VILLAGE BOARD MEETING **VILLAGE OF HARRISON**

From:
Chad Pelishek, Village Manager

Meeting Date:
September 21, 2026

Title: Emergency Repair: Culvert Pipe Lining under Firelane 12

Recommended Action:
Motion to approve the emergency repair of the Firelane 12 culvert through Subsurface, Inc. for an amount not to exceed $45,868, with work scheduled this fall to capture mobilization savings and protect the newly repaved roadway.

Background and Additional Information:
Firelane 12 was recently repaved. During the associated clearing, grubbing, and riprap placement work, staff identified that the bottom of the culvert pipe beneath the roadway has rusted out. The deterioration creates an immediate concern for continued support of the roadway structure and could lead to a more extensive—and significantly more disruptive—failure if not addressed promptly.

Because the culvert is located beneath newly completed pavement, conventional replacement would require excavation through the roadway, removal and replacement of pavement, and substantial disruption to traffic and adjacent areas.

Subsurface, Inc. has proposed rehabilitating the 82-linear-foot, 36-inch corrugated metal pipe using an ultraviolet-cured-in-place pipe (UV CIPP) liner. The trenchless process includes pipe cleaning, pre-installation televising, liner installation, and post-installation televising. The liner is designed to function as a structural, jointless pipe within the deteriorated host pipe, avoiding the need to excavate the recently repaved roadway.

Subsurface, Inc. is scheduled to perform work in Brown County and Winnebago County this fall. Completing this repair during that regional work window allows the Village to take advantage of reduced mobilization costs. The quoted mobilization is $5,000 when coordinated with other eastern Wisconsin projects; the cost would increase to $12,000 if a separate trip is required.

Completing the repair now will also preserve the recently repaved Firelane 12 surface, minimize impacts to motorists, and reduce the likelihood of an emergency roadway failure requiring a more costly open-cut replacement. The trenchless lining approach is intended to avoid a road closure and detour while providing a structural rehabilitation of the failed culvert.

Budget Impacts: $45,868- Stormwater Utility Funds

Attachments:

Quote from Subsurface, Inc.





