

How to create a Culvert Repair record with the Culvert Cost Web App

- Open the [Link to Production Web App \(password required\)](#)
 - Find the link on the [external webpage](#) or the [IHUB](#) – search MnDOT webpages for “Culvert Cost” to find
- Check your work with [Culvert Cost Reports](#)
 - (Login is required on the external site)

Web App

PC Web App Menus

CULVERT COST - Windows Internet Explorer

http://mndot.maps.arcgis.com/home/webmap/viewer.html?web

CULVERT COST

HOME CULVERT COST NEW MAP Culvert

Details Add Edit Basemap Share

Find address or place

REPAIRS

EQUIPMENT

Complete

ding

Additional Equip Cost

Compressors

ers and Heaters

oms

ders-Shovels

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ers

ctor-Loaders

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Report Abuse

0 50 100mi

Esri, DeLorme, FAO, USGS, NOAA, EPA, NPS

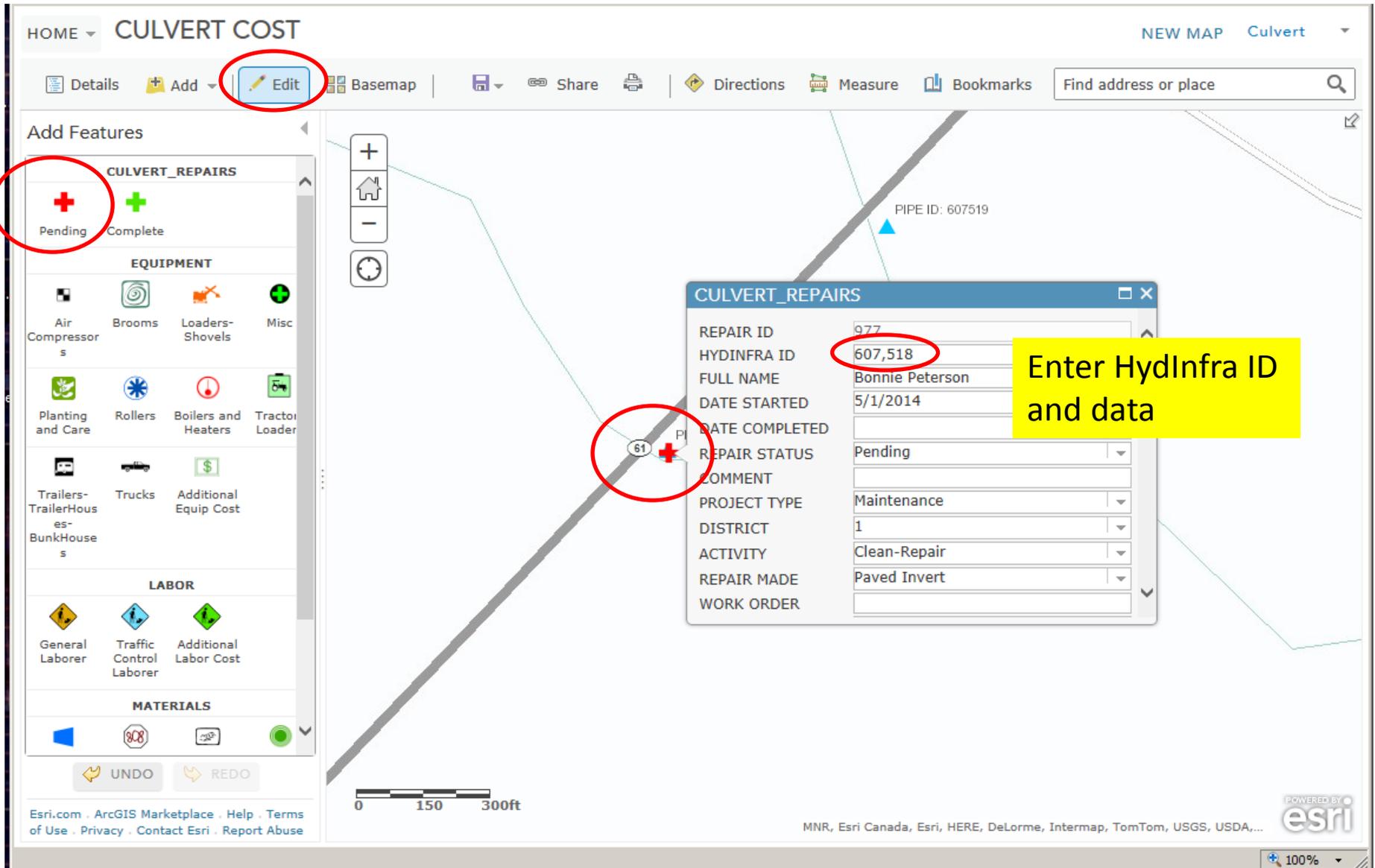
esri

100%

Choose
your
task:
Details
or Edit

Create a Repair

Choose Edit Menu > Click  > Click on Pipe



HOME ▾ CULVERT COST NEW MAP Culvert ▾

Details Add **Edit** Basemap | Share | Directions Measure Bookmarks Find address or place

Add Features

- CULVERT_REPAIRS**
 -  Pending
 -  Complete
- EQUIPMENT**
 - Air Compressor s
 - Brooms
 - Loaders-Shovels
 - Misc
 - Planting and Care
 - Rollers
 - Boilers and Heaters
 - Tractor Loaders
 - Trailers-TrailerHouses-BunkHouses
 - Trucks
 - Additional Equip Cost
- LABOR**
 - General Laborer
 - Traffic Control Laborer
 - Additional Labor Cost
- MATERIALS**

UNDO REDO

0 150 300ft

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100%

CULVERT_REPAIRS

REPAIR ID	977
HYDINFRA ID	607,518
FULL NAME	Bonnie Peterson
DATE STARTED	5/1/2014
DATE COMPLETED	
REPAIR STATUS	Pending
COMMENT	
PROJECT TYPE	Maintenance
DISTRICT	1
ACTIVITY	Clean-Repair
REPAIR MADE	Paved Invert
WORK ORDER	

Enter HydInfra ID and data

Type in Repair Data

Fill in
Inside Width and
Inside Height
IF a liner changes it

Pre-Repair info
will be blank now
and auto-filled
later.

For now,
fill in Route
Number and
Route Reference.
Click "Close"
to save the
entries.

REPAIR ID	977
HYDINFRA ID	204,222
FULL NAME	Bonnie Peterson
DATE STARTED	5/2/2014
DATE COMPLETED	5/2/2014
REPAIR STATUS	Pending
COMMENT	
PROJECT TYPE	Maintenance
DISTRICT	4
ACTIVITY	Repair
REPAIR MADE	Slipline
WORK ORDER	

SP NUMBER	
CULVERT TYPE	Median
INSIDE WIDTH INCH	20
INSIDE HEIGHT IN	20
PREREPAIR CONDITION	4 - Very Poor
PREREPAIR WIDTH	24
PREREPAIR HEIGHT	24
PREREPAIR_LENGTH	66
FILL OVER PIPE FT	6
REPAIRED MATERIAL	Liner HDPE
REPAIRED LENGTH FT	68
REPAIRED	

PREREPAIR HEIGHT	24
PREREPAIR_LENGTH	66
FILL OVER PIPE FT	6
REPAIRED MATERIAL	Liner HDPE
REPAIRED LENGTH FT	68
REPAIRED CONDITION	1 - Like New
ROUTE SYSTEM	US
ROUTE NUMBER	10
ROUTE REFERENCE	124.192
LEFT OR RIGHT	R

DELETE CLOSE

Repair Activity and Repair Made describe the repair

HOME ▾ CULVERT COST NEW MAP Culvert ▾

Details Add ▾ Edit Basemap Share Directions Measure Bookmarks Find address or place

Add Features

CULVERT_REPAIRS

Pending Complete

EQUIPMENT

Air Compressors Brooms Loaders-Shovels Misc

Planting and Care Rollers Boilers and Heaters Tractor Loaders

Trailers-TrailerHouses-BunkHouses Trucks Additional Equip Cost

LABOR

General Laborer Traffic Control Laborer Additional Labor Cost

MATERIALS

UNDO REDO

PIPE ID: 607519

61

CULVERT_REPAIRS

REPAIR ID	977
HYDINFRA ID	607,518
FULL NAME	Bonnie Peterson
DATE STARTED	5/1/2014
DATE COMPLETED	
REPAIR STATUS	Pending
COMMENT	
PROJECT TYPE	Maintenance
DISTRICT	1
ACTIVITY	Clean-Repair
REPAIR MADE	Paved Invert
WORK ORDER	

Activity is a general category.
Repair Made is a specific repair.

0 150 300ft

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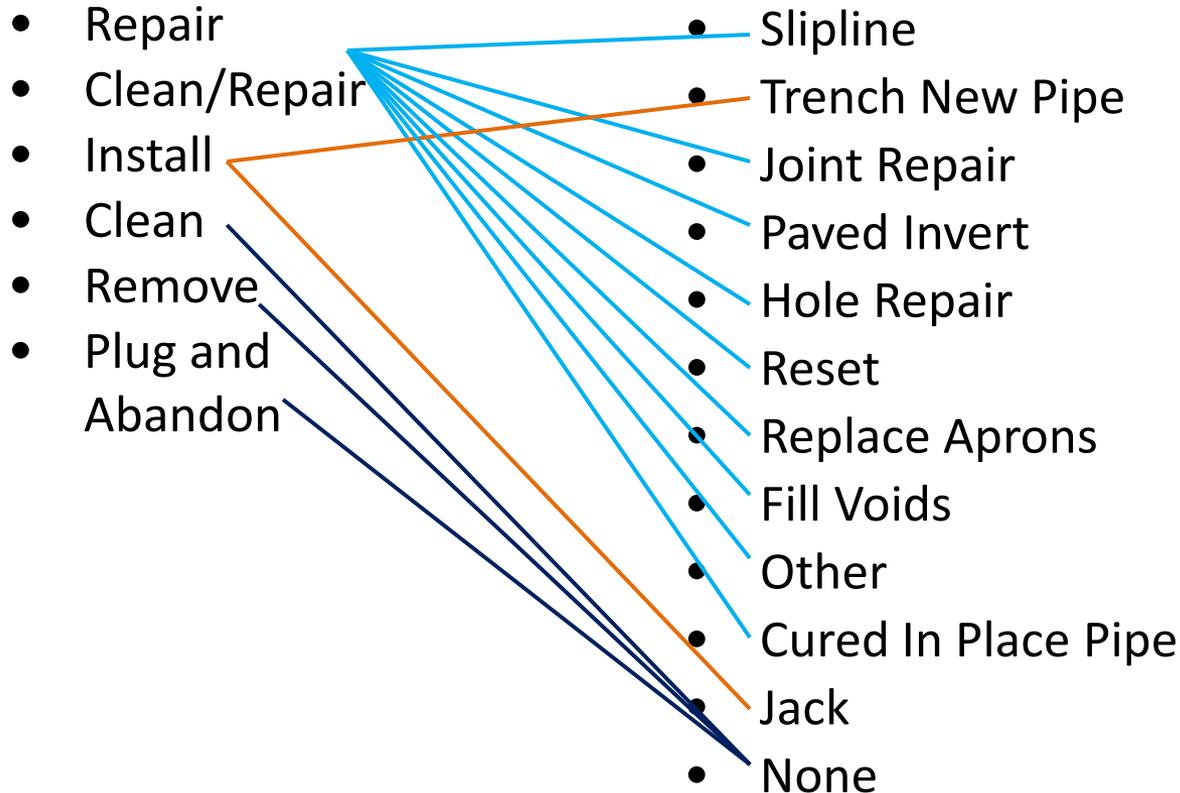
Repair Activity and Repair Made should match:

Repair Activity

- Repair
- Clean/Repair
- Install
- Clean
- Remove
- Plug and Abandon

Repair Made

- Slipline
- Trench New Pipe
- Joint Repair
- Paved Invert
- Hole Repair
- Reset
- Replace Aprons
- Fill Voids
- Other
- Cured In Place Pipe
- Jack
- None



Add Materials, Equipments and Labors

HOME ▾ CULVERT COST NEW

Details Add Edit Basemap Share Directions Measure Bookmarks Find address or

Add Features

- CULVERT_REPAIRS**
 - Pending Complete
- EQUIPMENT**
 - Air Compressors
 - Brooms
 - Loaders-Shovels**
 - Misc
 - Planting and Care
 - Rollers
 - Boilers and Heaters
 - Tractor-Loaders
 - Trailers-TrailerHouses-BunkHouses
 - Trucks

PIPE ID: 607519

EQUIPMENT

REPAIR ID	977
EQUIPMENT CATEGORY	Loaders-Shovels
EQUIPMENT DESCRIPTION	Excavator, Hydraulic, Truck Mounted - HR
UNIT COST	760 4 Wheel Drive Loader-Hough, Pettibone - HR
QUANTITY	770 Shovels 1/2 C.Y.. or 3/4 C.Y. - HR
	772 Excavator, Hydraulic, Truck Mounted - HR

DELETE

Use pull-down menu for Equipment Description

Web App

Details > Content > Show Table

HOME ▾ CULVERT COST NEW MAP Culvert ▾

Details Add ▾ Edit Basemap Save Share Print Directions Measure Bookmarks Find address or place 🔍

About **Content** Legend

Contents

- CULVERT REPAIRS
- EQUIPMENT
- LABOR
- MATERIALS
- CULVERTS
- Topographic

Zoom to Transparency Set Visibility Range

Move up Move down Rename Remove Copy Hide in Legend

Remove Pop-up Configure Pop-up Disable Editing

Show Table Filter

(1 of 2)

REPAIR ID: 641 FOR PIPE ID: 680505

REPAIR ID	641
HYDINFRA ID	680505
FULL NAME	Alison Wieckowicz
DATE STARTED	April 10, 2014
DATE COMPLETED	
REPAIR STATUS	Pending
COMMENT	
PROJECT TYPE	Maintenance
DISTRICT	Metro
ACTIVITY	Clean-Repair
REPAIR MADE	Other
WORK ORDER	

Zoom to Get Directions Edit

EQUIPMENT (2 features, 0 selected) Table Options

REPAIR ID	EQUIPMENT CATEGORY	EQUIPMENT DESCRIPTION	UNIT COST	QUANTITY
961	2	980 Pickup Sweeper - HR	null	16.00
961	1	436 Air Comp <50 CFM MTD - HR	null	10.00

When Creating or Editing a Repair:

- Use listed materials, equipment and labor
 - Costs will be applied by database
 - Don't change the list name
- Write in “Additional Cost” for unlisted items more than \$100
- If you change HydInfra ID after submit, then HydInfra fields will blank out
 - Re-enter size, shape, material for the corrected ID
 - (Auto entry of HydInfra will probably happen in July 2014)
- Delete and do over if you messed up