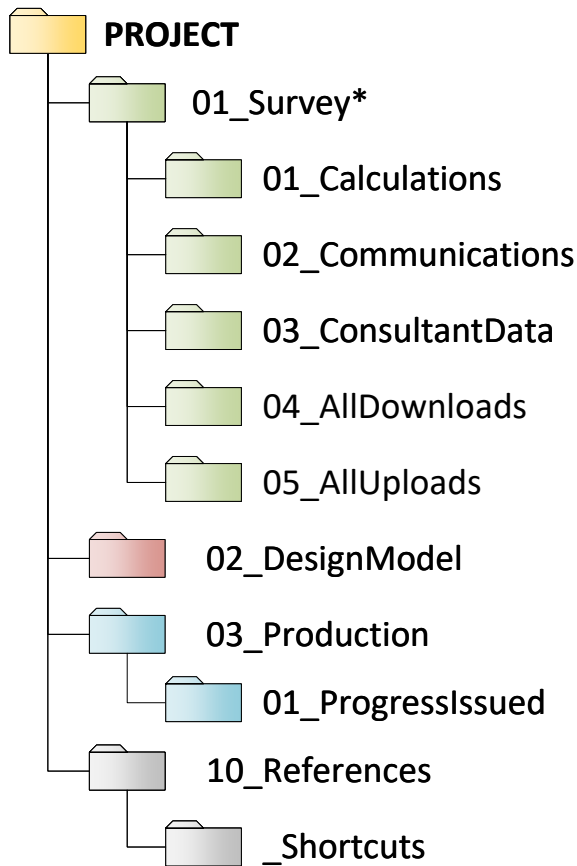


# Data Submission Folder Structure



## \* Note

1. Subfolders for internal use only

## \*\* Note (Removals Tracking)

1. Copy PROJ-SURV.dwg
2. Move abandoned assets to new layer using -ABDN as layer suffix (e.g. V-WATR-PIPE-ABND)
3. Move removed assets to new layer using -RMVD as layer suffix (e.g. V-STRM-STRC-RMVD)

## \*\*\* Note

1. Construction recorded design model drawings updated to reflect as constructed conditions
2. GIS Submissions

## PROJ Drawing Name Prefix

1. Infrastructure: YY-#### (City Assigned)
2. Development: Optional

## 01\_Survey

- PROJ-SURV.dwg
- PROJ-SURV-REM.dwg \*\*
- Base plan linework and symbols (C3D points)
- Cadastral data
- Underground utilities
- Existing ground surface

## 02\_DesignModel

- PROJ-TRANS.dwg
- PROJ-TRANS-CONSTREC.dwg \*\*\*
- PROJ-UTIL.dwg
- PROJ-UTIL-CONSTREC.dwg \*\*\*
- PROJ-TRANSUTIL.dwg
- PROJ-TRANSUTIL-CONSTREC.dwg \*\*\*
- PROJ-FGSURF.dwg
- Alignments, profiles, corridors
- Pipe and pressure networks

## 03\_Production

- PROJ-COVERINDEXLEGEND.dwg
- PROJ-TRANSPP.dwg
- PROJ-UTILPP.dwg
- PROJ-TRANSUTILPP.dwg
- PROJ-DETAILS.dwg
- PROJ-SECT.dwg
- PROJ-ELEC.dwg
- PROJ-IRR.dwg
- PROJ-LAND.dwg
- PROJ-STRUCT.dwg
- PROJ-MECH.dwg
- PROJ-ARCH.dwg

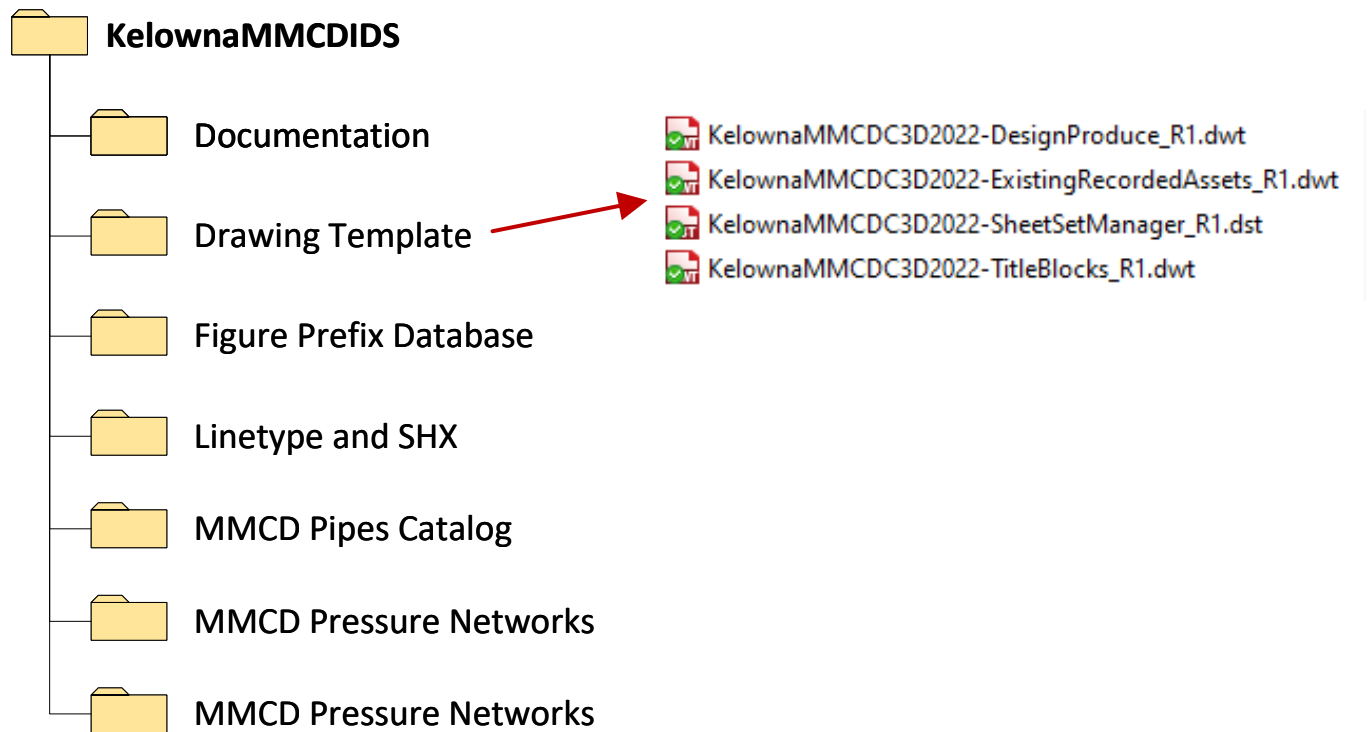
## 01\_ProgressIssued

- 50%, 90%, IFC, IFT, Record Submissions pdf
- PROJ-50.pdf, PROJ-90.pdf
- PROJ-IFT.pdf, PROJ-IFC.pdf
- PROJ-CONSTREC.pdf

## 10\_References

- Ortho Photos
- Data Shortcuts (folders created by C3D)

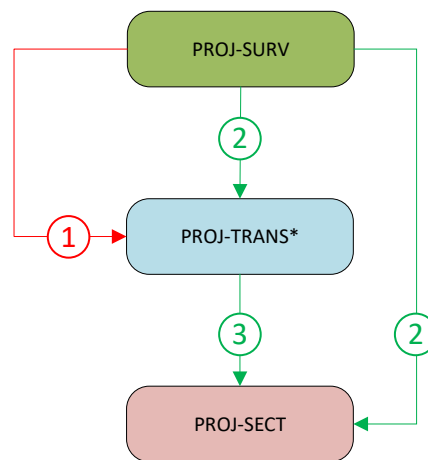
# Kelowna MMCD IDS Folders





## Surface Infrastructure Data Sharing – Option 1

- ① PROJ-SURV attached to PROJ-TRANS as Xref overlay
- ② EXSURF referenced into PROJ-TRANS via data shortcut
- ③ Corridor referenced into PROJ-SECT via data shortcut (corridor reference also creates baseline reference)



\* Note

- H&V alignments
- Offset Geometry
- Corridor Model
- Layouts
- GIS Submission

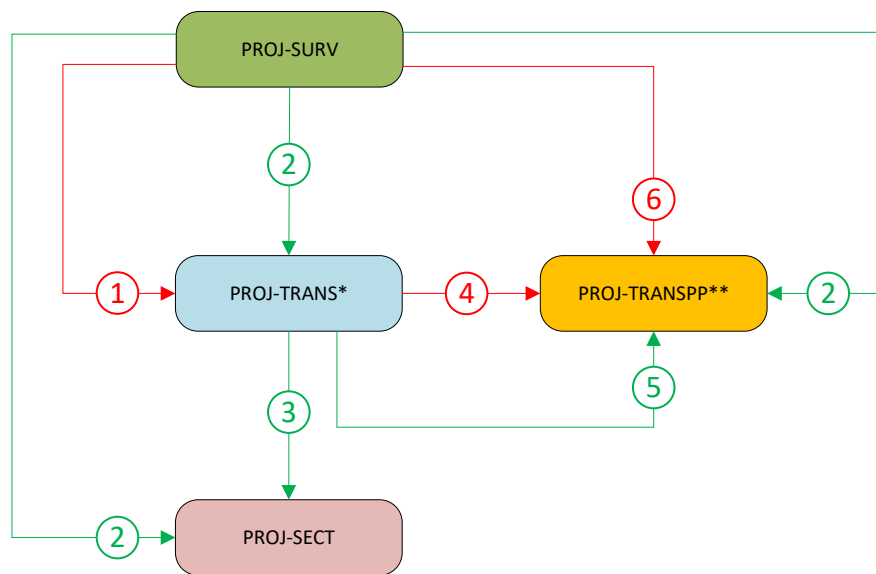
AutoCAD External References must use relative paths

\* GIS Submission



## Surface Infrastructure Data Sharing – Option 2

- ① PROJ-SURV attached to PROJ-TRANS as Xref overlay
- ② EXSURF referenced into PROJ-TRANS and PROJ-TRANSPP via data shortcut (optional)
- ③ Corridor referenced into PROJ-SECT via data shortcut (corridor reference also creates baseline reference)
- ④ PROJ-TRANS attached to PROJ-TRANSPP as Xref overlay
- ⑤ Alignment, profile, offset target geometry and proposed surface referenced into PROJ-TRANSPP for annotation
- ⑥ PROJ-SURV attached to PROJ-TRANSPP as Xref overlay



**\* Note**

- H&V alignments
- Offset Geometry
- Corridor Model
- GIS Submission

**\*\* Note**

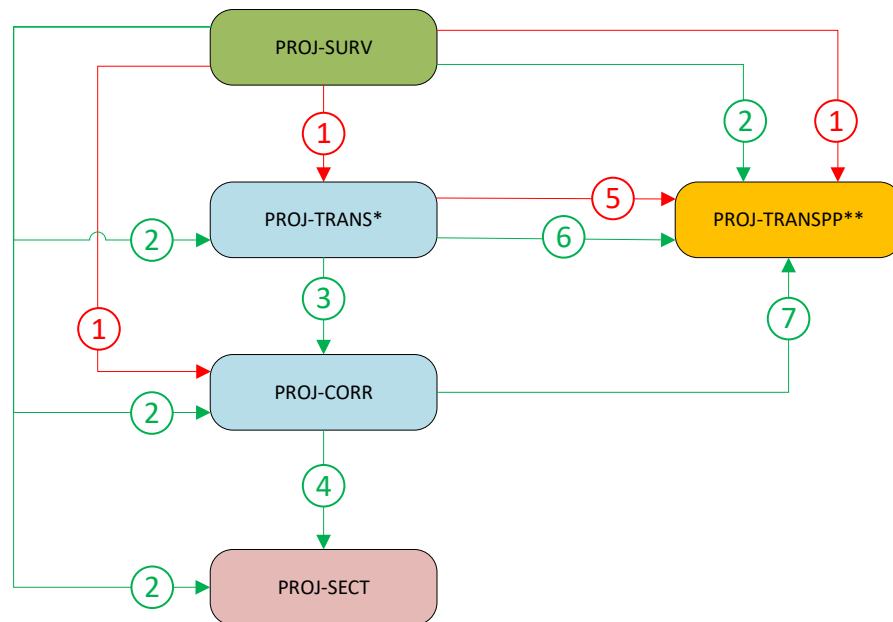
- Duplicate object display between ACAD Xref and C3D references

AutoCAD External References must use relative paths



## Surface Infrastructure Data Sharing – Option 3

- ① PROJ-SURV attached to PROJ-TRANS, PROJ-CORR and PROJ-TRANSPP as Xref overlay
- ② EXSURF referenced into PROJ-TRANS, PROJ-CORR, PROJ-SECT and PROJ-TRANSPP
- ③ ALI, PROF and GEOM (offset targets) referenced into PROJ-CORR via data shortcut
- ④ PROJ-CORR referenced into PROJ-SECT via data shortcut (corridor reference also creates baseline reference)
- ⑤ PROJ-TRANS attached to PROJ-TRANSPP as Xref overlay
- ⑥ Alignment, profile, offset target geometry and proposed surface referenced into PROJ-TRANSPP for annotation
- ⑦ Top surface referenced into PROJ-TRANSPP for annotation



**\* Note**

- H&V alignments
- Offset Geometry
- Layouts
- GIS Submission

**\*\* Note**

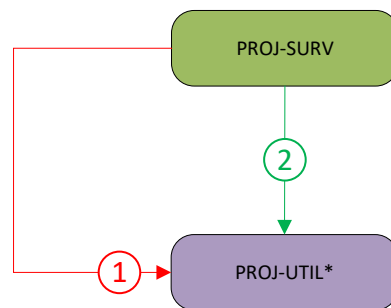
- Duplicate object display between ACAD Xref and C3D references

AutoCAD External References must use relative paths



## Utility Data Sharing – Option 1

- ① PROJ-SURV attached to PROJ-UTIL as AutoCAD Xref overlay
- ② Existing surfaces from PROJ-SURV created in PROJ-UTIL as Civil 3D reference object



\*Note

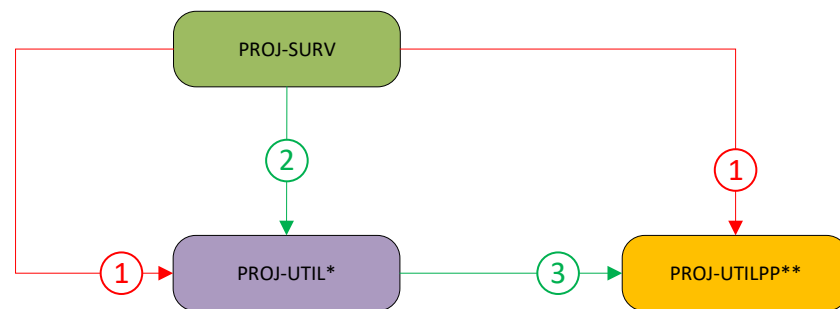
- H&V alignments
- Layouts
- GIS Submission

AutoCAD External References must use relative paths



## Utility Data Sharing - Option 2

- ① PROJ-SURV attached to PROJ-UTIL and PROJ-UTILPP as Xref overlay
- ② Existing surfaces from PROJ-SURV created in PROJ-UTIL AS Civil 3D reference object
- ③ Alignments, profiles and pipe/pressure networks referenced into PROJ-UTILPP as Civil 3D reference objects



**\*Note**

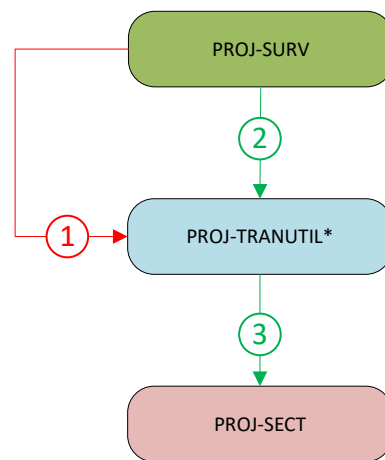
- H&V alignments
- GIS Submission

AutoCAD External References must use relative paths



## Combined TRAN / UTIL Data Sharing – Option 1

- ① PROJ-SURV attached to PROJ-TRANUTIL as Xref overlay
- ② EXSURF referenced into PROJ-TRANUTIL via data shortcut
- ③ Corridor referenced into PROJ-SECT via data shortcut



\* Note

- H&V alignments
- Offset Geometry
- UG Utilities
- Corridor Model
- Layouts
- GIS Submission

AutoCAD External References must use relative paths

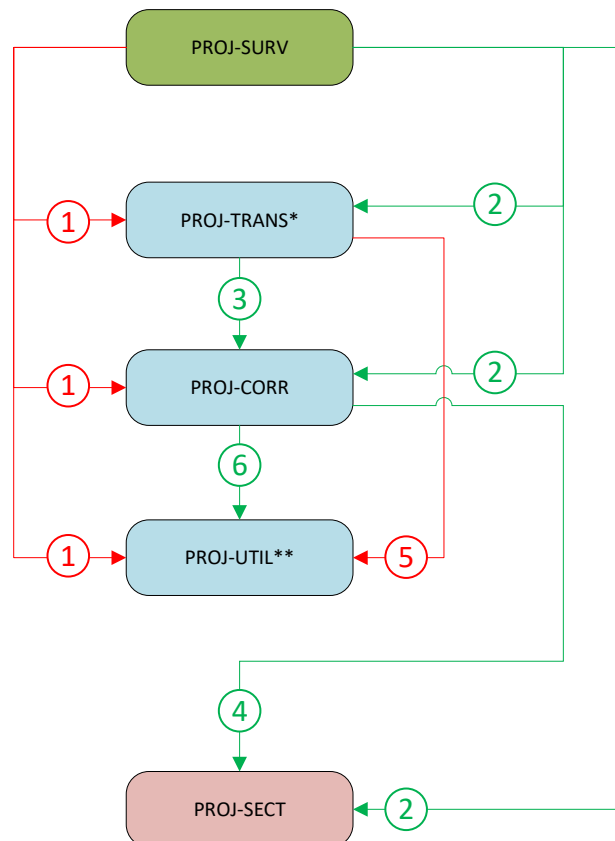
\* GIS Submission





## Combined TRAN / UTIL Data Sharing – Option 2

- ① PROJ-SURV attached to PROJ-TRANS, PROJ-CORR AND PROJ-UTIL as Xref overlay
- ② EXSURF referenced into PROJ-TRANS, PROJ-CORR, PROJ-UTIL and PROJ-SECT via data shortcut
- ③ ALI, PROF and GEOM (offset targets) referenced into PROJ-CORR via data shortcut
- ④ PROJ-CORR referenced into PROJ-SECT via data shortcut (corridor reference also creates baseline reference)
- ⑤ PROJ-TRANS attached to PROJ-UTIL as Xref overlay
- ⑥ TOPSURF referenced into PROJ-UTIL via data shortcut



\* Note

- H&V alignments
- Offset Geometry
- Layouts
- GIS Submission

\*\* Note

- UG UTILITIES
- GIS Submission

AutoCAD External References must use relative paths