NO DATA FOR YOU

http://data.iowadot.gov

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Ever felt like this.....

• You need public data but no public entity will share with you?

• Want to charge you money?!?
FEEL LIKE YOU ARE BLACKLISTED AT HOP SING
NEED TO FISH FOR DATA

Wrist Strap Optional

NO DATA FOR YOU.
EVER FEEL LIKE...

I need 60 different websites to get data needed for my project?

Authoritative source, what authoritative source?

Some old guy tells you to just use the REST service....

We tend to look at our own sandbox, tools and political jurisdiction.

Folder: /
Current Version: 10.31
View Footprints In: ArcGIS Online map viewer
Folders:
- AerolImagery
- Aviation
- Basemap
- Boundaries
- Bridges Structures
- Construction
- CB
- Environmental
- Excision
- Facilities
- Grants
- Imagery Statewide
- ISites
- LIDAR
- Local Projects
- LRS
- Maintenance
- Operations
- Pavement Management

Have no application that shows the data you need.
Statewide Iowa 511 @statewideia511 · Jan 11
Here's what the roads look like this morning (1-11-2018) at 6 a.m. Get current road conditions at: hb.511ia.org
WHAT ABOUT SOUTH DAKOTA?
NO CENTERLINE FOR YOU

• Need common centerline for the state that has different linear referencing methods (LRMs)
  • Addressing
  • Mile Point
  • Reference post
  • Etc

• Centerline needs to work for E911 and may be driven by E911
• Support authoritative data sources
• Identify systems needed to not duplicate effort
• Meaningful dialog and fruitful work to integrate

https://en.wikipedia.org/wiki/Black_and_white_cookie
I NEED TO KEEP MY DATA CLOSE

We all know it is best to keep your data close. Don’t be the label maker person

We don’t want anyone to question it

Might be a fatal flaw in it
Governments derive their power from having the information

Governments want to interact with citizens and provide information through technology

Keith Nichols
managing director of government at Thomson Reuters
WE NEED TO CHANGE
CHANGE CAN BE GOOD
OPEN DATA ALLOWS FOR ANALYTICS

• Biggest excuse that analytics is not done is that the underlying data is not valid

• Successful data implementations feed analytics.
  • Give as many people as possible access to data
  • But make sure there is a SINGLE SOURCE of TRUTH

• Employees use this single source of truth in new ways or discard old ones that are beyond their prime
USING OPEN DATA REQUIRES A TRANSLATOR

• Metadata is important but only can say so much

• Need a person or persons that not only understand data but can understand how to APPLY this data to a business process

• You may have access to data, but have no idea how to apply it (tools, process, etc)

• Or you may understand the data but have no idea how to make use of it beyond your box
THROW IT ALL OUT THE WINDOW; BE A LEADER

- Most of us are not guarding state secrets
- Open it up
- Let people use it, great things can happen
- Make it easy to get to
- Have a data policy; make all data open unless it is deemed confidential
- Leverage Open Data Tools to make open data easy
IOWA DOT DATA PORTAL

http://data.iowadot.gov
People can use your data

Road conditions remain partially to completely covered with compacted ice and snow in SE Minnesota. Roads are much better across north Iowa. Slow improvements will be made throughout the day. #MNWX #IAWX #ABC6WX #ABC6Roads

bit.ly/2ruf7rW
WHEN YOU HAVE OPEN DATA
PEOPLE LOVE IT

MPO & RPA
University
Consultants
Businesses
Government entities
Citizens
College Students
WAZE
HERE
QUESTIONS

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Iowa Department of Transportation