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

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

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

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.

09/12