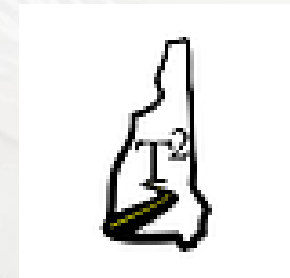


SADES

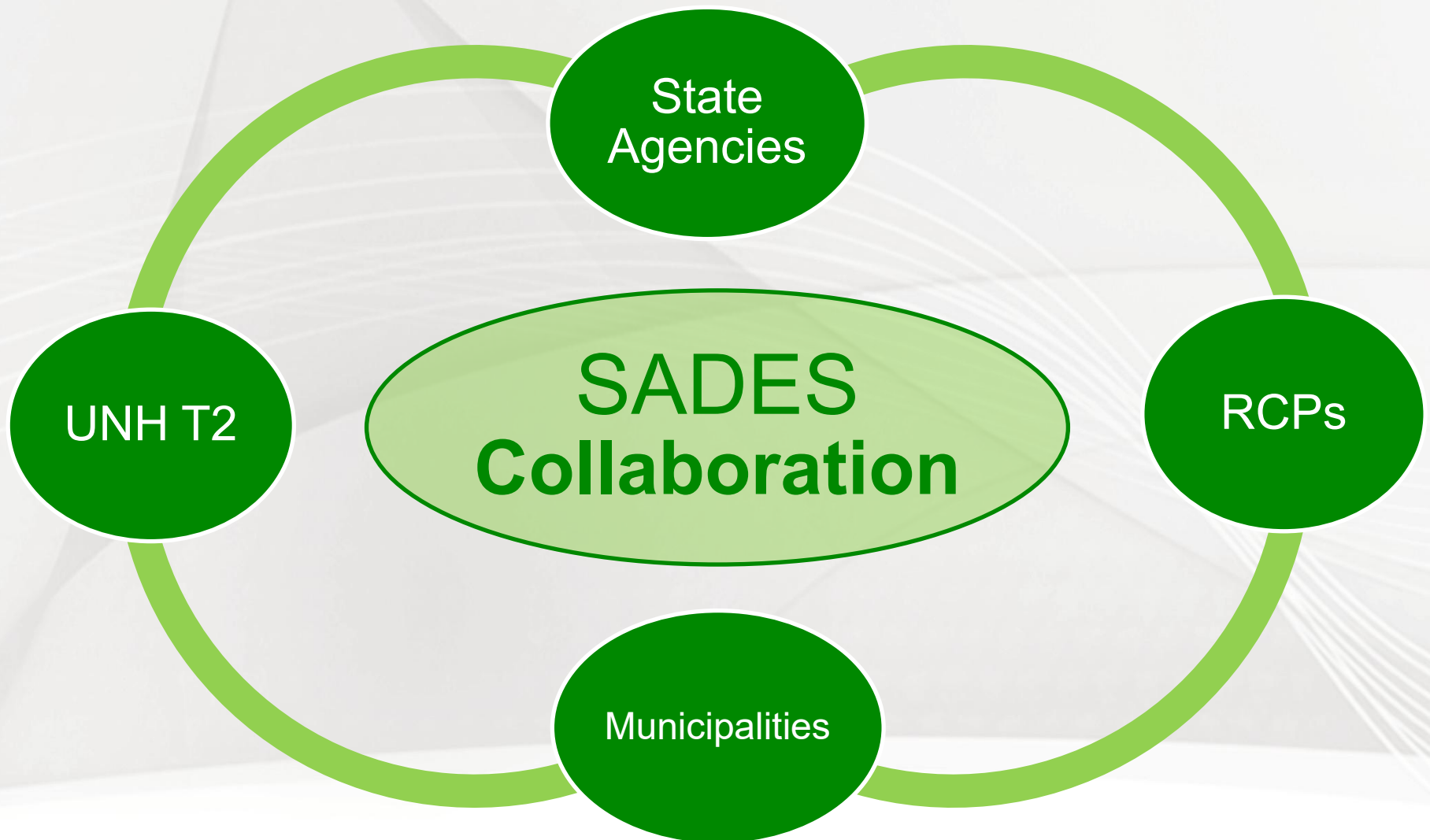
Statewide Asset Data Exchange Service



Statewide **A**sset **D**ata **E**xchange **S**ystem

SADES is a cloud based solution to effectively and uniformly collect critical infrastructure data on a statewide level that provides specifications, methods, training, and data exchange services for all stakeholders.

Statewide **A**sset **D**ata **E**xchange **S**ystem



Statewide Asset Data Exchange System

Current SADES Initiatives

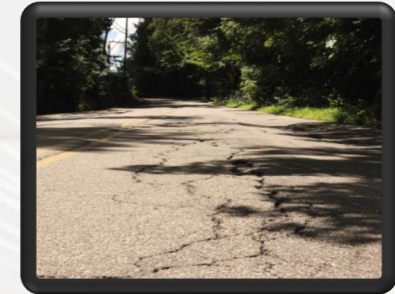
Stream Crossing



Guardrail



RSMS



ADA Facilities

- Sidewalks
- Crosswalks
- Curb Ramps
- Ped Signals



Culverts and Closed
Drainage Systems
(CCDS)

Statewide **Asset Data Exchange System**

Commonality

Common needs among all agencies include:

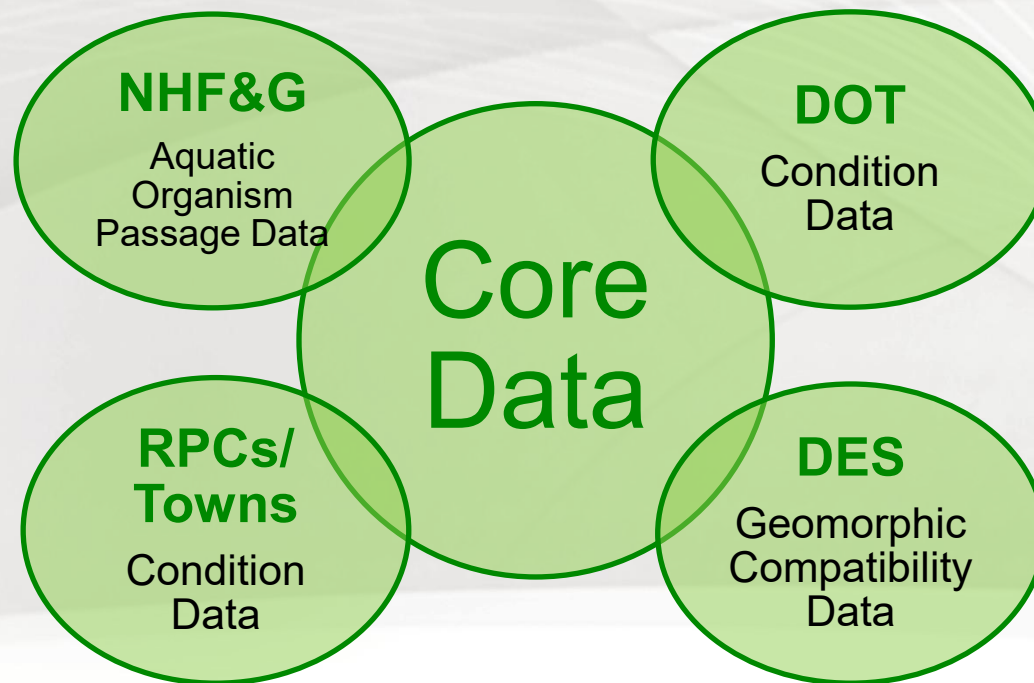
- **Core inventory data: location and condition at a minimum**
- **Standards: uniform collection, specifications, classroom and field training**
- **Increased efficiencies: workflow, data structure, sharing strategy and repository via cloud storage**

Statewide Asset Data Exchange System

Commonality

Core Inventory Data

SADES Stream Crossing

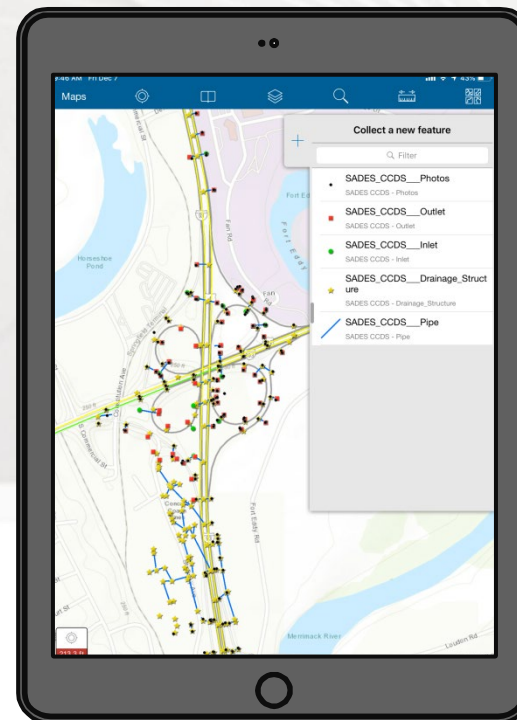
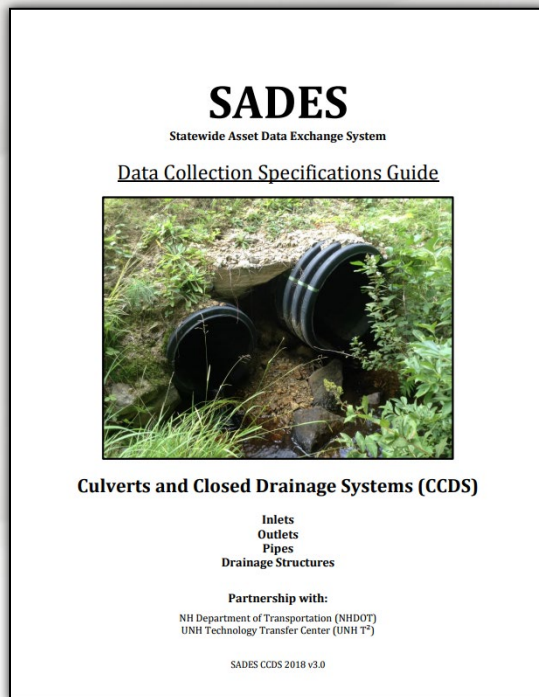


Statewide Asset Data Exchange System

Commonality

Standards

- **SADES provides a common set of collection and training standards. This ensures that data collected throughout the state is comparable and to the same specifications.**

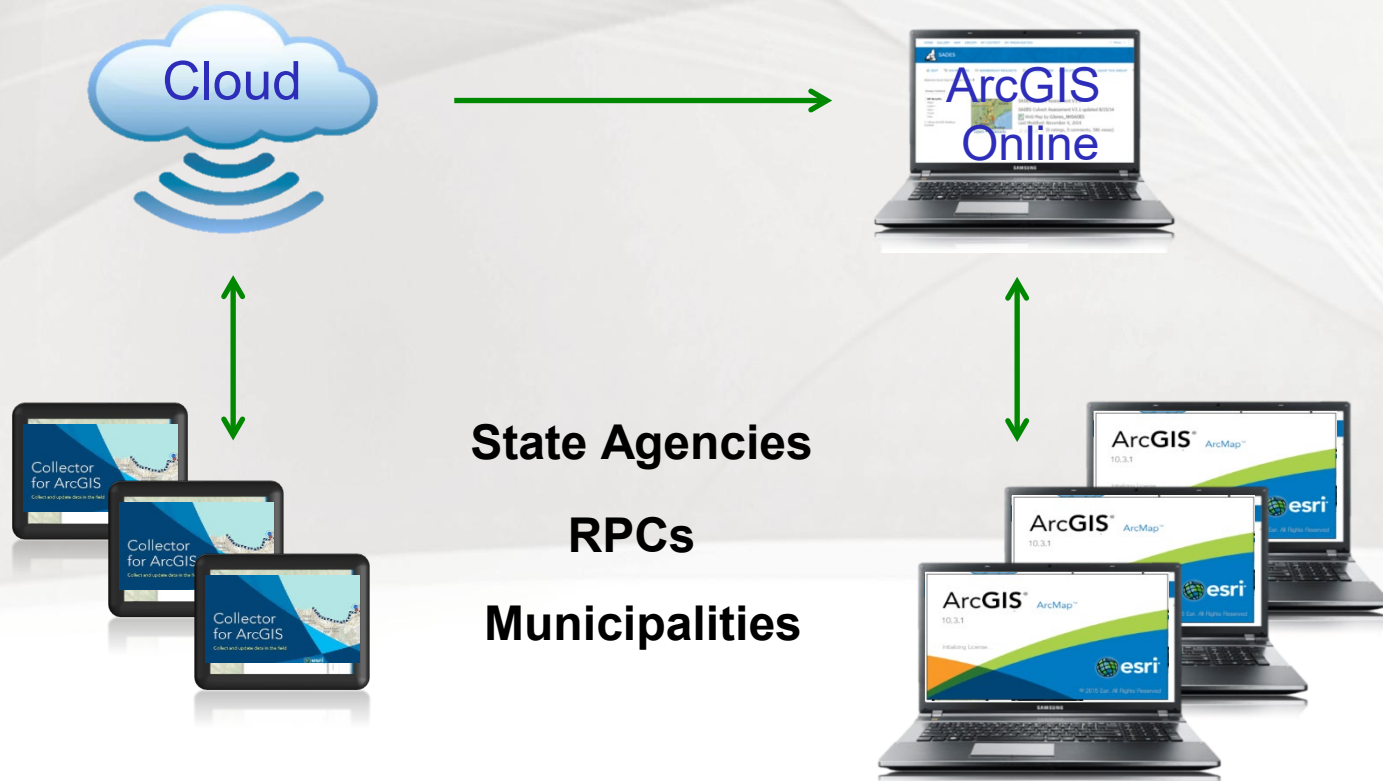


Statewide Asset Data Exchange System

Commonality

Work Efficiencies

- SADES assists all partners in reaching a common data collection goal. SADES reduces duplication of efforts and assists in the sharing of collection resources.



Statewide Asset Data Exchange System

Commonality

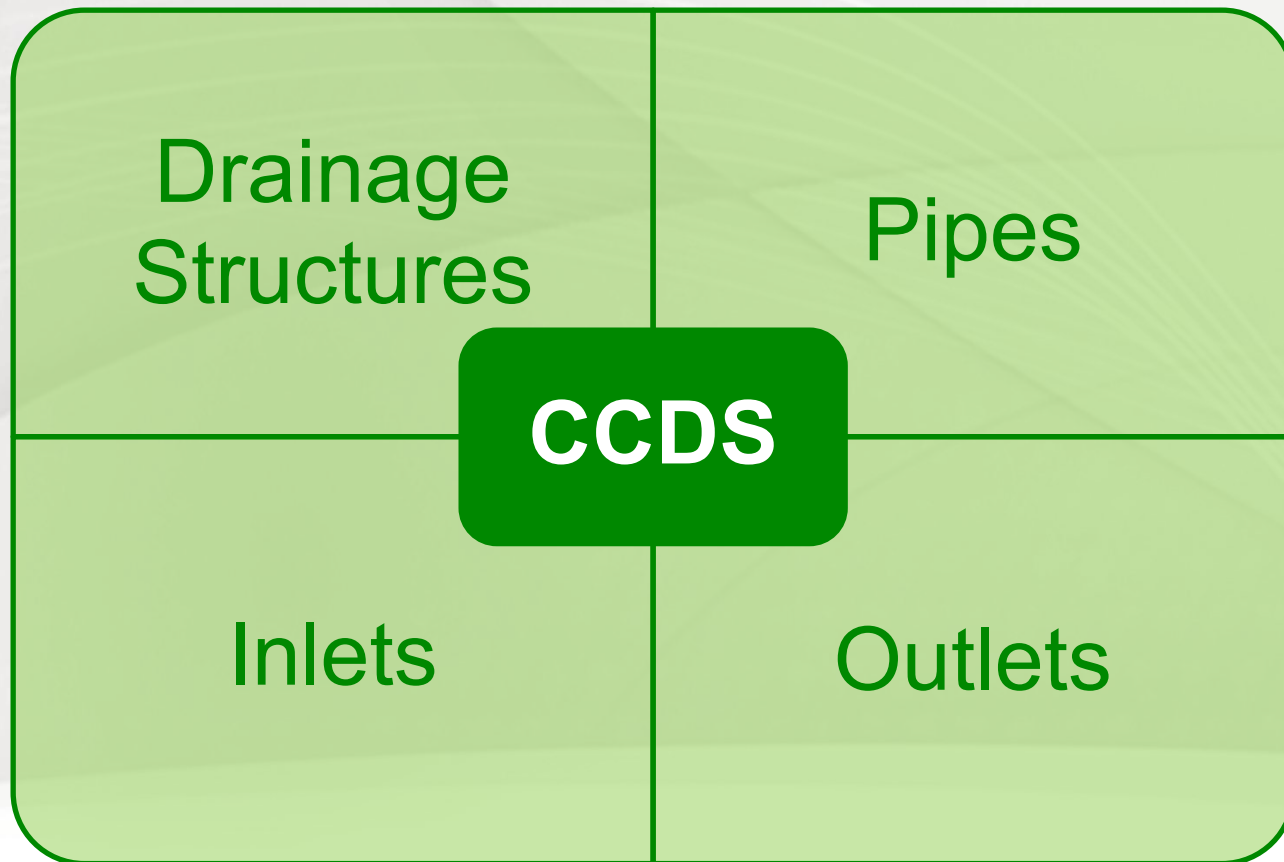
Common Repository

- SADES provides a central cloud repository where all asset data is stored and accessible to all partners at any time. Data is no longer stored on individual storage devices.



Statewide Asset Data Exchange System

Culverts and Closed Drainage Systems



Statewide Asset Data Exchange System

Culverts and Closed Drainage Systems

Pipe

Name	Virtual	Type
▶ OBJECTID	<input type="checkbox"/>	INTEGER
PRIMARY_ID	<input type="checkbox"/>	NUMBER(10)
SADES_ID	<input type="checkbox"/>	NUMBER(10)
INSPECTOR_NAME	<input type="checkbox"/>	NVARCHAR2(255)
DATE_INSPECTED	<input type="checkbox"/>	DATE
PIPE_SHAPE	<input type="checkbox"/>	NVARCHAR2(255)
DIMENSION_A_IN	<input type="checkbox"/>	NUMBER(10)
DIMENSION_B_IN	<input type="checkbox"/>	NUMBER(10)
DIMENSION_C_IN	<input type="checkbox"/>	NUMBER(10)
DIMENSION_D_IN	<input type="checkbox"/>	NUMBER(10)
MATERIAL_TYPE	<input type="checkbox"/>	NVARCHAR2(255)
CONDITION	<input type="checkbox"/>	NVARCHAR2(255)
NEEDS_MAINTENANCE	<input type="checkbox"/>	NVARCHAR2(255)
CONNECTS_TO_OTHER_SYSTEM	<input type="checkbox"/>	NVARCHAR2(255)
INSPECTOR_COMMENT	<input type="checkbox"/>	NVARCHAR2(1000)
CREATED_USER	<input type="checkbox"/>	NVARCHAR2(255)
CREATED_DATE	<input type="checkbox"/>	DATE
LAST_EDITED_USER	<input type="checkbox"/>	NVARCHAR2(255)
LAST_EDITED_DATE	<input type="checkbox"/>	DATE
PROJECT_NUMBER	<input type="checkbox"/>	NVARCHAR2(100)
DATE_INSTALLED	<input type="checkbox"/>	DATE
ARCHIVE_DATE	<input type="checkbox"/>	DATE
TOWN_NAME	<input type="checkbox"/>	NVARCHAR2(50)
RETIRED_DATE	<input type="checkbox"/>	DATE
STREAM_NAME	<input type="checkbox"/>	NVARCHAR2(255)
COUNTY_NAME	<input type="checkbox"/>	NVARCHAR2(50)
DISTRICT	<input type="checkbox"/>	NVARCHAR2(10)
SHED	<input type="checkbox"/>	NVARCHAR2(10)
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HIORDER_SRI	<input type="checkbox"/>	NVARCHAR2(10)
TIER	<input type="checkbox"/>	NUMBER(5)
MP	<input type="checkbox"/>	NUMBER(38,8)
NUM_LANES	<input type="checkbox"/>	NUMBER(5)
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AADT_CURR_YEAR	<input type="checkbox"/>	NUMBER(4)
DRAINAGE_SYSTEM_ID	<input type="checkbox"/>	NUMBER(10)
HEIGHT_OF_FILL	<input type="checkbox"/>	NVARCHAR2(50)
REHABILITATED_PIPE	<input type="checkbox"/>	NVARCHAR2(50)
REHABILITATED_DATE	<input type="checkbox"/>	DATE
SHAPE	<input type="checkbox"/>	SDE.ST_GEOMETRY

Outlet

Name	Virtual	Type
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DATE_INSPECTED	<input type="checkbox"/>	DATE
END_TREATMENT_TYPE	<input type="checkbox"/>	NVARCHAR2(255)
MATERIAL_TYPE	<input type="checkbox"/>	NVARCHAR2(255)
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DATE_INSTALLED	<input type="checkbox"/>	DATE
ARCHIVE_DATE	<input type="checkbox"/>	DATE
TOWN_NAME	<input type="checkbox"/>	NVARCHAR2(50)
RETIRED_DATE	<input type="checkbox"/>	DATE
STREAM_NAME	<input type="checkbox"/>	NVARCHAR2(255)
DRAINAGE_SYSTEM_ID	<input type="checkbox"/>	NUMBER(10)
COUNTY_NAME	<input type="checkbox"/>	NVARCHAR2(50)
DISTRICT	<input type="checkbox"/>	NVARCHAR2(10)
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EXEC_COUNCIL_NAME	<input type="checkbox"/>	NVARCHAR2(40)
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Inlet

Name	Virtual	Type
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DATE_INSPECTED	<input type="checkbox"/>	DATE
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TOWN_NAME	<input type="checkbox"/>	NVARCHAR2(50)
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COUNTY_NAME	<input type="checkbox"/>	NVARCHAR2(50)
DISTRICT	<input type="checkbox"/>	NVARCHAR2(10)
SHED	<input type="checkbox"/>	NVARCHAR2(10)
EXEC_COUNCIL_NAME	<input type="checkbox"/>	NVARCHAR2(40)
SHAPE	<input type="checkbox"/>	SDE.ST_GEOMETRY

Drainage Structure

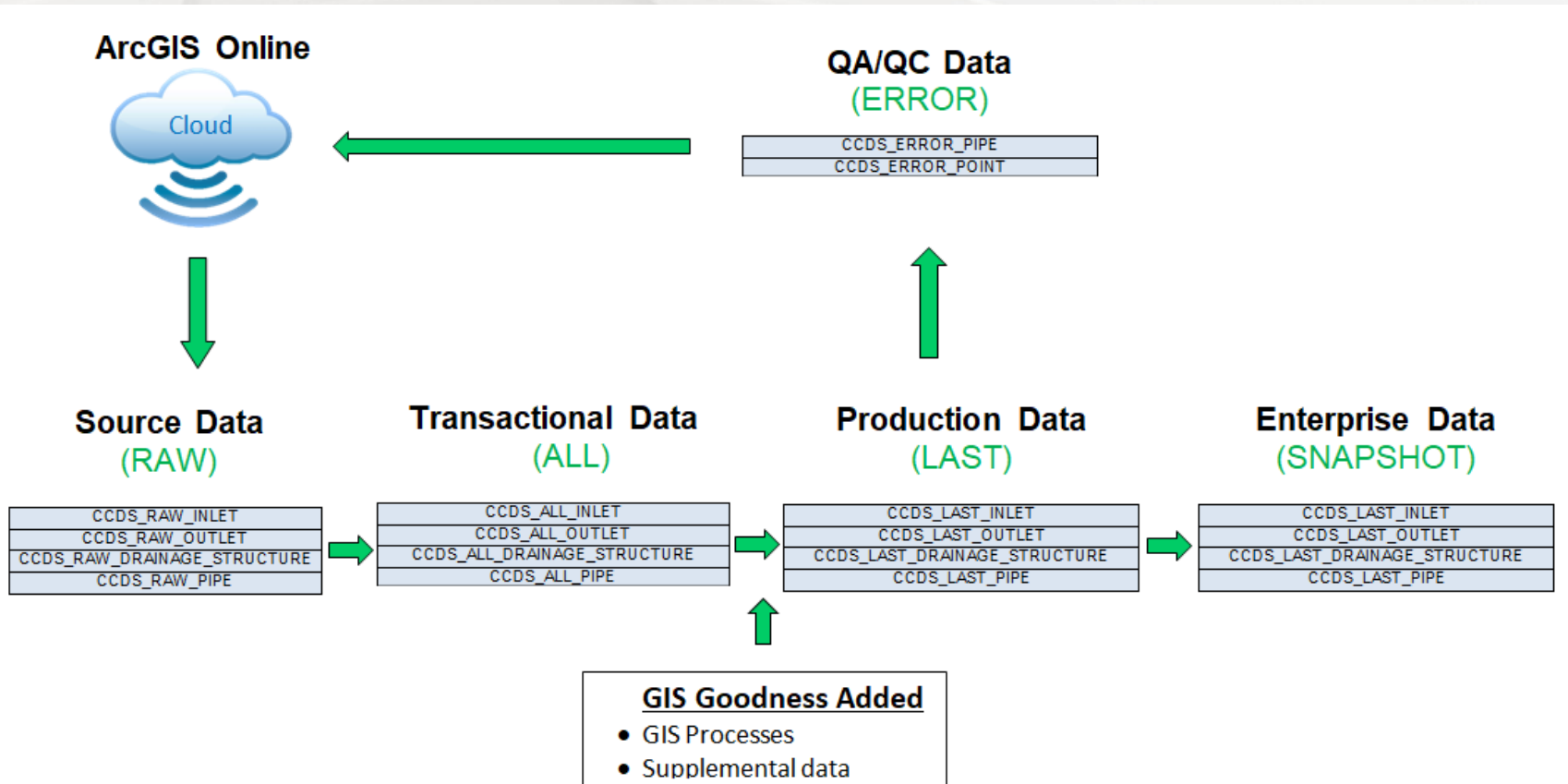
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SADES_ID	<input type="checkbox"/>	NUMBER(10)
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DATE_INSPECTED	<input type="checkbox"/>	DATE
DRAINAGE_STRUCTURE_TYPE	<input type="checkbox"/>	NVARCHAR2(255)
MATERIAL_TYPE	<input type="checkbox"/>	NVARCHAR2(255)
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NEEDS_MAINTENANCE	<input type="checkbox"/>	NVARCHAR2(255)
CONNECTS_TO_OTHER_SYSTEM	<input type="checkbox"/>	NVARCHAR2(255)
INSPECTOR_COMMENT	<input type="checkbox"/>	NVARCHAR2(1000)
CREATED_USER	<input type="checkbox"/>	NVARCHAR2(255)
CREATED_DATE	<input type="checkbox"/>	DATE
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PROJECT_NUMBER	<input type="checkbox"/>	NVARCHAR2(100)
DATE_INSTALLED	<input type="checkbox"/>	DATE
ARCHIVE_DATE	<input type="checkbox"/>	DATE
TOWN_NAME	<input type="checkbox"/>	NVARCHAR2(50)
RETIRED_DATE	<input type="checkbox"/>	DATE
STREAM_NAME	<input type="checkbox"/>	NVARCHAR2(255)
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EXEC_COUNCIL_NAME	<input type="checkbox"/>	NVARCHAR2(40)
SHAPE	<input type="checkbox"/>	SDE.ST_GEOMETRY

Data table structure for SADES CCDS assets (LAST)

- **SADES_ID**
- **Editor Tracking fields**
- **Goodness**

Statewide Asset Data Exchange System

CCDS Data Flow Process



SADES

Statewide Asset Data Exchange Service

Questions

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