

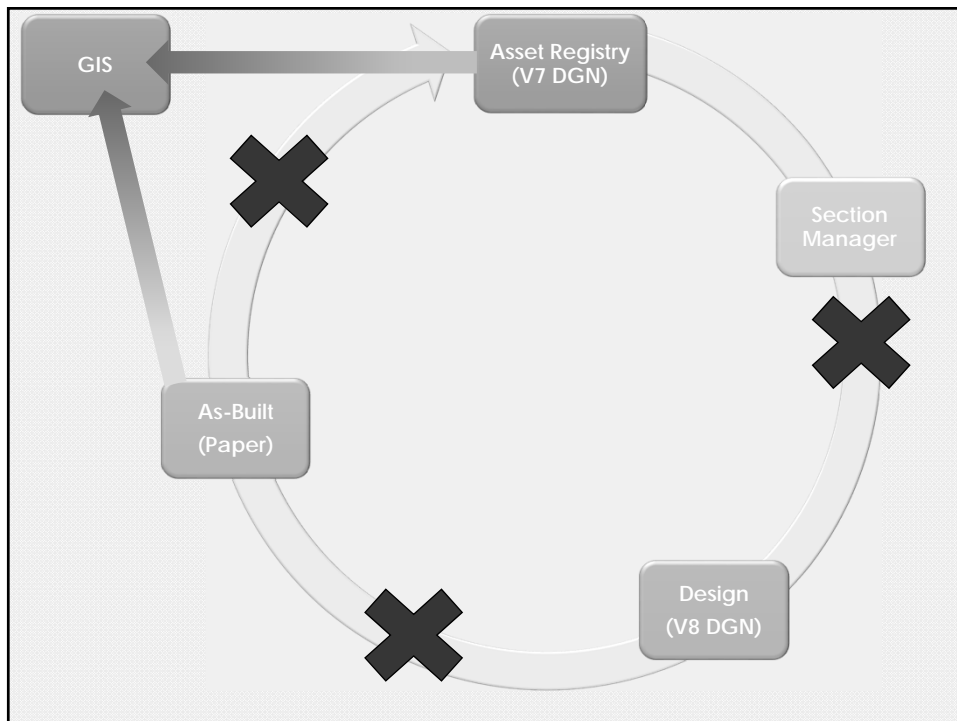
# ACEC TECH

## AGENDA

- GIS Data – Julio
- Coming requirements for Electronic As-Built data to insert into ESRI GIS – Julio
- Coming requirements for GPS data – Julio
- Clip, Zip Ship – transition from the current ftp site. – Julio
- Implementation of Bentley MicroStation OpenRoads \ GEOPAK SS3 workspace. – Mike
- Changes to our electronic plan review practices – Mike
- Nebraska User group – Mike

## HISTORY

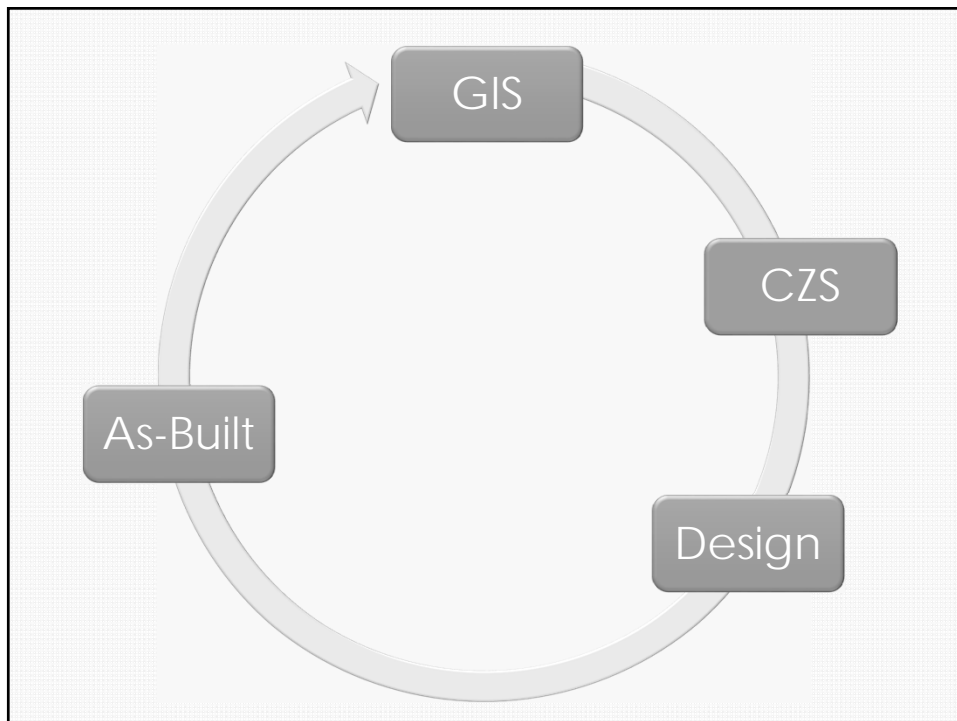
- Asset Registry
  - Began 1984
  - V7
- GIS
- Design
- As-Built
- Fragmented Data



## SOLUTION

### Phase 1

- Get GIS data into MicroStation



GIS DATA

ELECTRONIC AS-BUILT  
REQUIREMENTS

GPS DATA  
REQUIREMENTS

CLIP ZIP SHIP

## CLIP ZIP SHIP

- GUI interface
  - Login needed
  - Window project limits
  - Receive link to files to be downloaded.
  - GIS Data will be assigned to DGN using CAD Standards.
- 
- No longer have Asset Registry DGN files.
  - Will be remove from FTP

## OPENROADS SS3 WORKSPACE

## OPENROADS SS3

- Available 08/08/2015
- Template Library
- Seeds Files
- Geo. Coordinate System – Custom NAD 83 Lancaster Co.
- Corridor Project Settings
- Element Templates
- Define Configuration Variables
- Superelevation Standards
- Horizontal and Vertical Design Standards

## TO BE DONE

- Develop Best Practice procedures
- Documentation
- Training

## 2016 - OPENROADS

- SS4 Release
- Develop Civil Cell(s)
- SUE/SUDA
- Configure Survey Project Settings
- Integrate Survey Feature Definitions
- Configure the GEOPAK Heads-up Menus

## THEN WHAT

- SUE / SUDA
- Civil Cells
- Render / Animation
- Clip, Zip, Ship
- As-Built Integration



# ELECTRONIC PLAN REVIEW

## CURRENT ELECTRONIC REVIEW PROCESS

- Process Developed in 2005
- Immediate reduction in paper cost/waste
- Quicker review times / Reports
  
- Adobe Acrobat (multiple versions)
- Adobe Reader
- WebDAV server
- Excludes everyone external firewall
- No tracking
- File management

# NEBRASKA USER GROUP 2016

## NEUG 2016 CONFERENCE

March 9 – 10

Cornhusker Hotel, Lincoln, NE

- Request for Presentations!!!
- Engineering Track

## FUTURE

- Consolidating managed workspace
- New Aerial / LiDAR – Spring 2016
- SS4 Release
- SUE / SUDA
- Civil Cells
- OpenRoads Navigator ??
- GIS Meta data into MicroStation
- Improve Data Lifecycle

## QUESTIONS

## CONTACT INFORMATION

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