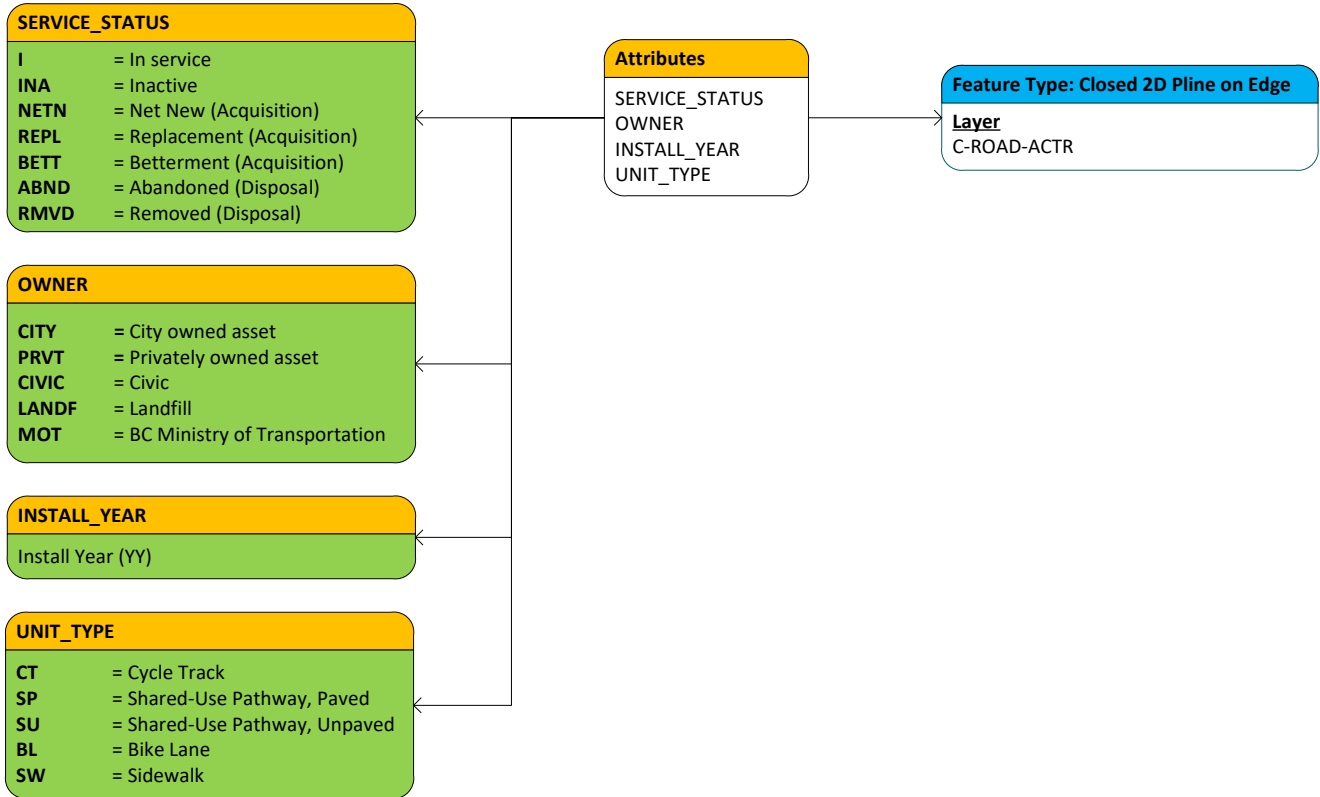


# Object Data Table – ACTR (Active Transportation)



SUBJECT:	Attribution and Feature Representation
SOURCE:	City of Kelowna GIS Department
REVISION DATE:	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity



**Cycle Track** – Bike lane with physical separation from road (barrier, fence etc.)

**Shared Use Pathway** – Path for pedestrian and bicycles

**Bike Lane** – Bike lane separated from lane with pavement marking

**Sidewalk** – Adjacent to Road

# Object Data Table – BRTU (Bridge or Tunnel)



SUBJECT:	Attribution and Feature Representation
SOURCE:	City of Kelowna GIS Department
REVISION DATE:	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

SERVICE_STATUS	
I	= In service
INA	= Inactive
NETN	= Net New (Acquisition)
REPL	= Replacement (Acquisition)
BETT	= Betterment (Acquisition)
ABND	= Abandoned (Disposal)
RMVD	= Removed (Disposal)

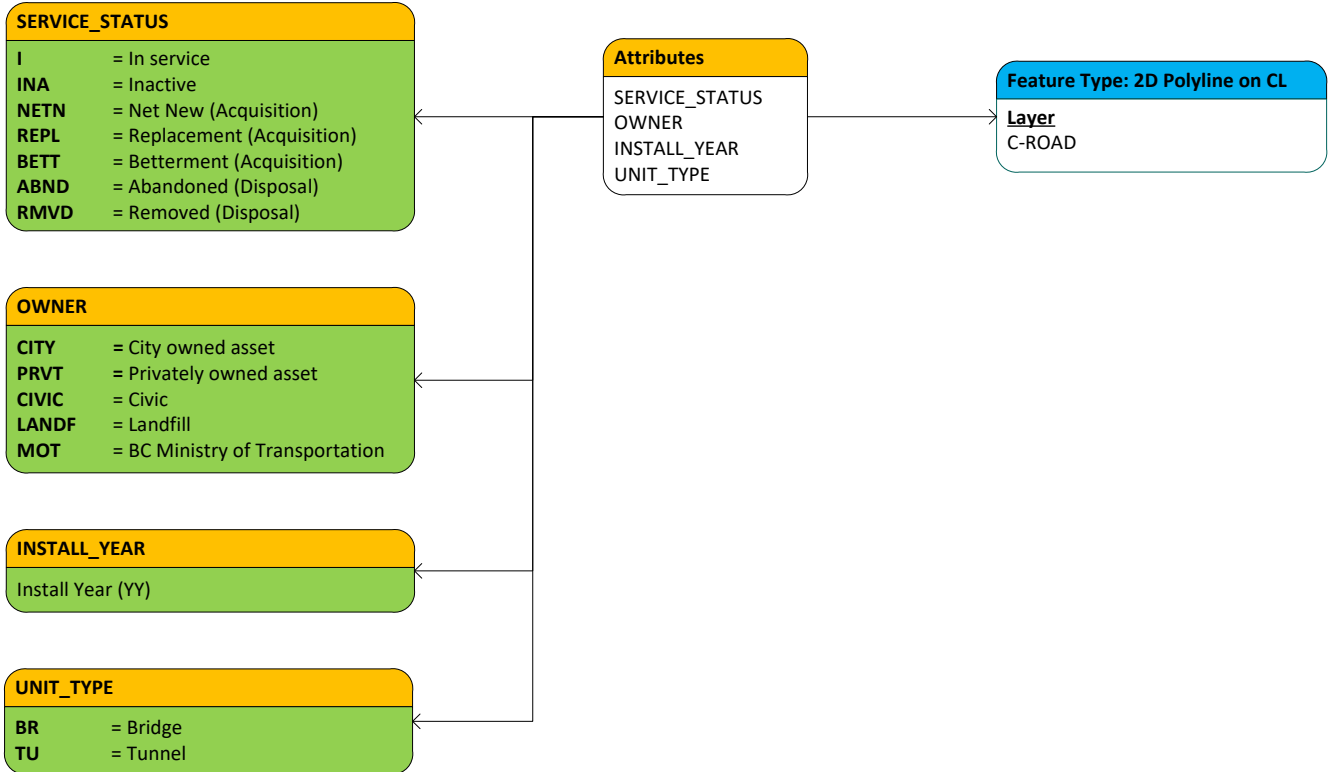
OWNER	
CITY	= City owned asset
PRVT	= Privately owned asset
CIVIC	= Civic
LANDF	= Landfill
MOT	= BC Ministry of Transportation

INSTALL_YEAR
Install Year (YY)

UNIT_TYPE	
BR	= Bridge
TU	= Tunnel

Attributes
SERVICE_STATUS
OWNER
INSTALL_YEAR
UNIT_TYPE

Feature Type: 2D Polyline on CL
<u>Layer</u>
C-ROAD



# Object Data Table – CBAS (Catch Basin, Inlet Structures)



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

**SERVICE\_STATUS**

- I** = In service
- INA** = Inactive
- NETN** = Net New (Acquisition)
- REPL** = Replacement (Acquisition)
- BETT** = Betterment (Acquisition)
- ABND** = Abandoned (Disposal)
- RMVD** = Removed (Disposal)

**OWNER**

- CITY** = City owned asset
- PRVT** = Privately owned asset
- CIVIC** = Civic
- LANDF** = Landfill

**INSTALL\_YEAR**

Install Year (YY)

**UNIT\_TYPE (CB Only)**

- ST** = Standard (Connect via Lead)
- RM** = Remote (Connect via Sump)

**SUMP\_ELEV**

Sump Elevation (m, 0.00)

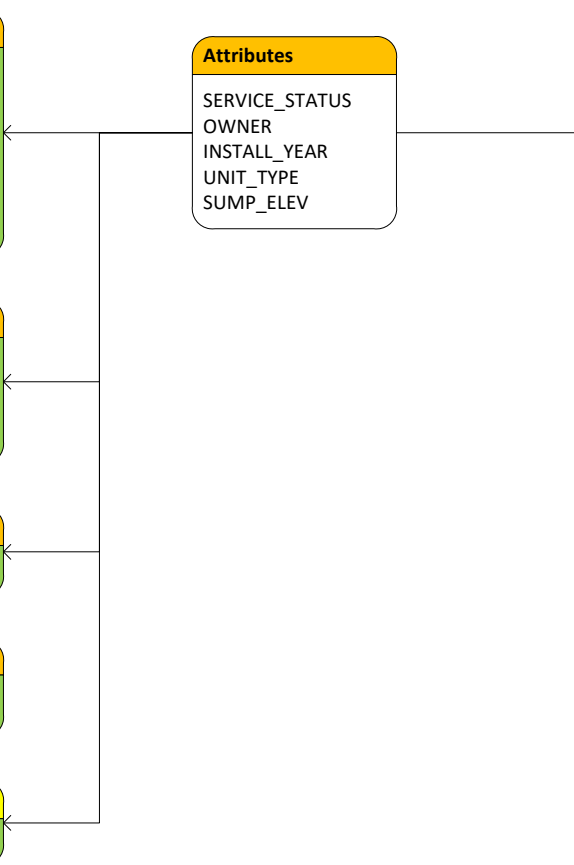
**Attributes**

- SERVICE\_STATUS
- OWNER
- INSTALL\_YEAR
- UNIT\_TYPE
- SUMP\_ELEV

**Feature Type: C3D Structure**

**Object Name (Layer)**  
 CB# (\_C3D-STRC-PRStm#)  
 CBS# (\_C3D-STRC-PRStm#)

**Style Name**  
 PR Stm CB Side Inlt (Plan Prof Sect)  
 PR Stm CB Top Inlt (Plan Prof Sect)  
 PR Stm CB Sump (Plan Prof Sect)



# Object Data Table – DRAN



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

SERVICE_STATUS	
<b>I</b>	= In service
<b>INA</b>	= Inactive
<b>NETN</b>	= Net New (Acquisition)
<b>REPL</b>	= Replacement (Acquisition)
<b>BETT</b>	= Betterment (Acquisition)
<b>ABND</b>	= Abandoned (Disposal)
<b>RMVD</b>	= Removed (Disposal)

OWNER	
<b>CITY</b>	= City owned asset
<b>PRVT</b>	= Privately owned asset
<b>CIVIC</b>	= Civic
<b>LANDF</b>	= Landfill

INSTALL_YEAR
Install Year (YY)

UNIT_TYPE (ACAD Point)
<b>CS</b> = Control Structure

BOTTOM_ELEV (Detention Pond/Tank)
Bottom Elevation m (0.00)

CONTROL_TYPE (Detention Pond/Tank)
<b>CM</b> = Control Manhole
<b>OW</b> = Overflow Weir
<b>PS</b> = Pipe Size (mm)
<b>NO</b> = None

TANK_MATERIAL (Detention Tank)
<b>PVC</b> = Polyvinyl Chloride
<b>CONC</b> = Concrete
<b>HDPE</b> = High Density Polyethylene
<b>CMP</b> = Corrugated Metal Pipe
<b>OT</b> = Other

TANK_TYPE (Detention Tank)
<b>PI</b> = Pipe
<b>BV</b> = Box/Vault
<b>AT</b> = Atlantis
<b>BR</b> = Brentwood
<b>CC</b> = Concrete
<b>OT</b> = Other

Attributes
SERVICE_STATUS
OWNER
INSTALL_YEAR
UNIT_TYPE
BOTTOM_ELEV
CONTROL_TYPE
TANK_MATERIAL
TANK_TYPE
FLOW
DITCH MATERIAL

FLOW (Ditch Only)
<b>DR</b> = Dry
<b>ST</b> = Standing
<b>RU</b> = Running
<b>SR</b> = Seasonal Running

DITCH_MATERIAL
<b>AG</b> = Aggregate
<b>AR</b> = Armoured / Rock Lined
<b>GLM</b> = Grass/Landscape (Maintained)
<b>GLN</b> = Grass/Landscape (Natural)

Feature Type: ACAD Point
Control Type
<b>Layer</b>
C-DRAN-STRC

Feature Type: ACAD Pline
Detention Pond
<b>Layer</b>
C-DRAN-WDBY-POND
Detention Tank
<b>Layer</b>
C-DRAN-WDBY-TANK

Feature Type: ACAD Pline
Ditch
<b>Layer</b>
C-DRAN-DTCH

Feature Type: ACAD Block
<b>Block Name (Layer)</b>
PR Stm Pump Sta (C-DRAN-STRC)
PR Stm Vlv Sys (C-DRAN-STRC)
PR Stm Stub (C-DRAN-STRC)

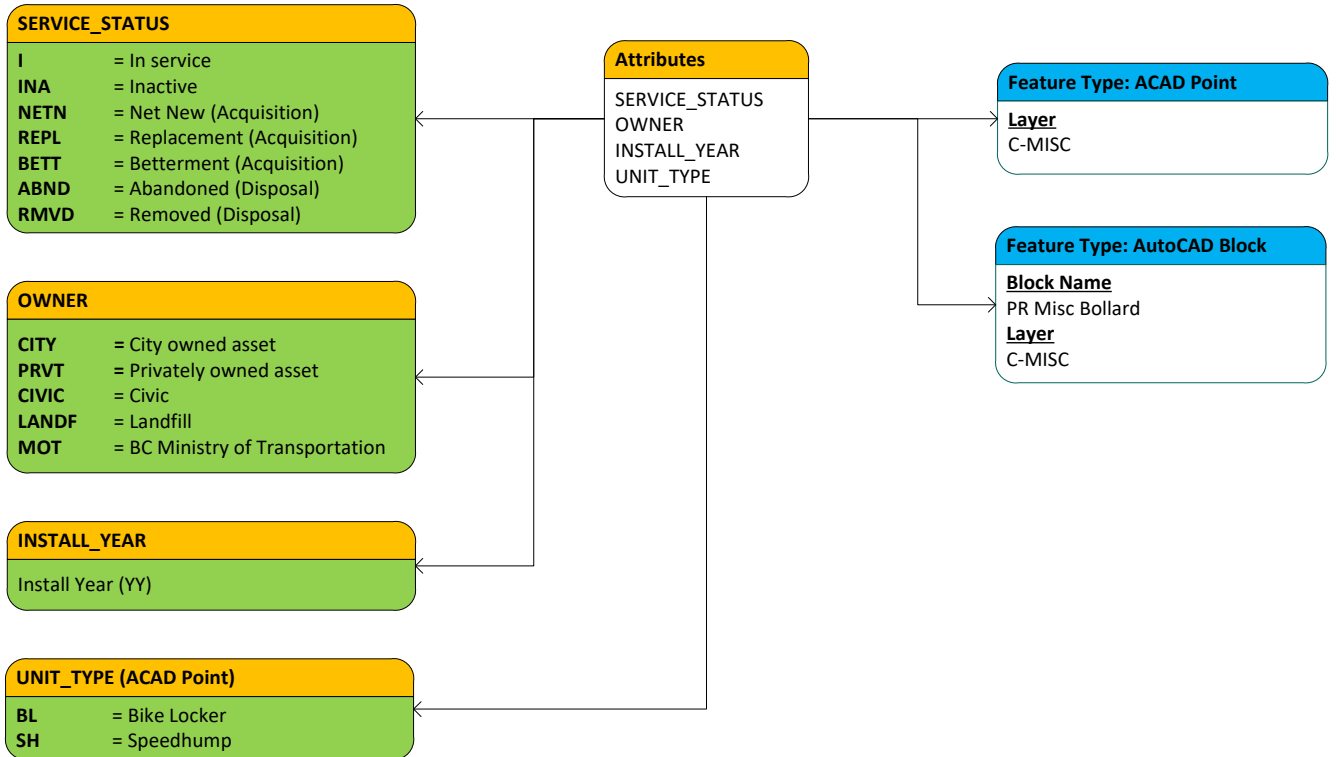
Feature Type: C3D Structure
<b>Style Name</b>
PR Stm Discharge (Plan)
<b>Object Name (Layer)</b>
DO# (C3D-STRC-PRStm#)
<b>Style Name</b>
PR Stm Cap (Plan)
<b>Object Name (Layer)</b>
DCAP# (C3D-STRC-PRStm#)
<b>Style Name</b>
PR Stm Hwall (Plan)
<b>Object Name (Layer)</b>
DHW# (C3D-STRC-PRStm#)

# Object Data Table – FURN (Road Furniture)



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity



# Object Data Table – LEAD (Catch Basins, Hydrants, Water Leads)



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

**SERVICE\_STATUS**

- I** = In service
- INA** = Inactive
- NETN** = Net New (Acquisition)
- REPL** = Replacement (Acquisition)
- BETT** = Betterment (Acquisition)
- ABND** = Abandoned (Disposal)
- RMVD** = Removed (Disposal)

**OWNER**

- CITY** = City owned asset
- PRVT** = Privately owned asset
- CIVIC** = Civic
- LANDF** = Landfill

**INSTALL\_YEAR**

Install Year (YY)

**POTABLE (Water Only)**

- POTABLE
- NON-POTABLE

**MATERIAL**

- CONC** = Concrete Pipe
- PVC** = Polyvinyl Chloride
- HDPE** = HD Polyethylene Chloride

**LENGTH**

Length (m, 0.00)

**DIA**

Diameter (mm)

**INV\_ELEV\_DOWN (CB Lead Only)**

Invert Elevation (m,0.00)

**INV\_ELEV\_UP (CB Lead Only)**

Invert Elevation (m,0.00)

**Attributes**

- SERVICE\_STATUS
- OWNER
- INSTALL\_YEAR
- POTABLE
- MATERIAL
- LENGTH
- DIA
- INV\_ELEV\_DOWN
- INV\_ELEV\_UP

**Feature Type: C3D Gravity Pipe**

**Style Name**

- PR Stm CB Lead (Plan Prof Sect)
- PR Wat Hyd Lead (Plan Prof Sect)
- PR Wat Lead (Plan Prof Sect)\*

**Pipe Name (Layer)**

- DL# (\_C3D-PIPE-PRStm#)
- FHL# (\_C3D-PIPE-PRWat#)
- WL# (\_C3D-PIPE-PRWat#)



\* Lead to air valve, blowoff valve

Civil 3D pipes start invert is INV\_ELEV\_UP and end invert is INV\_ELEV\_DOWN

# Object Data Table – MEDN (Median)



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

-  Object Data Table
-  C3D Object / ACAD Entity

**SERVICE\_STATUS**

- I** = In service
- INA** = Inactive
- NETN** = Net New (Acquisition)
- REPL** = Replacement (Acquisition)
- BETT** = Betterment (Acquisition)
- ABND** = Abandoned (Disposal)
- RMVD** = Removed (Disposal)

**OWNER**

- CITY** = City owned asset
- PRVT** = Privately owned asset
- CIVIC** = Civic
- LANDF** = Landfill
- MOT** = BC Ministry of Transportation

**INSTALL\_YEAR**

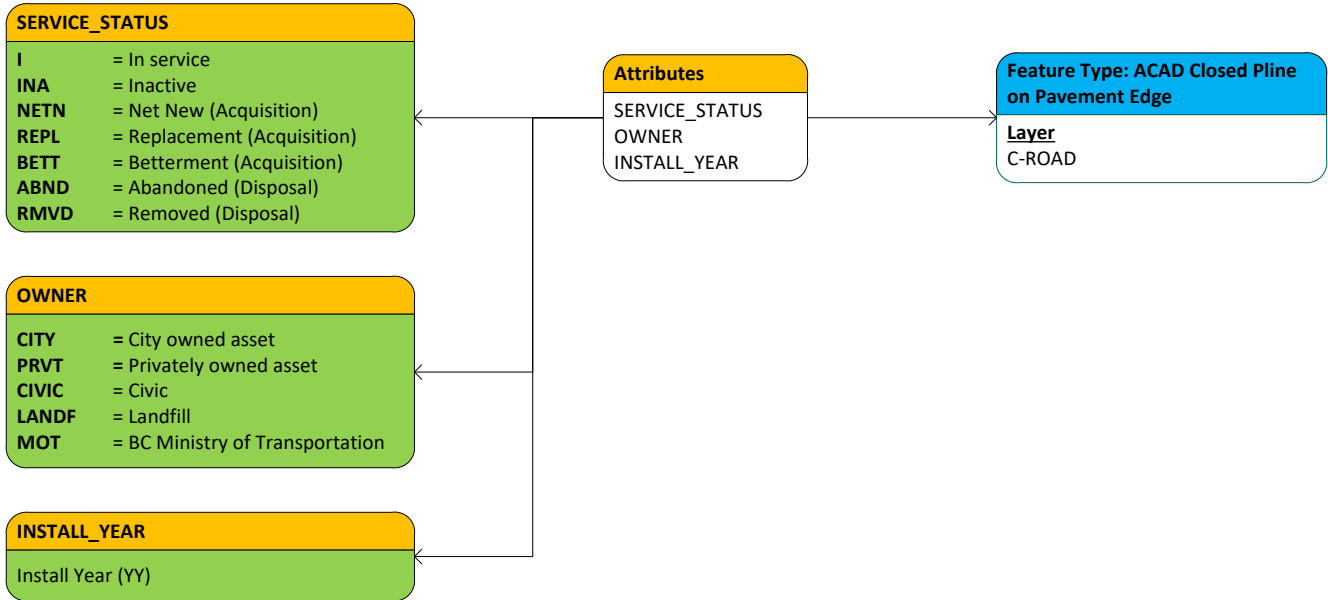
Install Year (YY)

**Attributes**

- SERVICE\_STATUS
- OWNER
- INSTALL\_YEAR

**Feature Type: ACAD Closed Pline on Pavement Edge**

Layer  
C-ROAD



# Object Data Table – MHOL (Manhole)



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

## Storm and Sanitary Manholes, Dry Wells and Cleanouts

**SERVICE\_STATUS**

- I** = In service
- INA** = Inactive
- NETN** = Net New (Acquisition)
- REPL** = Replacement (Acquisition)
- BETT** = Betterment (Acquisition)
- ABND** = Abandoned (Disposal)
- RMVD** = Removed (Disposal)

**OWNER**

- CITY** = City owned asset
- PRVT** = Privately owned asset
- CIVIC** = Civic
- LANDF** = Landfill

**INSTALL\_YEAR**

Install Year (YY)

**COVER\_TYPE (MH Only)**

- S** = Standard
- L** = Locked / Secured

**SUMP\_ELEV (Storm Dry Well Only)**

SUMP ELEVATION m (0.00)

**DIA (Storm Dry Well Only)**

INNER STRUCTURE DIAMETER (mm)

**Attributes**

SERVICE\_STATUS  
OWNER  
INSTALL\_YEAR  
COVER\_TYPE  
SUMP\_ELEV  
DIA

**Feature Type: C3D Structure**

**Style Name**  
 PR Stm MH (Plan Prof Sect)  
 PR Stm MH Pipe Otln (Plan Prof Sect)  
 PR Stm MH Clean (Plan Prof Sect)  
 PR Stm DW (Plan Prof Sect)  
 PR San MH (Plan Prof Sect)  
 PR San MH Pipe Otln (Plan Prof Sect)  
 PR San MH Clean (Plan Prof Sect)

**Object Name (Layer)**  
 DMH# (C3D-STRC-PRStm#)  
 DCO# (C3D-STRC-PRStm#)  
 DW# (C3D-STRC-PRStm#)  
 SMH# (C3D-STRC-PRSan#)  
 SCO# (C3D-STRC-PRSan#)

- Storm Manholes**  
 PR Stm MH (Plan Prof Sect)  
 PR Stm MH Pipe Otln (Plan Prof Sect)
- Storm Cleanout**  
 PR Stm MH Clean (Plan Prof Sect)
- Storm Drywell**  
 PR Stm DW (Plan Prof Sect)
- Sanitary Manhole**  
 PR San MH (Plan Prof Sect)  
 PR San MH Pipe Otln (Plan Prof Sect)
- Sanitary Cleanout**  
 PR San MH Clean (Plan Prof Sect)

# Object Data Table – PIPE (Pipe Main, Culvert)



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

SERVICE_STATUS	
<b>I</b>	= In service
<b>INA</b>	= Inactive
<b>NETN</b>	= Net New (Acquisition)
<b>REPL</b>	= Replacement (Acquisition)
<b>BETT</b>	= Betterment (Acquisition)
<b>ABND</b>	= Abandoned (Disposal)
<b>RMVD</b>	= Removed (Disposal)

OWNER	
<b>CITY</b>	= City owned asset
<b>PRVT</b>	= Privately owned asset
<b>CIVIC</b>	= Civic
<b>LANDF</b>	= Landfill

INSTALL_YEAR
Install Year (YY)

FLOW (Culvert Only)	
<b>DR</b>	= Dry
<b>ST</b>	= Standing
<b>RU</b>	= Running
<b>SR</b>	= Seasonal Running

POTABLE (Watermain only)	
<b>POTABLE</b>	
<b>NON-POTABLE</b>	

LENGTH
LENGTH (m, 0.00)

SLOPE (Not required for watermain)
SLOPE (% , 0.00)

MATERIAL	
<b>CONC</b>	= Concrete Pipe
<b>PVC</b>	= Polyvinyl Chloride
<b>HDPE</b>	= HD Polyethylene Chloride
<b>CMP</b>	= Corrugated Metal Pipe
<b>RIBPVC</b>	= Ribbed PVC
<b>PERFPVC</b>	= Perforated PVC
<b>RIBPERFPVC</b>	= Ribbed Perforated PVC

INV_ELEV_DOWN (Not required for water)
Invert Elevation m (0.00)

INV_ELEV_UP (Not required for water)
Invert Elevation m (0.00)

DIA
Diameter (mm)

Attributes
SERVICE_STATUS
OWNER
INSTALL_YEAR
FLOW
POTABLE
LENGTH
SLOPE
MATERIAL
DIA
INV_ELEV_DOWN
INV_ELEV_UP

Feature Type: C3D Gravity Pipe
<b>Pipe Name (Layer)</b>
SP# (_C3D-PIPE-PRSan#)
DP# (_C3D-PIPE-PRStm#)
CUL# (_C3D-PIPE-PRCulv#)
<b>Style Name</b>
PR San (Plan Prof Sect)
PR San Force (Plan Prof Sect)
PR Stm (Plan Prof Sect)
PR Stm Force (Plan Prof Sect)
PR Stm Culv (Plan Prof Sect)

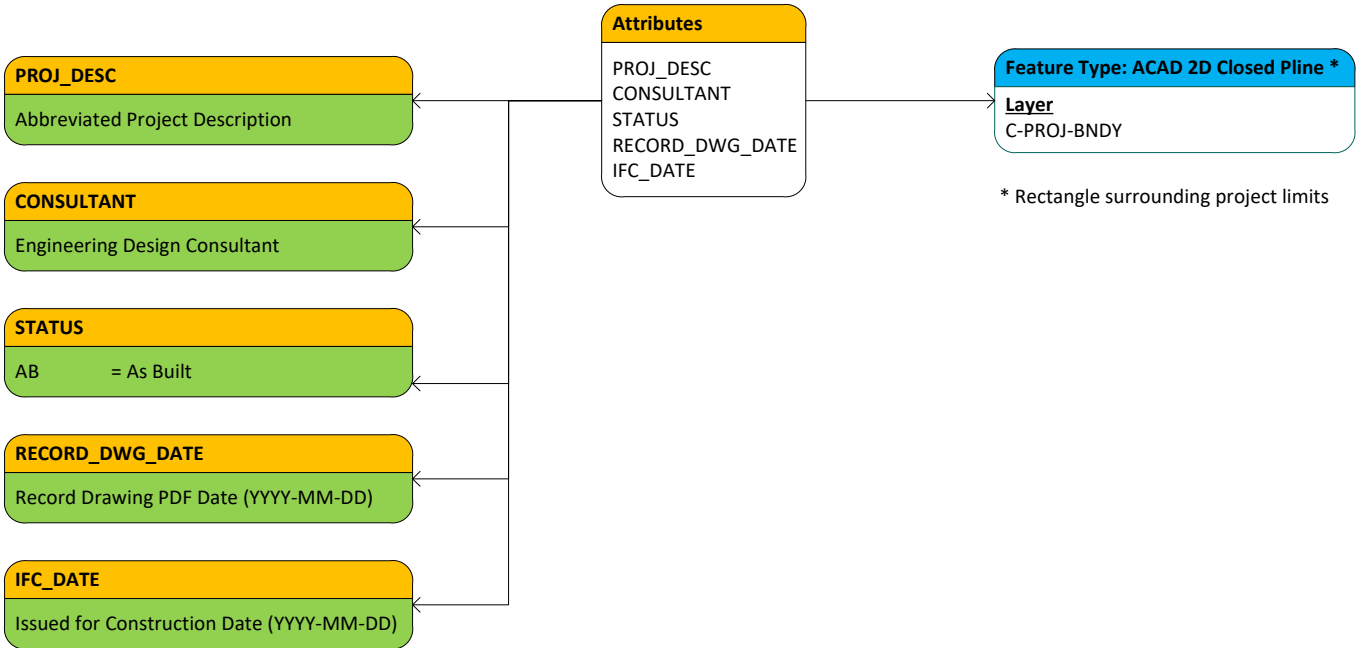
Feature Type: C3D Gravity Pipe
<b>Pipe Name (Layer)</b>
WP# (_C3D-PIPE-PRWat#)
<b>Style Name</b>
PR Wat (Plan Prof Sect)

# Object Data Table – PROJ



SUBJECT:	Attribution and Feature Representation
SOURCE:	City of Kelowna GIS Department
REVISION DATE:	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity



# Object Data Table – SRVC



SUBJECT:	Attribution and Feature Representation
SOURCE:	City of Kelowna GIS Department
REVISION DATE:	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

**SERVICE\_STATUS**

- I = In service
- INA = Inactive
- NETN = Net New (Acquisition)
- REPL = Replacement (Acquisition)
- BETT = Betterment (Acquisition)
- ABND = Abandoned (Disposal)
- RMVD = Removed (Disposal)

**OWNER**

- CITY = City owned asset
- PRVT = Privately owned asset
- CIVIC = Civic
- LANDF = Landfill

**INSTALL\_YEAR**

Install Year (YY)

**POTABLE (Water Service Only)**

- POTABLE
- NON-POTABLE

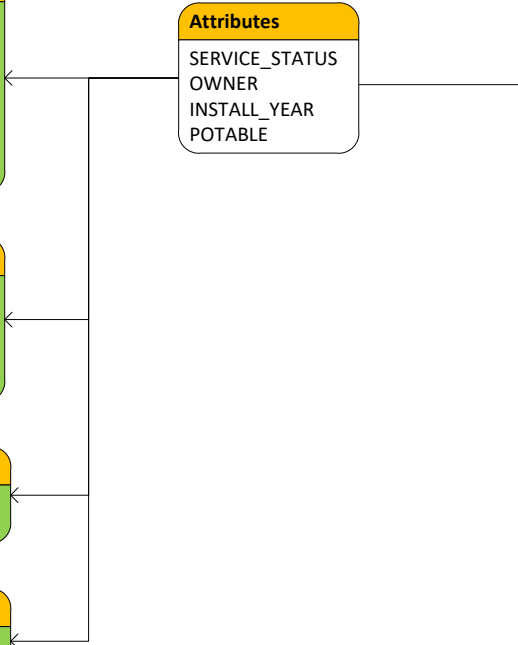
**Attributes**

- SERVICE\_STATUS
- OWNER
- INSTALL\_YEAR
- POTABLE

**Feature Type: ACAD 2D Polyline**

**Layer**

- C-DRAN-SRVC
- C-SSWR-SRVC
- C-WATR-SRVC

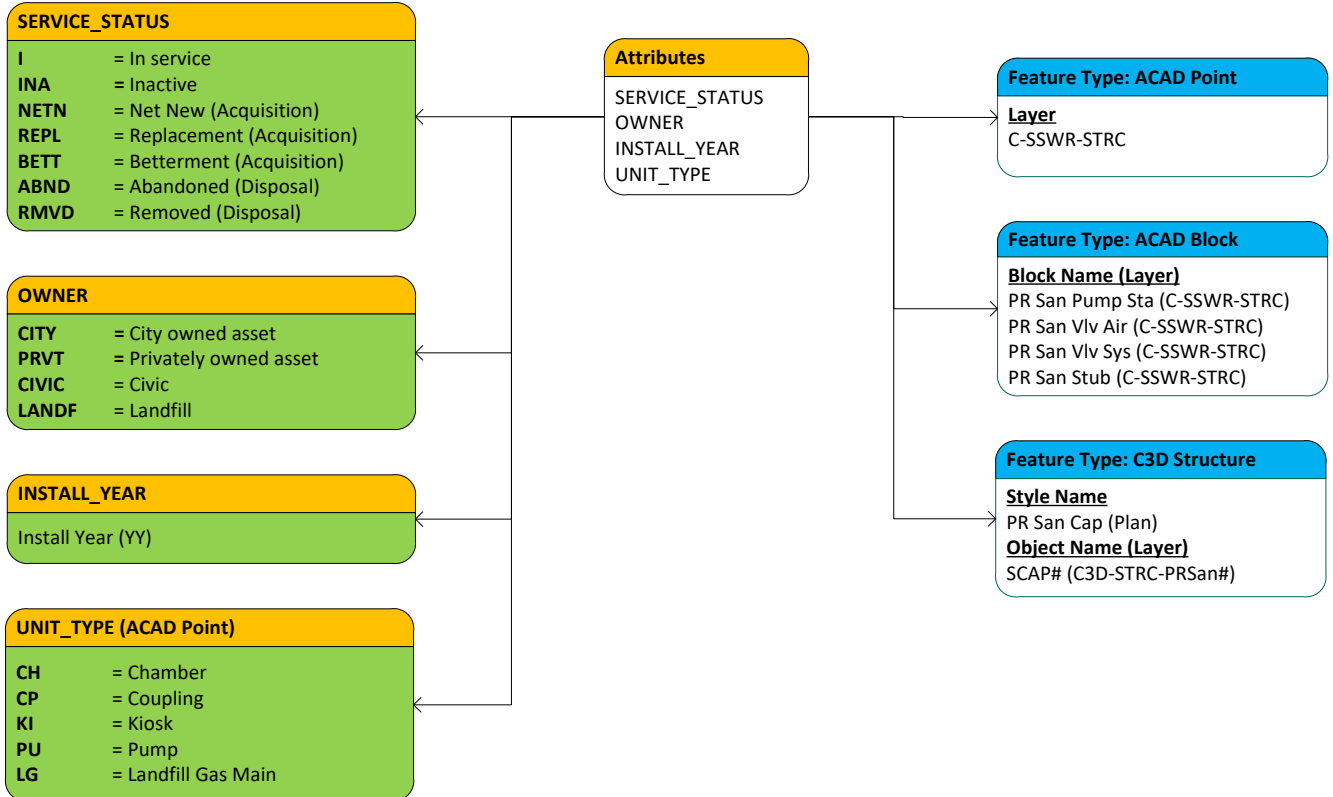


# Object Data Table – SSWR



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity



# Object Data Table – WALK (Walkways)



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

SERVICE_STATUS	
<b>I</b>	= In service
<b>INA</b>	= Inactive
<b>NETN</b>	= Net New (Acquisition)
<b>REPL</b>	= Replacement (Acquisition)
<b>BETT</b>	= Betterment (Acquisition)
<b>ABND</b>	= Abandoned (Disposal)
<b>RMVD</b>	= Removed (Disposal)

OWNER	
<b>CITY</b>	= City owned asset
<b>PRVT</b>	= Privately owned asset
<b>CIVIC</b>	= Civic
<b>LANDF</b>	= Landfill
<b>MOT</b>	= BC Ministry of Transportation

INSTALL_YEAR
Install Year (YY)

WIDTH
Width (m, 0.00)

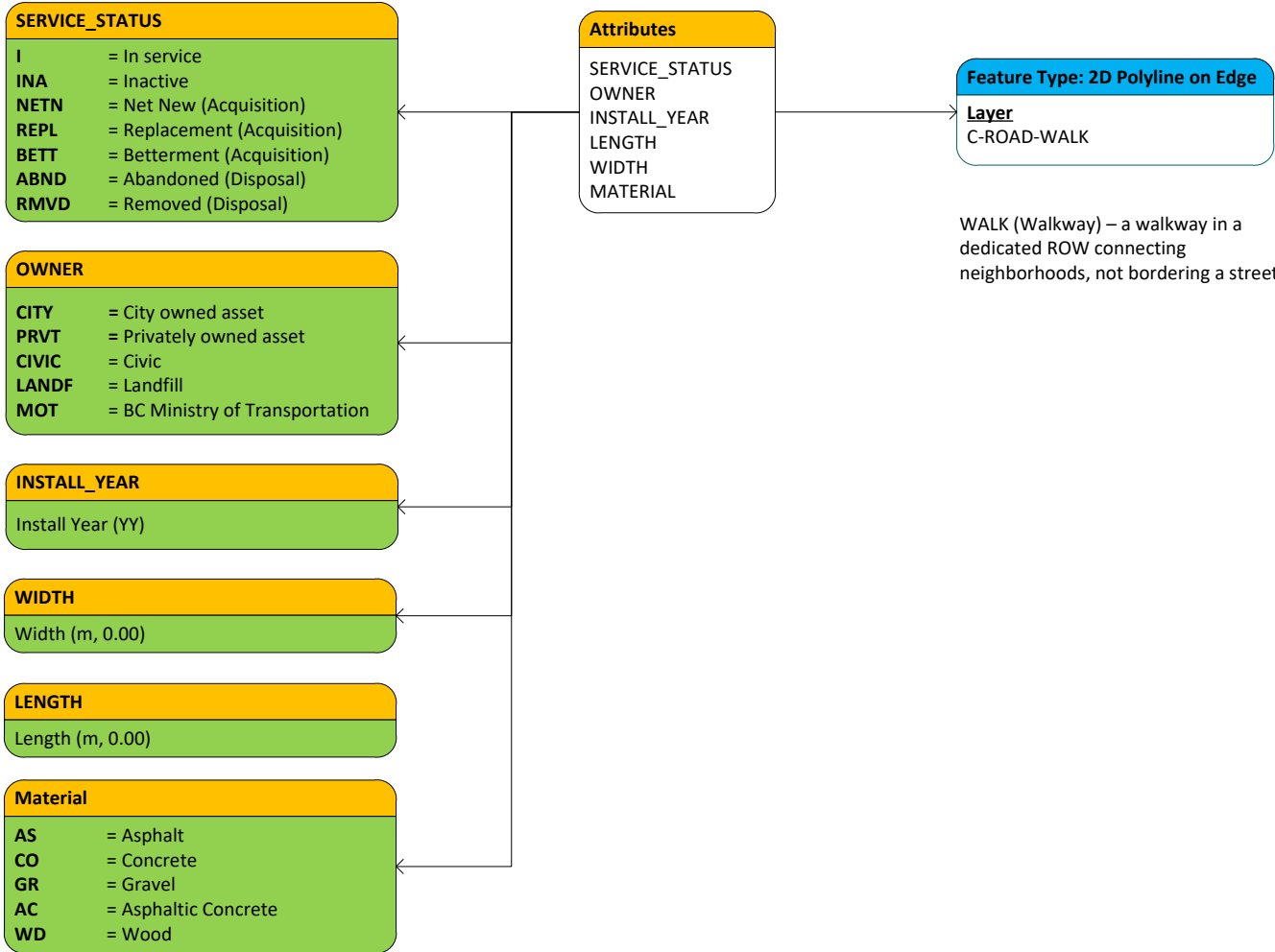
LENGTH
Length (m, 0.00)

Material	
<b>AS</b>	= Asphalt
<b>CO</b>	= Concrete
<b>GR</b>	= Gravel
<b>AC</b>	= Asphaltic Concrete
<b>WD</b>	= Wood

Attributes
SERVICE_STATUS
OWNER
INSTALL_YEAR
LENGTH
WIDTH
MATERIAL

Feature Type: 2D Polyline on Edge
<u>Layer</u>
C-ROAD-WALK

WALK (Walkway) – a walkway in a dedicated ROW connecting neighborhoods, not bordering a street



# Object Data Table – WATR



<b>SUBJECT:</b>	Attribution and Feature Representation
<b>SOURCE:</b>	City of Kelowna GIS Department
<b>REVISION DATE:</b>	December 2025 - Revision R03a

- Object Data Table
- C3D Object / ACAD Entity

SERVICE_STATUS	
I	= In service
INA	= Inactive
NETN	= Net New (Acquisition)
REPL	= Replacement (Acquisition)
BETT	= Betterment (Acquisition)
ABND	= Abandoned (Disposal)
RMVD	= Removed (Disposal)

OWNER	
CITY	= City owned asset
PRVT	= Privately owned asset
CIVIC	= Civic
LANDF	= Landfill

INSTALL_YEAR
Install Year (YY)

UNIT_TYPE (ACAD Point)	
BS	= Booster Station
CS	= Chlorine Station
FS	= Filling Station
FC	= Flow Control Station
KI	= Kiosk
PR	= Pressure Station
PU	= Pump
PS	= Pump Station
RE	= Reservoir
RS	= Reservoir Station
RD	= Reservoir Drain
SS	= Sampling Station
SL	= Sampling Station Lateral
TS	= Treatment Station
UV	= UV Station
WI	= Water Intake
WW	= Wetwell

MODEL (Air Valve and Auto Flusher Only)	
025 RBX2521	203 CX 0375
050 RBX2521	203-C
080 RBX1931E4	945E
080 RBX2531	D-040
080 RBX2551	S-050
100 RBX2531	UL 10.1
150 RBX2531	UL 20.1
201-C	UNKNOWN
202-C	

Attributes
SERVICE_STATUS
OWNER
INSTALL_YEAR
UNIT_TYPE
MODEL
ENCLOSURE
MAKE
POTABLE
CAPACITY

Feature Type: ACAD Point
<b>Layer</b>
C-WATR-STRC

Feature Type: ACAD Block
<b>Block Name (Layer)</b>
PR Wat Backflow Prev (C-WATR-STRC)
PR Wat Headwall (C-WATR-STRC)
PR Wat Hyd (C-WATR-HYDR)
PR Wat Flush (C-WATR-STRC)
PR Wat Blowoff (C-WATR-STRC)
PR Wat Cap (C-WATR-STRC)
PR Wat Reducer (C-WATR-STRC)
PR Wat Bend (C-WATR-STRC)
PR Wat Vlv Sys (C-WATR-VALV)
PR Wat Vlv Air (C-WATR-VALV)
PR Wat Meter Box (C-WATR-STRC)
PR Wat Cathod Protec (C-WATR-STRC)
PR Wat Vlv Pres (C-WATR-STRC)
PR Wat Stand (C-WATR-STRC)
PR Wat Stub (C-WATR-STRC)

ENCLOSURE (Air Valve Only)
Y = Yes
N = No

MAKE (Air Valve, Auto Flusher Only)
APCO
ARI
Crispin
Gold-Ander
Terminal City
Unknown
Valmatic
Vent-o-mat

POTABLE
POTABLE
NON-POTABLE

CAPACITY (Reservoir Station Only)
Capacity (m3)