



## Legislation Text

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**File #:** 23-2898, **Version:** 1

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**Department:** County Engineer

**Department Head/Elected Official:** Milton Rahman, PhD, P.E., PMP, CFM, County Engineer

**Regular or Supplemental RCA:** Regular RCA

**Type of Request:** Contract - Award

**Project ID** (if applicable): UPIN 23101MF2XP01

**Vendor/Entity Legal Name** (if applicable): Gradient Group, LLC

**MWDBE Contracted Goal** (if applicable): 100%

**MWDBE Current Participation** (if applicable): N/A

**Justification for 0% MWDBE Participation Goal:** N/A - Goal is not 0% and is listed above

**Request Summary (Agenda Caption):**

Request for approval to execute an agreement with Gradient Group, LLC in the amount of \$105,072.40 for Professional Engineering Services to construct a traffic signal at the intersection of Imperial Valley Drive and Doubletree Glen Drive, UPIN 23101MF2XP01, Precinct 1, MWDBE Contracted Goal: 100%.

**Background and Discussion:**

A traffic study was conducted at Imperial Valley Drive at Doubletree Glen Drive, which warranted a traffic signal at the intersection. The traffic signal will enhance safety as it relates to the intersection operations.

**Expected Impact:**

The installation of the new traffic signal will improve the operations and public safety of the intersection.

**Alternative Options:**

Intersections are evaluated in accordance with the 2011 Texas Manual on Uniform Control Devices (TMUTCD), which takes into consideration traffic volume, crashes, pedestrian activity, and the roadway network. The intersection was evaluated and a traffic signal was warranted. Another option is to install multi-way stop control. However, this is recommended as an interim measure while arrangements are being made for the installation of the traffic control signal per the TMUTCD.

**Alignment with Goal(s):**

- ☐ Justice and Safety
- ☐ Economic Opportunity
- ☐ Housing

- ☐ Public Health  
☒ Transportation  
☐ Flooding  
☐ Environment  
☐ Governance and Customer Service

**Prior Court Action** (if any):

Date	Agenda Item #	Action Taken
2/21/2023	91	Authorization to Negotiate - Gradient

**Location:**

Address (if applicable): Imperial Valley Dr. at Doubletree Glen Dr.

Precinct(s): Precinct 1

<b>Fiscal and Personnel Summary</b>			
Service Name	Professional Services		
	<b>FY 23</b>	<b>FY 24</b>	<b>Next 3 FYs</b>
<b>Incremental Expenditures (do NOT write values in thousands or millions)</b>			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$105,072.40	\$	\$
<b>Total Incremental Expenditures</b>	<b>\$105,072.40</b>	<b>\$</b>	<b>\$</b>
<b>Funding Sources (do NOT write values in thousands or millions)</b>			
Existing Budget			
1070 - Mobility Fund	<b>\$105,072.40</b>	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
<b>Total Current Budget</b>	<b>\$105,072.40</b>	<b>\$</b>	<b>\$</b>
Additional Budget Requested			
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
<b>Total Additional Budget Requested</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Total Funding Sources</b>	<b>\$105,072.40</b>	<b>\$</b>	<b>\$</b>
<b>Personnel</b> (Fill out section only if requesting new PCNs)			
Current Position Count for Service	-	-	-
Additional Positions Requested	-	-	-
<b>Total Personnel</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Anticipated Court Date:** May 16, 2023

**Anticipated Implementation Date (if different from Court date):**

**Emergency/Disaster Recovery Note:** Not an emergency, disaster, or COVID-19 related item

**Contact(s) name, title, department:** Mohammad Huq, P.E., Traffic Design Senior Project Manager, Engineering Department

**Attachments** (if applicable): Agreement