planning

Real Estate Support

- ◇ Acquisition/Disposal
- ◇ GIS

Project Management

ICDGB grant support



Inspection Series -- Construction of Single Story Facilities and Residences

1. Footings and spot footings
 - a. steel
 - b. sleeves
2. Slab
 - a. steel / post tension cables
 - b. under slab plumbing
 - c. under slab electrical
3. Framing
 - a. doors / frames
 - b. windows
4. Plumbing – rough in
5. Electrical – rough in
6. Roofing
7. Mechanical – rough in
8. Fire Protection
 - a. sprinkler system
 - b. fire dampers, without sprinkler system
 - c. fire walls, ceilings and fire corridors
9. Drywall
10. Millwork and Hardware
 - a. cabinets
 - b. moldings
 - c. doors
11. Plumbing – top out
12. Electrical – top out
13. Mechanical- top out
14. Floors
 - a. ceramic
 - b. VCT
 - c. carpet
 - d. molding
15. Pre-final
16. Final and Close-Out

Inspection Program

When should you have an inspections?

General guidelines:

- ◇ When the foundation trench is dug and the forms are in place, prior to pouring cement
- ◇ When the concrete is delivered to inspect the grade and quality of the mix
- ◇ Before plumbing is covered
- ◇ When all rough-in electrical and above ground plumbing is in place
- ◇ All roof systems
- ◇ Interior finish work, carpentry, tile work etc.
- ◇ Framing for plumb, size.
- ◇ All code compliance
- ◇ Final inspection for fit and finish
- ◇ Any special requirements or features on the structure.

Who can ask for an inspection? The tribe, the contractor, or the Corps may request an inspection. Corps inspection schedules are usually driven by the events listed above. The customer may ask for an inspection at any time. If the customer requires additional inspections, cost may need to be adjusted. The Corps will always inform the customer prior to inspection.

OTHER FACTS:

- ◇ Inspections by the customer (or the Corps acting as the customer's inspector) are for the sole benefit of the customer. They DO NOT relieve the contractor of responsibility for providing adequate quality control measures.
- ◇ Inspections do not constitute or imply acceptance.
- ◇ The customer's inspector cannot relieve the contractor from any contract requirement nor is the inspector authorized to change any term or condition of a specification without the customer's written consent in a Change Order form.

