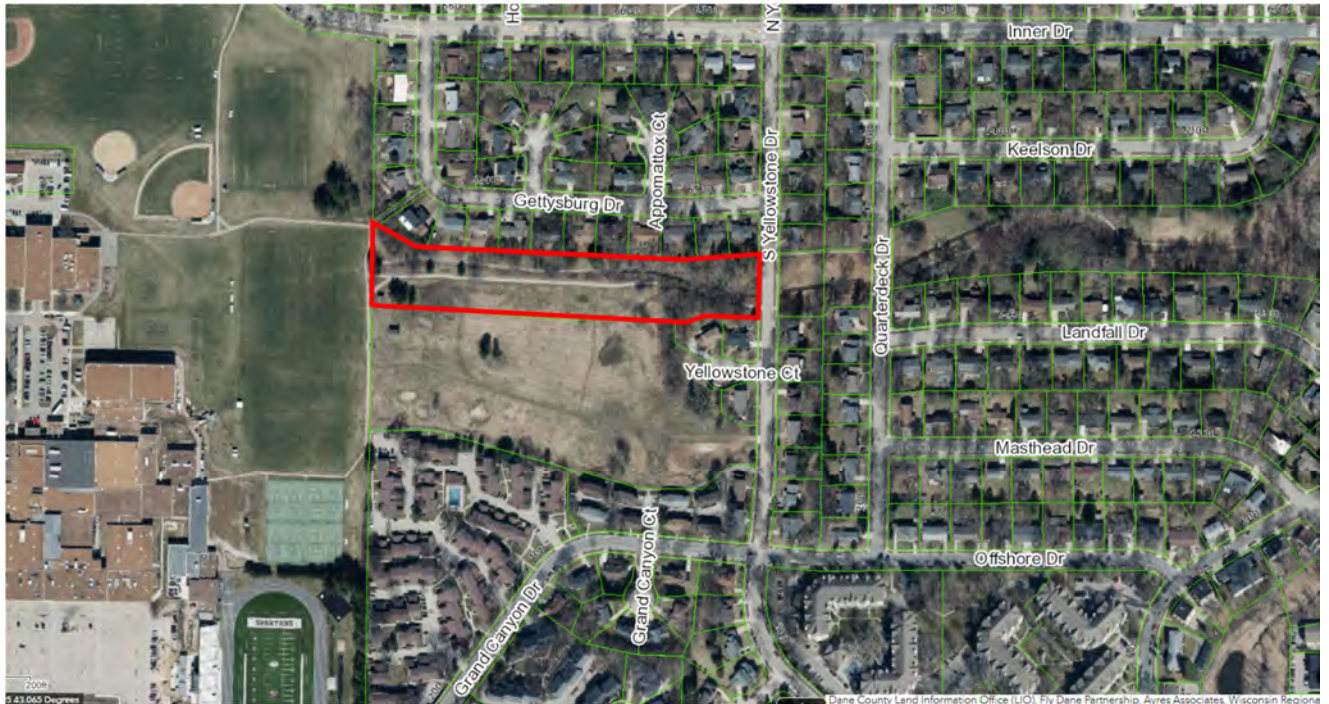


**Memorial High School Greenway / Faircrest Cunnette Repair**  
**Contract 9731**  
**MUNIS 15958**



**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

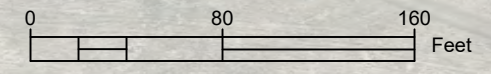
REMOVE & REPLACE DROP STRUCTURE

REPAIR HEADWALL & REPLACE PIPE GATE

FULL WIDTH CUNNETTE REPLACEMENT

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

14' CONCRETE CUNNETTE



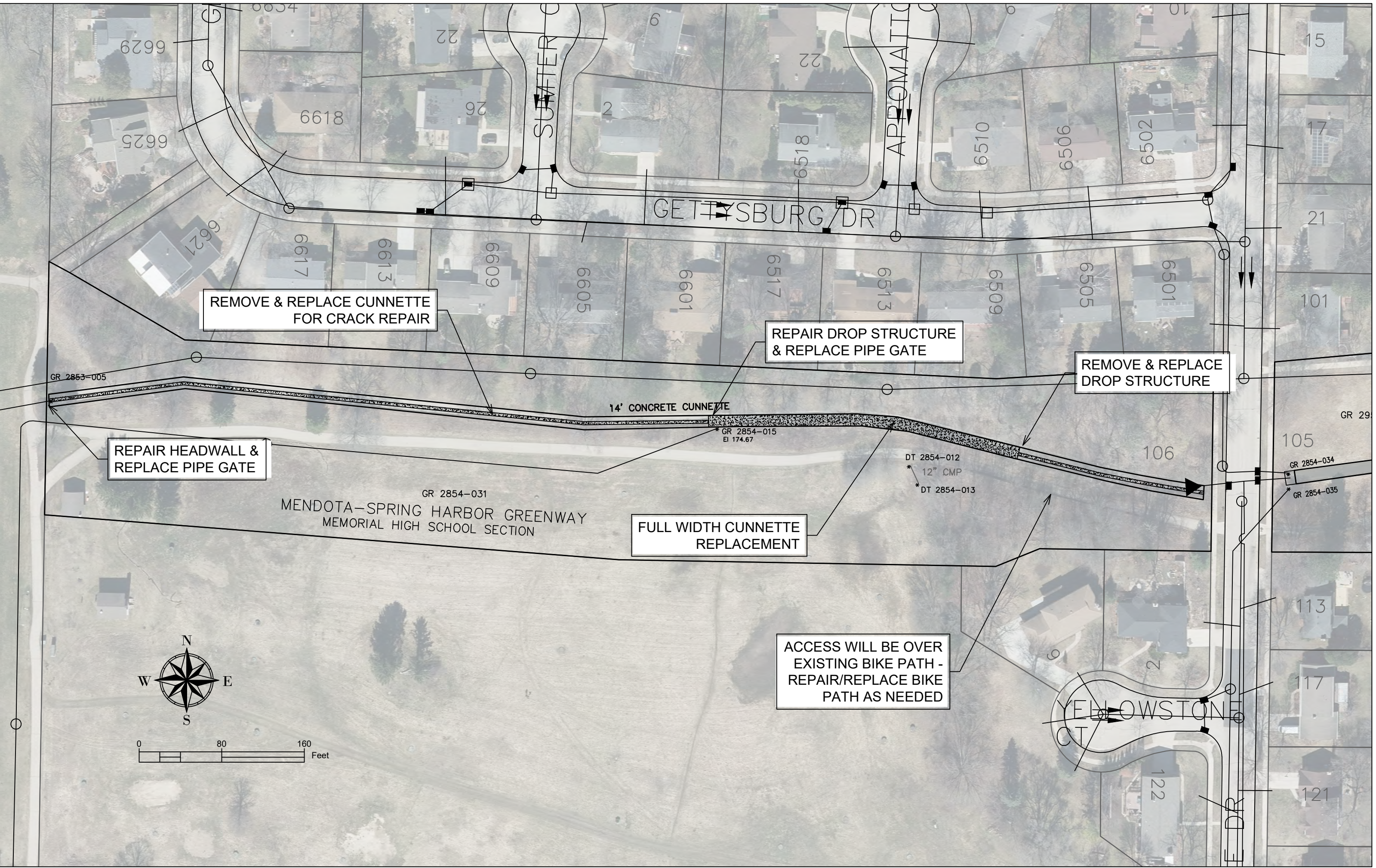
GR 2853-005

GR 2854-015  
EI 174.67

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

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

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**

