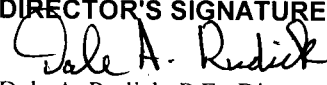
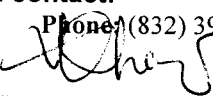
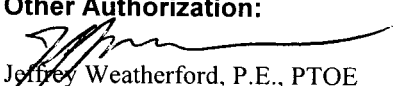


SUBJECT: A Grant Agreement between the City of Houston and the Federal Highway Administration (FHWA) for the design-build of Intelligent Transportation Systems (ITS) along multiple corridors within the City of Houston.		Category #	Page 1 of <u>1</u>	Agenda Item #
FROM (Traffic Operations): Department of Public Works and Engineering		Origination Date		Agenda Date
DIRECTOR'S SIGNATURE:  Dale A. Rudick, P.E., Director		Council District affected: All		
For additional information contact: Khang Nguyen, P.E., PTOE Traffic Operations Division 		Date and identification of prior authorizing Council action: Resolution No. 2013-64; Date: 4/23/2014		
RECOMMENDATION: (Summary) Adopt an Ordinance approving and authorizing a Grant Agreement between the City of Houston and FHWA.				
Amount and Source of Funding: N/A				
PROJECT NOTICE/JUSTIFICATION: <p>The City of Houston was awarded a Transportation Investment Generating Economic Recovery (TIGER 2014) Grant to deploy Intelligent Transportation Systems (ITS) within the City of Houston. TIGER is a supplementary discretionary grant program included in the American Recovery and Reinvestment Act of 2009 administered by the FHWA.</p> <p>The City of Houston was awarded \$10 million to deploy ITS infrastructure to monitor and manage arterial traffic in real-time. The system will:</p> <ul style="list-style-type: none"> • Allow traffic management staff to detect and respond to congestion and incidents in real-time; • Provide real-time traveler information to the public and partner agencies for analysis and planning; • Reduce travel delay and emissions. • Improve capacity, accessibility, and travel time reliability; • Enable traffic management staff to optimize signal operations by customizing timing plans for varying traffic demands; • Allow maintenance staff to identify, assess, and respond quicker to equipment failures. <p>The total project cost is \$25,782,774. Approval of this funding agreement will allow the City to be reimbursed \$10,000,000 of the project cost. Reimbursement will be through monthly billing as construction costs are incurred. The City will be responsible for the remaining project costs of \$15,782,774 which are programmed in the CIP.</p> <p>This ordinance will allow the City to enter into an agreement with the Federal Highway Administration to accept the \$10,000,000 in funding. A design-build best value contract is being selected through an RFQ/RFP process. Once the selection of a provider is made, a contract will be brought forward to Council for approval.</p> <p>The Department of Public Works and Engineering requests City Council approve a Transportation Investment Generating Economic Recovery (TIGER 2014) Grant Agreement to deploy Intelligent Transportation Systems (ITS) within the City of Houston.</p>				
LTS # 13261		REQUIRED AUTHORIZATION		CUIC ID # 20JSW108R
Finance Director:	Other Authorization:	Other Authorization:  Jeffrey Weatherford, P.E., PTOE Deputy Director Traffic Operations Division		

Date	Subject: Grant Agreement between the City of Houston and the Federal Highway Administration (FHWA) for the design-build of Intelligent Transportation Systems (ITS) along multiple corridors within the City of Houston.	Originator's Initials	Page <u>2</u> of <u>2</u>
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The City's responsibility is in the amount of \$15,782,774 and is programmed in the CIP over next 3 years, as referenced below.

(Funding information only)

FY16 N-310650
4040 – METRO Projects Construction - DDSRF \$6,282,774
5030 – Federal State Local – Pass Through Fund \$3,000,000

FY17 N-310651
4040 – METRO Projects Construction - DDSRF \$5,000,000
5030 – Federal State Local – Pass Through Fund \$7,000,000

FY18 N-310651
4040 – METRO Projects Construction - DDSRF \$4,500,000
5030 – Federal State Local – Pass Through Fund \$0