

Project Name: Traffic Signal at 29th @ Texas

CIP Project:

Location: 29th @ Texas

Council District: 1
Type / Source: Traffic Signals / MP
2007

Status: Under Design

CIP Ranking: 0
Projected Cost Year: 2015
Projected Cost: \$315,000
Original Cost Year: 2009

Description

This project includes a complete replacement of this traffic signal, including a new controller / cabinet, mast arms, LED signals, pedestrian facilities/signals, detection, communication, illumination, confirmation lights, and internally illuminated street name signs.

Justification

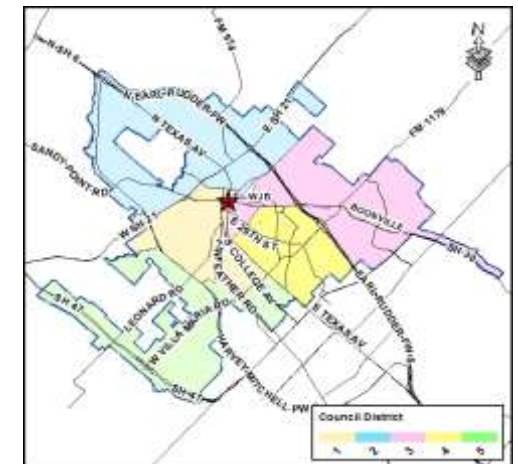
This signal currently operates in a fixed-interval mode and has no functioning vehicle detection, which makes it highly inefficient. Also, aerial cable has been added to the signal for additional signal phases, causing one of the signal poles to begin leaning. Furthermore, 29th Street is one of the primary entryways in to the downtown area and replacing the signal has been identified as a high priority to reduce delays and improve safety for motorists traveling to/from this area. Being completed under HSIP in 2018.

Funding

Type	Original	Source	2018	2019	2020	2021	2022
Traffic Signal	\$40,000	Other	\$0	\$0	\$0	\$0	\$0
Design/Survey	\$40,000		\$0	\$0	\$0	\$0	\$0
Traffic Signal	\$200,000	Other	\$0	\$0	\$0	\$0	\$0
Const/ROW	\$200,000		\$0	\$0	\$0	\$0	\$0
Total	\$240,000		\$0	\$0	\$0	\$0	\$0

Funding Source Summary

Source	Original	2018	2019	2020	2021	2022
Other	\$240,000	\$0	\$0	\$0	\$0	\$0
Total	\$240,000	\$0	\$0	\$0	\$0	\$0



Project Name: Traffic Signal at S. College @ Villa Maria

CIP Project: D7-1024

Location: S. College @ Villa Maria

Council District: 1,5
Type / Source: Traffic Signals / MP
 2007

CIP Ranking: 0
Projected Cost Year: 2016
Projected Cost: \$399,000
Original Cost Year: 2007

Status: Under Design

Description

The project includes complete replacement of this traffic signal, including new mast arms, LED signals, pedestrian facilities/signals, detection, communication, illumination, confirmation lights, and roadway. (HSIP Project)

Justification

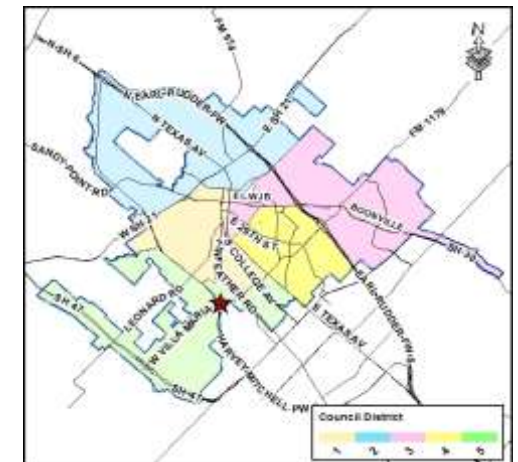
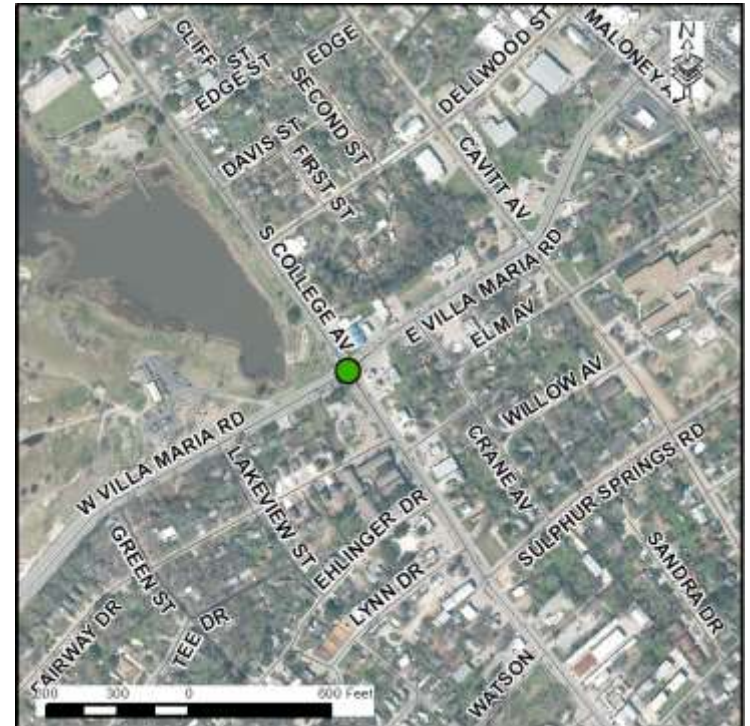
Because of the geometric conditions and age of the signal, this intersection operates inefficiently. Adding newer hardware and technology and improving geometry would greatly enhance safety and operations along this important business corridor. Include in HSIP for 2016

Funding

Type	Original	Source	2018	2019	2020	2021	2022
Traffic Signal	\$30,000	Other	\$0	\$0	\$0	\$0	\$0
Design/Survey	\$30,000		\$0	\$0	\$0	\$0	\$0
Traffic Signal	\$250,000	Other	\$0	\$0	\$0	\$0	\$0
Const/ROW	\$250,000		\$0	\$0	\$0	\$0	\$0
Total	\$280,000		\$0	\$0	\$0	\$0	\$0

Funding Source Summary

Source	Original	2018	2019	2020	2021	2022
Other	\$280,000	\$0	\$0	\$0	\$0	\$0
Total	\$280,000	\$0	\$0	\$0	\$0	\$0



Project Name: Traffic Signal at S. College @ Carson

CIP Project:

Location: S. College @ Carson

Council District: 1
Type / Source: Traffic Signals / MP
 2007

CIP Ranking: 0
Projected Cost Year: 2022
Projected Cost: \$467,000
Original Cost Year: 2009

Status: Unfunded

Description

The project includes complete replacement of this traffic signal, including a new controller / cabinet, mast arms, LED signals, pedestrian facilities/signals, detection, communication, illumination, and confirmation lights. (HSIP Project)

Justification

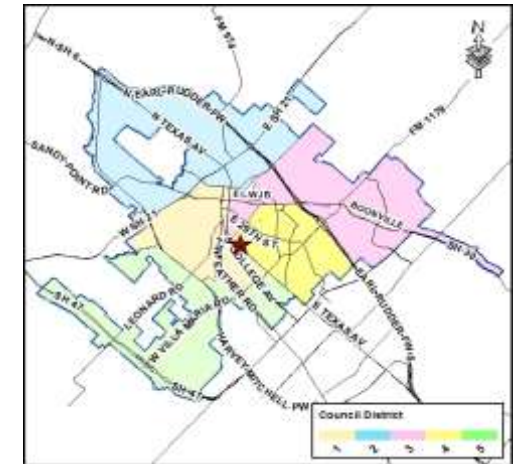
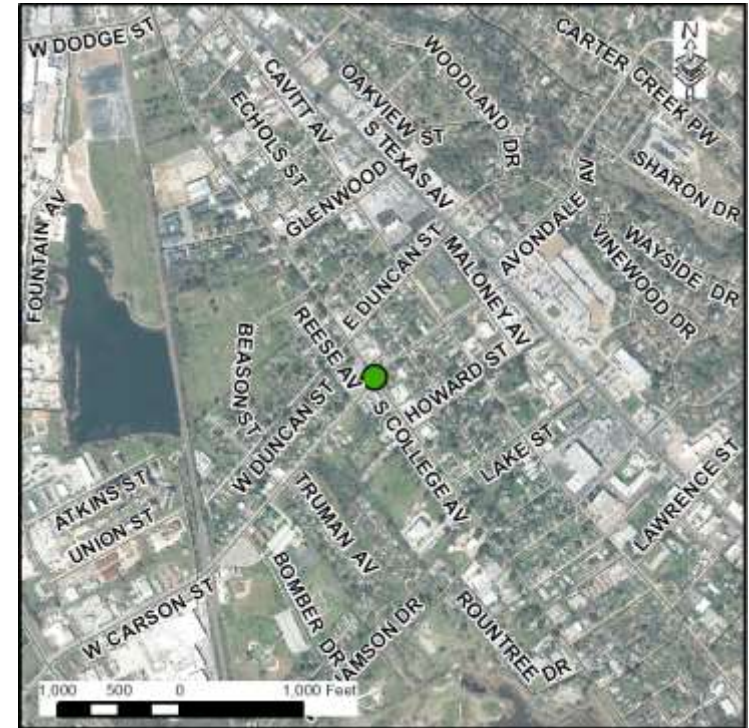
This traffic signal operates with older technology, is constructed with span wires, and cannot be refurbished / salvaged. It currently operates with fixed intervals and has limited vehicle detection. Replacing this signal has been identified as a high priority because of high maintenance costs and inefficient and unsafe operations.

Funding

Type	Original	Source	2018	2019	2020	2021	2022
Traffic Signal	\$30,000	General	\$0	\$0	\$0	\$0	\$50,000
Design/Survey	\$30,000		\$0	\$0	\$0	\$0	\$50,000
Traffic Signal	\$250,000	General	\$0	\$0	\$0	\$0	\$417,000
Const/ROW	\$250,000		\$0	\$0	\$0	\$0	\$417,000
Total	\$280,000		\$0	\$0	\$0	\$0	\$467,000

Funding Source Summary

Source	Original	2018	2019	2020	2021	2022
General	\$280,000	\$0	\$0	\$0	\$0	\$467,000
Total	\$280,000	\$0	\$0	\$0	\$0	\$467,000



Project Name: Traffic Signal at Finfeather @ Carson/Turkey Creek

CIP Project:

Location: Finfeather @ Carson/Turkey Creek

Council District: 1,5
Type / Source: Traffic Signals / MP
 2007

CIP Ranking: 0
Projected Cost Year: 2017
Projected Cost: \$274,000
Original Cost Year: 2009

Status: Funded

Description

This project includes a complete replacement of this signal, including a new controller / cabinet, mast arms, pedestrian facilities/signals, detection, railroad pre-emption, communication, illumination, and confirmation lights. (HSIP Project)

Justification

This signal has been identified as a moderate priority for upgrades based on the age of the signal. Because of its location next to a highway-railroad grade crossing, it is also important to upgrade to the latest technology of signal controllers and vehicle detection for safety and efficiency during rail pre-emption phases.

Funding

Type	Original	Source	2018	2019	2020	2021	2022
Traffic Signal	\$40,000	Bonds	\$0	\$0	\$0	\$0	\$0
Design/Survey	\$40,000		\$0	\$0	\$0	\$0	\$0
Traffic Signal	\$160,000	Bonds	\$0	\$0	\$0	\$0	\$0
Const/ROW	\$160,000		\$0	\$0	\$0	\$0	\$0
Total	\$200,000		\$0	\$0	\$0	\$0	\$0

Funding Source Summary

Source	Original	2018	2019	2020	2021	2022
Bonds	\$200,000	\$0	\$0	\$0	\$0	\$0
Total	\$200,000	\$0	\$0	\$0	\$0	\$0

