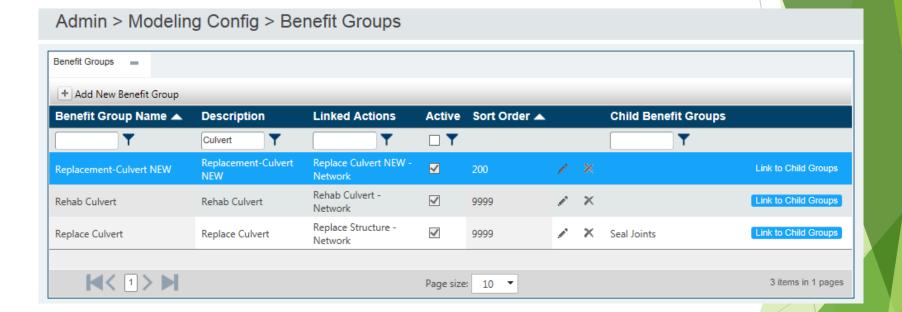
## Benefit Groups and Action Defs

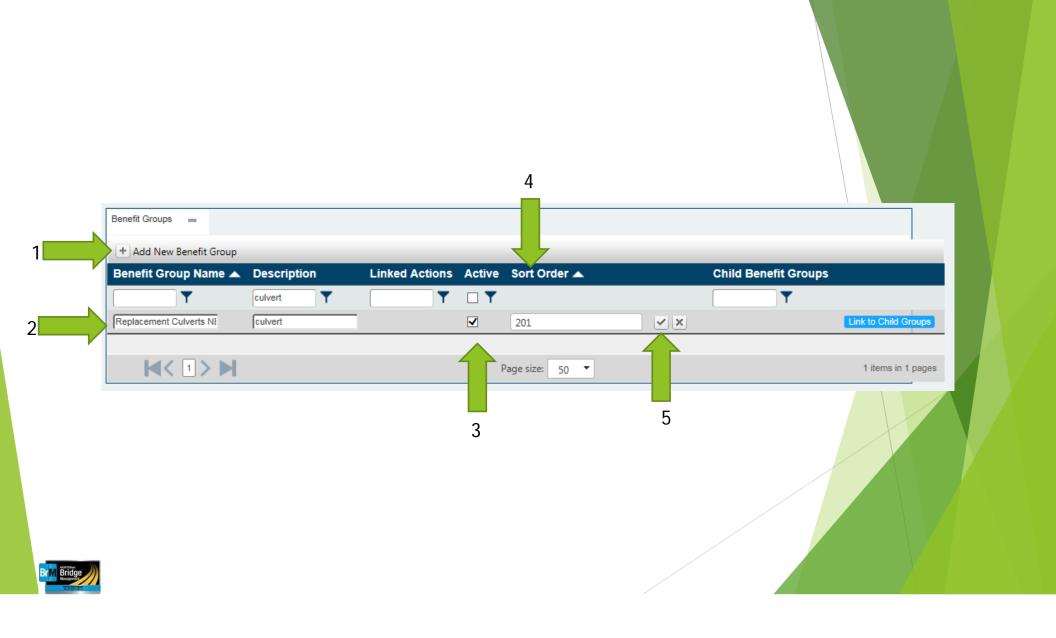
Replacement of a Culvert

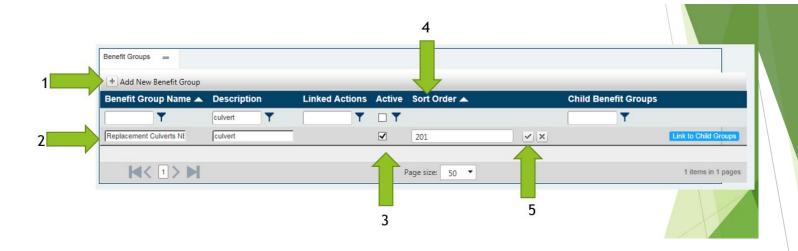


### Where to start









- 1) Add a new Benefit Group
- 2) Name you Group (Come up with a naming convention first)
- 3) Making it Active so it can be used in the Action Def's
- 4) Come up with a sort number that works for you (all Culvert in the 200's or all replacements)
- 5) The check box to save ... before you save



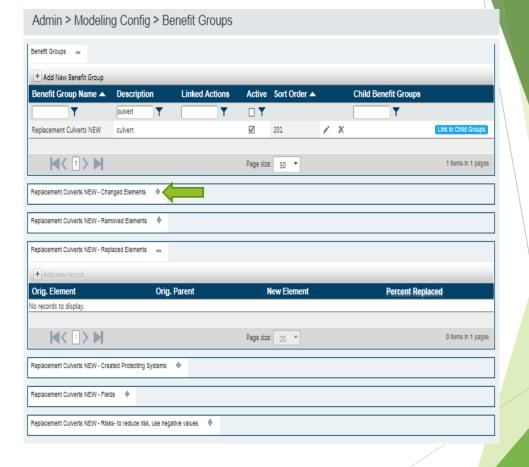
Now you the can add elements
Into the type of changes that you are performing.

For complete replacement of a element using the "Replaced Element" is the easiest way.

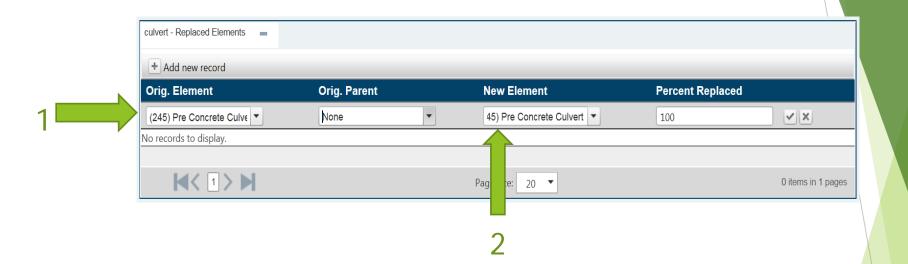




If you are not using a type of change, close or minimize them to make it easer to work



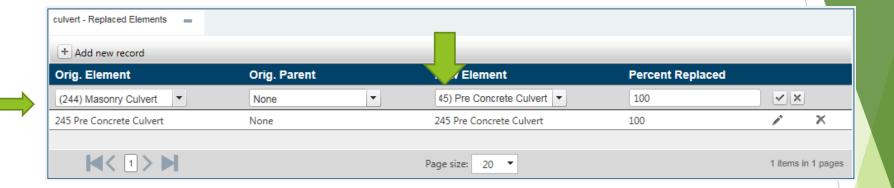




Replacing one element (1) with the same element (2)

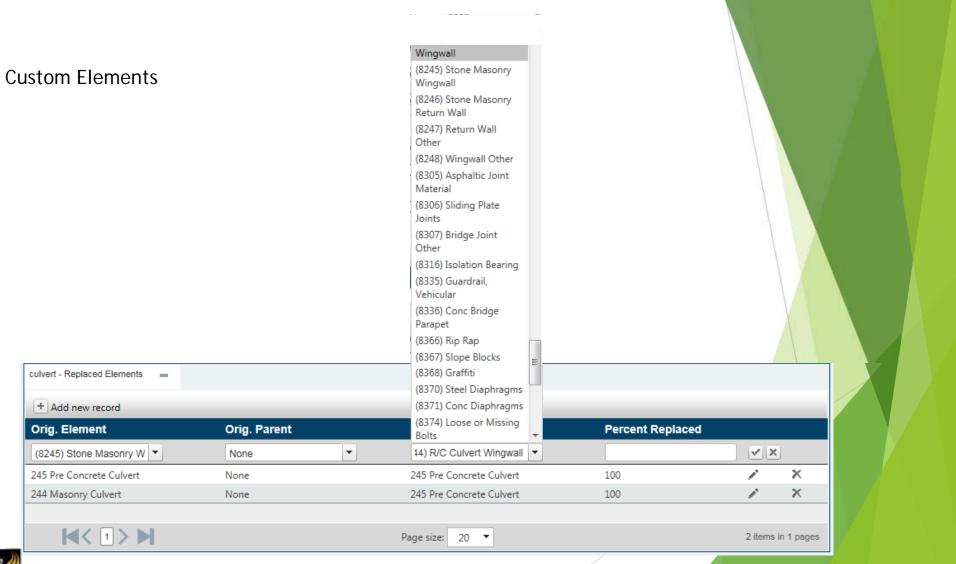


#### **Different Element**



Replace element 244 with element 245



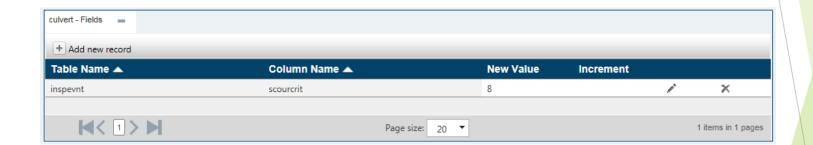




+ Add new record					
Orig. Element	Orig. Parent	New Element	Percent Replaced		
240 Steel Culvert	None	245 Pre Concrete Culvert	100	1	×
241 Re Conc Culvert	None	245 Pre Concrete Culvert	100		×
243 Other Culvert	None	245 Pre Concrete Culvert	100		×
245 Pre Concrete Culvert	None	245 Pre Concrete Culvert	100		×
8212 R/C Headwall	None	8212 R/C Headwall	100		×
8510 Wearing Surfaces Arch -Culvert	None	8510 Wearing Surfaces Arch -Culvert	100		×
8245 Stone Masonry Wingwall	None	8244 R/C Culvert Wingwall	100		×
8246 Stone Masonry Return Wall	None	8213 R/C Return Wall	100		×
242 Timber Culvert	None	245 Pre Concrete Culvert	100		×
244 Masonry Culvert	None	245 Pre Concrete Culvert	100		×
8244 R/C Culvert Wingwall	None	8244 R/C Culvert Wingwall	100		×



#### Change a field to show an non-element improvement





 $Action \ Def.... \ {\tt Or \ what \ you \ put \ in \ a \ Program}$ 

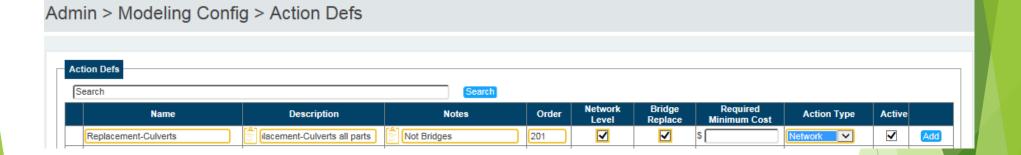


#### Coming up with a naming convention

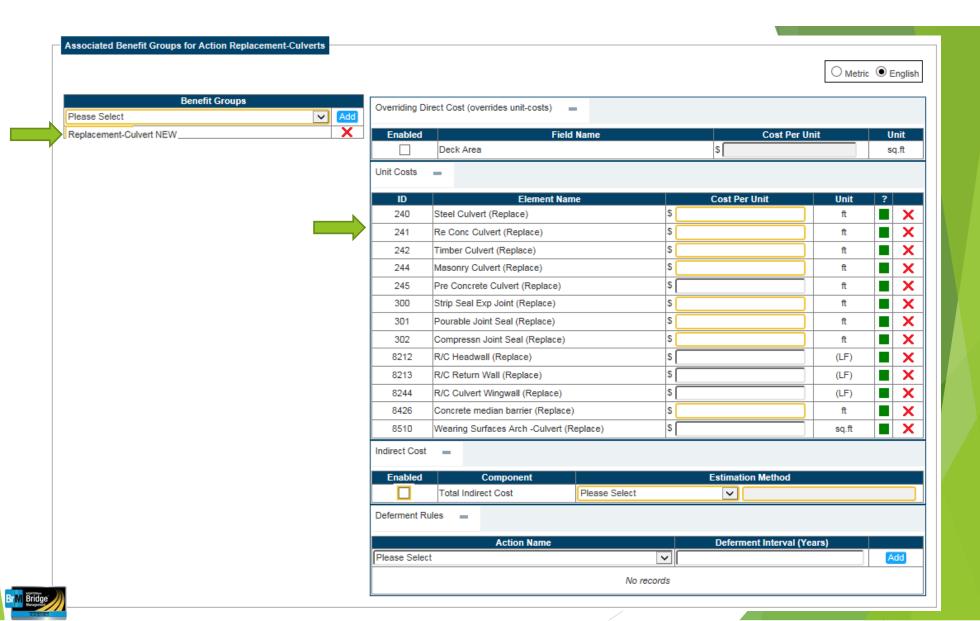
#### Admin > Modeling Config > Action Defs **Action Defs** Search Bridge Replace Required Minimum Cost Network Active Action Type Name Description Notes Order Level ~ Add Drainage-Clean/Clear Deck X 4 Drain-Cln/Clr Dck Drain/Dwnspout 78 Drains/Downspouts

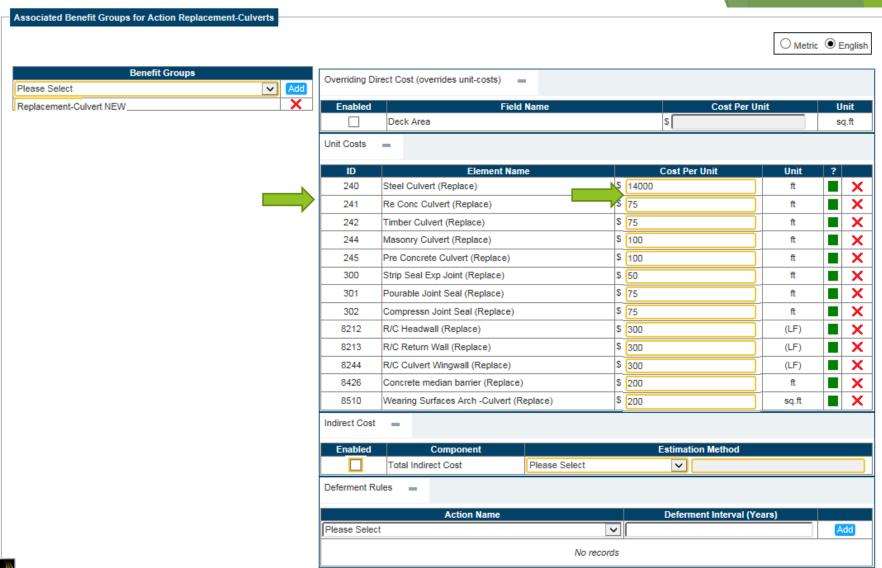


#### Name and fill-in all of the information

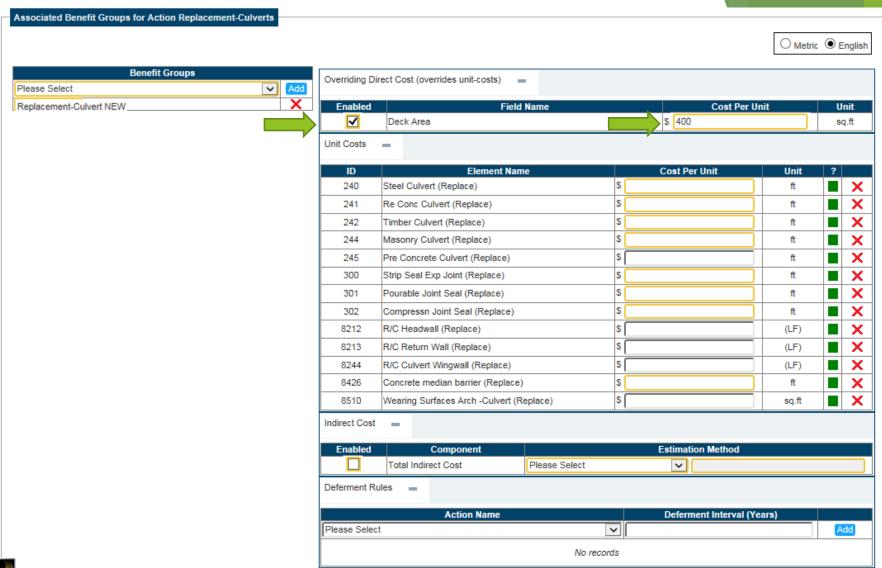




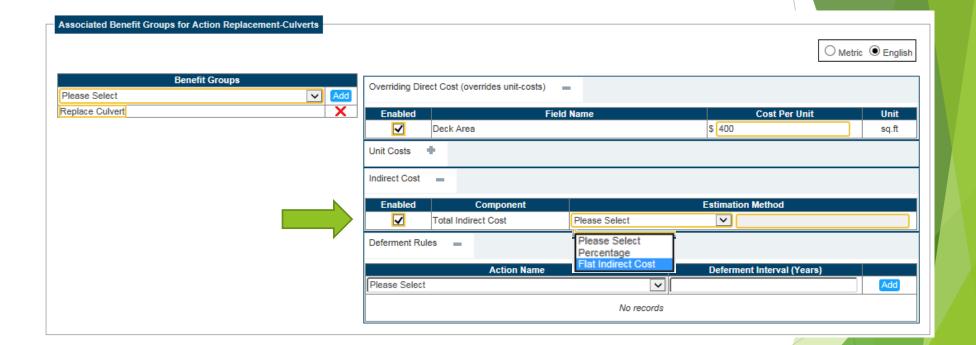




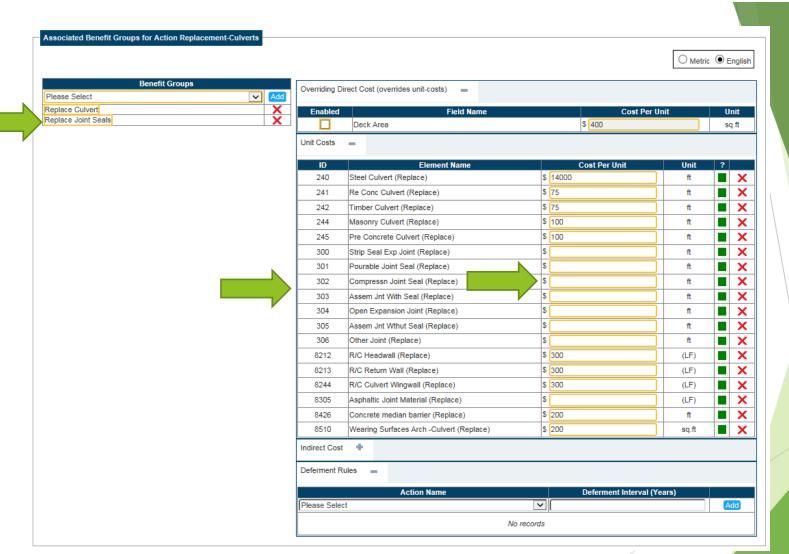




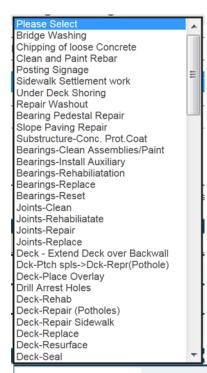


















# From here I would be off to use this in a network policy

But that is another topic for another time

