```
map_id  THM

⊢  ∀as:A List. map(Id;as) = as
| by RepD THEN (OnVar ‘as’ ListIndA) THEN (Reduce 0)
|
|\
| 1. A : Type
| ⊢  nil = nil  by Auto
|
.\
. 1. A : Type
. 2. a : A
. 3. as : A List
. 4. map(Id;as) = as
. ⊢  a.map(Id;as) = a.as  by RWW "4" 0
END
```