



## MEMORANDUM

**To:** Mayor and City Council

**From:** Kenneth M. Griffin, P.E., Director of Engineering and Public Works

**Date:** May 14, 2013

**Reference:** Interlocal Agreement with the Denton County Levee Improvement District No. 1 for storm drain repair and erosion control in Denton Creek.

**2030:** Sustainable City Government, Goal 3  
Excellent and Well-maintained City Infrastructure and Facilities

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### **Introduction:**

The Vistas of Coppell installed 7 storm drains in the late 90's to accommodate the drainage in the subdivision which discharges into Denton Creek through the levee bank between Denton Tap Rd. and MacArthur Blvd. The levee is maintained and operated by the Denton County Levee Improvement District No. 1, (LID). The LID performs periodic inspections of their levee system and has determined that all 7 outfalls into the creek have significant erosion. The erosion around these outfalls on the levee bank has begun to undermine the slope end sections of the pipe causing the headwalls to begin falling into the creek. Without repairing these structures, the levee could become compromised and resulting in more costly repairs in the future.

### **Analysis:**

The LID hired Half Associates, Inc. to design the repair of these structures and manage the construction project. The total cost of the project is \$47,000 and the City of Coppell would be responsible for half that amount, which is \$23,500.00. The Engineering Department will also assign an inspector to the project to ensure proper construction.

### **Legal Review:**

Agenda item was reviewed by Bob Hager on 3/14/13.

### **Fiscal Impact:**

The fiscal impact of this Agenda item is \$23,500.

### **Recommendation:**

The Engineering Department recommends approval of the agreement with the Denton County Levee Improvement District No. 1.