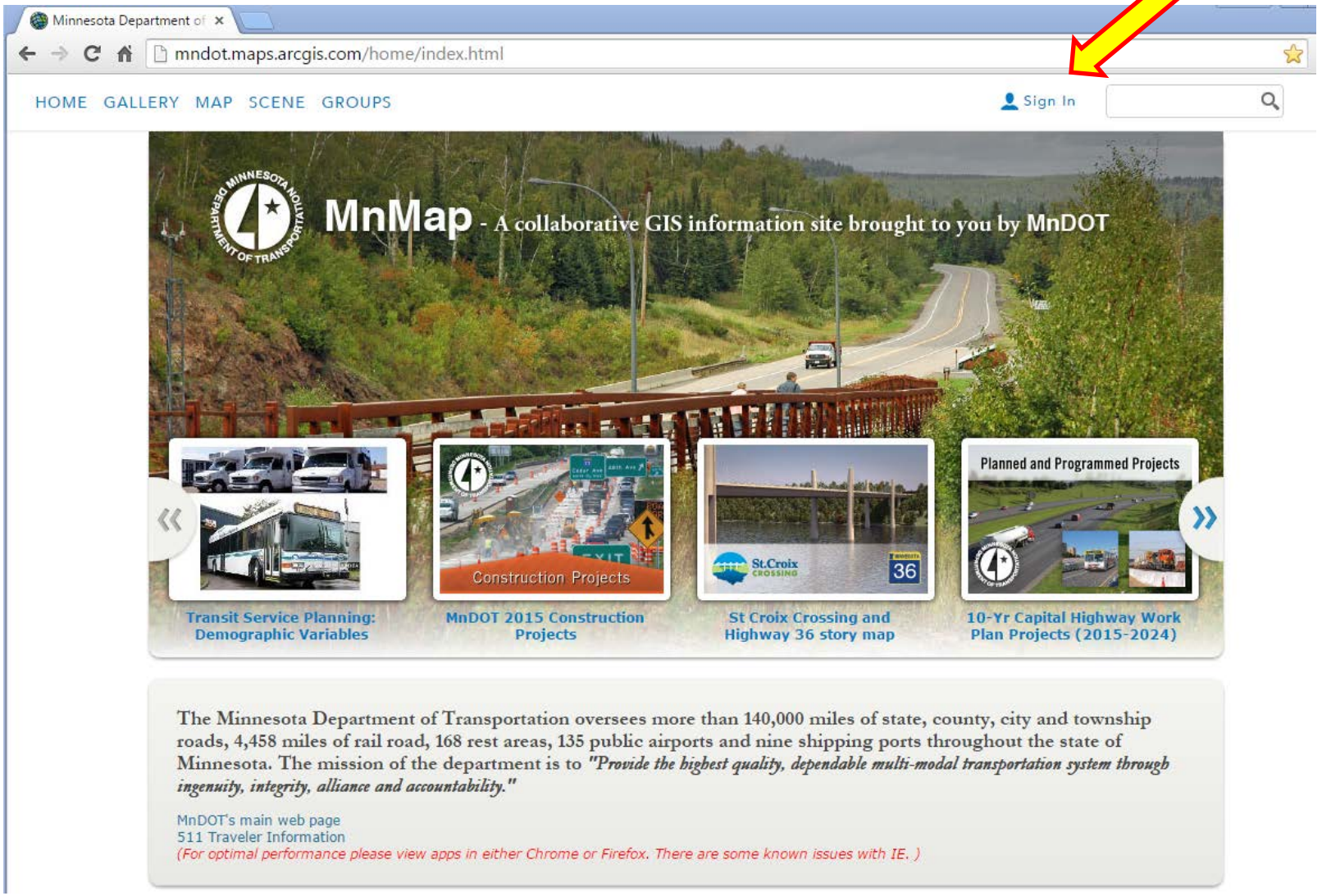
Use the Culvert Cost PC App to Create and Edit a Repair

April 30, 2015

Find Culvert Cost app from this link:

http://mndot.maps.arcgis.com/home/index.html

Sign in



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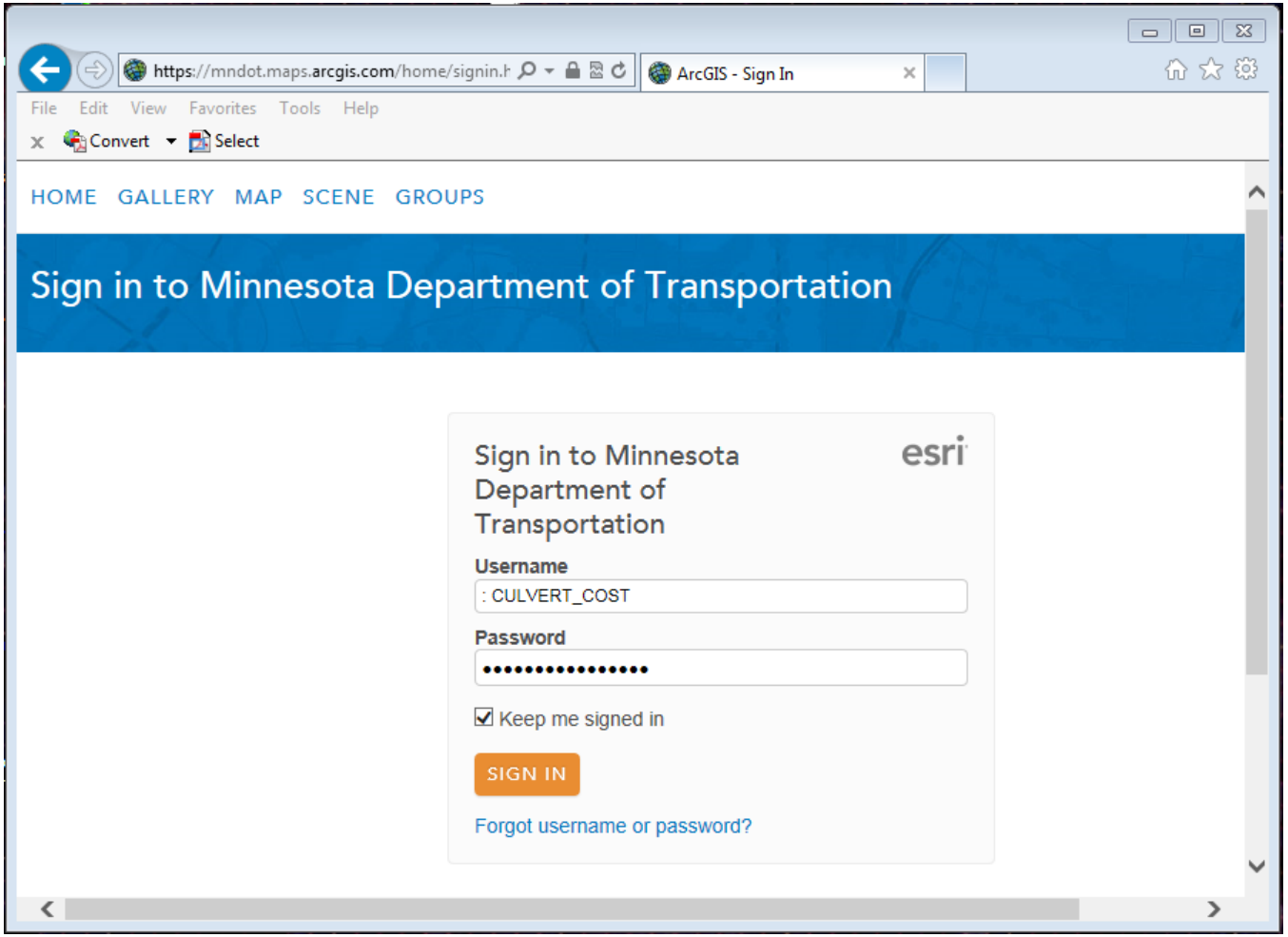
Login as CULVERT_COST

(Ask for password$ if you don't remember it)

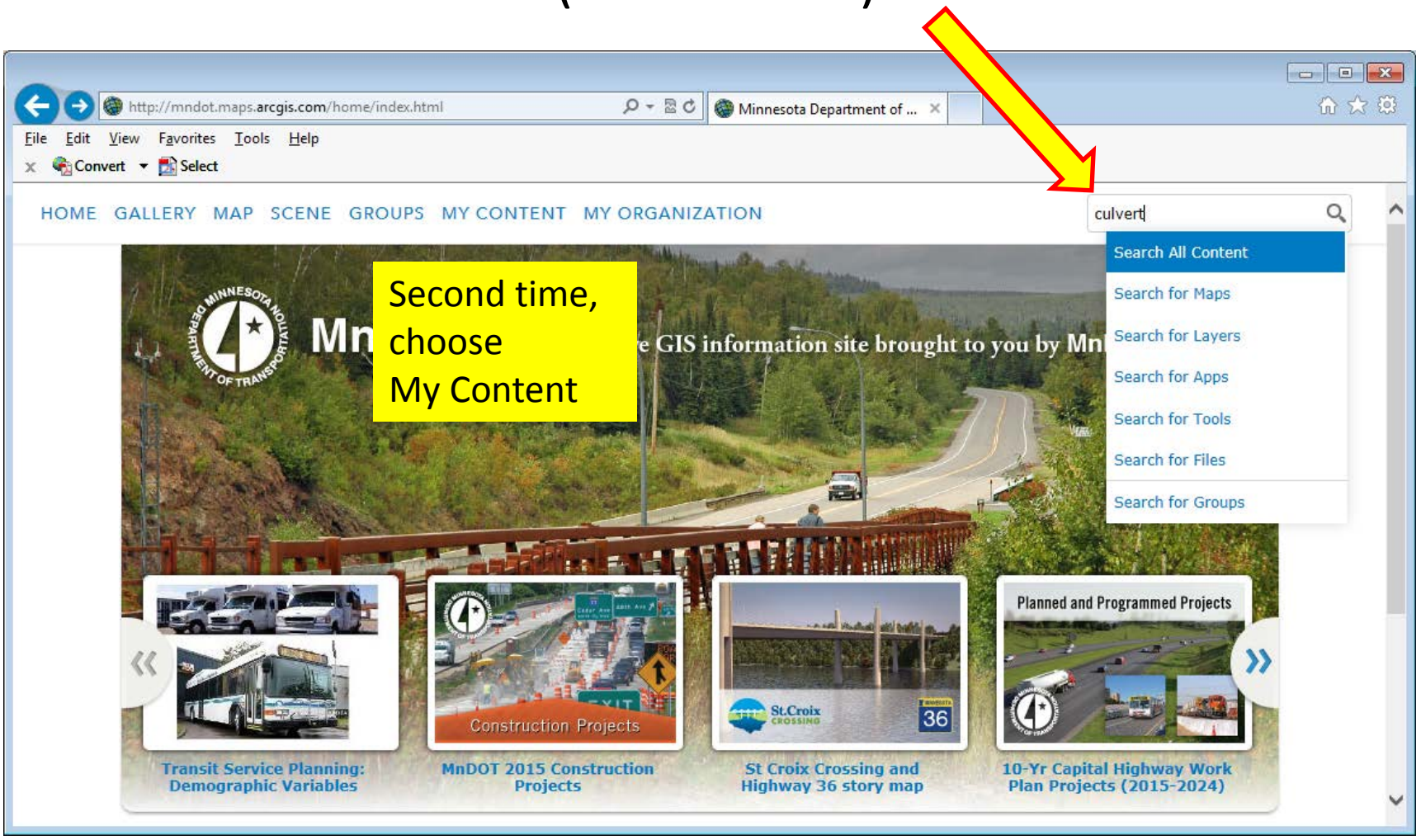
Check the box: Keep me signed in



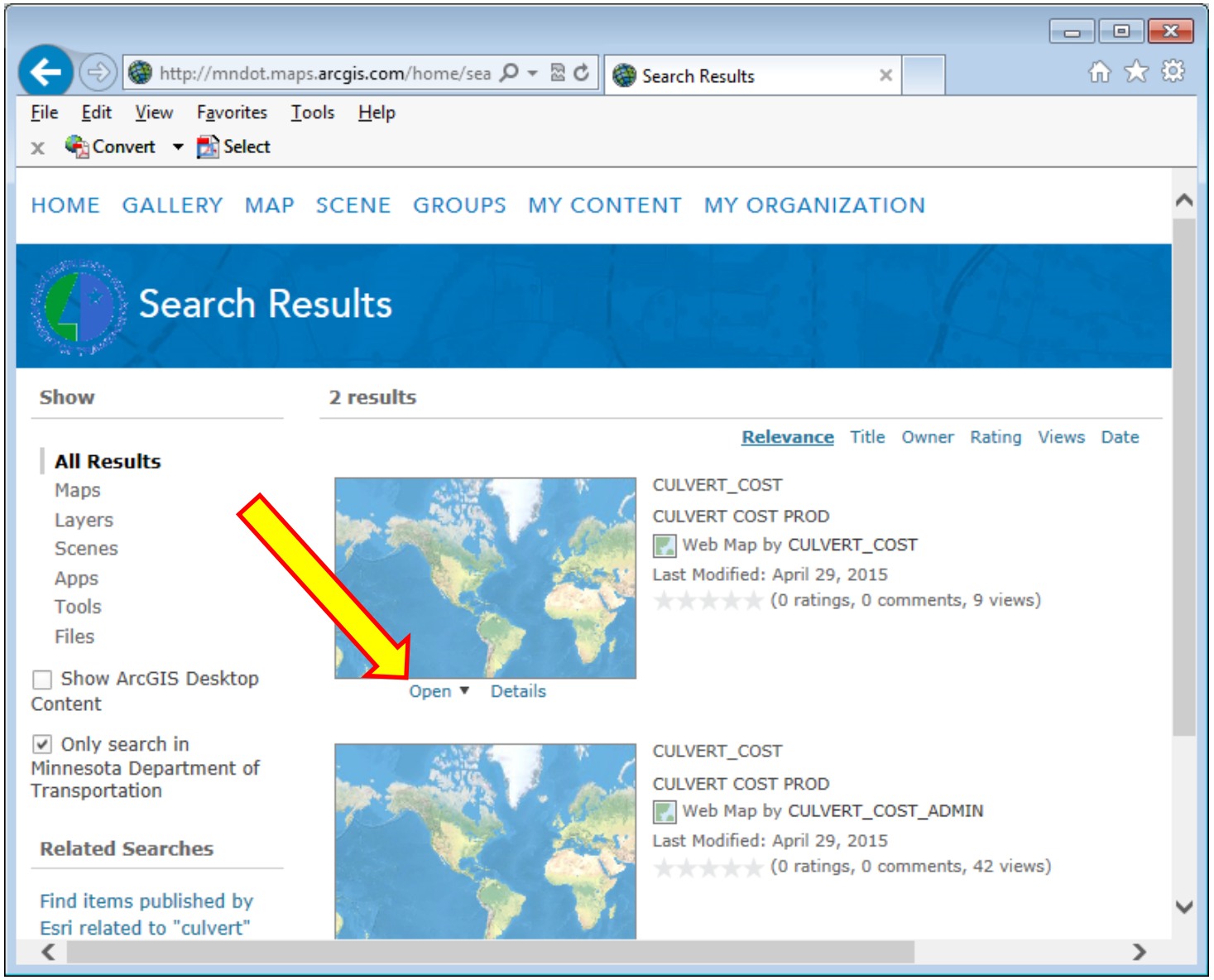
(Be quick because the login times out fast and gives an error message)

Search All Content for culvert

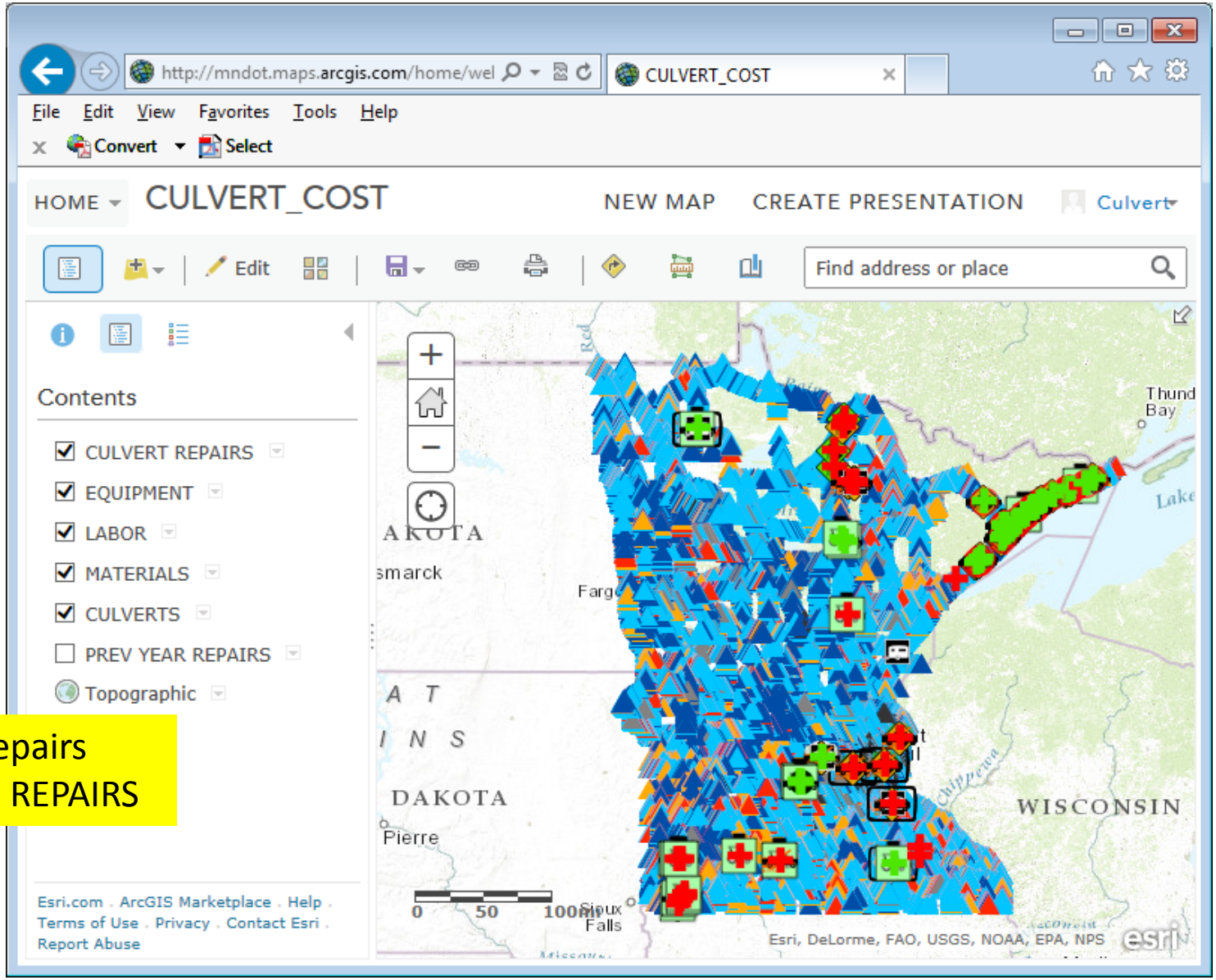
(first time in)



CULVERT_COST PROD is the production app



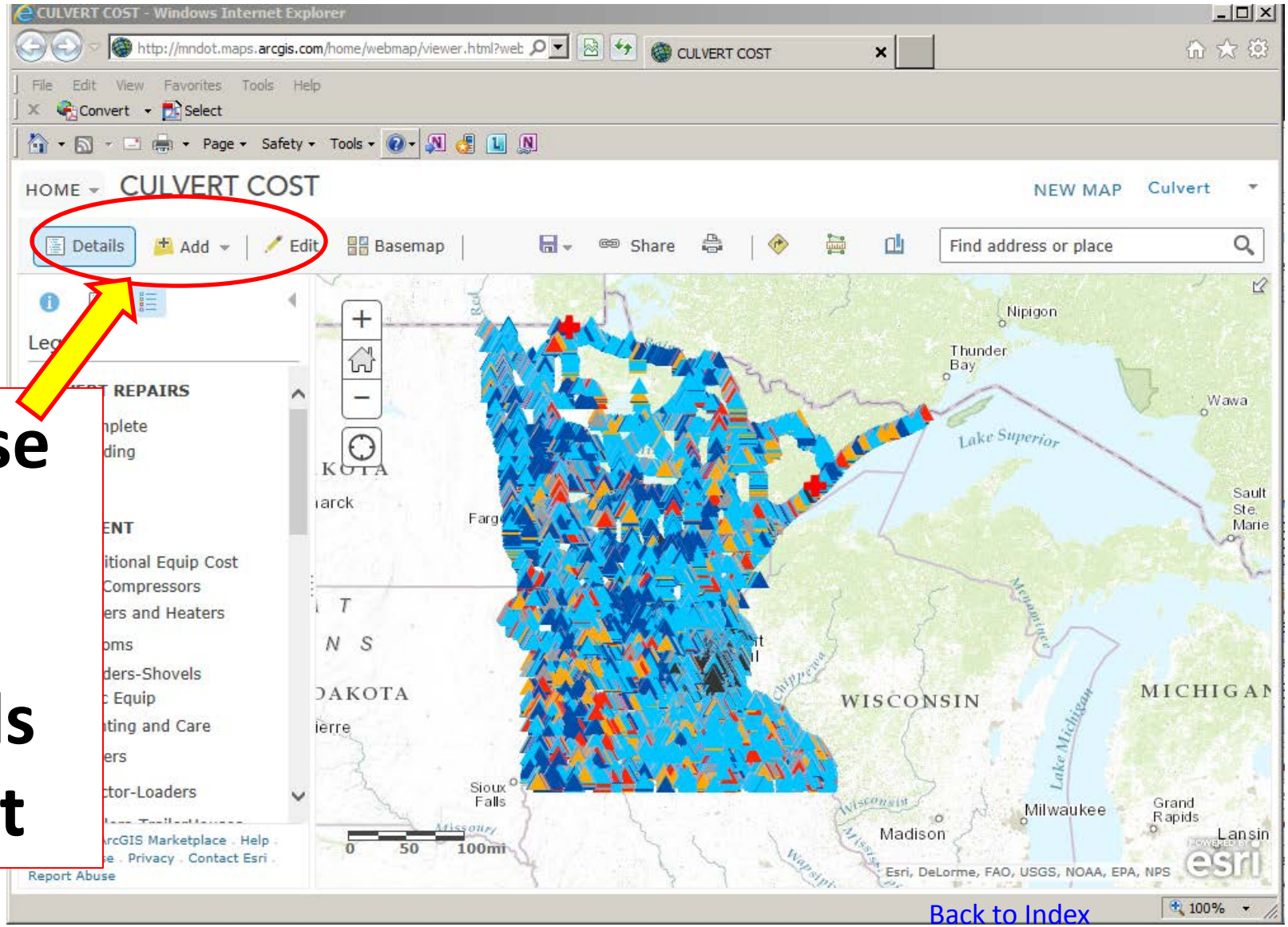
PC app looks like this:



Turn off 2014 Repairs
with PREV YEAR REPAIRS

Web App

PC Web App Menus



Choose your task: Details or Edit

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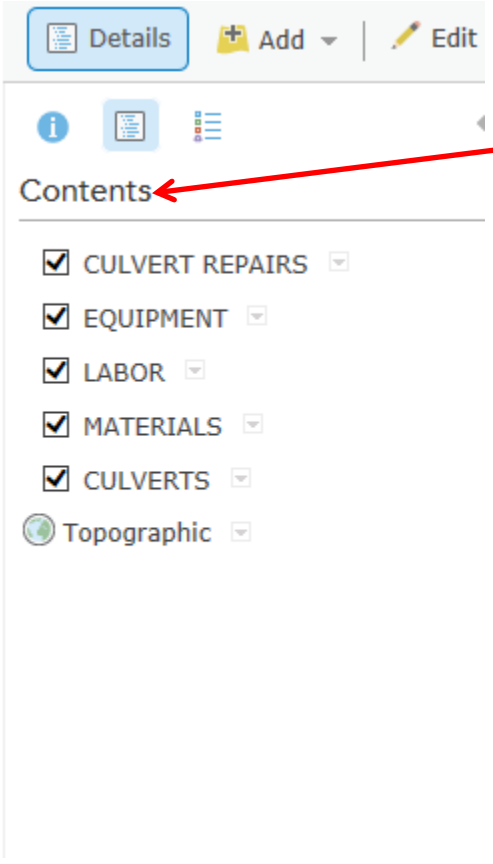
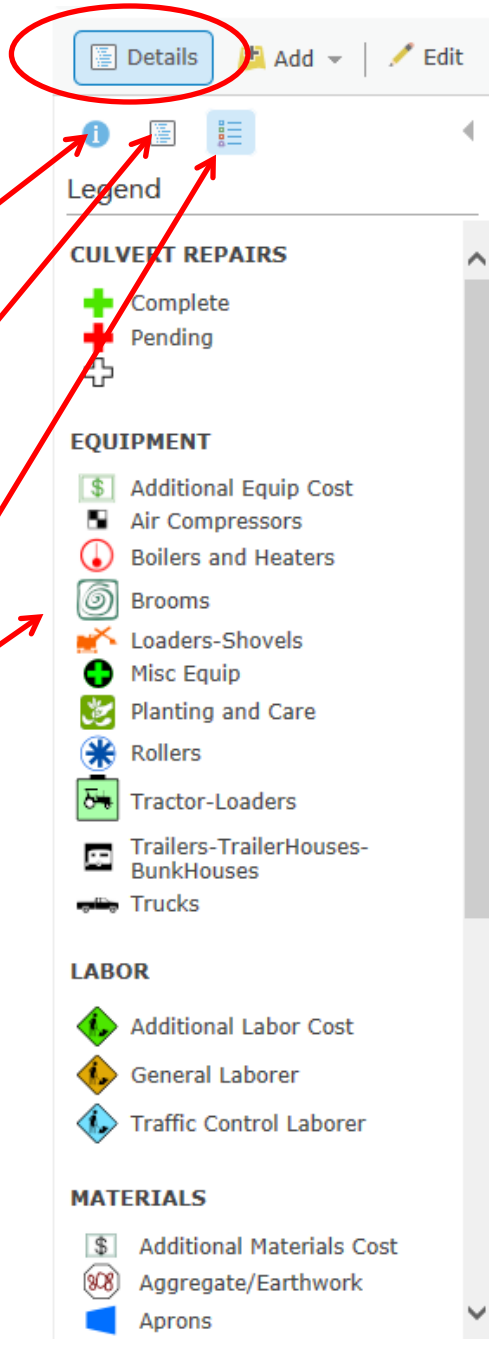
Web App Details Menu

App version Information

Contents (show tables)

Legend





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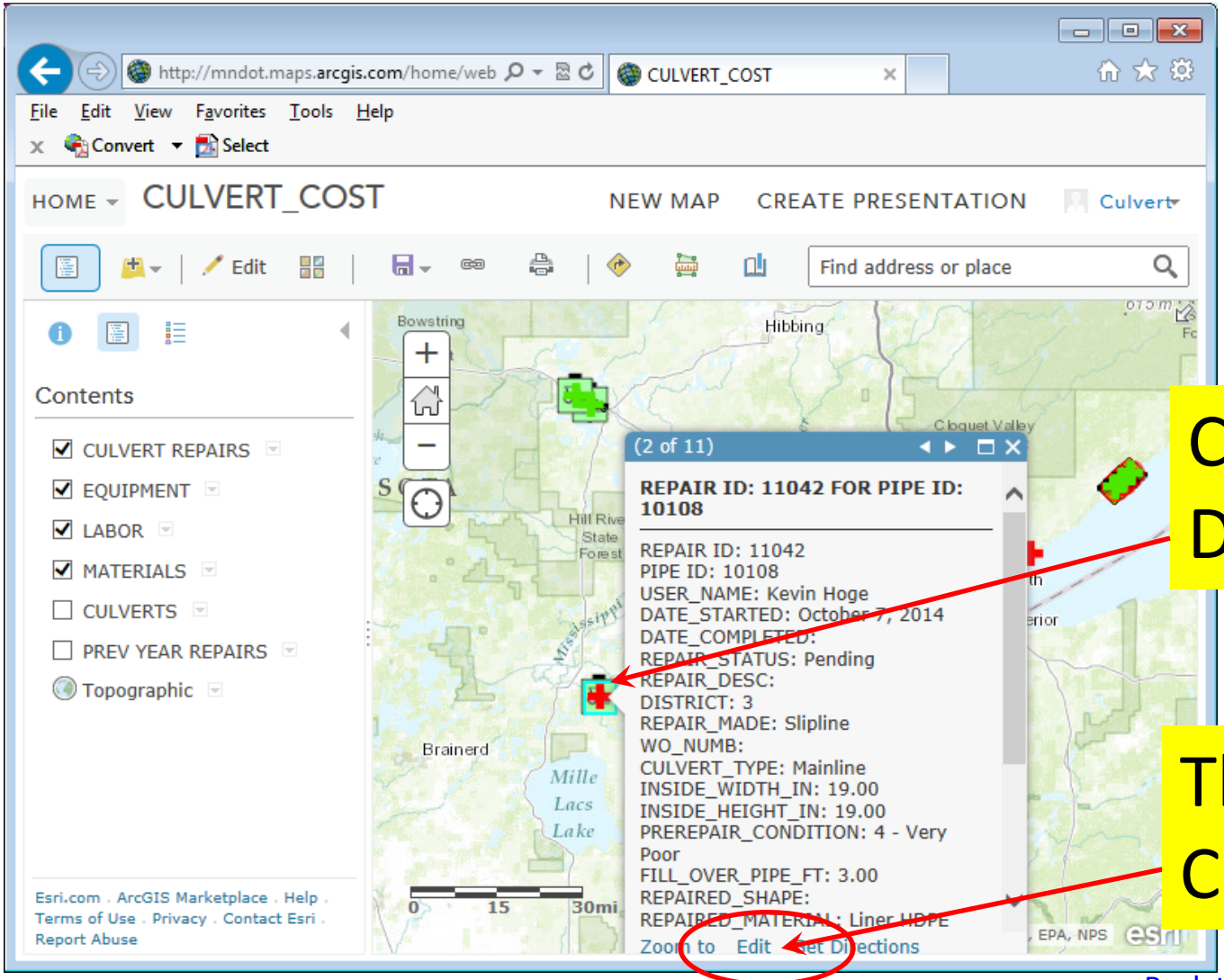
Web App

In Details Menu

click to view a Repair or turn off Content layers



Click to View Details

Then, Click to Edit

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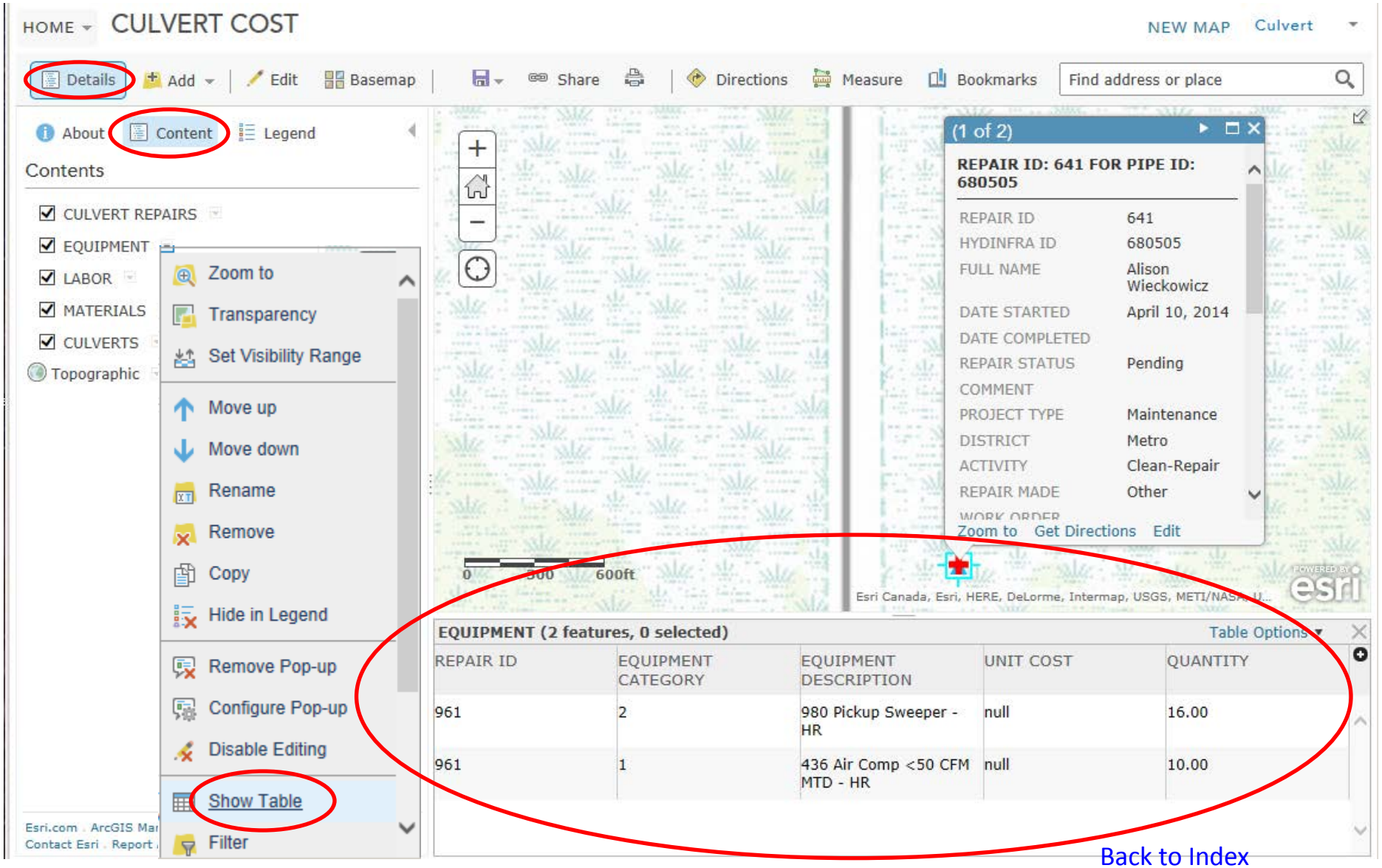
Web App

Details > Content > Show Table



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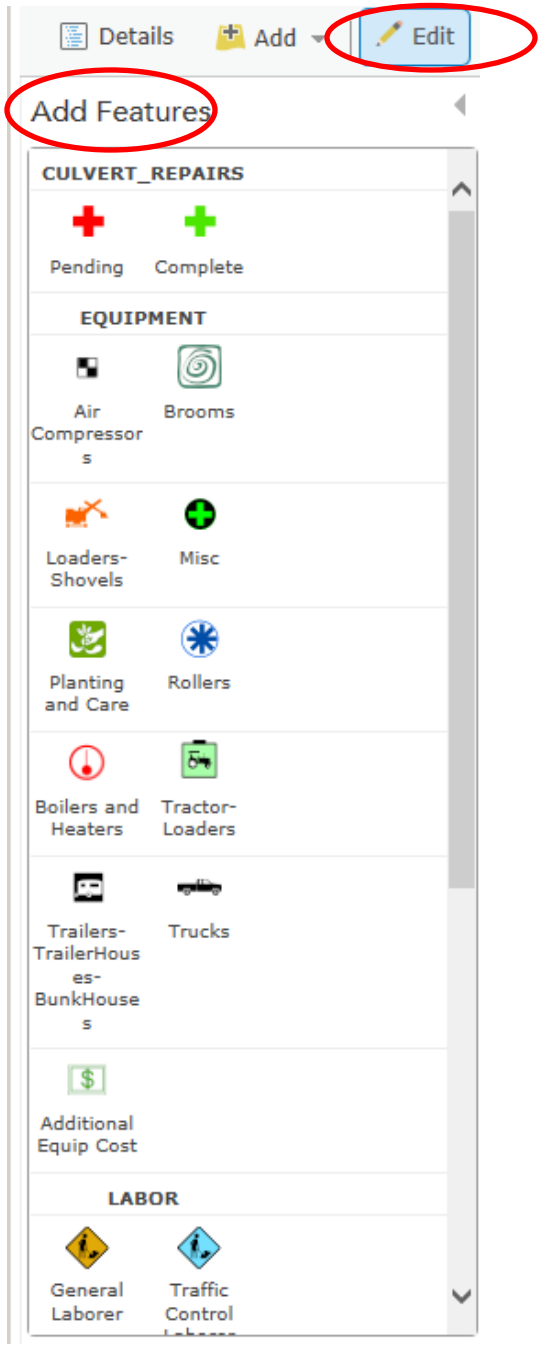

Edit Menu

- Add a Repair
- Add Equipments
- Add Materials
- Add Labors

- Label everything with Repair ID

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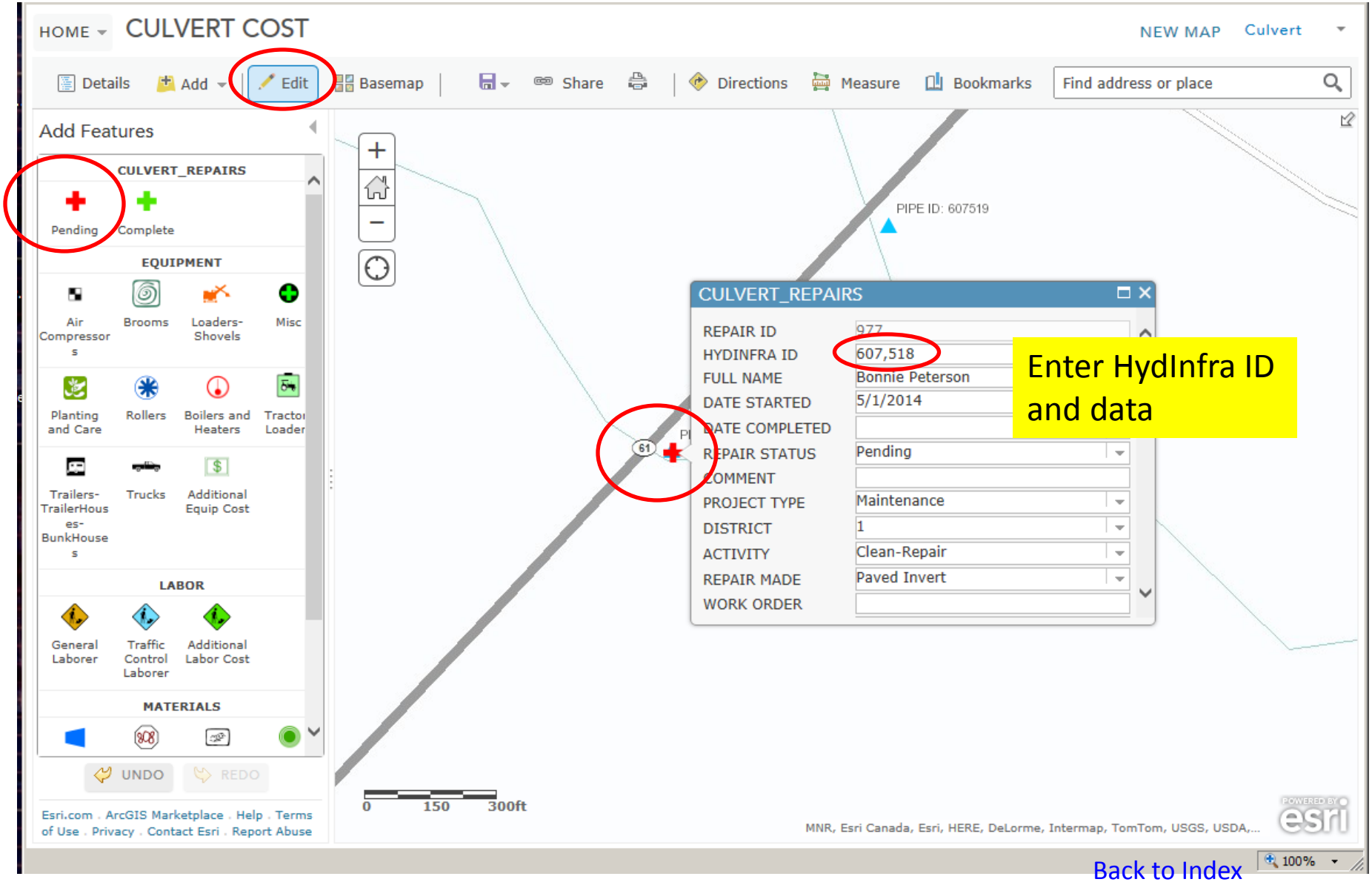
Create a Repair

Choose Edit Menu > Click Pending >Click on Pipe



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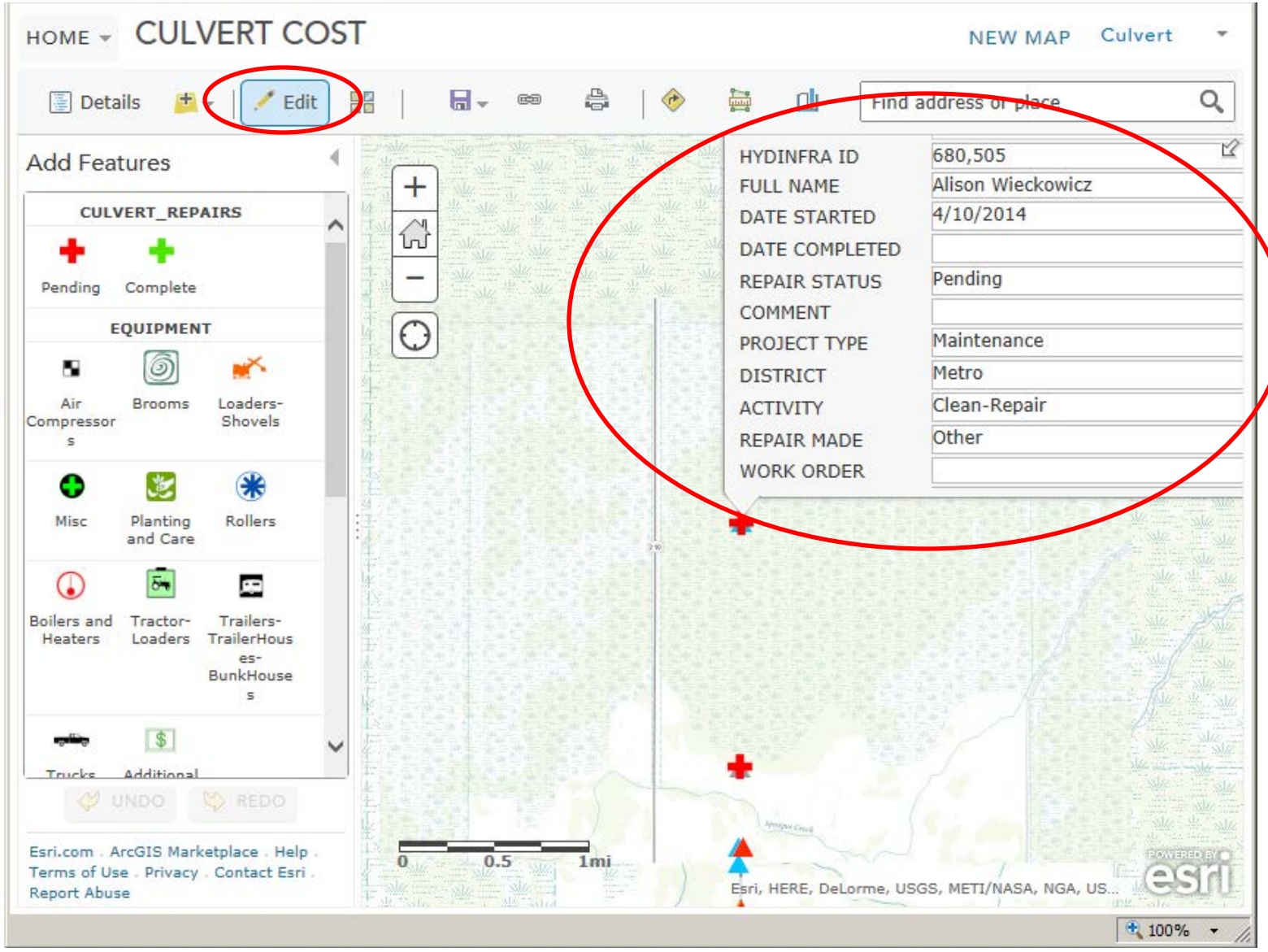
Web App

Edit mode, make changes



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Check your Repair!
for Completeness with the Individual Repair Details Report

- Go to Culvert Cost Reports
- Choose Individual Repair Details Report
  - Select the Repair ID or the HydInfra ID

Culvert Cost Reports

1. Individual Repair Details Report
   - Review a repair for completeness
2. All Repairs Summary Report
   - Review all repairs and cost totals
3. Statistical Analysis Report

Culvert Repair Cost - Individual Repair Details Report

Hydinfra ID:	637426	**Repair ID:**	33	**Repair Status:**	Pending
Repair Made:	Other				
Activity:	Clean-Repair				

Width before repair:	44.00	**Name:**	Schmuck	**District:**	M
Height before repair:	44.00	**Project Type:**	Maintenance	**Function:**	
Length before repair:	77.00	**RCA WO#:**	1234	**Culvert Type:**	Frontage
Material before repair:		**Constr SP #:**	Sp 4444	**Hwy System:**	IS
Shape:	Round	**Completed Date:**		**Hwy #:**	94
Width after repair:	12.00	**Start Date:**	04/10/2014	**Ref Pt:**	
Height after repair:	12.00	**Condition before repair:**	4 - Very Poor	**Left or Right:**	L
Material after repair:	Aluminized Steel	**Condition after repair:**	1 - Like New		
Length after repair (ft):	88.00				
Fill over pipe (ft):	77.00				
Comment:	Test of test				

Labor Cost

Labor Classification	Charge Rate	Sum Hours	Labor Cost
TG	$31.05	20	$621.00
		Total Labor:	**$621.00**

Equipment Cost

Charge Class - Description - Charge Units	Charge Rate	Quantity	EqupCost
437 Air Comp 50-150 CFM MTD - HR	$36.69	1	$36.69
646 Mudjack - hour	$58.15	4	$232.60
619 Brush Chipper - hour	$46.13	3	$138.39
770 Shovels 1/2 C.Y.. or 3/4 C.Y. - HR	$51.61	1	$51.61
468 Roller, Articulated, 3-6 ton - hour	$27.79	1	$27.79
646 Mudjack - hour	$58.15	5	$290.75
		Total Equipment:	**$777.83**

Material Cost

Material Description	Charge Rate	Quantity	MatlCost
HDPE Culvert - lf	$66.00	77	$5,082.00
		Total Labor:	**$5,082.00**

Cost Summary

Labor	Equipment	Materials	Total Cost
$621.00	$777.83	$5,082.00	$6,480.83

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