



STREET LIGHT DESIGN FILE CHECKER

MOBILITY – STREET LIGHTING

Updated on:
June 12, 2023



Table of Contents

1. Revision History	2
2. Purpose	2
3. Login.....	2
4. Submission	2
5. Results.....	5
6. Design Submissions Review List.....	8

1. Revision History

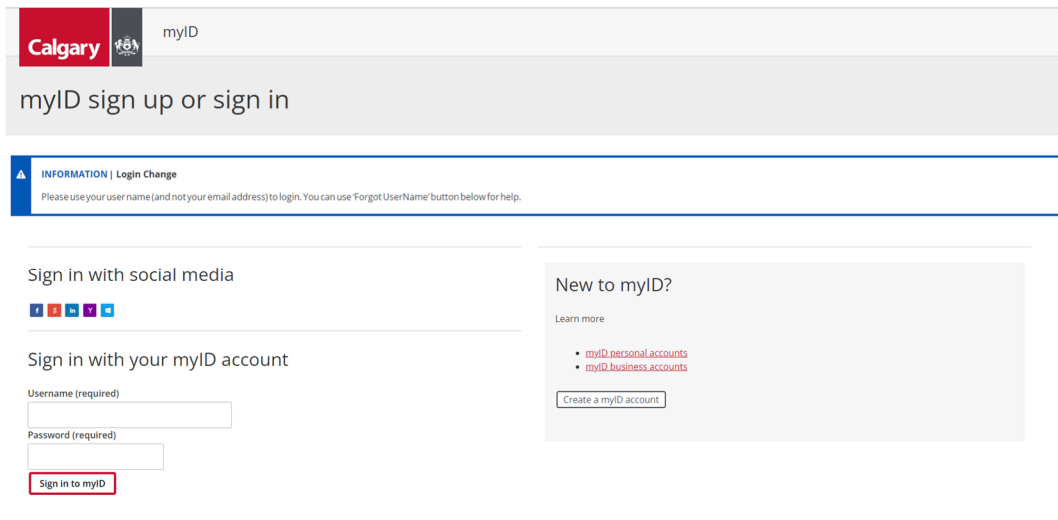
Revision Number	Date of Revision	Description	Revision Done by
0	02/07/2023	Document creation	Jocelyn Klyne
1	02/08/2023	Issued for Review	Jocelyn Klyne
2	02/10/2023	Final	Jocelyn Klyne
3	06/12/2023	Updated Report Results Screen	Jocelyn Klyne

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

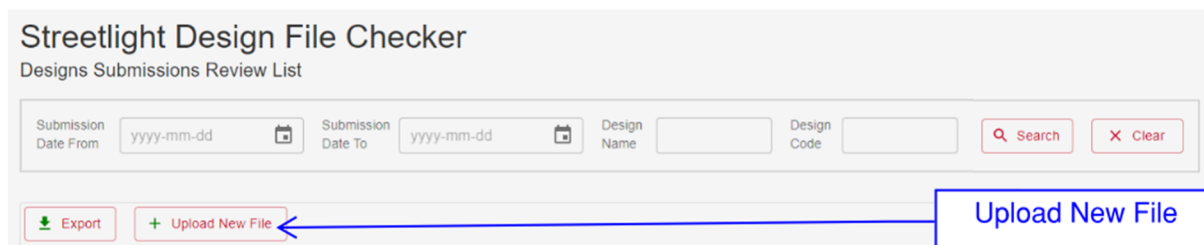
The Street Light Design File Checker can be accessed here: <https://streetlightfilechecker.calgary.ca> and uses the same myID account as The City of Calgary CROWM System.



The screenshot shows the myID login interface. At the top, there's a header with the Calgary logo and 'myID'. Below it, a section says 'myID sign up or sign in'. A blue-bordered box contains an 'INFORMATION | Login Change' message: 'Please use your user name (and not your email address) to login. You can use "Forgot UserName" button below for help.' Below this, there are two main sections. The left section, 'Sign in with social media', shows icons for Facebook, Google, and Twitter. Below that, 'Sign in with your myID account' has fields for 'Username (required)' and 'Password (required)', followed by a 'Sign in to myID' button. The right section, 'New to myID?', has a 'Learn more' link, a list of account types ('myID personal accounts' and 'myID business accounts'), and a 'Create a myID account' button.

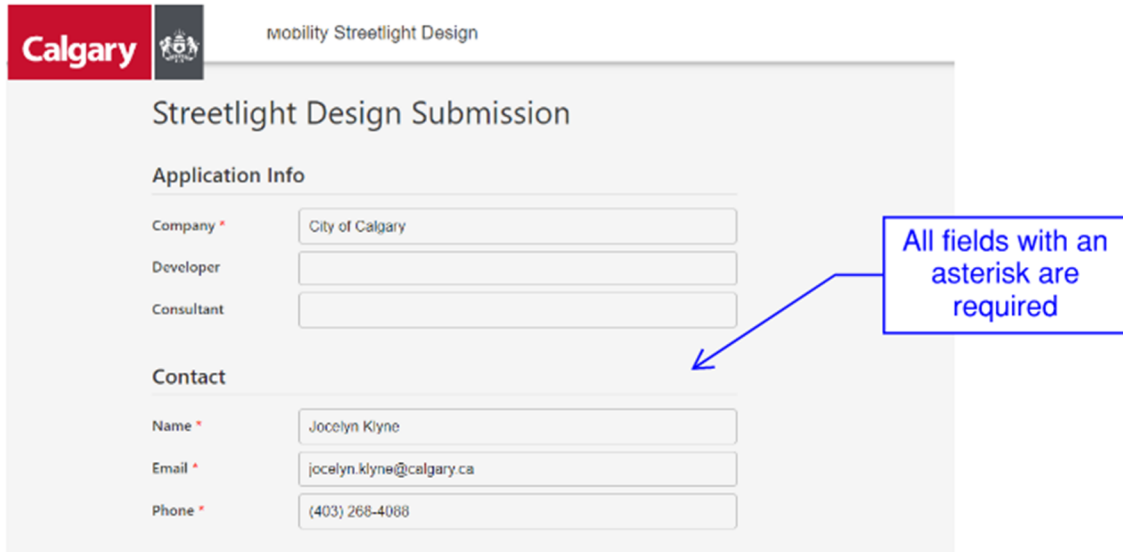
4. Submission

Click on Upload New File



The screenshot shows the 'Streetlight Design File Checker' interface. At the top, it says 'Streetlight Design File Checker' and 'Designs Submissions Review List'. Below this is a search bar with fields for 'Submission Date From' (yyyy-mm-dd), 'Submission Date To' (yyyy-mm-dd), 'Design Name', and 'Design Code'. There are 'Search' and 'Clear' buttons. Below the search bar, there are two buttons: 'Export' and 'Upload New File'. A blue arrow points from the 'Upload New File' button to a larger blue box labeled 'Upload New File' on the right side of the interface.

Fill out all fields including Contact for the submission and Application Info.



Calgary mobility Streetlight Design

Streetlight Design Submission

Application Info

Company *

Developer

Consultant

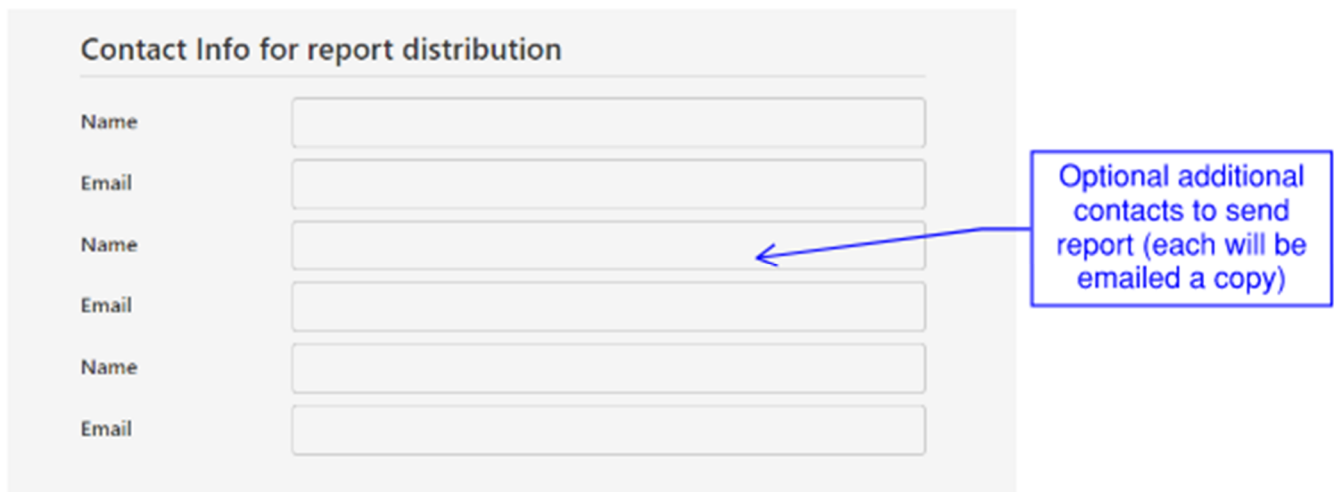
Contact

Name *

Email *

Phone *

All fields with an asterisk are required



Contact Info for report distribution

Name

Email

Name

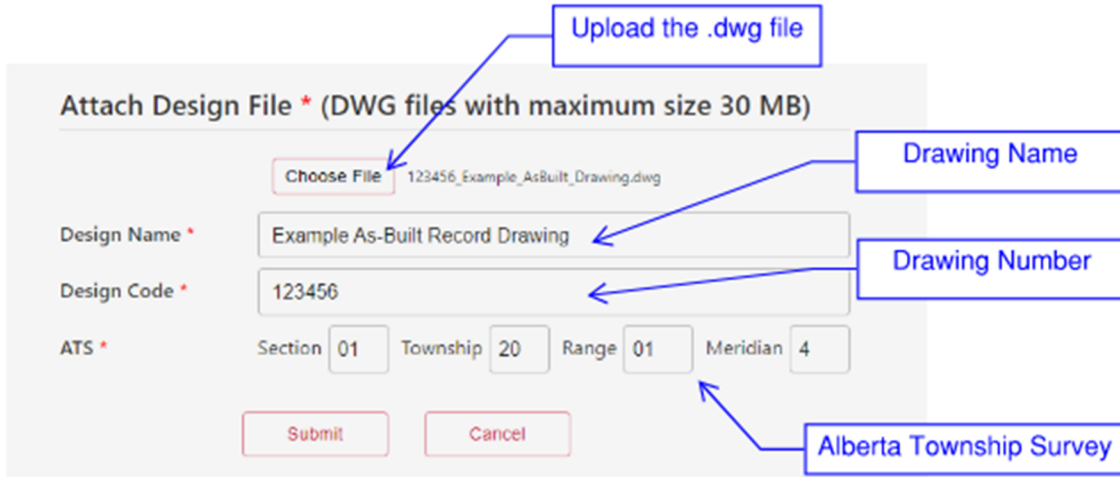
Email

Name

Email

Optional additional contacts to send report (each will be emailed a copy)

Upload the design file and fill out all required design fields.



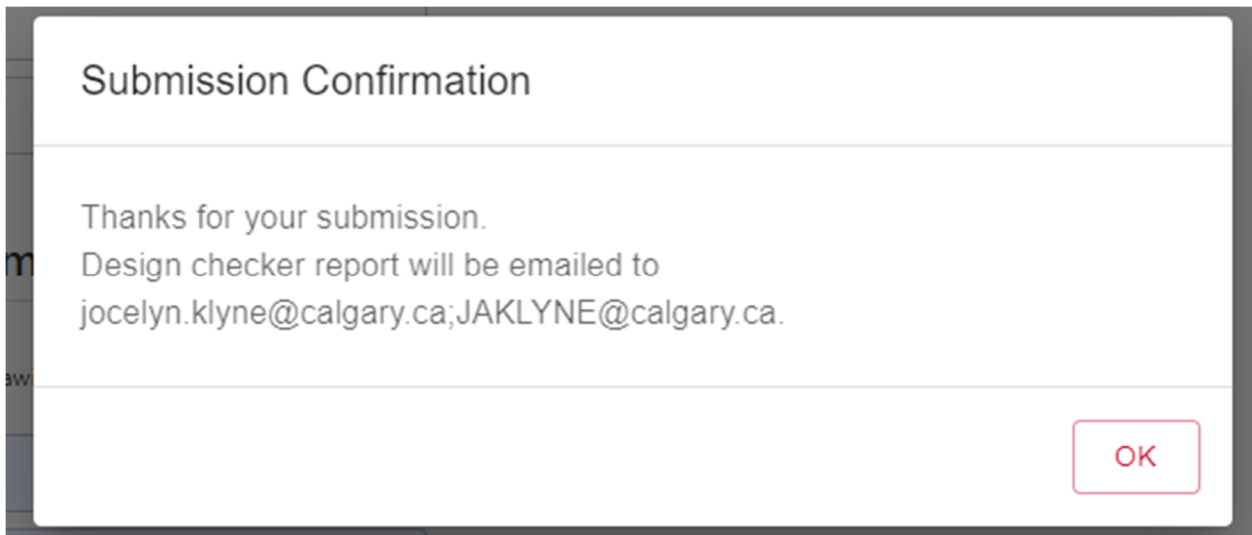
The screenshot shows the 'Attach Design File' form. Annotations with arrows point to the following elements:

- Upload the .dwg file**: Points to the 'Choose File' button.
- Drawing Name**: Points to the 'Design Name' input field.
- Drawing Number**: Points to the 'Design Code' input field.
- Alberta Township Survey**: Points to the 'ATS' section, specifically the 'Range' dropdown.

The form fields are as follows:

- Attach Design File *** (DWG files with maximum size 30 MB)
 - Choose File: 123456_Example_AsBuilt_Drawing.dwg
- Design Name ***: Example As-Built Record Drawing
- Design Code ***: 123456
- ATS ***
 - Section: 01
 - Township: 20
 - Range: 01
 - Meridian: 4
- Buttons: Submit, Cancel

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



The screenshot shows the 'Submission Confirmation' screen with the following content:

Submission Confirmation

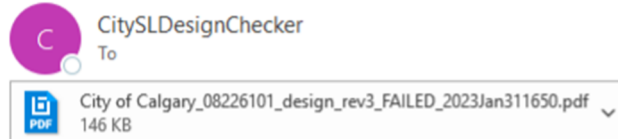
Thanks for your submission.
Design checker report will be emailed to
jocelyn.klyne@calgary.ca;JAKLYNE@calgary.ca.

OK

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”.

City streetlight design checking completed with result 'FAILED'



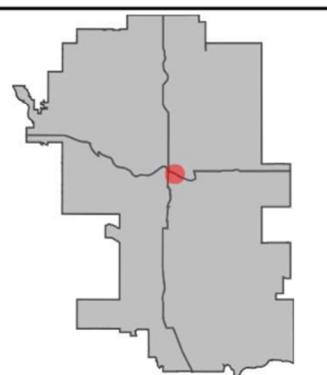
Thank you for submitting design drawing for checking
 your submission id: 52
 Date of processing: 2023-01-31 4:42:56 PM
 Checking result: FAILED
 Please see attachments for detailed report

 THIS IS AN AUTOMATED MESSAGE, PLEASE DO NOT REPLY.

The pdf will show a summary with Overall Status of Passed or Failed with number of errors and warnings.

Calgary Streetlight Design File Checker Report

Streetlight Checker Results Summary

Overall Status	FAILED	
Number of errors:	4	
Number of warnings:	3	
Applicant:		
Company	<i>Your company name will show here</i>	
Name	<i>Your name will show here</i>	
Email	<i>Your email will show here</i>	
Email sent to:		
Name	<i>Name the report was sent to</i>	
Email	<i>Email the report was sent to</i>	
Date	<i>Date the report was sent</i>	

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

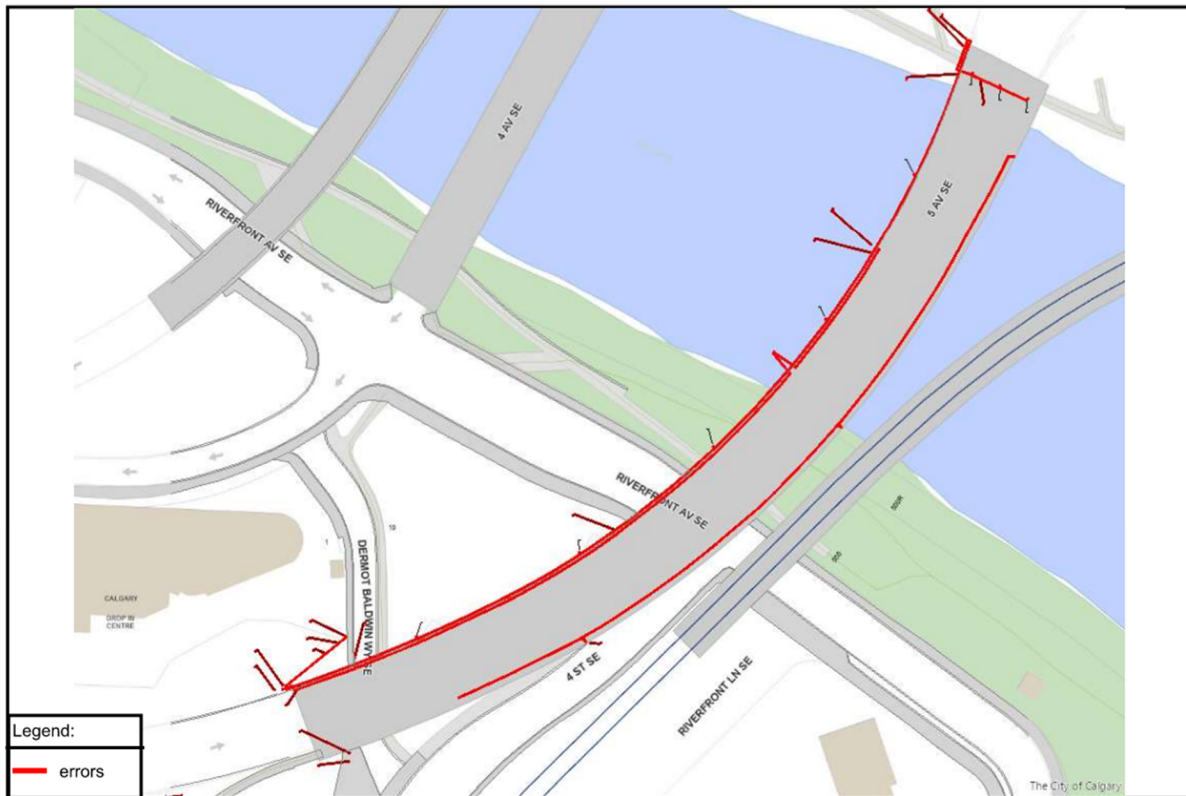
Type	Result	Message
Short Line Segment	Warning	There are one or more lines that are too short and may have been placed in error or should not have been broken. Please confirm.
Disconnected Lines	Failed	At least one line does not connect to a node or block.
Direction Change	Failed	At least one line has 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 existing 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

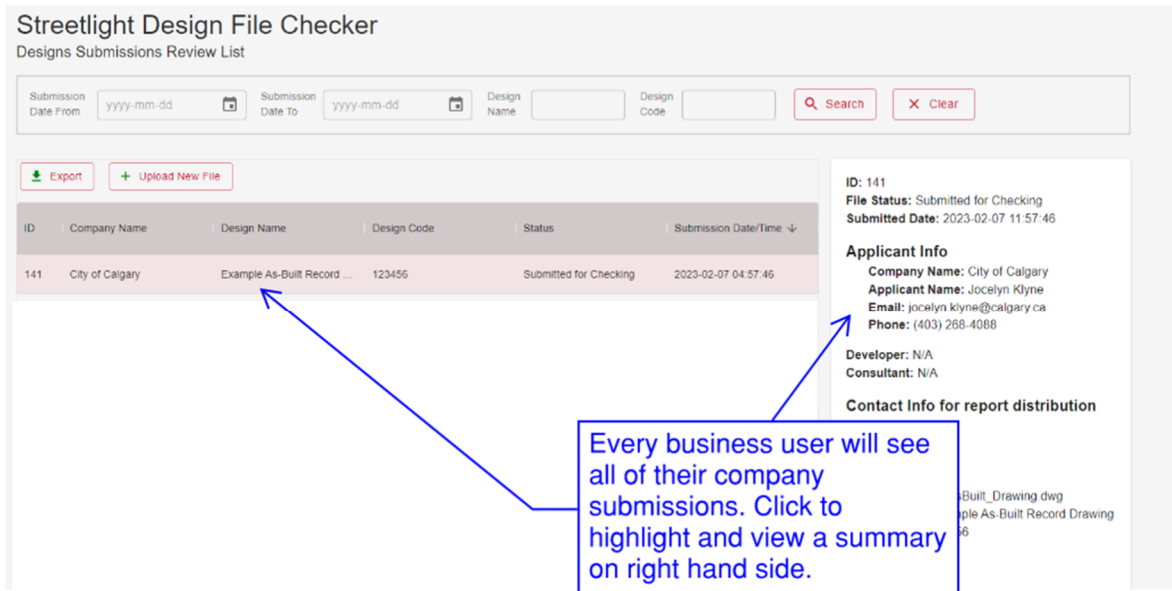


A passing report is required for APRCON or As-Built submissions. If a fail is received, please revise and submit a new design file to the Design File Checker.

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.



Streetlight Design File Checker
Designs Submissions Review List

Submission Date From: yyyy-mm-dd Submission Date To: yyyy-mm-dd Design Name: Design Code: [Search](#) [Clear](#)

[Export](#) [+ Upload New File](#)

ID	Company Name	Design Name	Design Code	Status	Submission Date/Time
141	City of Calgary	Example As-Built Record ...	123456	Submitted for Checking	2023-02-07 04:57:46

ID: 141
File Status: Submitted for Checking
Submitted Date: 2023-02-07 11:57:46

Applicant Info
Company Name: City of Calgary
Applicant Name: Jocelyn Klyne
Email: jocelyn.klyne@calgary.ca
Phone: (403) 268-4088

Developer: N/A
Consultant: N/A

Contact Info for report distribution

Example As-Built Record Drawing

Every business user will see all of their company submissions. Click to highlight and view a summary on right hand side.

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.

Submission Date From: yyyy-mm-dd Submission Date To: yyyy-mm-dd Design Name: Design Code: [Search](#) [Clear](#)