



## Staff Report

**TO:** City Council  
**FROM:** Jeff Hart, Public Works Director  
**DATE:** December 6, 2022  
**SUBJECT:** **Preliminary Engineering Agreement with Union Pacific Railroad for the Pennsylvania Avenue Grade Separation Project**

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**Description** Approve and sign a Preliminary Engineering agreement with the Union Pacific Railroad in an amount not to exceed \$450,000.

### **Background and Analysis:**

On July 19, 2022, the City Council approved an amendment to the professional services agreement with IDC Consulting Engineers, Inc. (IDC) for final design of the Pennsylvania Avenue Grade Separation Project. This project will create an underpass along Pennsylvania Avenue underneath the existing Union Pacific Railroad (UPRR) crossing. The intent is to alleviate traffic congestion and provide an alternate route for traffic to travel across the I-10 corridor without being affected by a train crossing.

Part of the project includes the design of a temporary “shoofly track” that will allow the railroad to continue operations during the construction of the grade separation. The City is required to coordinate with UPRR for design of all facilities within UPRR right-of-way, including the permanent bridge structure for the grade separation, and the temporary shoofly track.

UPRR has submitted the attached Preliminary Engineering Services Reimbursement Agreement for a not-to-exceed fee of \$450,000. This agreement outlines the following services:

- UPRR review of project designs, plans, and specifications,
- Field diagnostics and inspections,
- Preparation of project estimates and work performed by the railroad, and
- Project meetings and travel.

The City and UPRR will work collaboratively on the design of the grade separation project per the attached agreement. The City Attorney’s office has reviewed the agreement.

**Fiscal Impact:**

The following table is an overview of the current project funding, project budget, and remaining budget.

<b>2017-012 Pennsylvania Avenue Grade Separation Project Accounting Summary</b>				
<b>Funding Summary</b>				
<b>Funding Year</b>	<b>Funding Source</b>		<b>Amount</b>	
FY 17/18	Road & Bridge DIF		\$2,250,000.00	
FY 22/23	General Fund		\$1,000,000.00	
<b>Total Project Funding =</b>			<b>\$3,250,000.00</b>	
<b>Budget Summary</b>				
<b>Project Component</b>	<b>Budget</b>	<b>Encumbered</b>	<b>Paid to Date</b>	<b>Remaining Budget</b>
Project Management	\$8,475.60	(\$8,475.60)	(\$8,475.60)	\$0.00
Preliminary Services	\$0.00	\$0.00	\$0.00	\$0.00
Environmental	\$297,284.00	(\$52,284.00)	(\$49,993.65)	\$245,000.00
Design	\$1,990,183.00	(\$1,990,183.00)	(\$510,905.41)	\$0.00
Construction	\$404,057.40	\$0.00	\$0.00	\$404,057.40
Construction Management	\$0.00	\$0.00	\$0.00	\$0.00
Permits	\$550,000.00	\$0.00	\$0.00	\$550,000.00
Equipment	\$0.00	\$0.00	\$0.00	\$0.00
<b>Project Summary Totals</b>	<b>\$3,250,000.00</b>	<b>(\$2,050,942.60)</b>	<b>(\$569,374.66)</b>	<b>\$1,199,057.40</b>

The agreement with UPRR in an amount not to exceed \$450,000 will be paid from the established available Permits budget as shown in the preceding table.

**Recommended Action:**

Approve and sign a Preliminary Engineering agreement with the Union Pacific Railroad for the Pennsylvania Avenue Grade Separation Project in an amount not to exceed \$450,000.

**Attachments:**

- A. Union Pacific Railroad (UPRR) Preliminary Engineering Agreement