

MDOT Ancillary Structures Program

Guide: Generating a PDF culvert inspection report from Field Maps

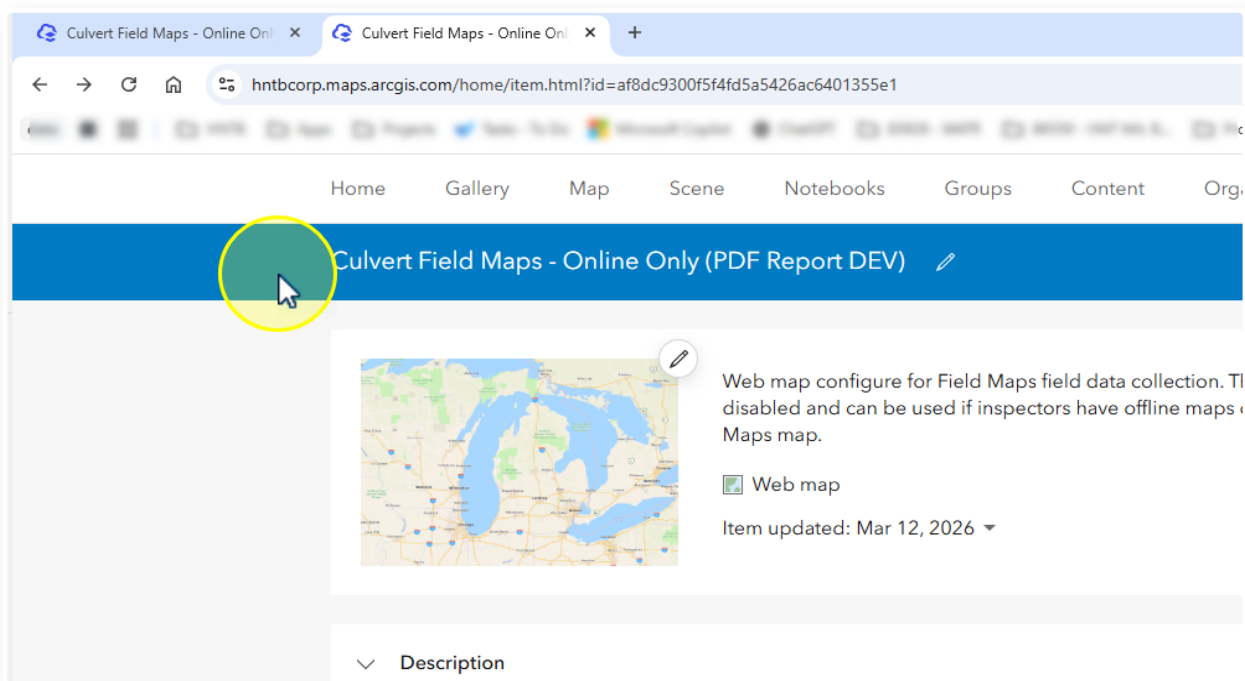
15 steps | 2 minutes

Thursday, March 12, 2026

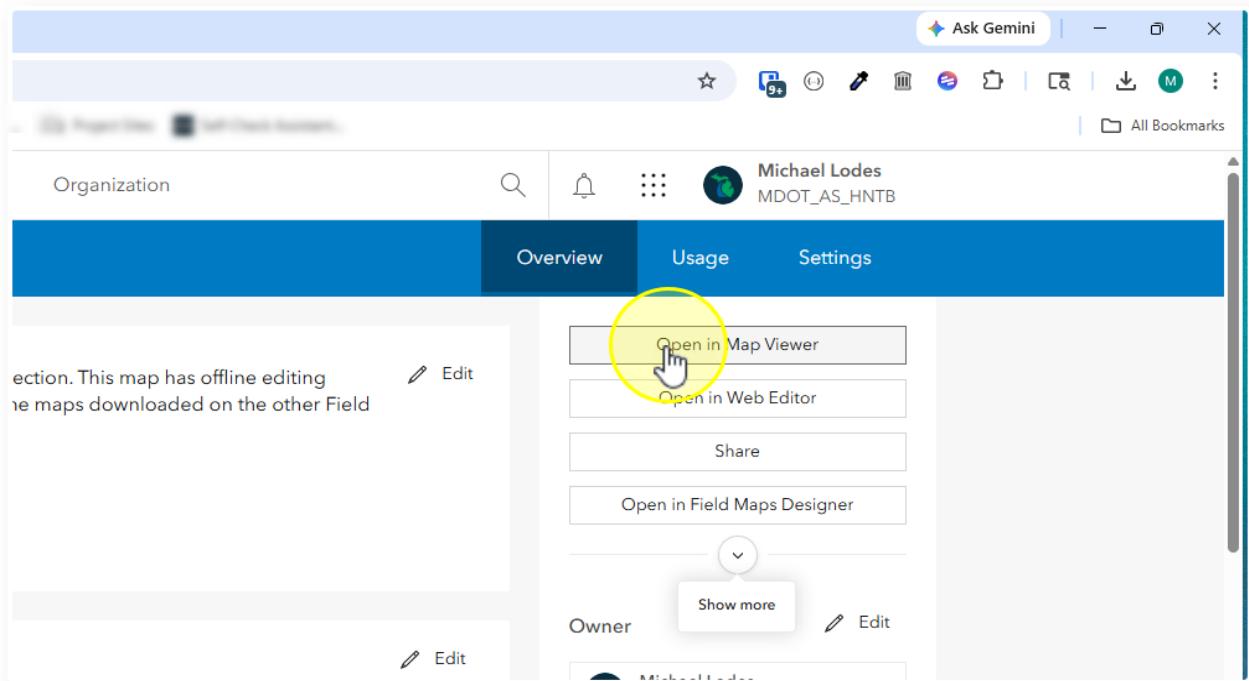
Link to webmap for testing:

<https://www.arcgis.com/home/item.html?id=af8dc9300f5f4fd5a5426ac6401355e1>

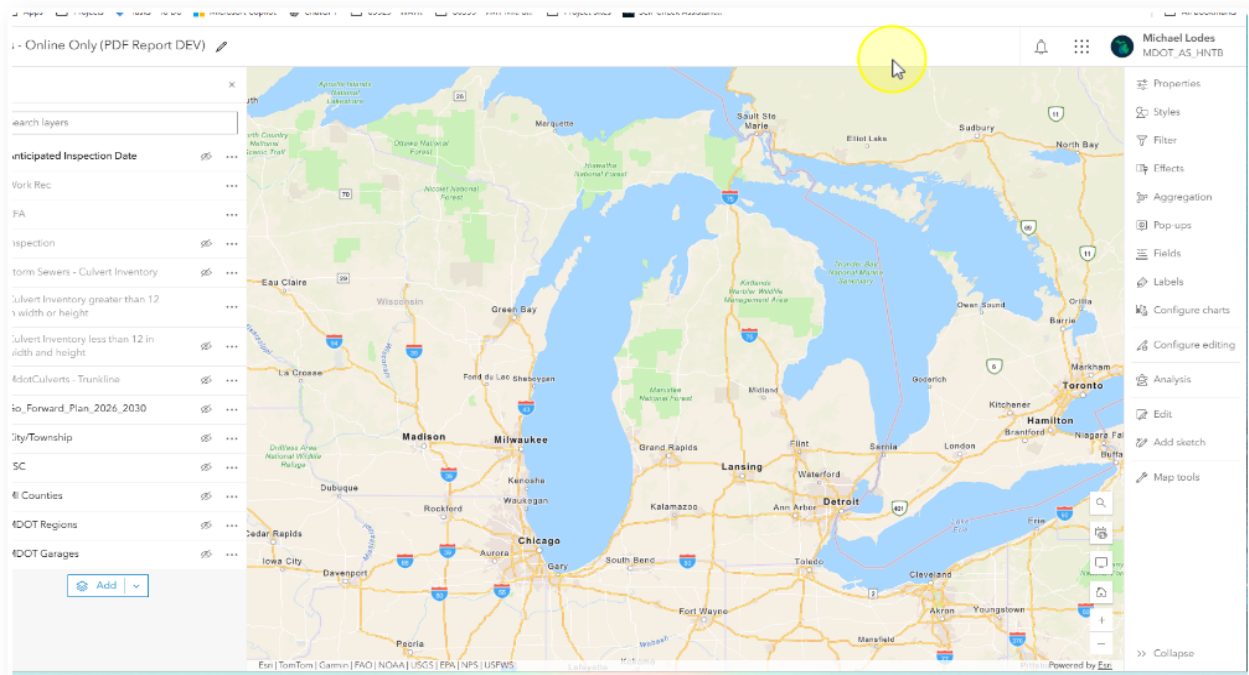
1 Navigate to the culvert inspection webmap



2 Click "Open in Map Viewer"



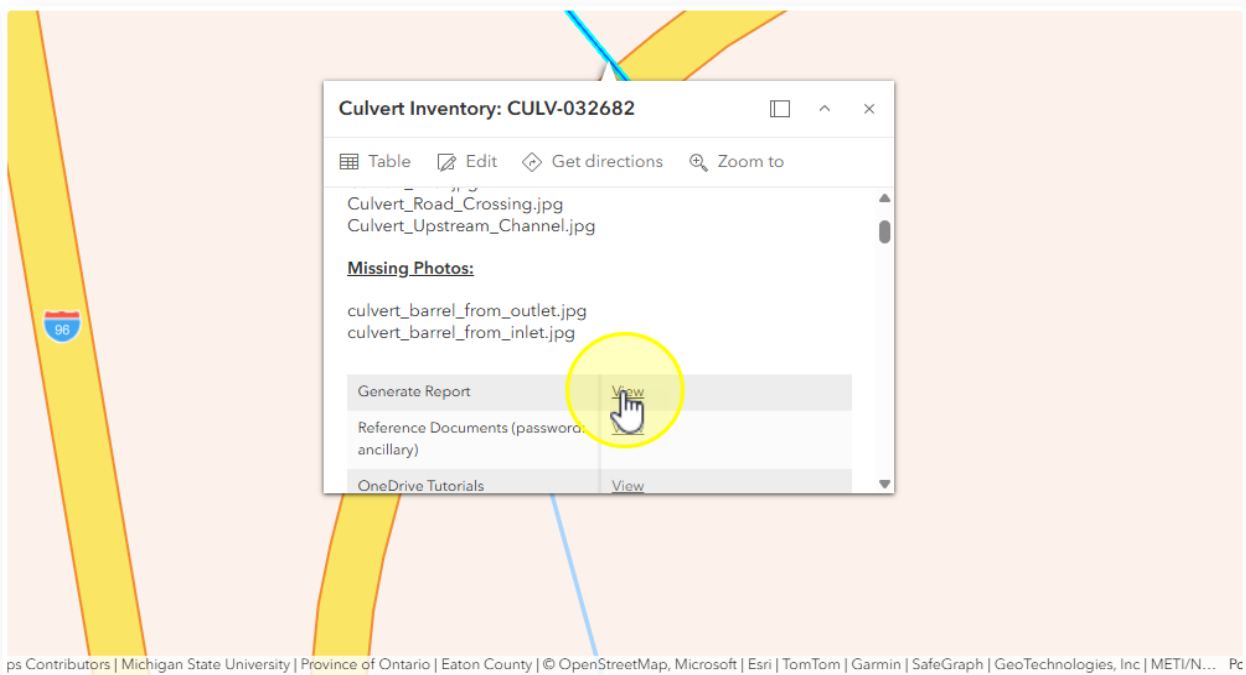
3 Zoom to an area of interest on the map



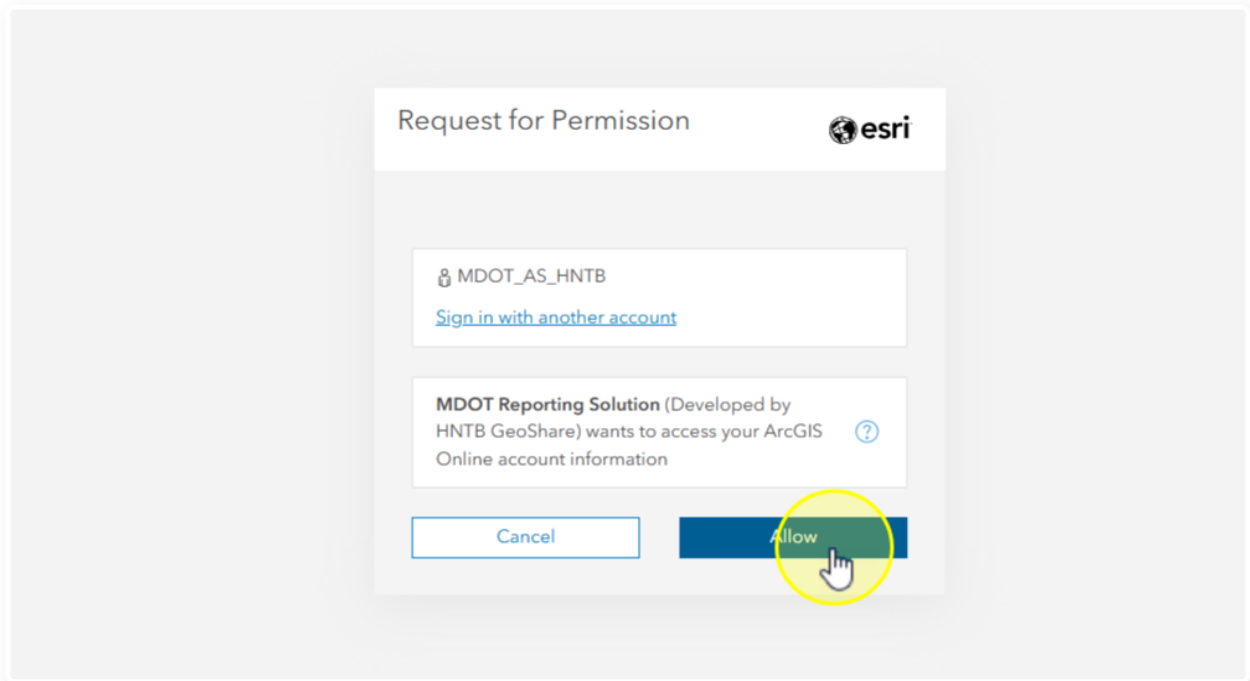
- 4 Click on a culvert inventory to open the popup



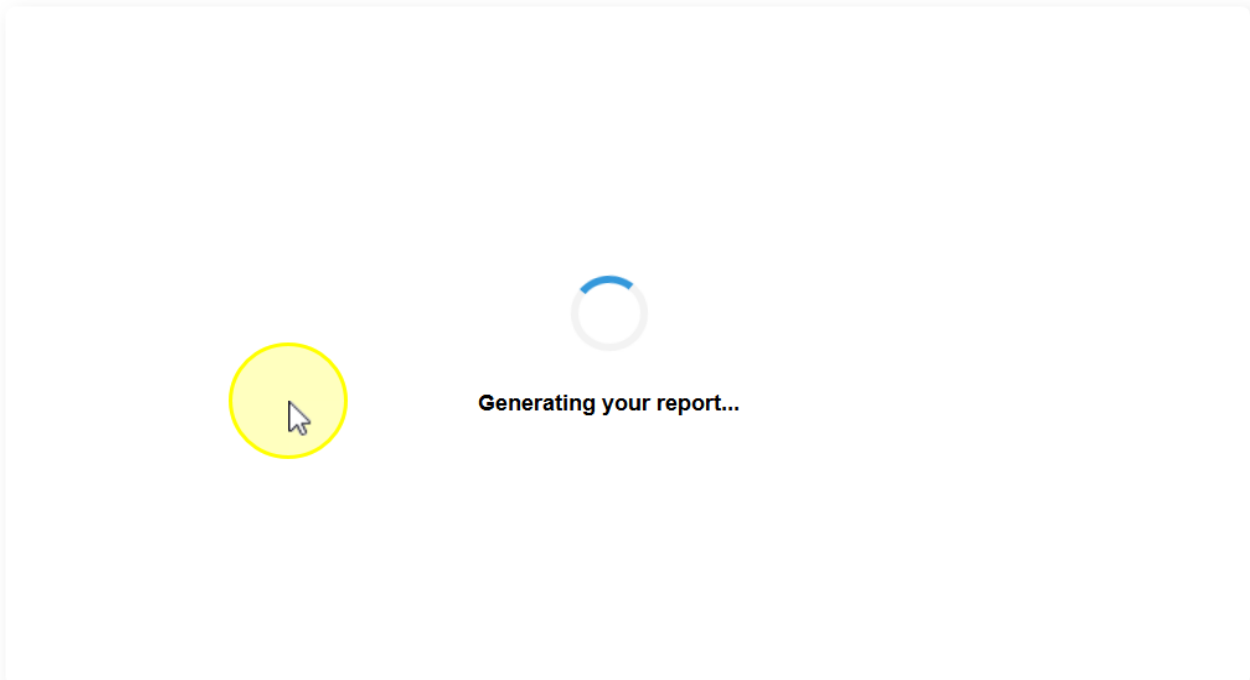
- 5 Scroll to the Generate Report attribute and click on View



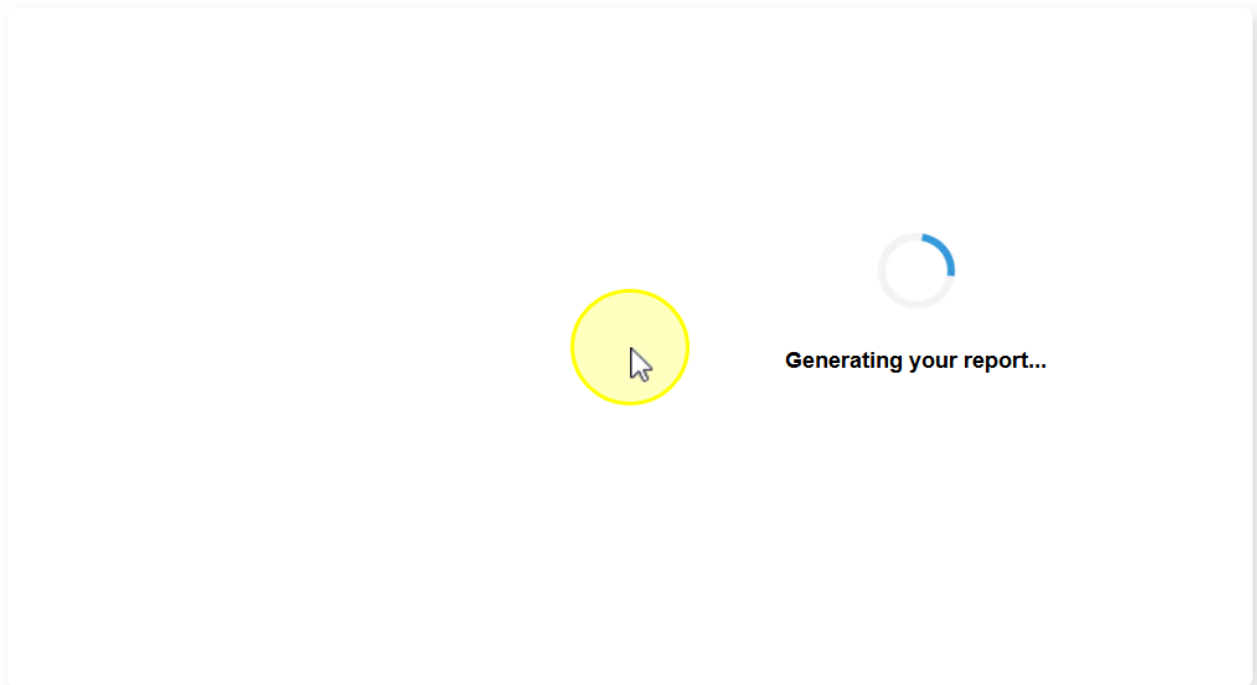
6 Click Allow on the Request for Permission page



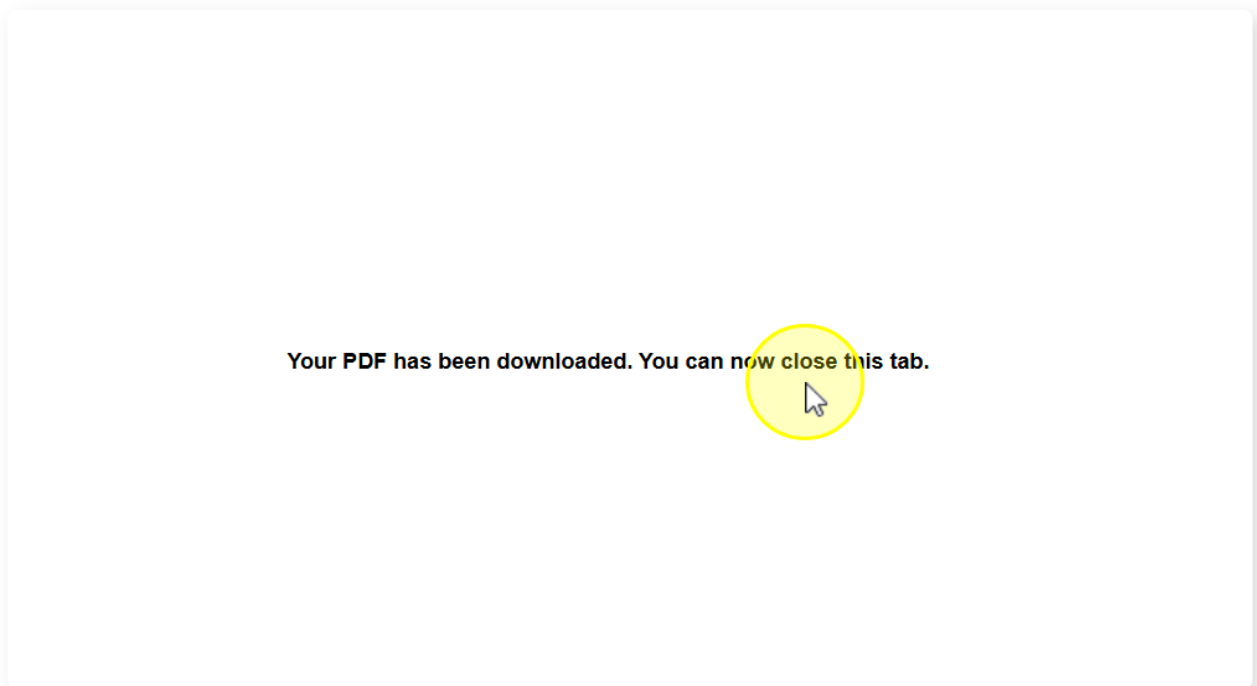
7 Report will generate.
Note: It may take a minute or more for all of the photos to be retrieved.



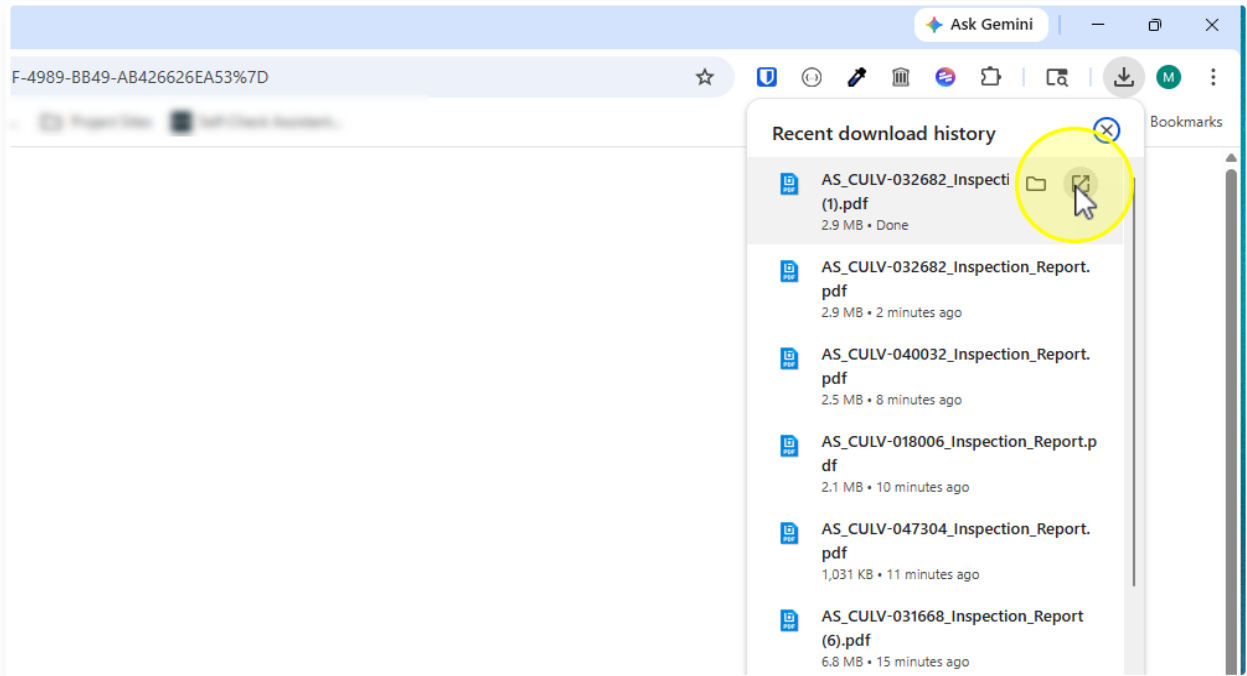
8 Drag from "Generating Report..."



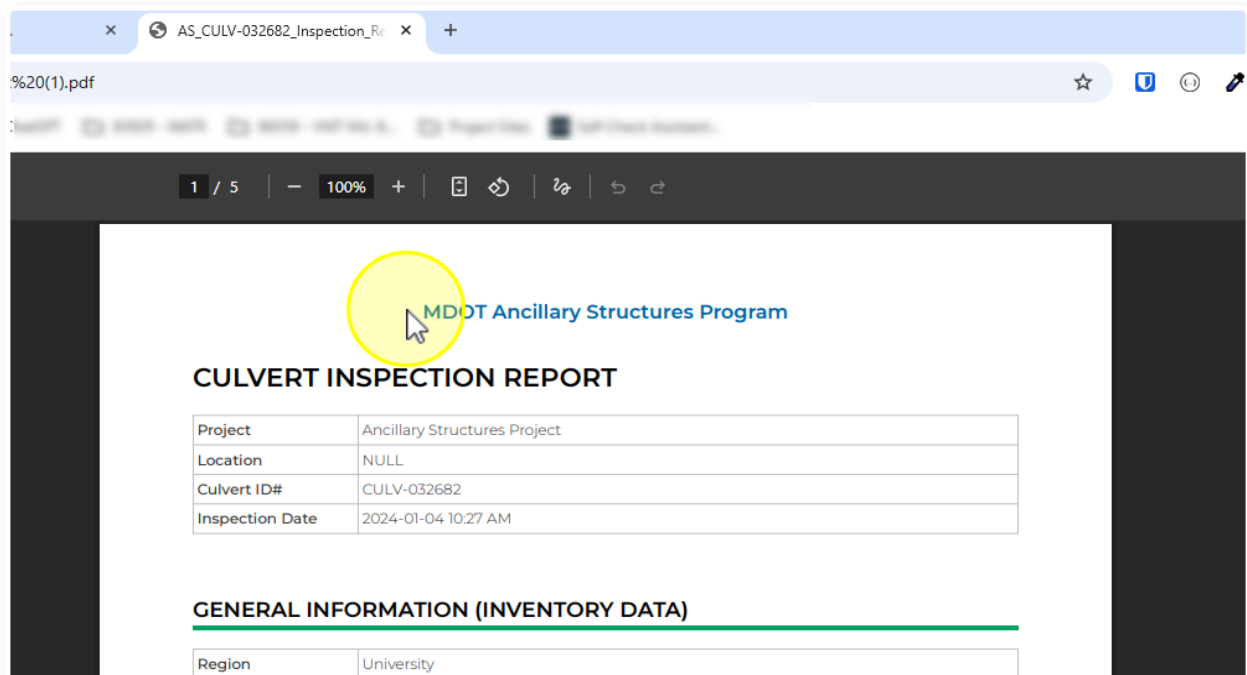
9 You will see this message when the report has finished generating



10 Report will save to Downloads folder



11 Review the report in your preferred PDF viewer



12 Report includes element ratings

CONDITION DATA (INSPECTION DATA)

OVERALL RATINGS

Overall Culvert Rating: 5 - Fair

ELEMENT RATINGS

	Good	Fair	Poor	Severe
Headwall	NULL	NULL	NULL	NULL
Wingwall	NULL	NULL	NULL	NULL
Scour	1	1	NULL	NULL
Joints	NULL	NULL	NULL	NULL
Barrel [ft]	142	NULL	NULL	NULL

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13 Report includes Component Ratings

2 / 5 - 100% +     

Headwall	NULL
Wingwall	NULL
Scour	Moderate scouring at inlet.
Joints	CIPP liner blocks joints.
Barrel [ft]	Based on liner

COMPONENT RATINGS

Component	Rating	Comments
Approach Roadway and Embankment	5 - Fair	Rated fair due to roadway cracking and sinkhole still on inlet embankment.
Channel	5 - Fair	Rated fair due to some bank erosion in both channels.
Structure	7 - Good	Based on liner
End Treatment	5 - Fair	Rated fair due to no end section at inlet which is allowing for scouring/erosion around the inlet end section.

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Report includes photos

MDOT Ancillary Structures Program

INVENTORY PHOTOS

Figure 1. Culvert Inlet



Figure 2. Culvert Road Crossing



Figure 3. Culvert Upstream Channel



Figure 4. Culvert Downstream Channel



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Report includes a list of RFAs and Work Recs

REQUEST FOR ACTION (RFA) REPORT

No. of RFAs: 1

RFA ID	NULL
Submitted On	2022-11-11 10:09 AM
Status	Closed
Priority Level	Priority Level 3
Submission Comments	Approximately 20' of section loss and heavy corrosion from inlet

RFA PHOTOS

WORK RECOMMENDATION REPORT

No. of work recs: 1

Work Rec Type	Submission Date	Status
Repair/Replace End Section (Each)	2024-01-04 10:34 AM	Open

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