

**Memorandum
Public Works Department**



To: City Manager
Subject: Storm Water System Improvements
Date: December 3, 2012
Number: 2012-277

Two City storm sewers discharge into the private creek/ravine between Foxwood Court and Partridge Circle. One pipeline drains a portion of Fox Trail 1st Addition from the north and the other drains a portion of Foxwood 1st Addition from the south. The private creek/ravine in the area of the outfalls from these pipelines is severely eroded and the City storm sewer outfalls are falling into the crevasse created by the erosion. The severely eroded area is shown by the blue oval on the attached aerial photograph.

The correction of this problem is a joint public/private responsibility. The City is responsible for the maintenance of the storm sewer pipelines and the private property owners are responsible for maintenance of the private creek/ravine. There is no point in repairing the outfalls unless the underlying creek/ravine erosion problem is also corrected. The property owners adjacent to the problem have been very cooperative and a partnership framework for a long-term solution has been developed.

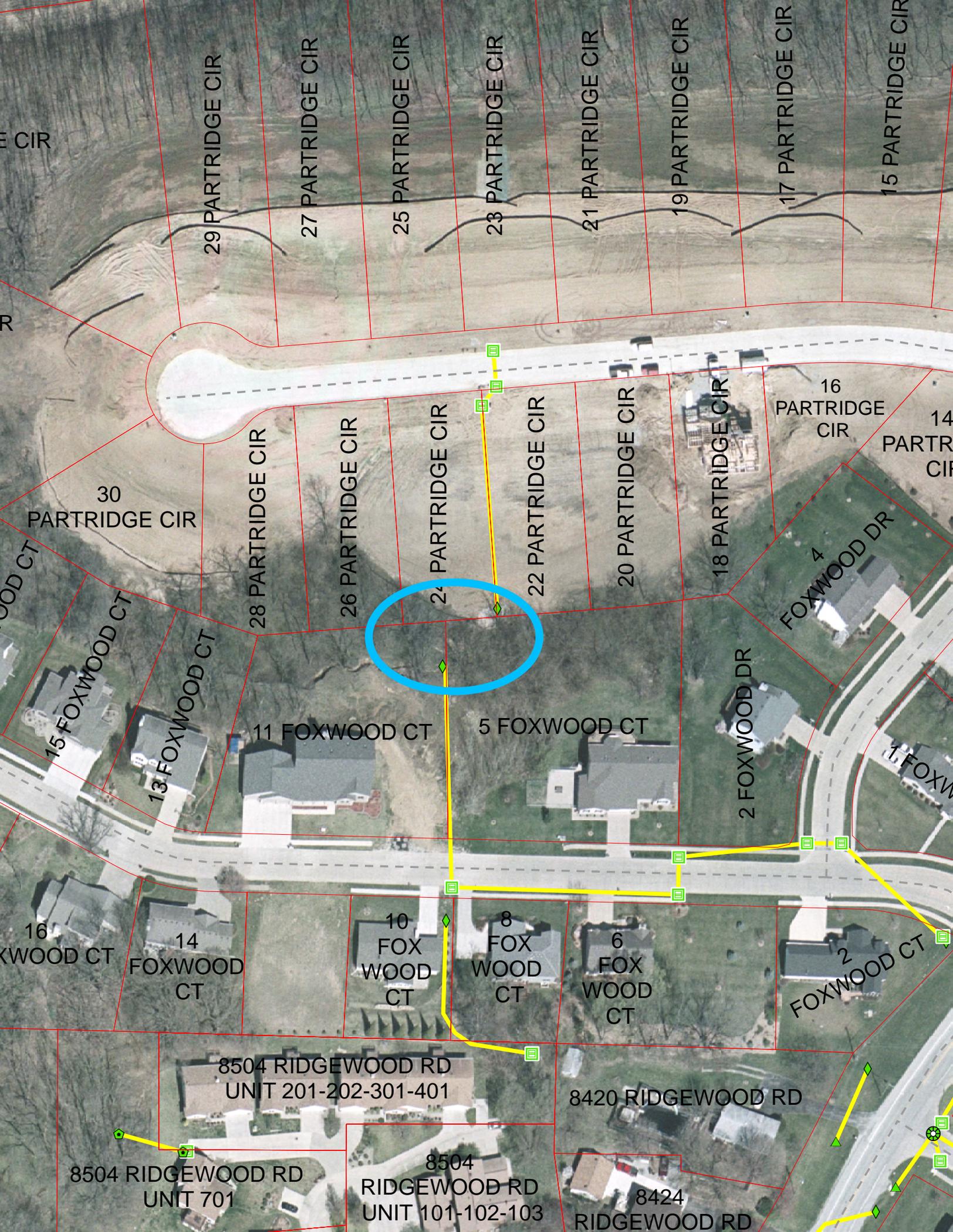
The proposed solution involves the connection of the two City storm sewer pipelines, the installation of energy dissipation in the system and armoring the private creek/ravine at the outfall from the new pipelines. The estimated cost of the work is \$47,000. The owners of the parcels adjacent to the existing storm sewer pipelines (Jack Monnier @ 22 and 24 Partridge Court; Dale Steele @ 5 Foxwood Court; Jack Wiese @ 11 Foxwood Court) have agreed to contribute \$13,500 to the project under the following general terms.

1. The City will design and construct all the improvements.
2. The City will pay all the costs of the project.
3. The City will maintain the improvements.
4. The private property owners will donate the necessary easements.
5. The private property owners will contribute a total of \$13,500 to the project.
6. The actual proration of the private property owner contributions will be determined by them.
7. The private property owner contributions can be paid annually over a ten-year period beginning in the January after the improvements have been completed. The private property owners will pay interest on the unpaid balance of the contributions at the same rate as special assessments (70% of the Commercial Prime Rate).
8. The construction will be undertaken in 2013 as part of the annual storm sewer outfall improvement program.

RECOMMENDATION

The Public Works Department recommends that the City Council authorize the staff to finalize individual agreements with the property owners based upon the general terms outlined above and return the final agreements to the City Council for approval.

Submitted by: Robert T. Hawes, P.E., Assistant City Manager/Public Works Director



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UNIT 701

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