STREET LIGHT DESIGN
FILE CHECKER

MOBILITY – STREET LIGHTING

Updated on:
June 12, 2023

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1. Revision History
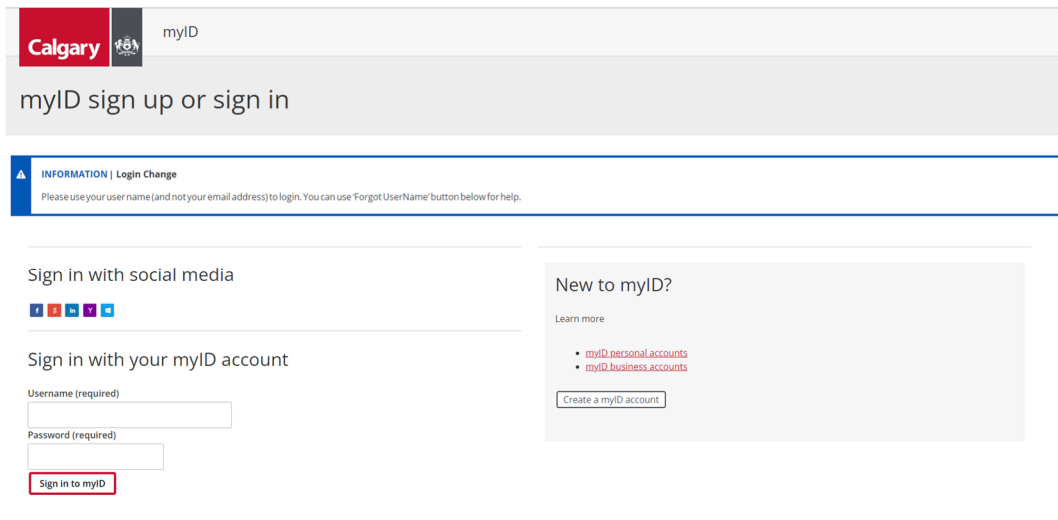
Revision Number	Date of Revision	Description	Revision Done by
0	02/07/2023	Document creation	Jocelyn Klyne
1	02/08/2023	Issued for Review	Jocelyn Klyne
2	02/10/2023	Final	Jocelyn Klyne
3	06/12/2023	Updated Report Results Screen	Jocelyn Klyne

2. Purpose

The purpose of this SOP is to outline the procedures and processes for the use of the Street Light Design File Checker before submitting APRCON and As-Built .dwg drawings to Mobility – Street Lighting.
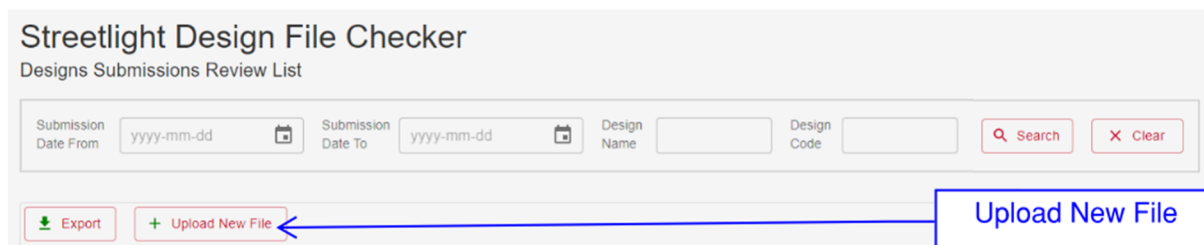
3. Login

The Street Light Design File Checker can be accessed here: https://streetlightfilechecker.calgary.ca and uses the same myID account as The City of Calgary CROWM System.

4. Submission

Click on Upload New File

Fill out all fields including Contact for the submission and Application Info.
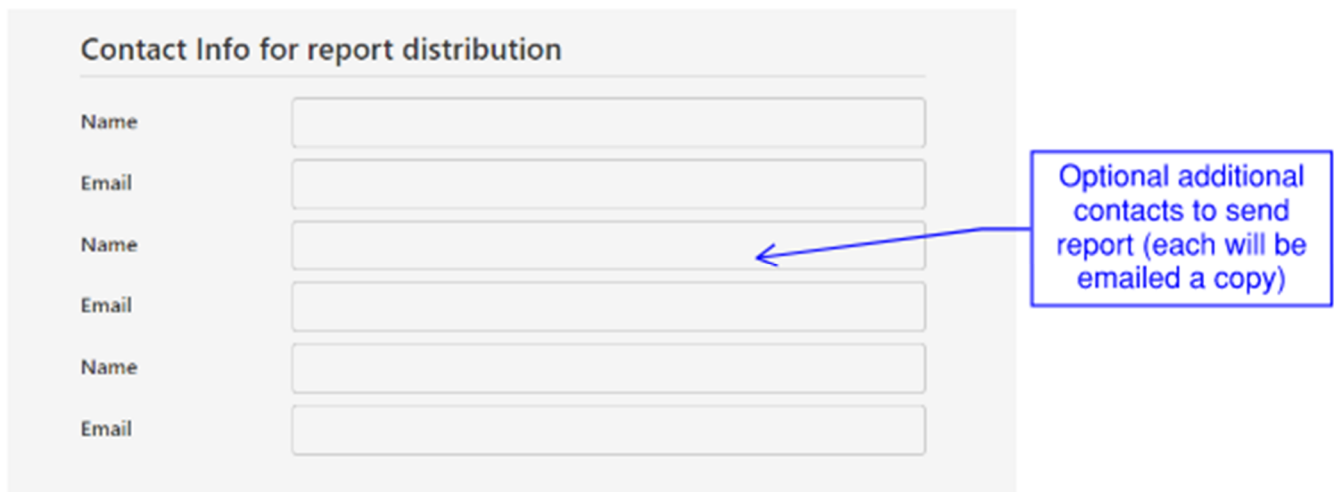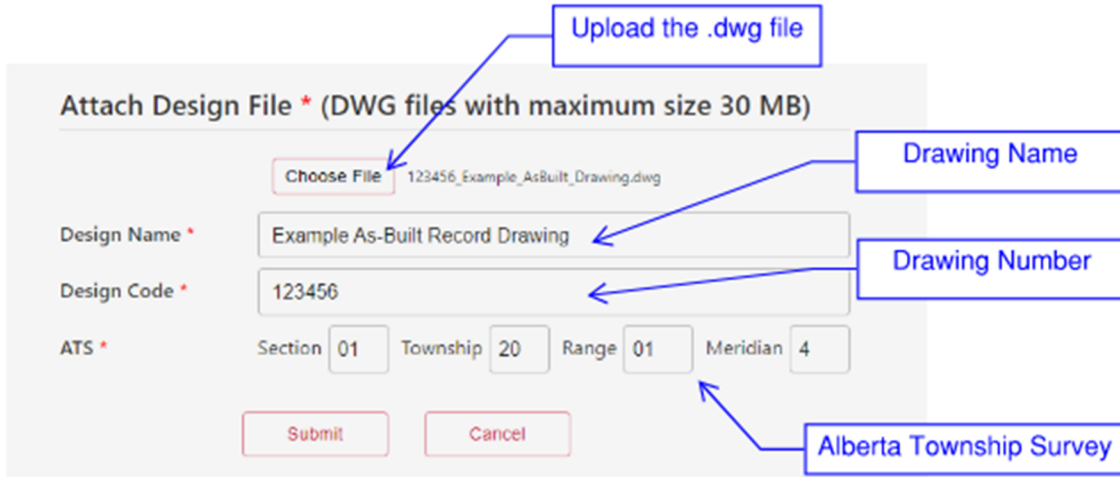
Upload the design file and fill out all required design fields.

A Submission Confirmation screen will pop up after clicking submit and will indicate each email address that will receive a copy of the report.

5. Results

A pdf report will be emailed within 15 minutes. The email is sent from CitySLDesignChecker@calgary.ca (this is a no-reply automated email address). The subject line will indicate a result of "Passed" or "Failed".
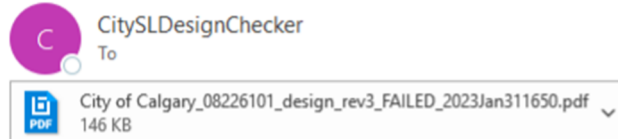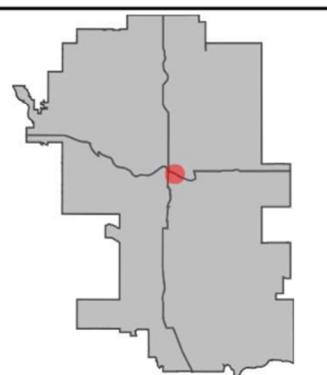
The pdf will show a summary with Overall Status of Passed or Failed with number of errors and warnings.

The drawing is reviewed on several criteria including Location, CAD Standard, Topology, and Asset Unit ID's. A result will show "Passed" in green, "Failed" in red or "Warning" in yellow for each criterion. Any Fail will result in a failed report but warnings will still result in a "pass".

Location

Type	Result	Message
City Of Calgary	Passed	The drawing is entirely within the City of Calgary limits.
Alberta Transportation	Passed	This is not close to an area serviced by Alberta Transportation. The City of Calgary is presumed to be the owner.
ATS Section	Failed	This location is not in the specified ATS section. Please check your coordinate system and/or grid/ground conversion.

CAD Standard

| Type	Result	Message
Layer Name	Passed	All layers meet the standard City of Calgary streetlight layer names.
True/False Layers	Passed	All necessary layers indicated whether they were at a true or false location offset.
Block Name	Passed	All blocks meet the standard City of Calgary streetlight block names.
Block on right Layer	Failed	At least one block is on an unexpected layer.
Line Type	Warning	At least one line is using a non-standard line type attribute (line type and/or colour).

Topology

Type	Result	Message
Short Line Segment	Warning	There are one or more lines that are too short and may have been placed in error or should not have been broken. Please confirm.
Disconnected Lines	Failed	At least one line does not connect to a node or block.
Direction Change	Failed	At least one line has a significant change in direction. Check if it should be broken.
Duplicate lines	Passed	There are no duplicate lines.

Other

Type	Result	Message
Asset Unit IDs	Passed	All exisiting assets have unit ids.
Duplicate asset unit IDs	Passed	All existing assets have unique unit ids.

A map with scope of work will be shown that highlights the errors.
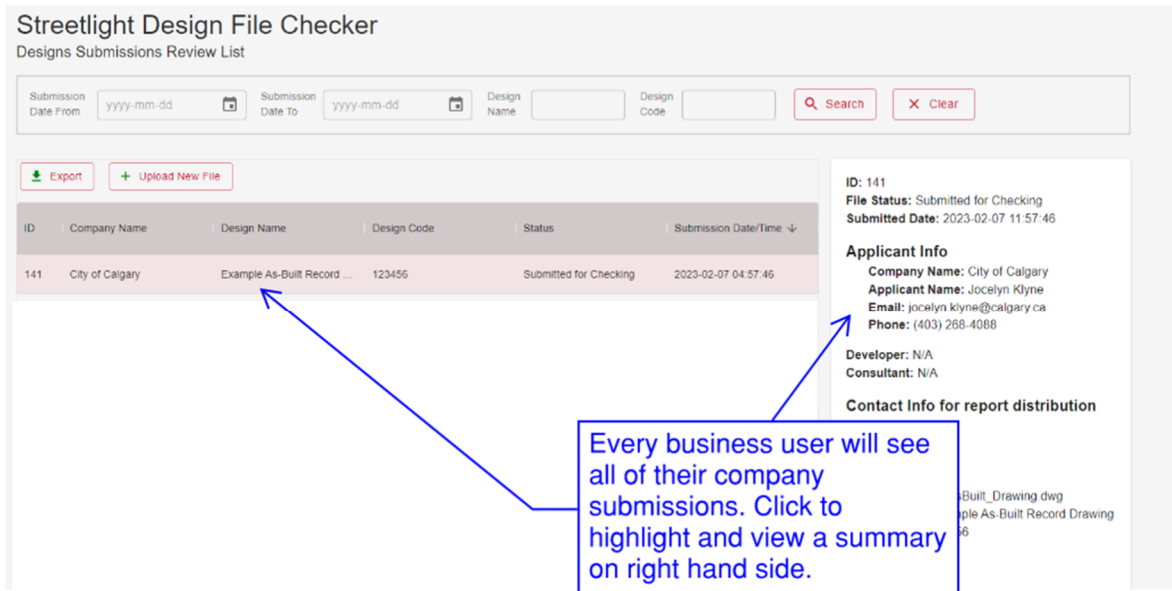
Scope of Work
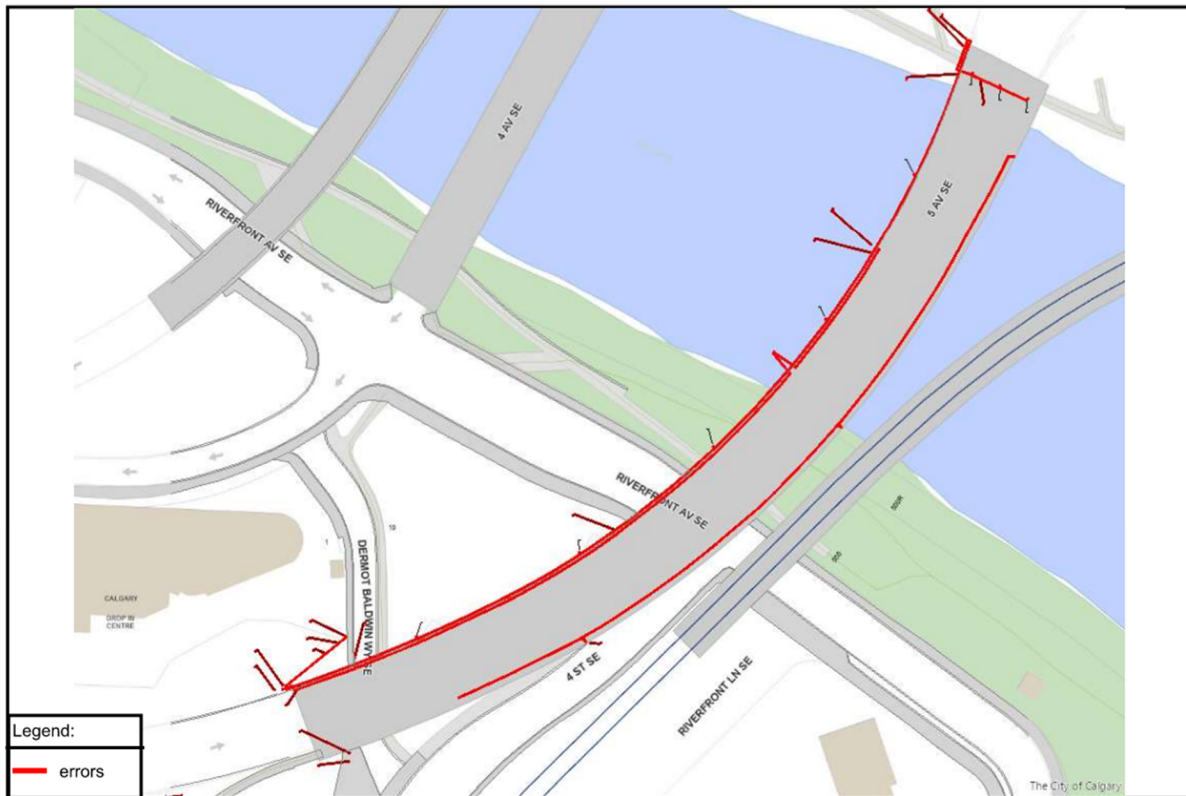
A passing report is required for APRCON or As-Built submissions. If a fail is received, please revise and submit a new design file to the Design File Checker.

A design for database import will not be accepted without a corresponding PASSING report. Failure to provide a passing report will result in denied material release, CCC, or FAC.

6. Design Submissions Review List

Ensure each business user is using the same "Company Name" during submissions. This will allow every business user to see all submissions for the company.

Files can be searched by Date, Design Name or Design Code. The Pass/Fail report is not stored in the system and only available via the original email. However, the search query can be used for tracking submissions and statuses.