# 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



The Minnesota Department of Transportation oversees more than 140,000 miles of state, county, city and township roads, 4,458 miles of rail road, 168 rest areas, 135 public airports and nine shipping ports throughout the state of Minnesota. The mission of the department is to "Provide the bighest quality, dependable multi-modal transportation system through ingenuity, integrity, alliance and accountability."

MnDOT's main web page 511 Traveler Information (For optimal performance please view apps in either Chrome or Firefox. There are some known issues with IE. ) Back to Index

# Login as CULVERT\_COST

#### (Ask for password\$ if you don't remember it) Check the box: Keep me signed in

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### Search All Content for culvert (first time in)



## CULVERT\_COST PROD is the production app

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<ul> <li>Only search in Minnesota Department of Transportation</li> <li>Related Searches</li> <li>Find items published by Esri related to "culvert"</li> </ul>	CULVERT_COST CULVERT COST PROD Web Map by CULVERT_COST_ADMIN Last Modified: April 29, 2015 (0 ratings, 0 comments, 42 views)	~

# PC app looks like this:



# Web App

# PC Web App Menus





## In Details Menu

Web App

#### click to view a Repair or turn off Content layers



### Details > Content > Show Table

#### HOME - CULVERT COST

Web App

NEW MAP Culvert

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5	Remove Pop-up	REPAIR ID	EQUIPMENT CATEGORY	EQUIPMENT DESCRIPTION	UNIT COST	QUANTIT	e Options <b>v</b> Y
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# Web App

Add Features
CULVERT_REPAIRS
Pending Complete EQUIPMENT
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Air Brooms Compressor s
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Loaders- Misc Shovels
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General Traffic Laborer Control

# Edit Menu

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

 Label everything with Repair ID

#### Create a Repair Choose Edit Menu > Click A >Click on Pipe



Web App

## Edit mode, make changes



Back to Index Check your Repair! for Completeness with the Individual Repair Details Report

• Go to <u>Culvert Cost Reports</u>

Choose Individual Repair Details Report

- Select the Repair ID or the HydInfra ID



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



#### Culvert Repair Cost - Individual Repair Details Report

Repair ID: 33

Hydinfra ID: 637426 Repair Made: Other Activity: Clean-Repair

12.00

44.00
44.00
77.00
Round
12.00
Aluminized Stee
88.00
77.00
Test of test

Name:	Schmuck	District:	М
Project Type:	Maintenance	Function:	
RCA WO#:	1234	Culvert Type:	Fr
Constr SP #:	Sp 4444	Hwy System:	IS
Completed Date:		Hwy #:	94
Start Date:	04/10/2014	Ref Pt:	
Condition before repair:	4 - Very Poor	Left or Right:	L
Condition after repair:	1 - Like New		

n: e: Frontage m:IS #: 94 Pt:

Repair Status: Pending

Labor Cost	Labor Classification		Charge Rate	Sum Hours	Labor Cost
Labor Cost			end of		0004 00
	16		\$31.05	20	\$621.00
				Total Labor:	\$621.00
Equipment Cost	Charge Class - Description - Charge Unit	ts	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 - If		\$66.00	77	\$5,082.00
				Total Labor:	\$5,082.00
Cost Summarv	Labor	Equipment	м	aterials	Total Cost
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**Back to Index**