ROSKILDE
KOMMUNE

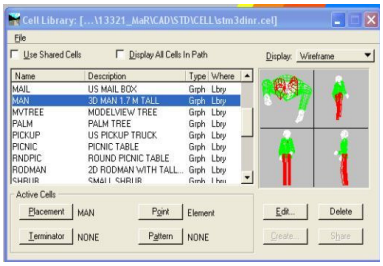
Brug af 3D surface features til visualisering

Af Marianne Rask

ROSKILDE
KOMMUNE

3D celler

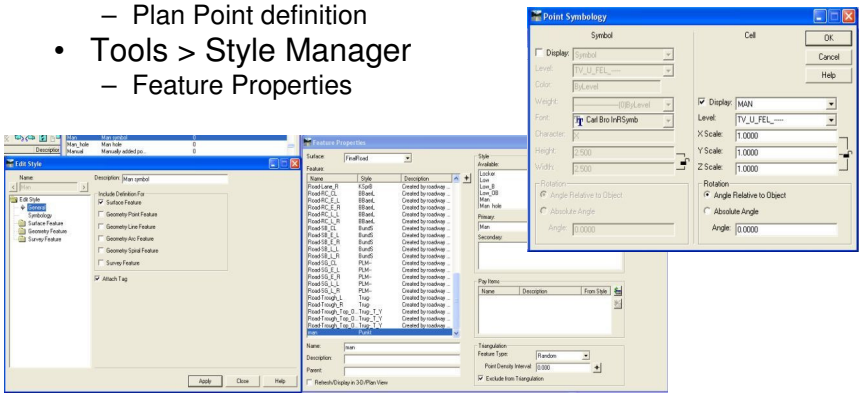
- C:\Program Files\Bentley\InRoads Group V8.9\data\cells\m3dinr.cel



ROSKILDE
KOMMUNE

InRoads Symbology & Style

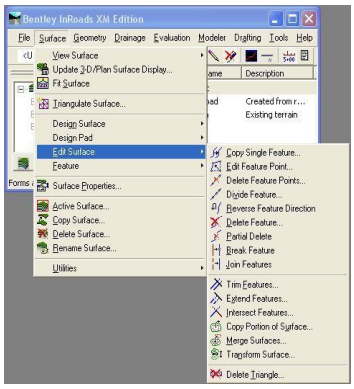
- Tools > Named Symbology Manager
  - Plan Point definition
- Tools > Style Manager
  - Feature Properties



ROSKILDE
KOMMUNE

InRoads Surface

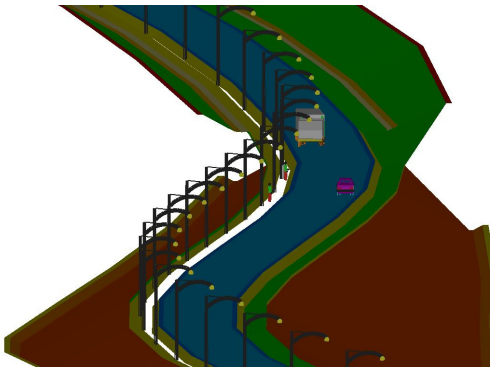
- Nyttige Surface kommandoer
  - View Surface > Features
  - Feature > Feature Properties
  - Design Surface > Place Feature
  - Edit Surface > Edit Feature Point
  - Edit Surface >
    Copy Portion of Surface
  - Edit Surface > Merge Surfaces



ROSKILDE
KOMMUNE

Eksempel

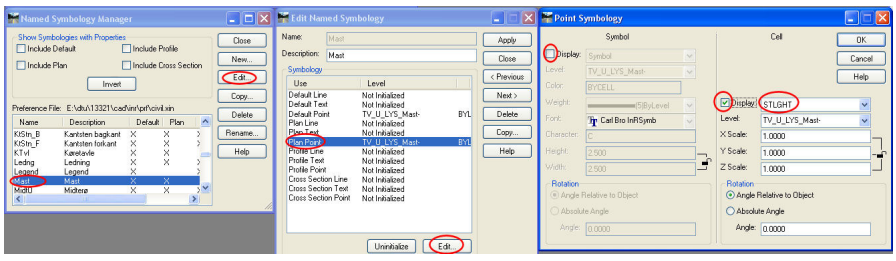
- 1-2-3 : Placering af lysmaster langs vej



ROSKILDE
KOMMUNE

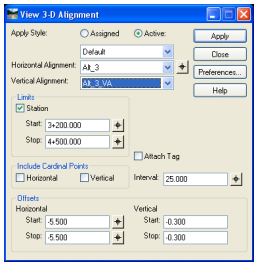
1. Redigér Named Symbology

- Tools > Named Symbology Manager
- Find “Mast”, og klik “Edit”
- Editér “Plan Point”, så der vises en 3D celle i stedet for et Symbol (husk evt. vinklen)

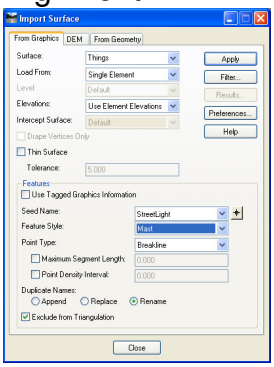


ROSKILDE
KOMMUNE

2. Lav en 3D feature



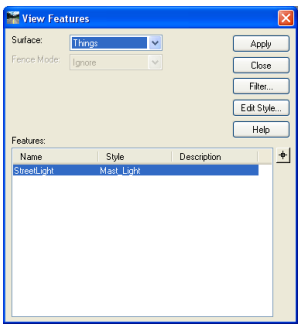
- Vælg
  Geometry > View Geometry > 3-D Alignment
  - Horizontal & Vertical Offset
  - Interval
  - Slå Cardinal Points fra
- Importér 3D linien med
  Feature Style “Mast”
  ind i en ny (eller design) Surface
  (Exclude from triangulation)

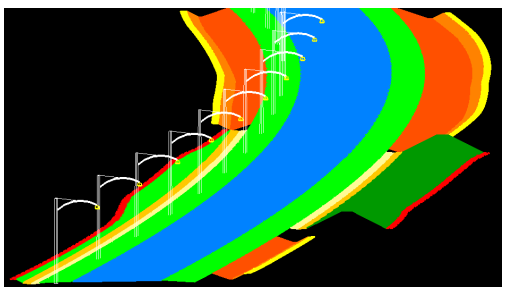


ROSKILDE
KOMMUNE

3. Vis den nye feature

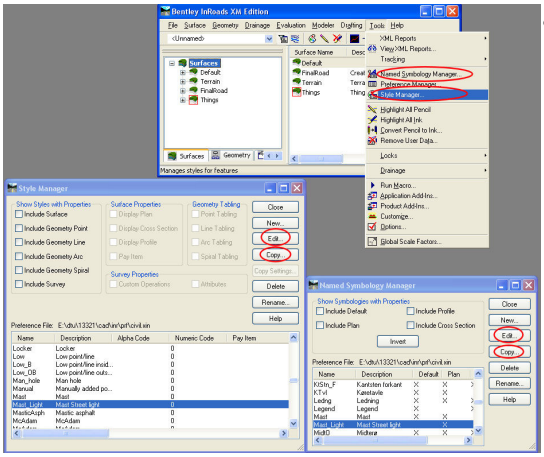
- Vælg ”Surface” > ”View Surface” > ”Features”
- Markér den nye feature og tryk ”Apply”





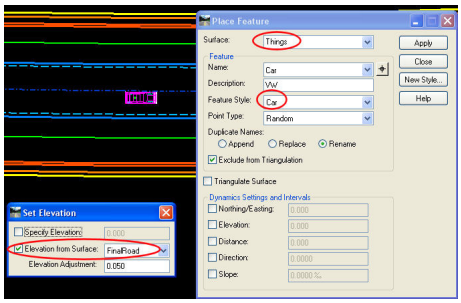
ROSKILDE
KOMMUNE

Husk, hvis du vil lave en ny Feature Style



- Både Named Symbology og Feature Style:
  - Kopiér den Named Symbology, der ligner mest, og ret display opsætning i den
  - Kopiér den Feature Style, der ligner mest, og sæt den til at bruge den nye Named Symbology for Surface Feature Symbology

ROSKILDE
KOMMUNE

Manuel placering af celler på overfladen

- Surface > Design Surface > Place Feature
  - Vælg ny Feature Style
  - Sæt ”Elevation from Surface” i.f.t. Design Surface
  - Peg i Top View