

Project Phasing

Phase 1- Demolition (Spring, 2024)

As previously noted, the existing structure impedes the use of the shoreline and is a safety hazard and eyesore to patrons of the Sunset Station. Phase 1 of the park revitalization includes removal of the existing structure and grading the existing sand to a stable slope. Following shoreline grading, the slope will be planted with native dune grass. To help maintain a stable slope until supplemental stability measures can be implemented.

It is expected that Arcadia Township will self-fund Phase 1, in the interests of creating a safe and usable shoreline for park patrons. A United States Army Corps of Engineers permit has been obtained for this phase and is included in the Appendix for reference.

Phase 2—Enhanced Shoreline Stabilization

Phase 2 of the Sunset Station revitalization plan includes installation of supplemental erosion control measures that are intended to protect the end of Lake Avenue during the next high water period. These measures include installation of a buried sheet pile wall and armor stone that have been designed to resist storm waves during a high-water scenario. These hardened measures will be buried beneath a restored dune that will be planted with native vegetation. The combined system will restore the natural dune while also providing long-term protection for critical infrastructure.

The intent of Phase 2 is to provide a Sunset Station that is accessible and usable by the public while also providing long term protections for the infrastructure on site.

It is expected that Phase 2 will be implemented when grant funds become available. The proposed funding request is for completion of Phase 2 of the project.



Image 1: Existing Sheet Pile Wall



Image 2: Existing Sheet Pile Wall and Broken Paving