



Legislation Details (With Text)

**File #:** 19-1712      **Version:** 1      **Name:**  
**Type:** CONSENT AGENDA      **Status:** Approved  
**File created:** 10/23/2019      **In control:** Department of Public Works  
**On agenda:** 1/8/2020      **Final action:** 1/8/2020

**Title:** Authorize Supplemental Agreement No. 5 to the professional services contract with WSP USA, Inc., formerly known as Parsons Brinkerhoff, Inc., for additional engineering design of retaining walls required to prevent encroachment into adjacent properties and design modifications to mitigate high soil sulphates along Chalk Hill Road from Interstate Highway 30 (IH-30) westbound frontage road to Singleton Boulevard and the revision of the soil nail wall plan due to a gas main conflict along Chalk Hill Road from Davis Street to 800 feet south of IH-30 - Not to exceed \$125,446.48, from \$1,430,649.28 to \$1,556,095.76 - Financing: Street and Transportation Improvements Fund (2006 Bond Funds)

**Sponsors:**

**Indexes:** 6

**Code sections:**

**Attachments:** 1. Resolution, 2. Maps

Date	Ver.	Action By	Action	Result
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**STRATEGIC PRIORITY:** Mobility Solutions, Infrastructure, and Sustainability

**AGENDA DATE:** January 8, 2020

**COUNCIL DISTRICT(S):** 6

**DEPARTMENT:** Department of Public Works

**EXECUTIVE:** Majed Al-Ghafry

**SUBJECT**

Authorize Supplemental Agreement No. 5 to the professional services contract with WSP USA, Inc., formerly known as Parsons Brinkerhoff, Inc., for additional engineering design of retaining walls required to prevent encroachment into adjacent properties and design modifications to mitigate high soil sulphates along Chalk Hill Road from Interstate Highway 30 (IH-30) westbound frontage road to Singleton Boulevard and the revision of the soil nail wall plan due to a gas main conflict along Chalk Hill Road from Davis Street to 800 feet south of IH-30 - Not to exceed \$125,446.48, from \$1,430,649.28 to \$1,556,095.76 - Financing: Street and Transportation Improvements Fund (2006 Bond Funds)

**BACKGROUND**

On January 23, 2008, City Council authorized a professional services contract for two thoroughfare

improvement projects with PB Americas, Inc. dba Parsons Brinckerhoff Americas, Inc. for the engineering design of street paving, storm drainage, railroad crossing, and water and wastewater main improvements on Chalk Hill Road from Davis Street to 800 feet south of IH-30 (Chalk Hill Road, South Project) and Chalk Hill Road from IH-30 frontage road to Singleton Boulevard (Chalk Hill Road, North Project) by Resolution No. 08-0324.

During the construction of the Chalk Hill Road, South Project, a section of the existing 8-inch gas main was discovered to be in conflict with the soil nail wall. Consequently, it is necessary to redesign the wall to avoid the gas main. The ongoing geotechnical testing during construction shows a much higher soil sulphate content than was originally anticipated and this needs to be mitigated for the Chalk Hill Road, North Project. In addition, due to the terrain along the Chalk Hill Road, North Project, it is necessary to provide retaining walls to limit impacts and avoid encroachments into adjacent properties.

This action will authorize Supplemental Agreement No. 5 to the professional services contract with WSP USA, Inc. for additional engineering design services to provide the retaining walls to prevent encroachment into adjacent properties and design modifications to mitigate high soil sulphates encountered along the Chalk Hill Road, North Project and the revision of the soil nail wall plan due to a gas main conflict along the Chalk Hill Road, South Project.

### **ESTIMATED SCHEDULE OF PROJECT**

#### Chalk Hill Road, South Project

Began Design	February 2008
Completed Design	August 2016

#### Chalk Hill Road, North Project

Began Design	February 2008
Complete Design	April 2020

### **PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

On January 23, 2008, City Council authorized a professional services contract with PB Americas, Inc. dba Parsons Brinckerhoff Americas, Inc. for the design of thoroughfares projects for Chalk Hill Road from IH-30 frontage road to Singleton Boulevard and Chalk Hill Road from Davis Street to 800 feet south of IH-30 by Resolution No. 08-0324.

On May 26, 2010, City Council authorized approval of the proposed alignments for Chalk Hill Road from West Davis Street to 800 feet south of the IH-30 eastbound frontage road and Chalk Hill Road from the IH-30 westbound frontage road to Singleton Boulevard, from its current alignment to the proposed alignment by Resolution No. 10-1330.

On December 8, 2010, City Council authorized Supplemental Agreement No. 1 to the professional services contract with PB Americas, Inc. dba Parsons Brinckerhoff Americas, Inc. for additional engineering and survey services for Chalk Hill Road from West Davis Street to 800 feet south of IH-

30 eastbound frontage road by Resolution No. 10-3076.

On December 8, 2010, City Council authorized Supplemental Agreement No. 1 to the professional services contract with PB Americas, Inc. dba Parsons Brinckerhoff Americas, Inc., for additional engineering and survey services on Chalk Hill Road from IH-30 westbound frontage road to Singleton Boulevard by Resolution No. 10-3077.

On December 9, 2015, City Council authorized Supplemental Agreement No. 2 to the professional services contract with Parsons Brinckerhoff, Inc. for additional engineering services for Chalk Hill Road from West Davis Street to 800 feet south of the IH-30 eastbound frontage road and Chalk Hill Road from the IH-30 westbound frontage road to Singleton Boulevard by Resolution No. 15-2221.

On January 11, 2017, City Council authorized Supplemental Agreement No. 4 to the professional services contract with Parsons Brinckerhoff, Inc. for additional engineering design of the precast concrete panel retaining wall and the associated drainage design modification needed for Chalk Hill Road from Davis Street to 800 feet south of IH-30 by Resolution No. 17-0082.

**FISCAL INFORMATION**

Street and Transportation Improvements Fund (2006 Bond Funds) - \$125,446.48

Design	\$ 971,714.50
Supplemental Agreement No. 1	\$ 236,037.80
Supplemental Agreement No. 2	\$ 94,000.70
Supplemental Agreement No. 3	\$ 42,857.14
Supplemental Agreement No. 4	\$ 86,039.14
Supplemental Agreement No. 5 (this action)	\$ <u>125,446.48</u>
Total	\$1,556,095.76

**M/WBE INFORMATION**

In accordance with the City's Business Inclusion and Development Plan adopted on October 22, 2008, by Resolution No. 08-2826, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Category	M/WBE Goal	M/WBE %	M/WBE \$
\$125,446.48	Architectural & Engineering	25.66%	28.58%	\$35,850.60
• This contract exceeds the M/WBE goal.				
• Supplemental Agreement No. 5 - 32.22% Overall M/WBE participation				

**OWNER**

**WSP USA, Inc.**

Robert M. Brown, P.E., Vice President and Area Manager

**MAPS**

Attached