

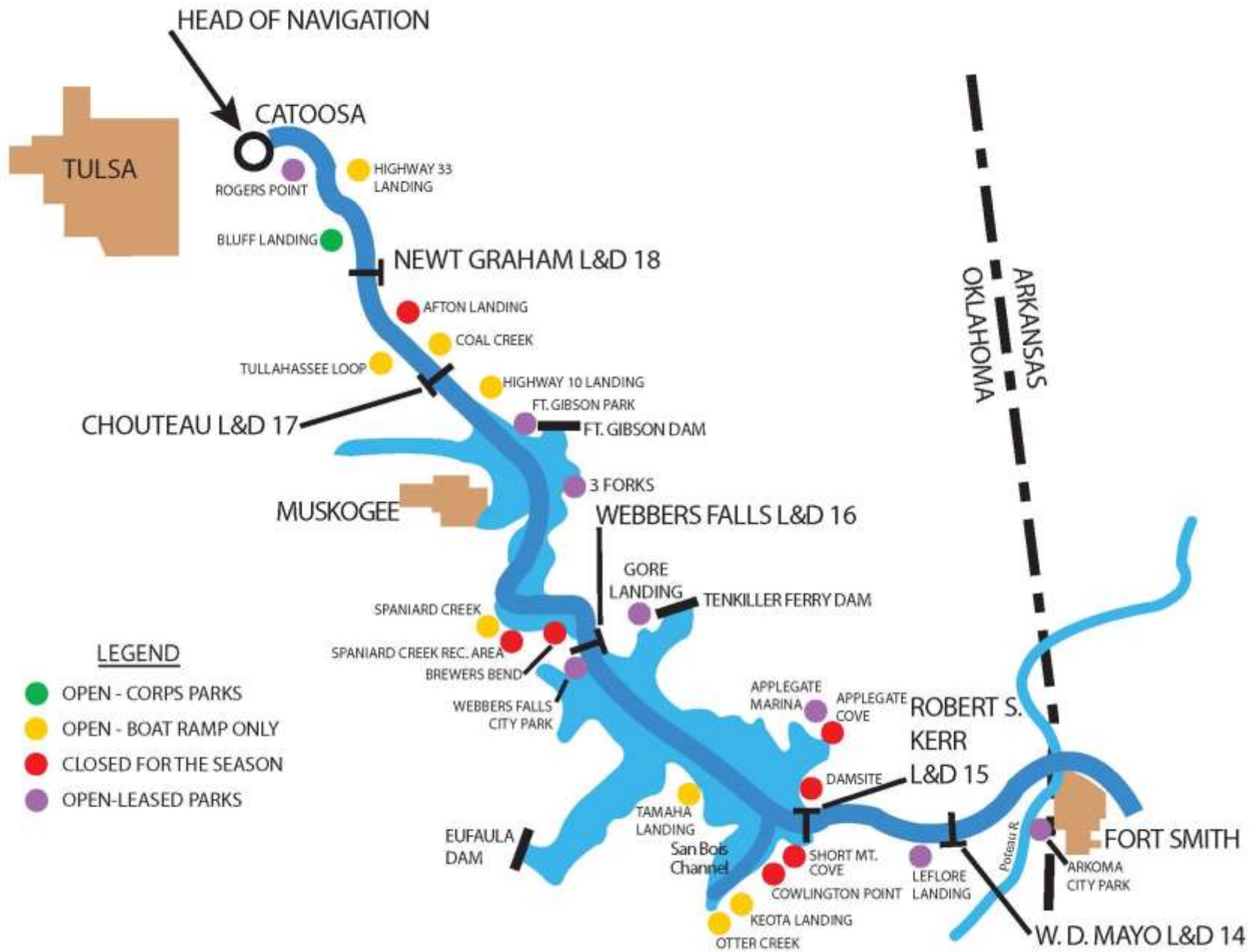


Renewable Energy Projects

Project Portfolio

Working in tandem, Cherokee Nation and Cherokee Nation Businesses are engaged in two renewable energy projects with support from federal agencies:

- Hydroelectric Generation: Feasibility study on hydroelectric power on the Arkansas River
- Wind Power Generation: Wind farm development in north central Oklahoma



LEGEND

- OPEN - CORPS PARKS
- OPEN - BOAT RAMP ONLY
- CLOSED FOR THE SEASON
- OPEN-LEASED PARKS

Hydroelectric Power Project:

Construct generation facilities with 30 MW capacity at W.D. Mayo Lock and Dam on the Arkansas River, 9 miles southwest of Ft. Smith, Arkansas



Project Features:

- Planned 2-turbine configuration, 30MW peak generation, 15-20MW typical generation
- “Run of the river” project (dependent on upstream releases)

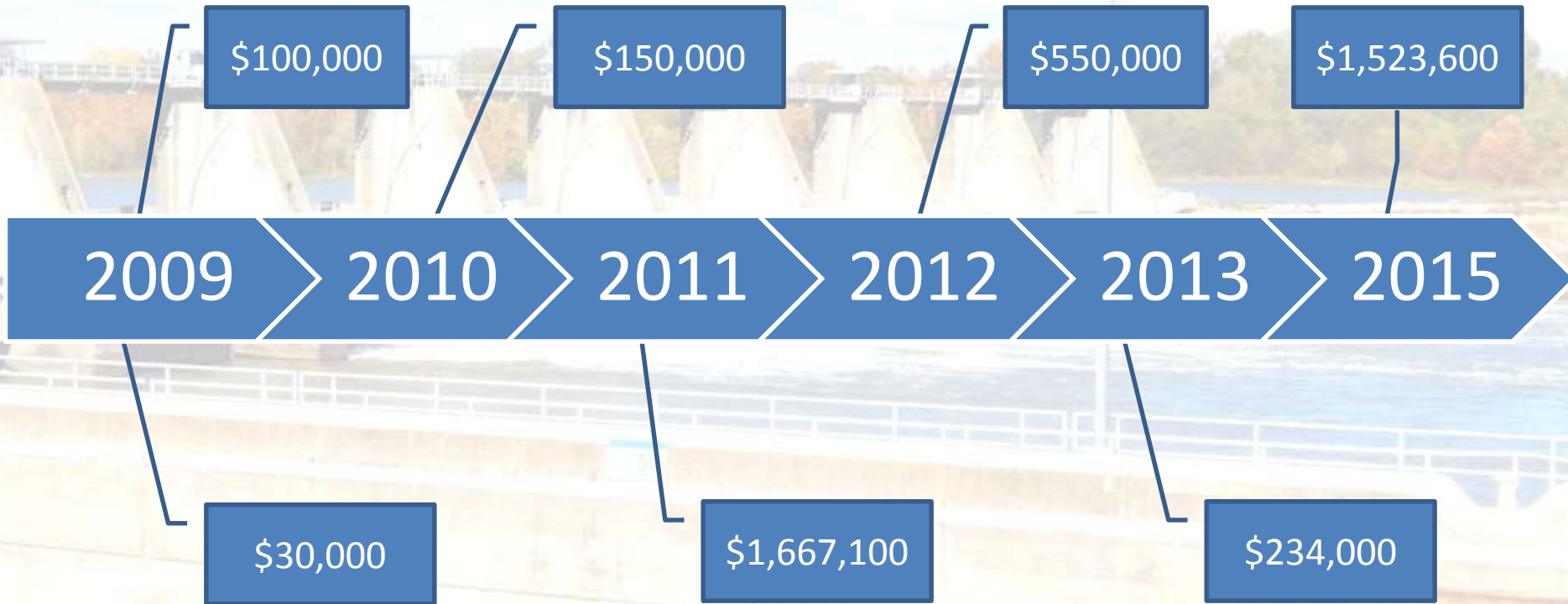


Facilities:

Project would require construction of head and tail raceways, powerhouse, and installation of turbines, costs estimated at \$150M-170M



Hydroelectric Project Grant Support:



Total: \$4.25 Million from US Dept of Interior Energy & Minerals Development Program

Project Workflow

- Initial engineering and design work and modeling completed under previous phases
- Environmental assessments completed
- Phase VI Funding – grant agreement recently signed, detailed flow and sediment modeling, economic forecasting, and design update will be completed under this phase
- Exploratory discussions underway for possible interconnect and power sales
- Cherokee Nation Businesses working to identify possible financial partners for development

Wind Power Project:

Facilitate development of wind farm in Kay County, Oklahoma

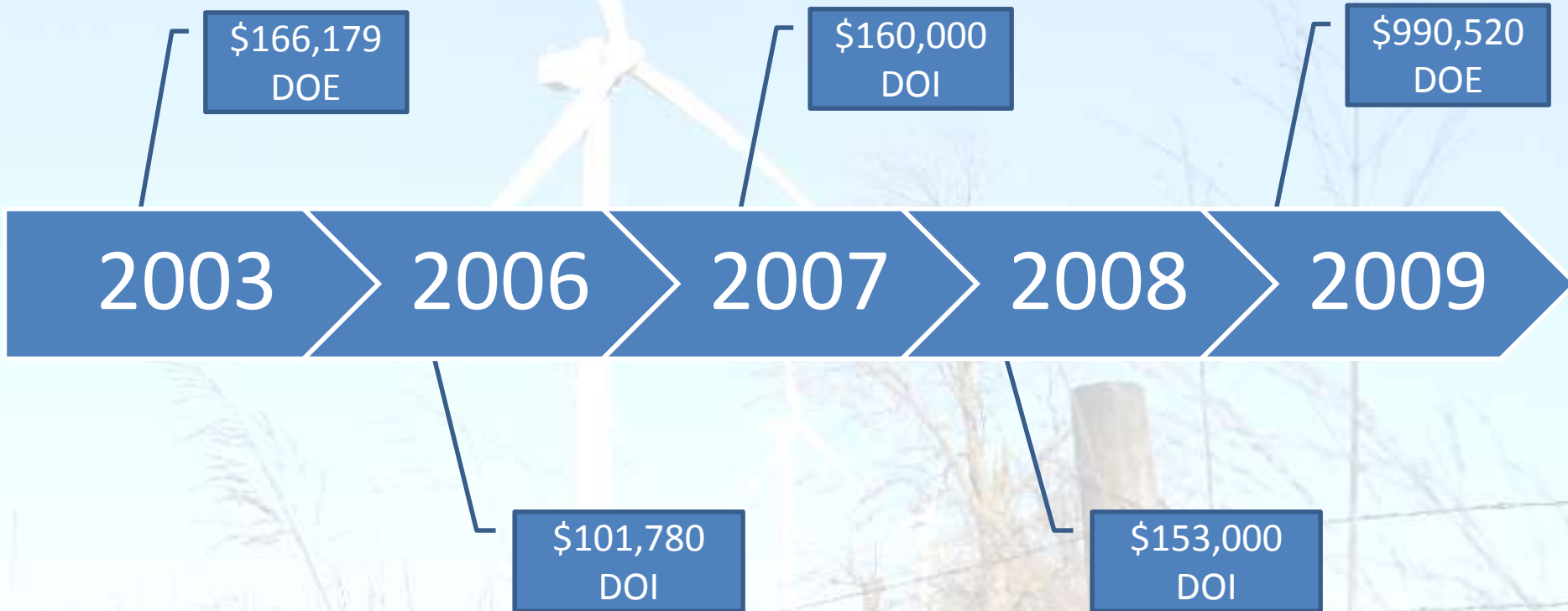
- Planned 84+ MW development on Cherokee land
- Part of a larger development in the area involving other tribes
- Utilizes site of the former Chilocco Indian School
- Project terms are currently under negotiation



CHILOCCO INDIAN SCHOOL



Wind Project Grant Support:



Total: \$1.57 Million from US Dept of Interior Energy & Minerals Development Program and US Dept of Energy

Project Workflow

- Feasibility studies and wind analysis complete
- Data collection attracted interest of project developer
- Project developer engaged and proposing site design, support facilities, and infrastructure
- Cherokee Nation involved in ongoing negotiations for long-term lease
- Development expected in late 2016