

# Working on sketches

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# Global actions

- Sketch split
- Sketch merge
- Sketch shift (and scale)
- Extended profile flip

# Sketch split

- **cut** or **copy** some drawings and create a new sketch
- When ?
  - to avoid overlapping
  - to flip part of the extended profile

# Sketch split (2)

- only for plan or profile views
  - not x-sections
- the new sketch has the same zero-station
- the new sketch has empty profile or plan

# How to split a sketch

- menu “Rename/Delete”
- enter new sketch name
- “Split” button
  - to copy check “Copy items” box
- trace a line around the item for the new sketch

# Sketch merge

- **include** the drawings of another sketch in the current sketch
- When ?
  - to put sketches together to simplify postprocessing

# Sketch merge (2)

- only for plan/extended-profile view
  - not x-sections
- include only plan or only profile drawings

# How to merge sketches

- Add as reference the outline of the other sketch:
  - in the reference dialog check “sketch outline”
  - select the other sketch
- merge the sketch displayed in outline
  - in the references dialog check again “sketch outline”
  - select “merge” button



# Sketch shift

- moving the drawings with respect to the reference (midline, splays, stations)
- the sketch can also be scaled

# When to shift ?

- PocketTopo sketch import
  - may be not properly aligned
  - should not need rescaling
- Therion “sketch import”
  - usually not aligned (xtherion and TopoDroid have different reference frames)
  - may need rescaling

# How to shift a sketch

- 1) set the sketch window in “moving” mode
- 2) in the sketch references dialog check  
“fixed ref.” box
- 3) drag the drawing with two fingers
- 4) touching the screen with a third finger you can  
rescale the drawing

# Sketch flip

- Only for the extended profile
  - Not the plan view
  - Not the projected profile view
  - Not the x-sections

# Sketch flip (2)

- Flip the sketch around the vertical axis
- Optionally reverse the survey shot “extend”
- When ?
  - To exchange left-right for the extended profile

# How to flip the extended profile

- In the profile view
- Long-tap the plan/profile switch button
- Optionally uncheck the “Flip shots” box and press OK
- Only the shots displayed are reversed
  - If the display of shots is interrupted at a station, the shots behind that station are not affected
  - Can flip part of the survey shots
  - Alternatively: multiselection in shot list