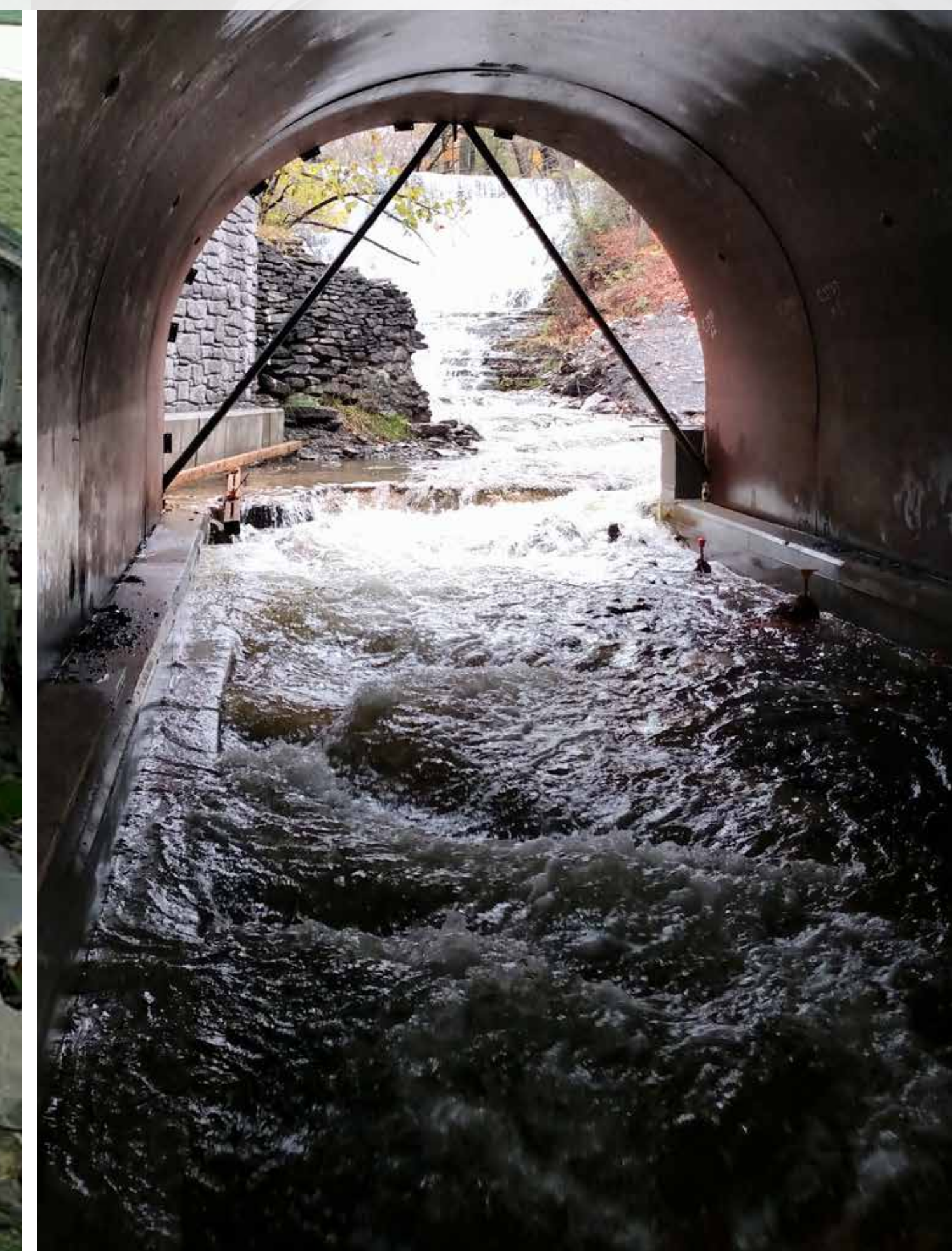


CR156 (PLANK ROAD) OVER JACOBS CREEK

MAINTAINING HISTORIC AESTHETICS WHILE ADDRESSING SAFETY AND STRUCTURAL INTEGRITY



Objectives:

Structural

- Address the structural integrity of the culvert so it will last another 50 years with only “normal” maintenance,
- Address the structural integrity of the parapet walls,
- Maintain the look of the arch and the historical character of the area.

Safety

- Improve sight distance for vehicles on CR 156 and vehicles using the local driveways including the cider mill,
- Provide improved pedestrian access and parking accommodations along the roadway especially in times of peak traffic flow like Fall when the cider mill is in peak operation.

Drainage

- Address the drainage concerns along the project

Final Results include:

- A steel liner inside the arch to re-establish the structural integrity of the arch while maintaining its historic nature,
- Building four new retaining walls which widened the road to eliminate the safety issues of a limited sight distance especially when visitors to the cider mill park on both sides of the road,
- Capturing runoff so it will not sheet across the roadway and cause an icing problem. Water coming off the hill was also captured in closed drainage systems to eliminate roadway flooding and a new drainage system was installed that captured much of the current flow to reduce the load on the existing system.

