

# Memorandum



DATE December 4, 2009

TO Trinity River Committee Members:  
David Neumann (Chair)  
Steve Salazar (Vice-Chair)  
Mayor Pro Tem Dwaine Caraway  
Deputy Mayor Pro Tem Pauline Medrano  
Carolyn R. Davis

Vonciel Jones Hill  
Delia Jasso  
Linda Koop

CITY OF DALLAS

SUBJECT **Margaret Hunt Hill Bridge  
Advance Funding Agreement Amendment and Supplemental Agreement #1 to  
Santiago Calatrava**

On the December 9, 2009 Council Agenda, there will be two items for your approval, which are associated with the construction of the Margaret Hunt Hill Bridge.

The first item is approval of an amendment to the Advance Funding Agreement with the Texas Department of Transportation (TxDOT) for the construction of the Margaret Hunt Hill Bridge. This amendment will reimburse TxDOT for several change orders related to the construction of the bridge. These changes are a result of conditions encountered by the contractor (Williams Bros.) in the field that differed from what had been shown in the plans and specifications for the bridge construction. As outlined in the Advance Funding Agreement signed by the City of Dallas and TxDOT, all approved changes increasing the construction costs shall be the responsibility of the City of Dallas. The individual line items, totaling \$249,169.10 and payable to TxDOT, are as follows:

1. A decrease of \$138.41 – Quantities and unit prices on steel for the central box girder and arch pylon were reduced.
2. No change in cost – Contractor incorporated new TxDOT Dallas District Environmental Permits, Issues and Commitments (EPIC) Sheets.
3. An increase of \$3,893.71 – Consultant design modifications for bridge columns required additional material for bearing plates.
4. A decrease of \$315,000.00 – Revision of storm drain system resulting in reduction of materials quantities and labor.
5. No change in cost – Contractor requested change of materials from foreign suppliers to domestic suppliers.
6. An increase of \$32,431.00 – Contractor provided additional work for river channel excavation near the 84" columns.
7. An increase of \$3,157.00 - Contractor provided additional work to install construction exits, which were to be installed "by others".
8. No change in cost – Due to rains experienced during the summer of 2007, Contractor requested the addition of 28 working days to the contract duration.
9. Increases of \$54,350.00 – Drill shafts into bearing material (shale) were deeper than anticipated and as stated on the original plan quantity.
10. An increase of \$457,585.00 – Corps rejected the original illumination plan, which called for boring under the levees to accommodate conduits and wiring. Revised plan required additional work to go up and over the levees and to attach conduit to the bridge structure. It also added quantities of conduit, cable, fixtures and receptacles.

In addition to these items, we are requesting approval of Supplemental Agreement #1 with the design consultant, Santiago Calatrava, S.A., in the amount of \$456,795 for additional services provided during the design and construction phasing of the bridge. These additional services were either at the request of the City of Dallas, or as a result of increased design oversight due to the complex and unique nature of this bridge. The additional services include:

- Additional wind tunnel analysis (due to City of Dallas requested design change, which resulted in a cost savings on the bridge construction)
- Increased reviews of shop drawings and erection procedures
- Extended completion date (from January 2010 to mid 2011, due to rain delays and extended review process)

Funding for both of these items will come from the 1998 Bond Program. Your approval is requested for these items on the December 9, 2009 Council Agenda. Please let me know if you have any additional questions.



Jill A. Jordan, P.E.  
Assistant City Manager



**THE TRINITY**  
DALLAS

c: Honorable Mayor and Members of the City Council  
Mary K. Suhm, City Manager  
Ryan S. Evans, First Assistant City Manager  
A. C. Gonzalez, Assistant City Manager  
Forest E. Turner, Assistant City Manager  
David K. Cook, Chief Financial Officer  
Deborah A. Watkins, City Secretary  
Thomas P. Perkins, Jr., City Attorney  
Craig D. Kinton, City Auditor  
Judge C. Victor Lander  
Helena Stevens-Thompson, Asst. to the City Manager  
Frank Libro, Director, Public Information Office