

## ROPER CANAL FIELD NOTES

### Map:

<http://mapper.acme.com/?ll=32.75274,-109.72291&z=15&t=5>  
&marker0=32.74402%2C-109.74523%2C3.2%20km%20WxSW%20of%20Cactus%20Flat%20AZ  
&marker1=32.74512%2C-109.73509%2C2.4%20km%20SW%20of%20Cactus%20Flat%20AZ  
&marker2=32.74729%2C-109.72277%2C1.4%20km%20SxSW%20of%20Cactus%20Flat%20AZ  
&marker3=32.75279%2C-109.71497%2C0.6%20km%20S%20of%20Cactus%20Flat%20AZ  
&marker4=32.74305%2C-109.74500%2C3.3%20km%20WxNW%20of%20Swift%20Trail%20Junction%20AZ  
&marker5=32.74628%2C-109.72898%2C1.9%20km%20SW%20of%20Cactus%20Flat%20AZ  
&marker6=32.75564%2C-109.70882%2C0.7%20km%20ExSE%20of%20Cactus%20Flat%20AZ  
&marker7=32.74803%2C-109.71675%2C1.2%20km%20S%20of%20Cactus%20Flat%20AZ  
&marker8=32.74573%2C-109.74085%2C2.8%20km%20WxSW%20of%20Cactus%20Flat%20AZ  
&marker9=32.75642%2C-109.70424%2C1.0%20km%20ExSE%20of%20Cactus%20Flat%20AZ

**USGS Topo Name:** Artesia and Safford, AZ 7.5'  
**Canal Length:** 3.2 kilometers or 2 miles.  
**Canal Slope:** 1.7 degrees  
**Nominal Size:** Modern concrete Vee ditch 1 meter wide by 80 Cm deep  
**Land Ownership:** Mixed private and state lands; Some access restrictions  
**Access:** Much of route easily vehicle accessible  
**Field Verified:** 100 percent  
**Hanging Features:** None known; flat route  
**Study Confidence:** Very high, but prehistoric origins yet to be proven.

### Locations of interest:

**N 32 44.583' W 109 44.700'** Last studied dropoff of Marijilda Canal high route  
**N 32 44.641' W 109 44.714'** Roper Canal takein point at Lebanon Reservoir #2  
**N 32 44.744' W 109 44.451'** Continuance of modern Roper Canal  
**N 32 44.707' W 109 44.105'** Continuance of modern Roper Canal  
**N 32 44.777' W 109 43.739'** Continuance of modern Roper Canal  
**N 32 44.837' W 109 43.366'** Continuance of modern Roper Canal  
**N 32 44.882' W 109 43.005'** Roper Canal crossing of US 191  
**N 32 45.338' W 109 42.529'** Presumed delivery point of Roper Canal  
**N 32 45.385' W 109 42.254'** Roper Lake location.

**Significant Features:** Appears to be a major adaption of a prehistoric original.  
Runs to this day.  
Possibilities of prehistoric fields underlying Roper Lake.  
Previous reach has aqueduct and significant hanging.

**Images:** None at present

### Present work that needs done on the Roper Canal...

- Resurvey the entire route.
- Seek definitive evidence of a prehistoric original.
- Establish any Roper prelake fields status.