



CITY OF LAREDO

ENGINEERING DEPARTMENT

WWW.CITYOFLAREDO.COM/DEPARTMENTS/ENGINEERING-DEPARTMENT



Laredo
TEXAS
ENGINEERING





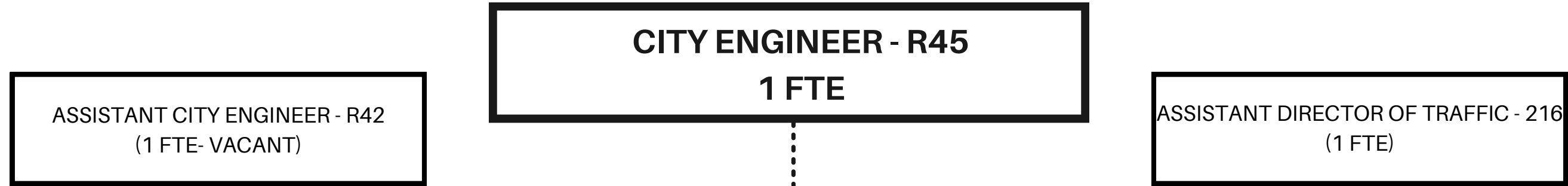
MISSION

- The Engineering Department oversees the planning, design, and construction of capital improvement projects, ensuring they meet City standards and comply with local, state, and federal requirements.
- Our Engineering Department collaborates closely with other City departments, reviewing and processing residential, commercial, and industrial land development projects. This collaborative approach underscores our commitment to assisting engineers, developers, contractors, homeowners, and business owners plan and execute their development projects smoothly and successfully.
- Another key aspect of our work is ensuring the safe and efficient movement of all traffic on City streets, illuminating intersections and major roadways, and enforcing parking regulations.





CITY OF LAREDO ENGINEERING DEPARTMENT



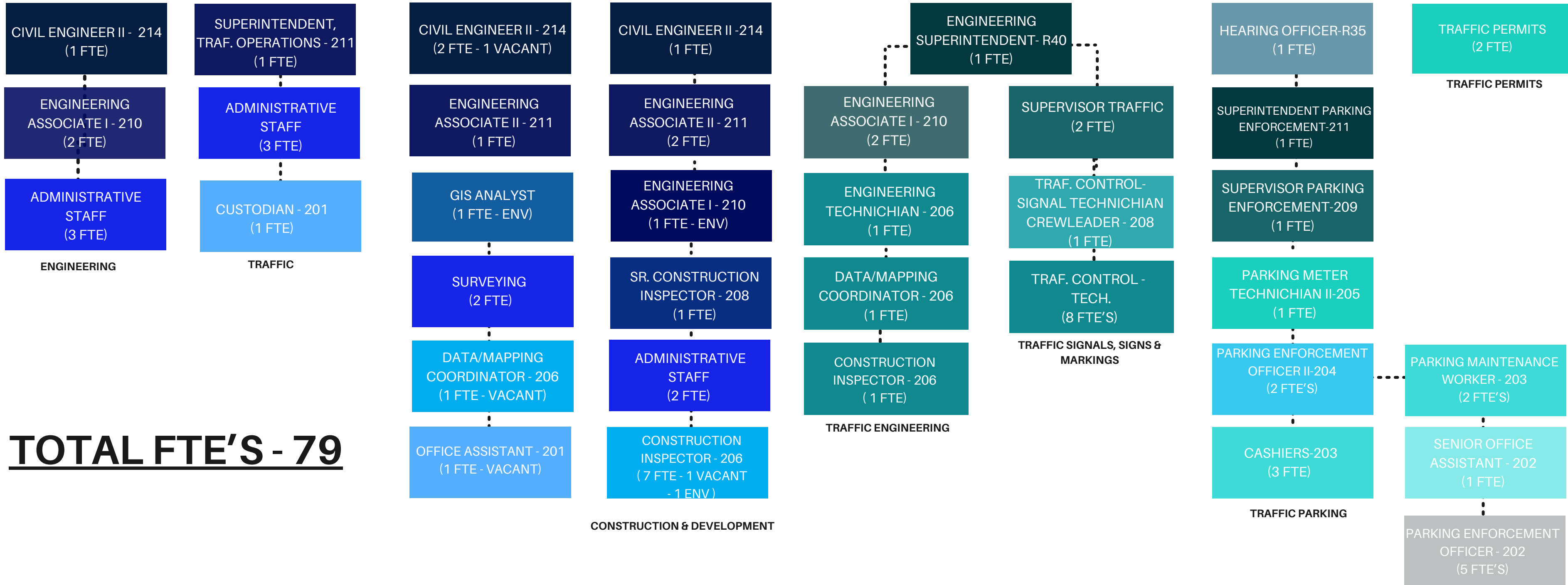
ADMINISTRATION

CIP MANAGEMENT

CONSTRUCTION

TRAFFIC SAFETY

TRAFFIC PARKING



TOTAL FTE'S - 79

CONSTRUCTION & DEVELOPMENT

TRAFFIC PARKING

TRAFFIC SIGNALS, SIGNS & MARKINGS

TRAFFIC ENGINEERING

TRAFFIC PERMITS



CIP Plan
Revenue management

Administration

Contracts Procurement
Contracts Administration



Projects Management
Surveying
Design

CIP Managment

ENGINEERING DEPARTMENT

Traffic Safety

Pavement Marking
Maintenance
Traffic Control for
Special Events
Speed humps &
Traffic Signals
Special
Projects

One Stop Shop
CIP & Subdivisions
Inspections
Land Clearing
Permits

Development Review & Construction

Traffic Parking

Parking Enforcement
Maintenance of parking lots
Taxi permits



ENGINEERING DIVISION



	Completed FY22-23	Estimated FY23-24	Projected FY24-25
City Projects Managed & Inspected	• 61	• 75	• 84
Projects Surveyed & Designed (In-house)	• 41	• 50	• 55
Contract Dollar Managed	• \$81,090,171.00	\$122,033,656.00	• \$134,237,021
Subdivision Development Review (OSS)	• 110	• 115	• 115
Subdivision Projects Under Construction	• 57	• 67	• 75
Subdivisions Development Projects Dollar Managed	• \$151,969,206.00	• \$216,655,887.00	• \$227,488,681.35

<https://laredo.maps.arcgis.com/apps/mapviewer/index.html?webmap=ccee8b4c3fdc442fa0234434c1d4f496>



CITY PROJECTS SURVEYING & DESIGN (IN-HOUSE)

- CDBG Vietnam Veterans Walking Trail
- Winfield Speed Tables
- Shiloh Dr. and McPherson Rd. Right Turn Lane
- CDBG Pita Mangana Sidewalk
- CDBG Santa Fe Sidewalk
- CDBG Los Martinez Park Walking Trail
- Lafayette Tiny Homes
- Clark Beautification Phase 2
- Del Mar Blvd. and McPherson Rd. Right Turn
- Shiloh Hike and Bike Trails
- Maria Elida Benavides Restroom Renovation
- El Eden Restrooms



TRAFFIC SIGN MAINTENANCE BY DISTRICT



DISTRICT	SIGN MAINTENANCE
I	60
II	77
III	143
IV	101
V	50
VI	55
VII	54
VIII	128
TOTAL	668

TRAFFIC SIGN REPLACEMENT PROGRAM

MAIN THOROUGHFARES

District 1
Sierra Vista Blvd.
Soria Dr.

District 2
Wright Ranch Blvd.
Zacatecas St.

District 4
Seymour Ave.
Taylor St.

District 6
Shiloh Rd.
Simon Bolivar Blvd.

District 8
Scott St.
Victoria St.
Washington St.

District 4,8
Lafayette St.

District 5,6
McPherson Rd.
Hillside Rd.

District 1
Cielito Lindo Blvd.

District 3
Chihuahua St. (TxDOT)
Concord Hills Blvd.
Corpus Christi St.
Guadalupe St. (TxDOT)

District 4
Arkansas Ave.
Bartlett Ave.
Clark Blvd. Spur 400 (TxDOT)
Gustavus St.

District 5
Calle del Norte Rd.

District 6
Bucky Houdmann Blvd.
Crepusculo Dr.

District 7
Anna Ave.
Aquero Blvd.
Chicago St.
Fasken Blvd.

District 5,6,7
Del Mar Blvd.

District 1
Lope de Vega Dr.

District 2
Lomas del Sur Blvd.
Los Presidentes Blvd.

District 3
Las Misiones Blvd.

District 4
Lyon St.

District 5
Jacaman Rd.

District 6
International Blvd.

District 7
Lowry Rd.
Mann Rd.

District 8
Houston St.
Jefferson St.
Matamoros St.
Park St.

TxDOT
Jaime Zapata Memorial Hwy.

District 1
Obsidian Blvd.

District 2
Meadow Ave.

District 3
Market St.

District 4
Calton Rd.
Clark Blvd

District 5
Gale St.

District 6
Winfield Parkway

District 6,7
Springfield Ave.

District 7,8
Riverside Dr.
Santa Maria Ave.

TxDOT
San Dario Ave.
Santa Ursula Ave.
Sunders Ave. US59

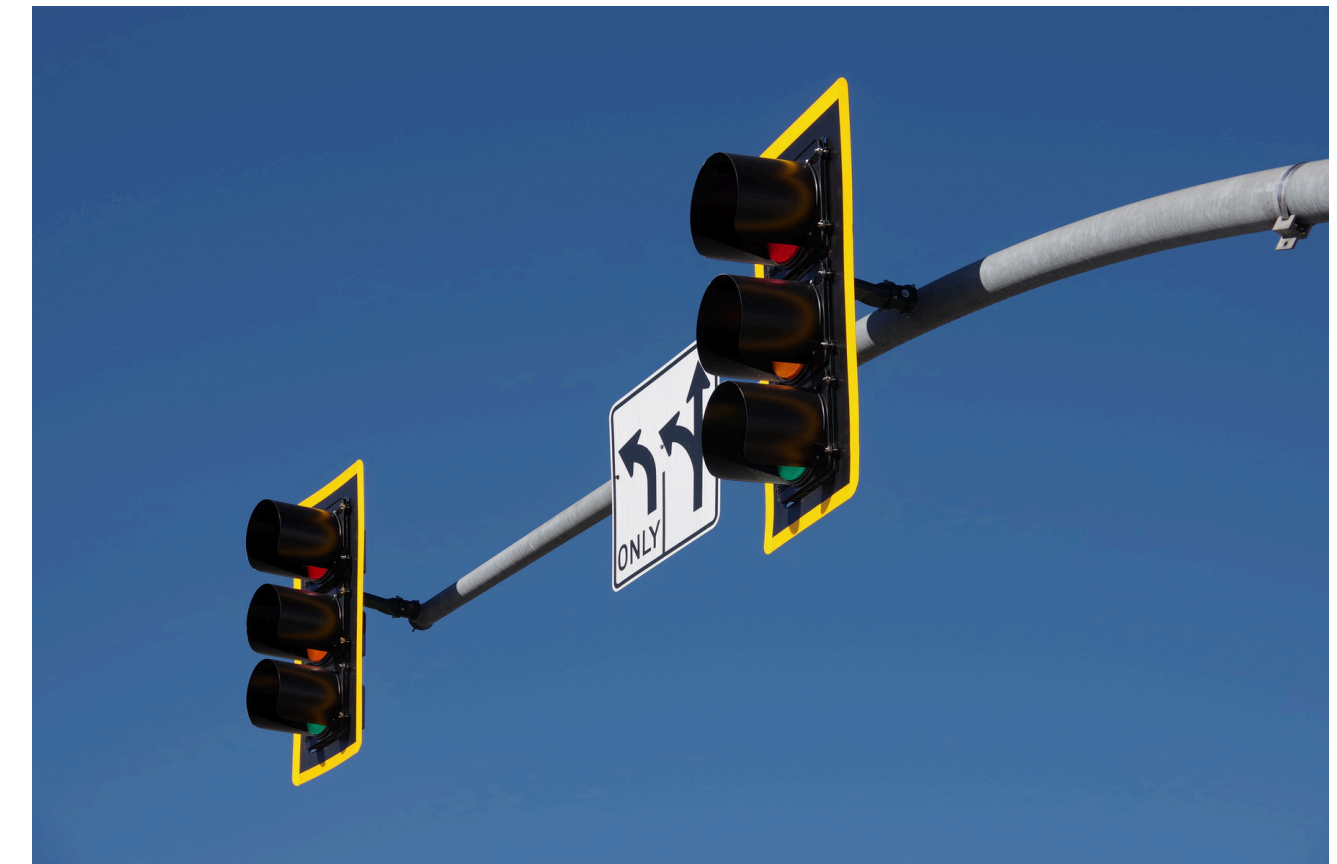


***PLAN OF ACTION TO INCLUDE REPLACEMENT BY QUATER (EVERY 3 MONTHS)**

Traffic Safety Signal Projects



Intersections	Budget	% completed
Del Mar/Reserve	\$200,000	Completed
Concord Hills / Los Presidentes	\$208,366	Completed
Del Mar/Rocio	\$200,000	Completed
Del Mar/ Broadcrest	\$200,000	Completed
International / Simon Bolivar	\$200,000	50%
Bucky Houdmanl / Simon Bolivar	\$200,000	50%
Ejido / Sierra Vista	\$200,000	40%
Sara / Killam	\$250,000	40%
Springfield / Shiloh	\$450,000	Completed
Total	\$2,108,366	



SPEED HUMP ORDINANCE

2023-0-027

- **Criteria for a street to be considered eligible for asphalt speed hump installation:**
 - Petition from residents.
 - Location of the street must be composed primarily of residential dwellings.
 - No more than one (1) moving lane of traffic in each direction.
 - Traffic volumes must be between 500 - 3,000 vehicles per day.
 - Speed limit of 30 mph or less (posted or prima facie).
 - Street must have adequate sight distances.
 - **Street must not be used as primary or routine emergency vehicle access routes. Fire and police approval will be required.**
 - **Street must not be classified as major collector or an arterial.**



City of Laredo Traffic Department Speed Hump Qualifications

Street Name: Between:

Applicant Name: Address:

Phone No.: Date: Speed hump installation qualifies

All of the following Criteria must be satisfied for a street to be considered eligible for speed hump installation.

Check if request is under the Special Provisions Clause

Street more than 1100 feet.

Street more than 700 feet if request by Special Provisions Clause.

Citizen lives on the request street.

There is no traffic signal in less than 300 feet from the proposed speed hump.

Street length (feet):

Reason for not qualifying:

1. Petition

A petition form received

60% of all households, adjacent to the project street, support the speed hump installation

2. Location of Street

Location is in residential neighborhood

ROW:

3. Operational Characteristics of the Street

a. Local street

Street classification:

b. No more than one moving lane of traffic in each direction

Traffic Volume:

d. Vehicle speeds exceed the Speed Criteria.

85% Speed:

c. Traffic volumes are more than 500 but less than 3000 vehicles per day

Speed limit:

e. Speed limit posted is 30 MPH or less

Emergency route:

f. Fire approval

g. Police approval

h. Traffic approval

i. Street is not classified as major collector or arterial

j. Street has had at least one crash within one year period prior to date of official speed hump request

4. School Zone

School Zones

5512 Thomas Avenue, Laredo, Tx. (956)795-2550
** See attached Speed Hump Policy
Revision 06.13.2018

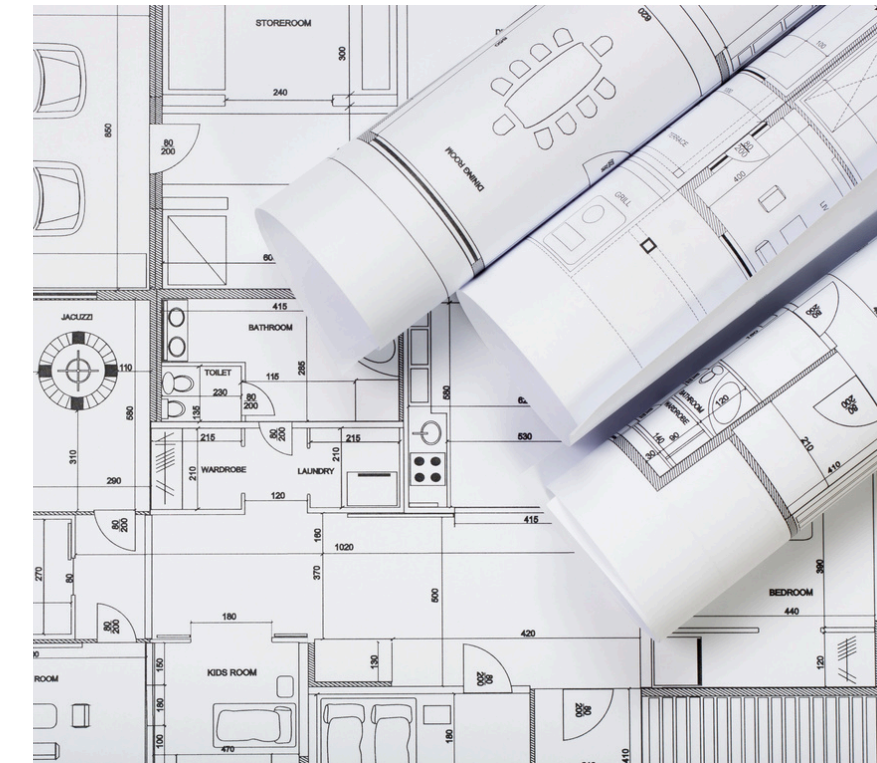
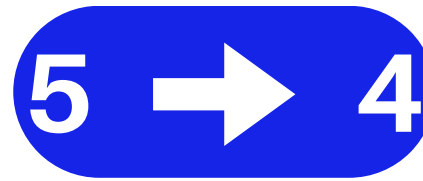
Evaluated by:

Engineering Department Improvements



● One Stop Shop Plat Approval Letter (Final Plat and Final Acceptance)

- P&Z requires approvals from the following departments:
 - Fire Department
 - Utilities Department
 - Environmental Services Department
 - **Traffic Department**
 - Engineering Department



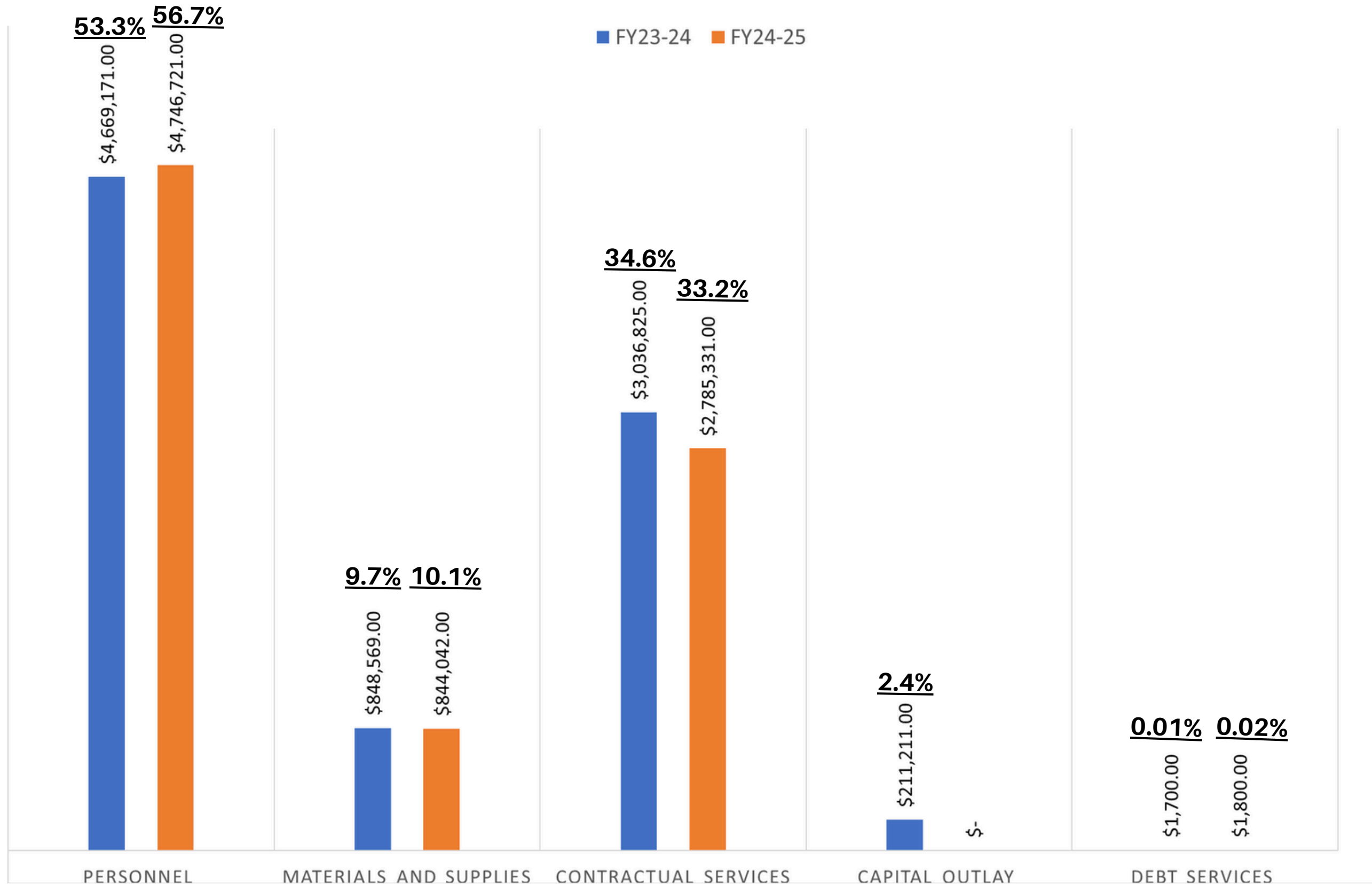
● Speed hump Engineering assessment (requires City Council action)

- Recommendation to allow for Engineering department policy

● Traffic Impact Analysis Ordinance (working progress)



EXPENDITURES



FY24-25
\$8,377,894

GENERAL FUND

PARKING METERS DIVISION – OPERATING FUND



	FY23-24	FY24-25
Opening Balance	\$ 990,465.00	\$ 1,057,958.00
Revenues	\$ 1,499,015.00	\$ 1,572,890.00
Total Available	\$ 2,489,480.00	\$ 2,630,848.00
Expenditures	\$ 1,771,624.00	\$ 1,752,962.00
Closing Balance	<u>\$ 717,856.00</u>	<u>\$ 877,886.00</u>





Thank you

