

Nova Scotia Asset Management Program

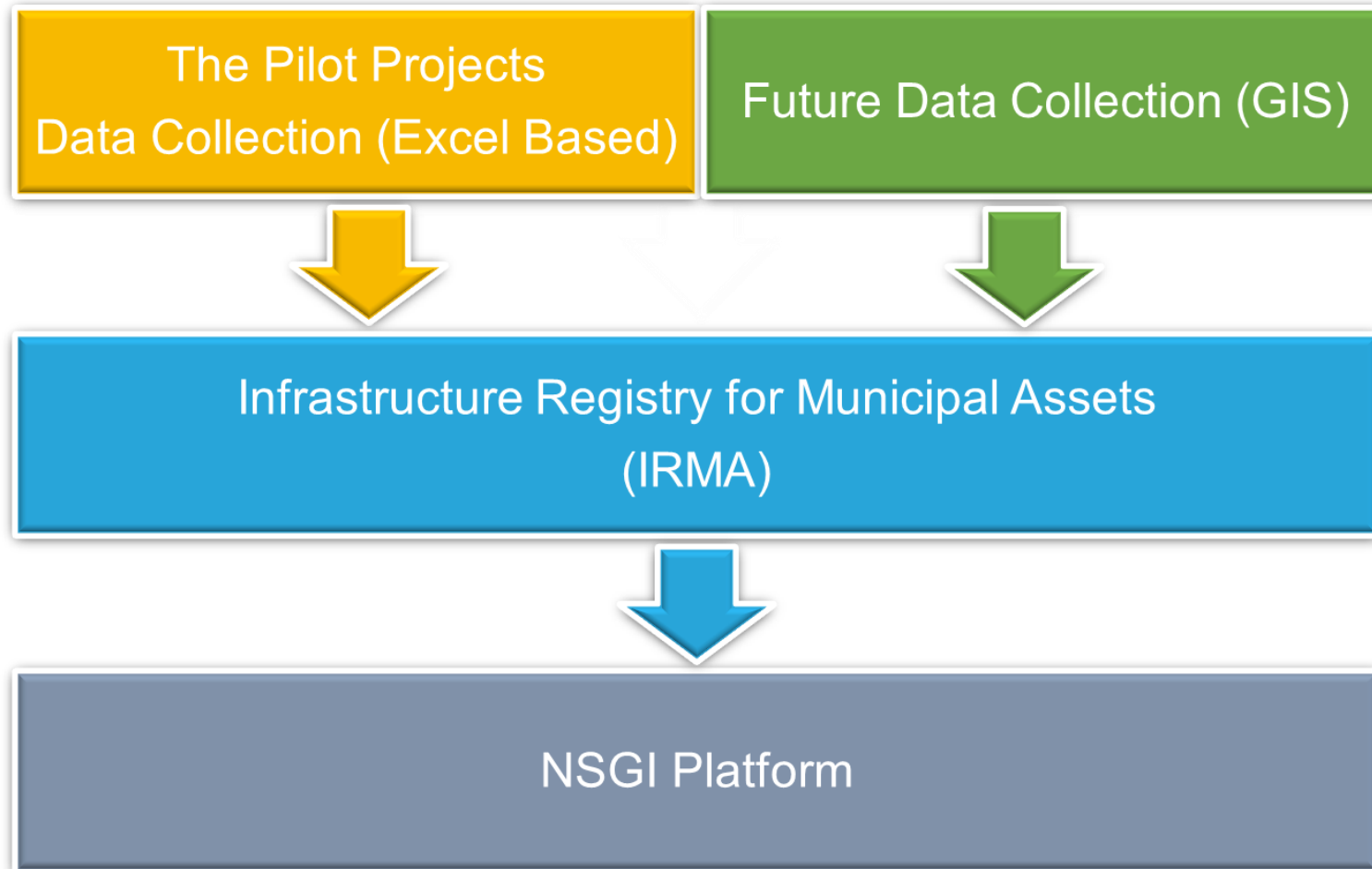
PRESENTED BY: NOVA SCOTIA DEPARTMENT OF MUNICIPAL AFFAIRS AND HOUSING



The Infrastructure Asset Management Nova Scotia Working Group (IAMNS)



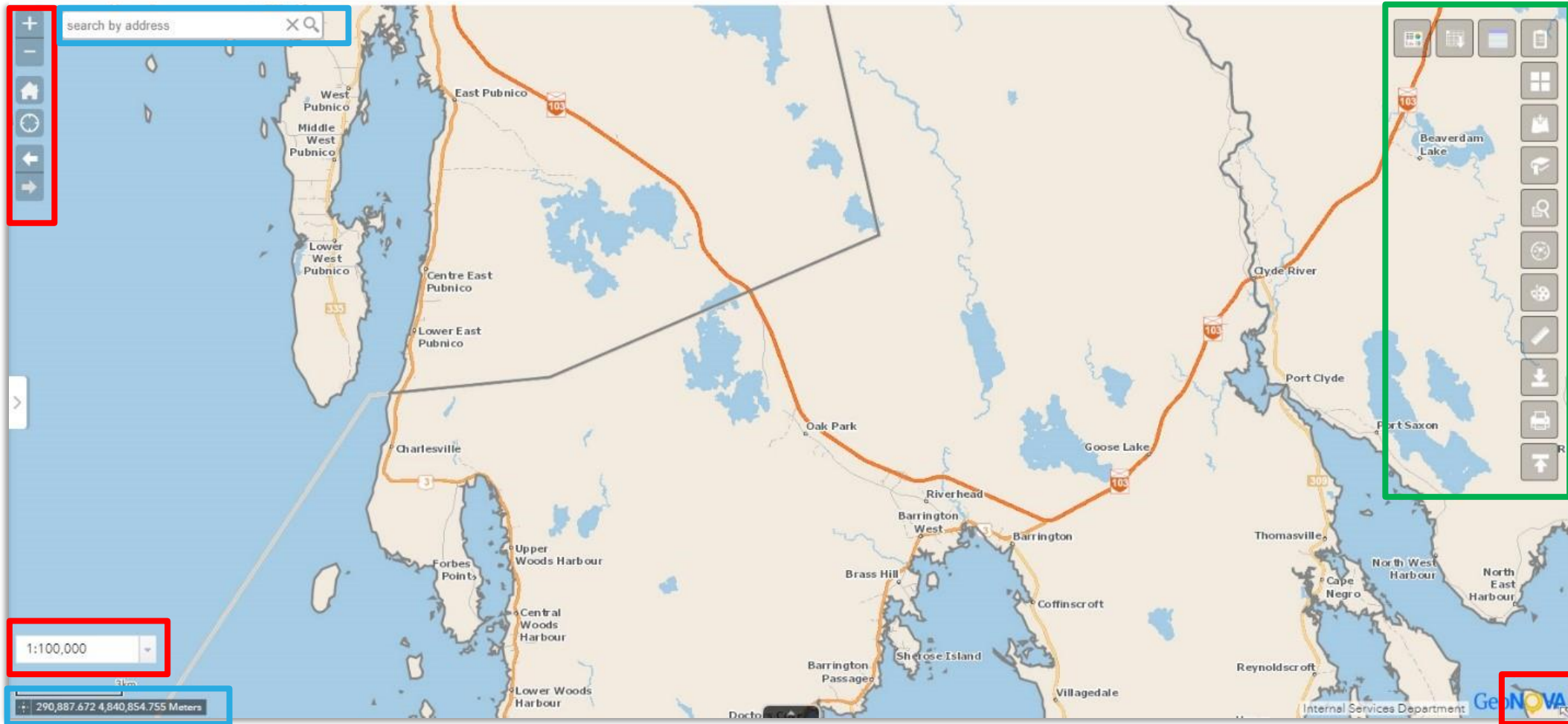
Overall Program Framework



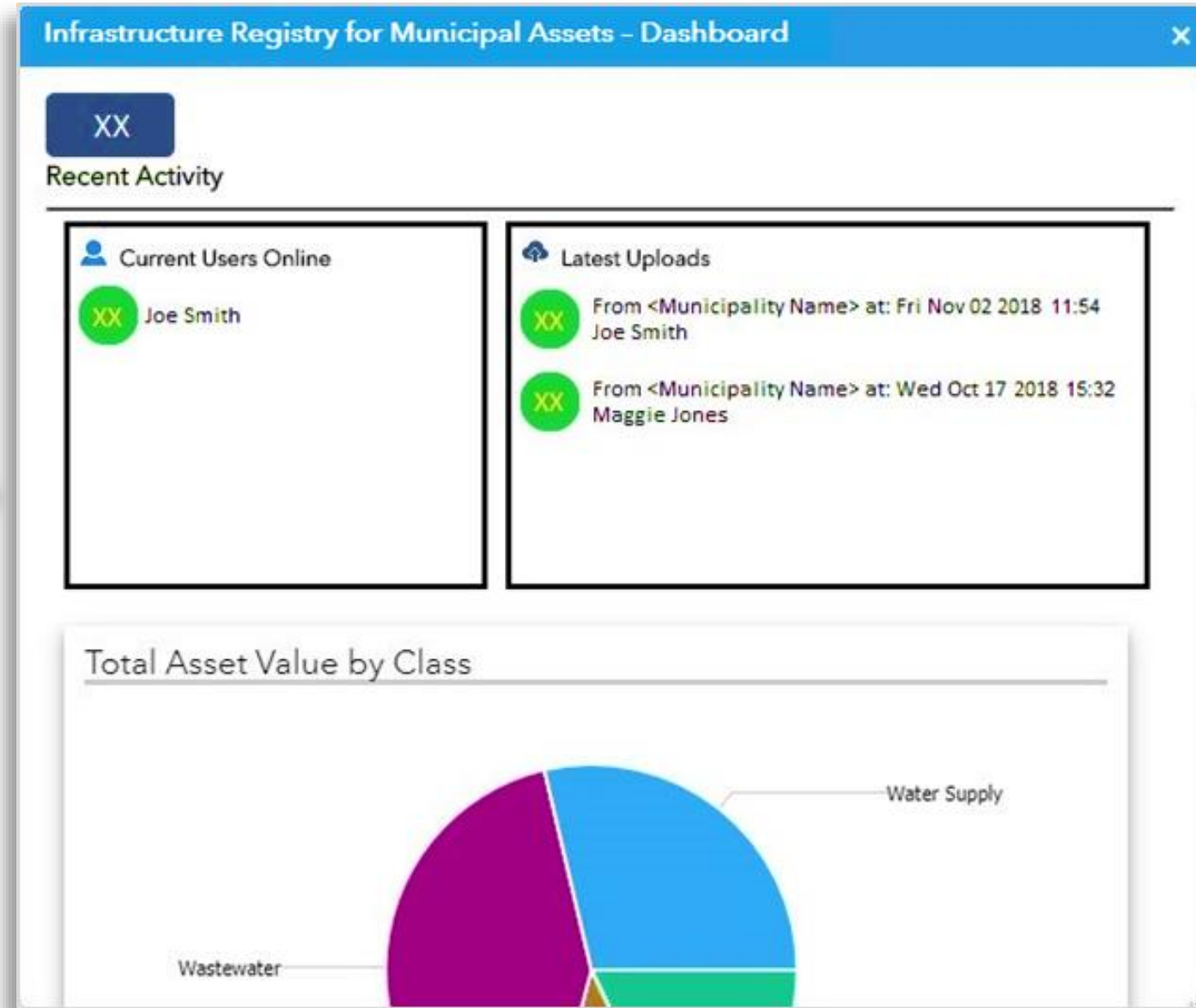
Introducing IRMA

- “One Stop Shop”
- Storage and mapping for municipal infrastructure assets
- Provincially funded
- Leverages the use of existing Provincial IT/geomatics resources

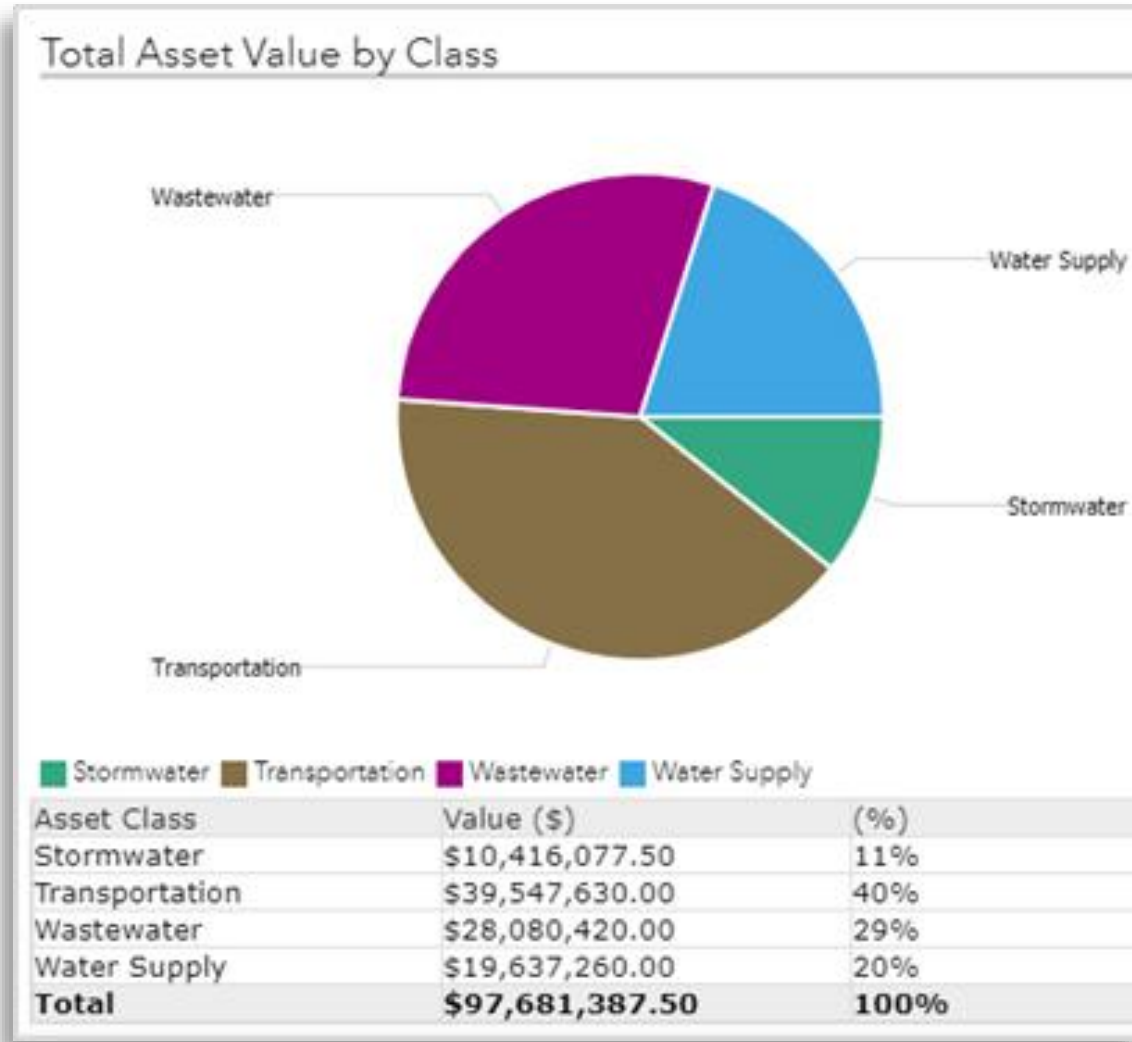
IRMA at a Glance: *Map Widgets*



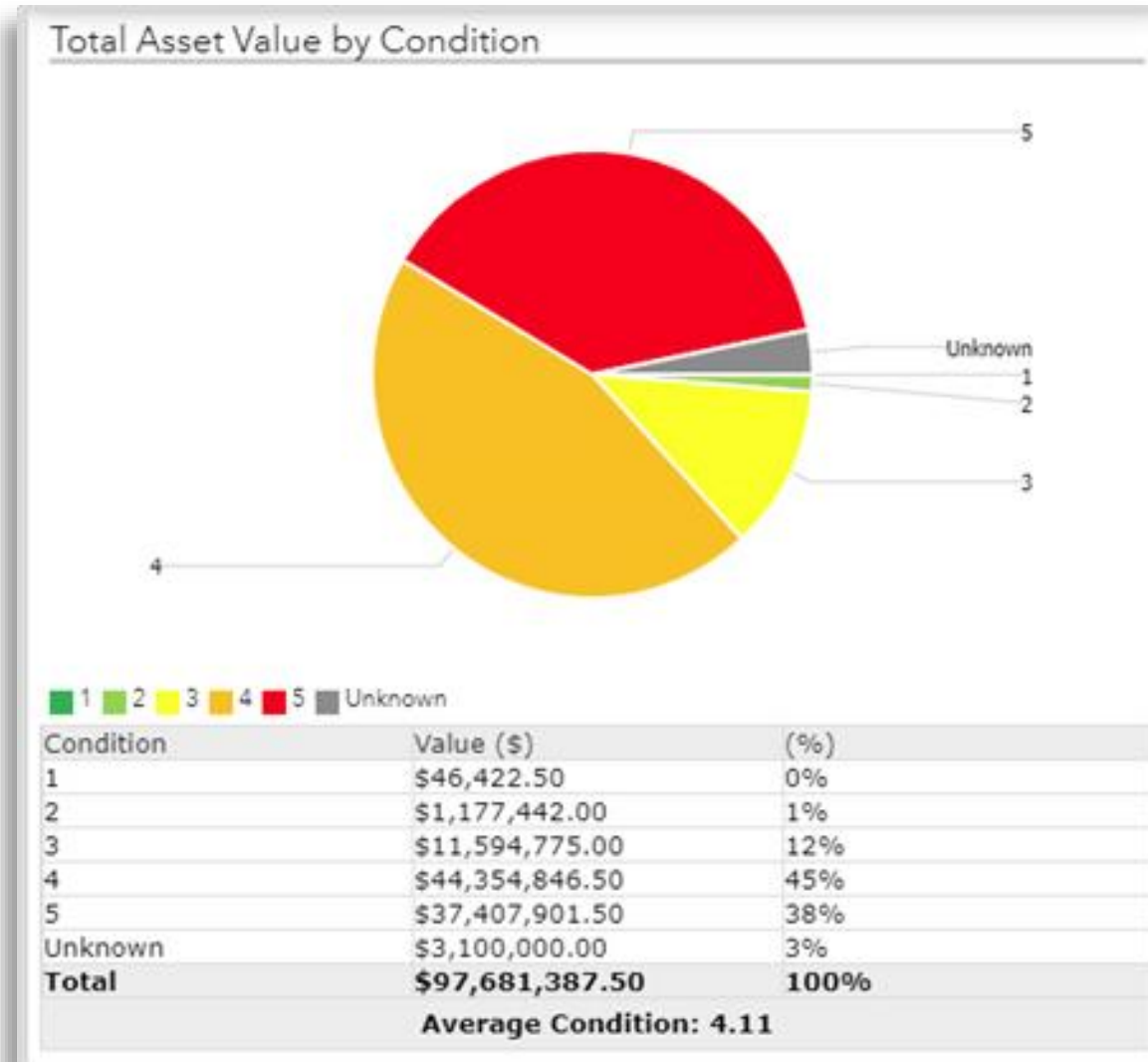
IRMA at a Glance:
The Dashboard



IRMA at a Glance: The Dashboard



IRMA at a Glance: The Dashboard



Data Viewer

Clear Map Selections Select Columns Show Selected Show All

Show 10 entries

Age (years)	Asset Class	Asset Subtype	Complete	Condition	Condition Basis	Elevation (m)	Estimated RUL (years)	Feature Code	Follow-Up Date	Install Year
2018	Transportation	Barrier/Guard Rail	No	Fair	Detailed	10	10	Guiderail	Thu Nov 15 2018	
2018	Transportation	Barrier/Guard Rail	No	Fair	Detailed	10	10	Guiderail	Thu Nov 15 2018	
2018	Transportation	Barrier/Guard Rail	No	Good	Detailed	30	30	Guiderail	Thu Nov 15 2018	
2018	Transportation	Barrier/Guard Rail	No	Fair	Detailed	40	40	Guiderail	Thu Nov 15 2018	
2018	Transportation	Barrier/Guard Rail	No	Good	Detailed	40	40	Guiderail	Thu Nov 15 2018	

IRMA at a Glance:

The Data Viewer

Select Columns to Display

<input checked="" type="checkbox"/> Asset Code	<input checked="" type="checkbox"/> Condition Basis	<input checked="" type="checkbox"/> Probability of Failure
<input checked="" type="checkbox"/> Municipality ID	<input checked="" type="checkbox"/> Inspected Date	<input checked="" type="checkbox"/> Consequences of Failure
<input checked="" type="checkbox"/> Asset Class	<input checked="" type="checkbox"/> Estimated RUL (years)	<input checked="" type="checkbox"/> Risk
<input checked="" type="checkbox"/> Asset Subtype	<input checked="" type="checkbox"/> Replacement Year	<input checked="" type="checkbox"/> Record Drawing
<input checked="" type="checkbox"/> Feature Code	<input checked="" type="checkbox"/> Cost Code	<input checked="" type="checkbox"/> Region
<input checked="" type="checkbox"/> Location Description	<input checked="" type="checkbox"/> Unit Cost	<input checked="" type="checkbox"/> Department
<input checked="" type="checkbox"/> Elevation (m)	<input checked="" type="checkbox"/> Replacement Cost	<input checked="" type="checkbox"/> Division
<input checked="" type="checkbox"/> Status	<input checked="" type="checkbox"/> Cost Method	<input checked="" type="checkbox"/> Person Responsible
<input checked="" type="checkbox"/> Material	<input checked="" type="checkbox"/> Historic Cost	<input checked="" type="checkbox"/> Complete
<input checked="" type="checkbox"/> Cost Factor	<input checked="" type="checkbox"/> Residual Value	<input checked="" type="checkbox"/> Follow-Up Date
<input checked="" type="checkbox"/> Width	<input checked="" type="checkbox"/> Accumulated Amortization	<input checked="" type="checkbox"/> Comments
<input checked="" type="checkbox"/> Install Year	<input checked="" type="checkbox"/> Book Value	<input checked="" type="checkbox"/> Change Comments
<input checked="" type="checkbox"/> Age (years)	<input checked="" type="checkbox"/> FRAM	<input checked="" type="checkbox"/> Measured Length (m)
<input checked="" type="checkbox"/> Condition	<input checked="" type="checkbox"/> Disposal Date	

All/None OK Cancel

IRMA at a
Glance:

*Layer Pop-
ups*



Gate Valve (Water Supply)	
Asset Code	XX-PWS-VLV-GV-09999
Municipality ID	Municipality XX
Asset Class	Water Supply
Asset Subtype	Valve
Feature Code	Gate Valve
Location Description	Main St.
Elevation (m)	50.5
Status	Active
Material	Unknown
Cost Factor	
Width	0.0
Install Year	1966
<u>Zoom to</u>	...

Thank-you!

Contact

Jennifer Duncan, P. Eng
Nova Scotia Department of Municipal
Affairs and Housing
Tel: 902.424.5676
Email: Jennifer.Duncan@novascotia.ca