Cultural Resource Findings during Section 106 and Texas Antiquities Act Investigations

Society of Texas Environmental Professionals
Joe T. Garcia’s, Fort Worth, Texas
August 24, 2018
Federal Laws

• Antiquities Preservation Act of 1906
• National Historic Preservation Act of 1966 (i.e. Section 106)
• National Environmental Policy Act (NEPA) of 1969
• NAGPRA-Native American Graves Protection and Repatriation Act of 1989
• The American Indian Religious Freedom Act (AIRFA)
State Laws

• Antiquities Code of Texas (Chapter 26 of the Texas Natural Resource Code) adopted 1969

• Section 711.012(c) of the Texas Health and Safety Code-(Cemetery and Burial Protection)
Margaret Hunt Hill Bridge
TRINITY GROVES
Cleared Cemetery Site
Ground Penetrating Radar (GPR) Anomalies, thanks to Terracon
Oak Grove Memorial Gardens Cemetery - Irving
Pinned Bois d’Arc logs
Cistern, log foundation, and brick wall
The Chisholm Trail in later years, 1876-84
• Cow covered with ticks
Western Diamondback Rattlesnake

King Ranch, Texas
USDA Tick Eradication 1906-1943

- Dorsal View of Texas Fever Tick
The Solution

• 500 gallons water
• **8 pounds white arsenic**
• 24 pounds of carbonate of soda
• One gallon of pine tar
Archer County, Texas
Modern Dipping Vat
Elevated Gin Floor
Steam Boiler Foundation
Globe (1904-1924)
The personally marked Fokker D.VII of Oberleutnant Carl Menckhoff, brought down by Walt Avery of the 95th.
Concrete Airplane at Taliaferro Field
• Damascus twist rebar
Concrete Airplane Aerial View, note fence
Due Diligence

• Collin County, TX
Discarded Headstone

MARY ROSE GUNSTREAM
WIFE OF
WILLIAM OZRO HILL
1873 - 1937
AS YOU NOW SO LONG WAS I
AS I AM SO WILL YOU BE PREPARED.
• All are more than 50 years old
  • All were unexpected
  • Most were on private property
• All were investigated in conjunction with federal or state environmental legislation

• Other Unique Historic Resources are out there to be found
REMEMBER

• Cultural resource legislation is administered primarily by archaeologists, historians, and environmentalists and a certain amount of interpretive flexibility is possible.