

# TAMS 2-pager Instructions

## Pipe Inventory (grid view) Instructions:

- 1) Open TAMS in Chrome or Microsoft Edge <https://tamsp.dot.state.mn.us/> (Internet Explorer does not work to find your location and R1 location does not work in Agile Assets).
- 2) Open TAMS – login and choose Department (Administrative Unit) and Security Profile (User Role like Inspector or HydInfra Viewer)
- 3) Tip: set TAMS window color to Fuchsia for Training database to remind you whether you can harmlessly create junk. Don't play in Production database.
- 4) Choose Asset Inventory > Hydraulic Infrastructure then Pipes, Structures or Ponds asset type (TAMS takes a minute to bring up data)
- 5) Right-click on a data field to choose an Action (or use the pulldown menu for fewer choices):
  - a. Set Filter to Status Inplace or Proposed – Right Click> Filter > Pipe Status > filter type “in list” > Inplace + Proposed (use Ctrl-click for two or more choices. Your Filter settings persist in other asset types or Admin Units )
  - b. Right Click > Sort > Choose Column Label “Route ID”, then choose “BMP”. Note that Route ID sorts by the first digits so Interstate highways “01” come first, then “02” US highways, then “03” State highways.
  - c. Right Click on specific data field in a row (try finding Pipe ID) > Find > Like - Exact Match > 546037 (a D6 Pipe ID works only if your Admin unit is D6)
- 6) Look at the columns headers for each data field:
  - a. Pipe (TAMS ID is not the old HydInfra ID. The OLD HydInfra ID is the “External Asset ID” scroll toward far right)
  - b. Status will have everything until you filter out inactive assets. Check the “Filter Applied” (funnel symbol) to see the active filters.
  - c. Class Code defines Function: Culvert, Storm Drain, Open Channel, Drain Tile.
  - d. Administrative Unit – this is the group you belong to and you can only see the assets in your group or blank units.
  - e. Route ID – this is the LRS code name for a roadway but right side has Highway number plus lane direction indicator I or D (for Increasing or Decreasing side)
  - f. BMP – this is NOT milepost or reference point. BMP *beginning measure point* is a cartographic linear measure along the road, starting from the Iowa or Dakotas border.
- 7) Pipe Data fields with a number in them -- like [2](#)-- will open a sub-table when you click on them.
  - a. End Sections have Aprons
  - b. Extensions describe different materials and sizes
  - c. Pipe Components describe internal parts like Bends, Increaser-Reducers, Energy Dissipators
  - d. Activity Repair History has repair records that aren't included in TAMS Work Order Management (maybe will have repairs from a construction project not done by MnDOT Maintenance).
- 8) INVENTORY Comments send a message about the asset itself, not the condition. Inventory Comment might be “This culvert has a history of eroding badly with heavy rains.” (Whereas, the inspection comment would say “eroded outlet needs repair fast”).

- 9) Some data fields are automatically populated and you can't change them. (Some of these might require write-ins for now)
  - a. Suggested Repair (that's the Flowchart Suggested Repair sorting process based on pipe traits)
  - b. Year to Inspect (this is the Drainage Performance Measure for Highway Culvert Inspection sorting process)
  - c. Route ID and BMP are assigned by LRS process from the asset's Longitude-Latitude location.
  - d. Some day we will have auto-populated data fields for County, Maintenance District, Construction District, and State Owner (always MnDOT) but it may take a while to develop.
  - e. Date Activated is same as Discover Date from old HydInfra, but new TAMS assets should get date when created.
  
- 10) Location is in Longitude-Latitude with data fields to describe how good the locations are.
  - a. Fill in Source and Accuracy fields unless they fill in themselves (auto-populate may come later). If Source or Accuracy fields are empty, the locations are considered to be bad.
  
- 11) Left/Right of Centerline comes from old HydInfra data. This might match the new TAMS data field called "Offset". Offset should be a negative (left) or positive (right) distance from the nearest road centerline from LRS. (See also Route ID I or D -- Increasing or Decreasing -- to know what that distance is measured from).