

# TWIN WEST CANAL FIELD NOTES

## Map:

<http://mapper.acme.com/?ll=32.76447,-109.73469&z=16&t=S&marker0=32.76521%2C-109.74199%2C2.6%20km%20WxNW%20of%20Cactus%20Flat%20AZ&marker1=32.76570%2C-109.73433%2C2.0%20km%20WxNW%20of%20Cactus%20Flat%20AZ&marker2=32.76293%2C-109.73419%2C1.9%20km%20WxNW%20of%20Cactus%20Flat%20AZ&marker3=32.76267%2C-109.73259%2C1.7%20km%20WxNW%20of%20Cactus%20Flat%20AZ&marker4=32.76055%2C-109.73485%2C1.9%20km%20W%20of%20Cactus%20Flat%20AZ&marker5=32.76243%2C-109.74375%2C2.7%20km%20W%20of%20Cactus%20Flat%20AZ&marker6=32.76436%2C-109.73402%2C1.9%20km%20WxNW%20of%20Cactus%20Flat%20AZ&marker7=32.76141%2C-109.73347%2C1.8%20km%20W%20of%20Cactus%20Flat%20AZ&marker8=32.76719%2C-109.73853%2C2.4%20km%20WxNW%20of%20Cactus%20Flat%20AZ&marker9=32.76423%2C-109.73163%2C1.7%20km%20WxNW%20of%20Cactus%20Flat%20AZ&marker10=32.76323%2C-109.73370%2C1.8%20km%20WxNW%20of%20Cactus%20Flat%20AZ>

<b>USGS Topo Name:</b>	<b>Safford, AZ 7.5'</b>
<b>Canal Length:</b>	<b>4.0 kilometers or 2.5 miles plus yet undetermined sources.</b>
<b>Canal Slope:</b>	<b>Unknown; depends on sourcing.</b>
<b>Nominal Size:</b>	<b>1 meter wide 30 cm deep</b>
<b>Land Ownership:</b>	<b>Arizona State Lands; Cemetery; other private.</b>
<b>Access:</b>	<b>Some property posted.</b>
<b>Field Verified:</b>	<b>30 percent</b>
<b>Hanging Features</b>	<b>Well defined and medium high.</b>
<b>Study Confidence:</b>	<b>Very high but sourcing and slope need further work.</b>

## Locations of interest:

<b>N 32 45.633' W 109 44.091'</b>	<b>Southernmost extent of present east canal research</b>
<b>N 32 45.685' W 109 44.008'</b>	<b>Canal vanishes under cemetery maint structures</b>
<b>N 32 45.760' W 109 43.955'</b>	<b>Briefly obvious resumption north of cemetery</b>
<b>N 32 45.794' W 109 44.022'</b>	<b>"U turn" or "sweeping S" crossing of 4WD track</b>
<b>N 32 45.776' W 109 44.051'</b>	<b>Second sharp "U" turn in wash</b>
<b>N 32 45.862' W 109 44.041'</b>	<b>Eastern limit of ponding area</b>
<b>N 32 45.942' W 109 44.060'</b>	<b>Ponding area trashed by modern water project</b>
<b>N 32 46.031' W 109 44.312'</b>	<b>Western limit of ponding area</b>
<b>N 32 45.913' W 109 44.519'</b>	<b>Southernmost extent of present west canal research</b>
<b>N 32 45.854' W 109 43.898'</b>	<b>Curious rock alignments remaining largely unevaluated</b>

<b>Significant Features:</b>	<b>Ponding area has TWO distinct major feeder canals.</b>
	<b>Ponding area has significant cultural features nearby.</b>
	<b>Ponding area is single walled and has parallel channels.</b>
	<b>Hanging portion and sweeping "S" turns maintain grade.</b>
	<b>Simultaneous presence of canals, grids, and mulch rings.</b>
	<b>One of few reasonably established feeder canal end use areas.</b>

**Images:** < <http://www.tinaja.com/canal/rework/level2/rinc2.jpg> > % ponding area  
< <http://mapper.acme.com/?ll=32.76622,...> > % acme ponding

## Present work that needs done on the Twin East Canal...

- Carefully map cultural features in ponding area.
- Resolve multiple routes in ponding area.
- Verify negative slopes of both feeder canals in additional places.
- Extend west feeder southwest and seek Deadman or other link.
- Resolve Deadman canal destinations.