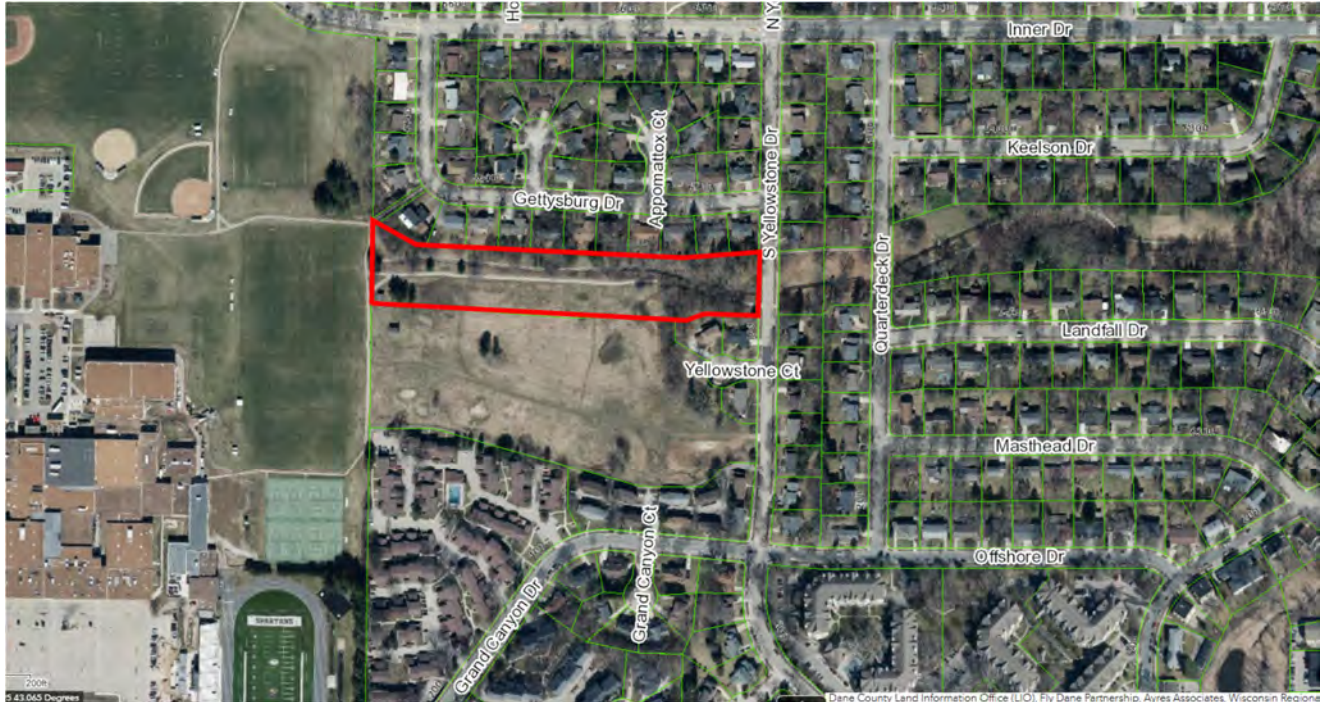


Memorial High School Greenway / Faircrest Cunnette Repair
Contract 9731
MUNIS 15958



Location Map

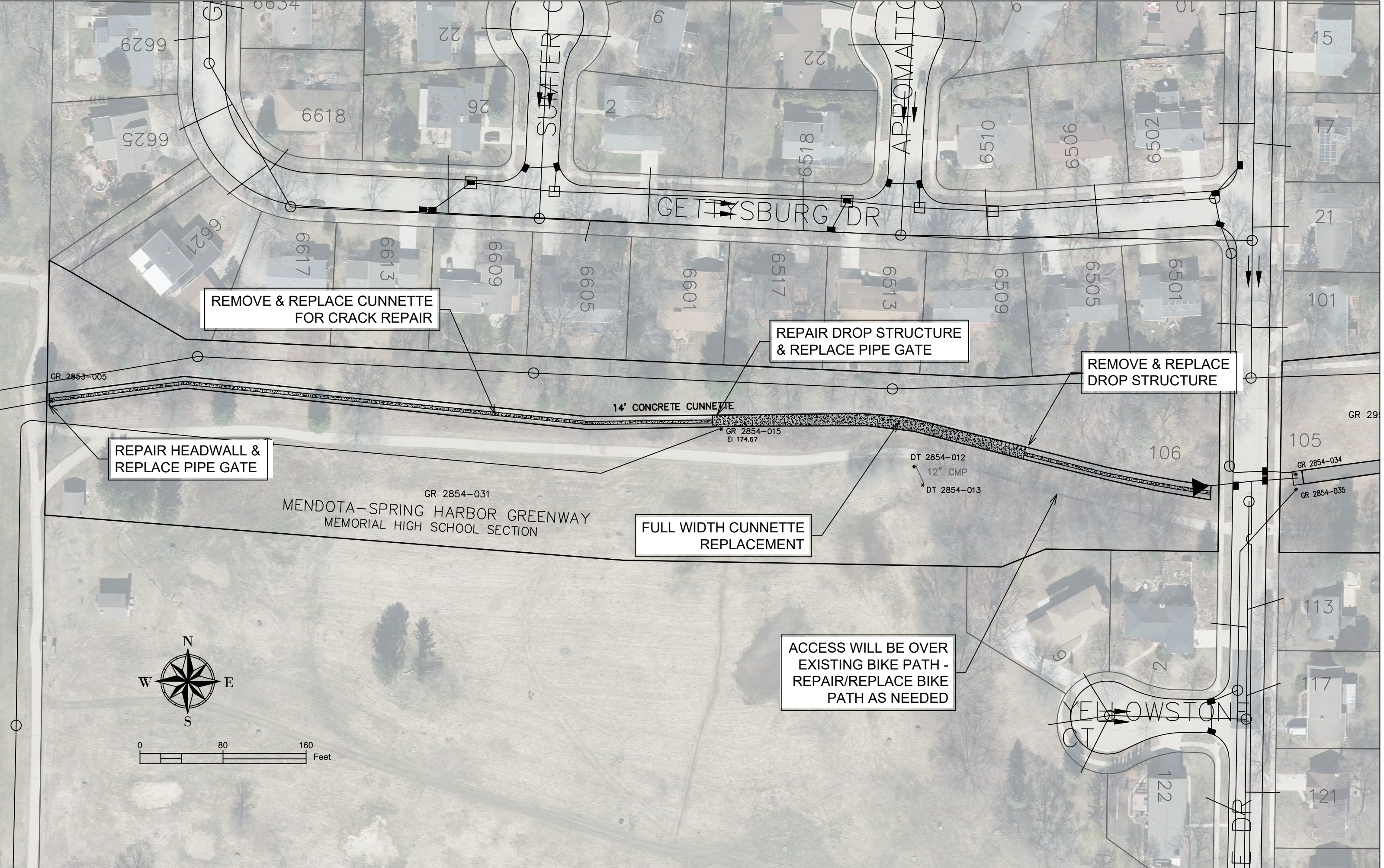
Project Summary

The existing cunnette was constructed in the late 1960's, is approximately 1,130 feet in length, and provides drainage from Memorial High School on the west end to culverts at S Yellowstone DR. An existing storm sewer ties into the cunnette at one of the drop structures that drains the West Towne Ponds on the south side of Mineral Point RD.

To extend the service life of the cunnette and provide protection from infiltration of stormwater into the adjacent closed Mineral Point Landfill repairs are proposed to this section. An approximate 300 L.F. section is recommended for full-width replacement and the remainder is recommended for crack repair. The headwall at the upstream end requires a new pipe gate and grouting to alleviate undercutting of the existing storm pipe. The central drop structure requires a new pipe gate, under-pipe grouting, and some void space filling. The easternmost drop structure requires full replacement and will be the end of the proposed full-width cunnette replacement section.

Estimated Project Cost: \$600,000.00

(project plan exhibit and photos follow)



REMOVE & REPLACE CUNNETTE
FOR CRACK REPAIR

REPAIR DROP STRUCTURE
& REPLACE PIPE GATE

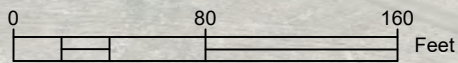
REMOVE & REPLACE
DROP STRUCTURE

REPAIR HEADWALL &
REPLACE PIPE GATE

14' CONCRETE CUNNETTE

FULL WIDTH CUNNETTE
REPLACEMENT

ACCESS WILL BE OVER
EXISTING BIKE PATH -
REPAIR/REPLACE BIKE
PATH AS NEEDED



GR 2854-031
MENDOTA-SPRING HARBOR GREENWAY
MEMORIAL HIGH SCHOOL SECTION

DT 2854-012
* 12" CMP
* DT 2854-013

GR 2854-034
* GR 2854-035

West End Headwall – Needs new pipe gate & under-pipe repair



Typical West Section Crack to Repair



Central Drop Structure – Provide New Gate, Under-Pipe Repair & Void Repairs



Typical Full Width Replacement Section



Eastern Drop Structure to Remove & Replace

