```
es-before_wf  THM

⊢  ∀the_es:ES, e:E. before(e) ∈ E List  by StrongLocLessInd
|
1. the_es : ES
2. e : E
3. ∀x:E. (x <loc e) ⇒ before(x) ∈ E List
⊢  before(e) ∈ E List
  by RecUnfold `es-before` 0 THEN SplitOnConclITE THEN BackThru 3
     THEN
     BackThru
     Thm* ∀the_es:ES, j:E. ¬first(j) ⇒ (pred(j) <loc j)
     {es_DASH_pred_DASH_locl}
END
```