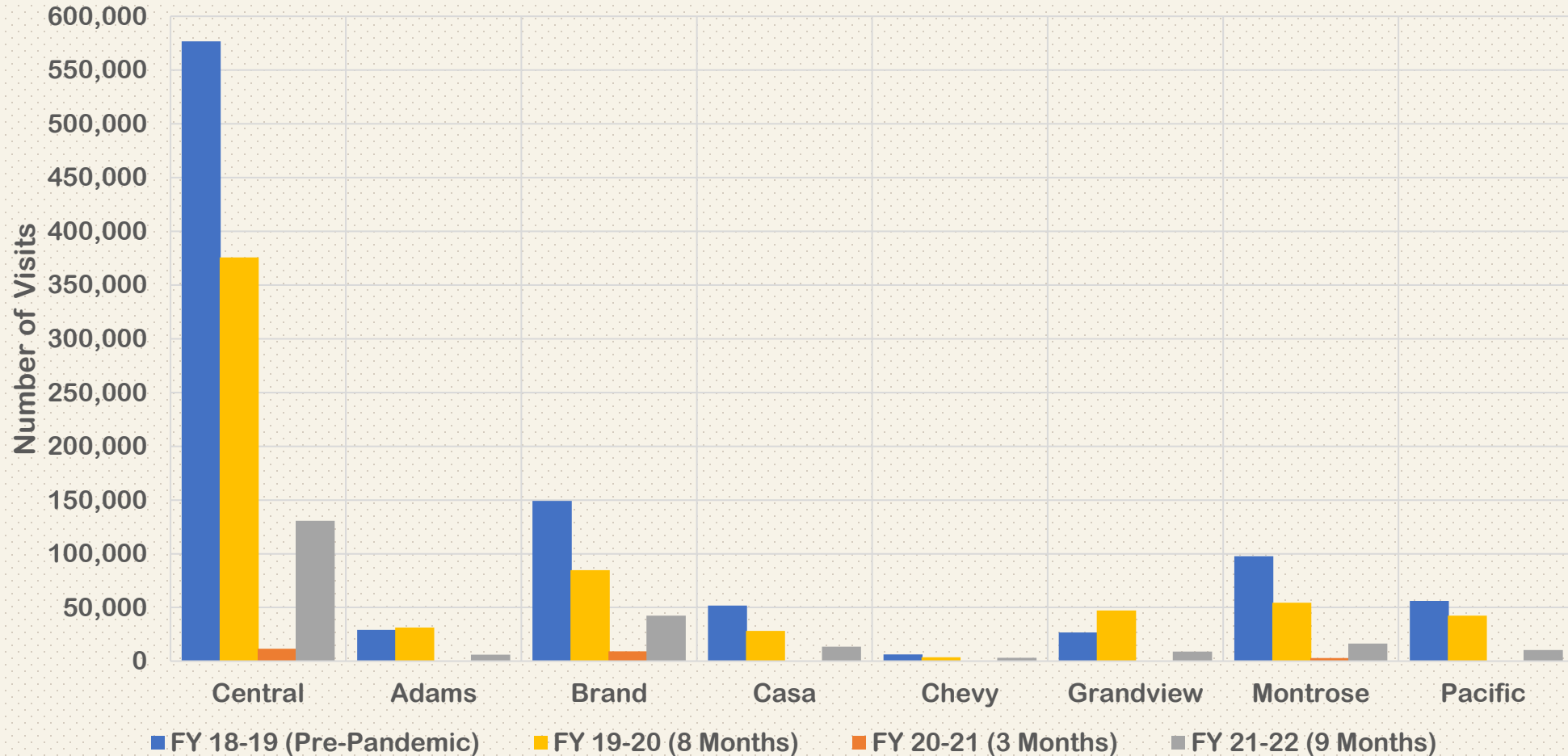


City of Glendale

Number of Library Visits



City of Glendale

Budget Study Session FY22-23

Session 3

Public Works
Glendale Water & Power

Thursday, May 5, 2022



Budget Study Session FY22-23

Roadmap

- **Departmental budgets**
- **Personnel**
- **Fund overview**
- **Departmental highlights**
- **Q & A**



Public Works Department



Public Works Department

Engineering

Land Development

Parking

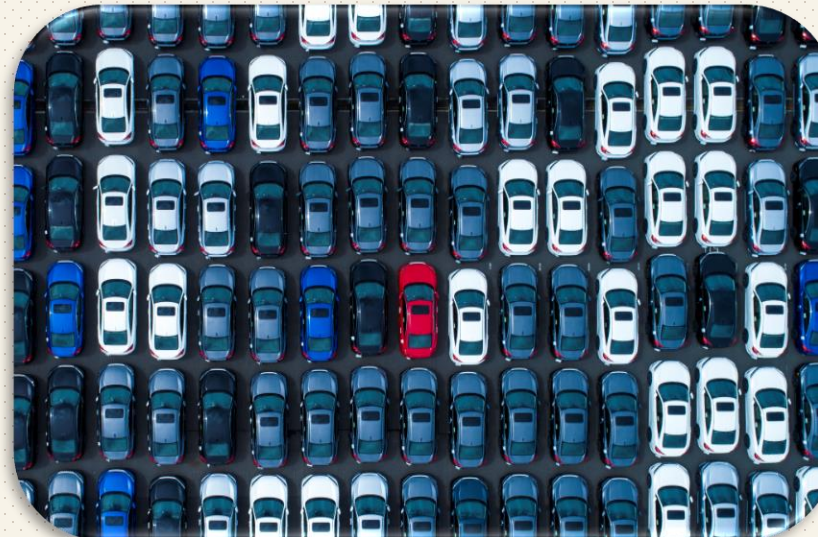
Fleet Services

Facilities Management

Maintenance Services

Integrated Waste Management

Transit



Public Works Department

Personnel

	FY 21-22 Adopted	FY 22-23 Proposed
Full Time	283.95	277.90
Hourly FTE	24.18	24.68
Total	308.13	302.58



Public Works Department

	Adopted FY 2021-22	Proposed FY 2022-23	Increase/(Decrease)	
1010 – General Fund	\$ 14,836,889	\$ 15,917,872	\$ 1,080,983	7.3%
1070 – General Fund (Measure S)	1,961,000	1,656,600	(304,400)	(15.5%)
2160 – Miscellaneous Grant Fund	-	422,883	422,883	-
2210 – Parking Fund	11,834,147	12,816,690	982,543	8.3%
2220 – Measure M Local Return Fund	1,234,723	1,695,673	460,950	37.3%
2230 – Measure M Subregional Fund	832,051	-	(832,051)	(100.0%)
2260 – Measure W Fund	1,661,487	2,464,076	802,589	48.3%
2530 – San Fernando Landscape District Fund	95,500	95,500	-	-
2540 – Measure R Local Return Fund	4,306,204	1,912,801	(2,393,403)	(55.6%)
2550 – Measure R Regional Return Fund	2,483,334	-	(2,483,334)	(100.0%)
2560 – Transit Prop A Local Return Fund	5,748,375	6,792,395	1,044,020	18.2%



Public Works Department

	Adopted FY 2021-22	Proposed FY 2022-23	Increase/(Decrease)	
2570 – Transit Prop C Local Return Fund	\$ 3,816,816	\$ 5,239,299	\$ 1,422,483	37.3%
2580 – Transit Utility Fund	13,416,552	14,032,385	615,833	4.6%
4010 – Capital Improvement Fund	350,000	3,036,000	2,686,000	767.4%
4011 – Capital Improvement Fund (Measure S)	5,300,000	3,800,000	(1,500,000)	(28.3%)
4020 – State Gas Tax Fund	9,215,000	10,700,000	1,485,000	16.1%
5250 – Sewer Fund	34,485,397	39,575,097	5,089,700	14.8%
5300 – Refuse Disposal Fund	37,029,043	31,271,940	(5,757,103)	(15.5%)
6010 – Fleet Management Fund	19,789,431	20,577,311	787,880	4.0%
6070 – Building Maintenance Fund	10,937,196	11,388,757	451,561	4.1%
	\$ 179,333,145	\$ 183,395,279	\$ 4,062,134	2.3%



Departmental Highlights



Maintain Current Pavement Condition Index



How will it be funded?

FY 22-23:

- Capital Improvement Fund (Measure S) - \$2.5M
- State Gas Tax Fund - \$8.3M

Carryover Funds:

- Capital Improvement Fund (Measure S) - \$4.46M

How will we do it?

- Continued investment in infrastructure
- Complete ongoing and annual pavement rehabilitation projects on-time and under budget

What value will it bring?

- Maintaining the current PCI at 72 or higher will insure:
 - Safer and smoother road surface
 - Prevent more costly street reconstruction projects in the future

Council Priority: Infrastructure



Reduce Urban Heat Island Effect



How will we do it?

- Increase tree canopy from 21% to 25% over the next ten years
- Plant 1,500 new street trees
- Construct more cool pavement projects

What value will it bring?

- Mitigate heat island effect in Glendale
- Create additional cool and comfortable outdoor areas
- Mitigate greenhouse gas emissions

How will it be funded?

FY 22-23:

- State Gas Tax Fund - \$660K
- General Fund (Measure S) - \$1.0M

Carryover Funds:

- Capital Improvement Fund (Measure S) - \$450K

Council Priority: Environmental Stewardship



Improve Accessibility of Glendale Facilities



How will it be funded?

FY 22-23:

- Capital Improvement Fund - \$470K
- Parking Fund - \$500K

Carryover Funds:

- Capital Improvement Fund - \$135K

How will we do it?

- Complete accessibility improvement projects at Glendale facilities
- Replace old and outdated elevators

What value will it bring?

- Improved accessibility at various public facilities including
 - Parks
 - Libraries
 - Civic Center Complex Buildings

Council Priority: Mobility/Connectivity/Safety
Infrastructure



Improve Local Road Safety & Mobility



How will we do it?

- Adopt Local Road Safety Plan
- Implement Phase 1 of Pedestrian Safety Plan
- Implement Permanent Slow Streets

What value will it bring?

- Safer streets for pedestrians, cyclists and motorists
- Walkable neighborhoods
- Increased mobility

How will it be funded?

FY 22-23: State Gas Tax Fund - \$750K

Carryover Funds:

- Measure M Local Return Fund - \$810K
- Measure R Local Return Fund - \$85K

Council Priority: Mobility/Connectivity/Safety



Seismic and Functional Retrofit of Fire Stations Project



How will we do it?

- Complete Construction Phase for Projects at FS 23 & FS 27
- Begin Design Phase for Projects for FS 29 & FS 24

What value will it bring?

- Safer City facilities with improved utility
- Improved support of emergency response activities

How will it be funded?

FY 22-23:

- Capital Improvement Fund (Measure S) - \$1.3M

Carryover Funds:

- Capital Improvement Fund (Measure S) - \$3.0M

Council Priority: Infrastructure



Add Electric Buses to the Glendale Beeline Fleet



How will it be funded?

Carryover Funds:

- Miscellaneous Grant Fund - \$2.1M
- Measure R Local Return Fund - \$1.1M
- Measure M Subregional Fund - \$832K

How will we do it?

- Complete Purchase of 5 EV Buses
- Complete Beeline Maintenance Facilities Parking Deck Project to Support Needed EV Chargers
- Upgrade GWP Infrastructure to Support EV Chargers including adding new substations

What value will it bring?

- Reduced PM, NOx, and GHG emissions from municipal fleet

Council Priority: Environmental Stewardship



Transition Glendale's Fleet to Zero Emission



How will we do it?

- Complete Fleet Electrification Transition Report
- Approve Capital Outlay for Electric Vehicles
- Upgrade GWP Infrastructure to Support EV Chargers
- Install Additional EV Chargers at City Facilities

How will it be funded?

FY 22-23: Fleet Fund - \$460K
Carryover Funds: Fleet Fund - \$10K

What value will it bring?

- Reduced PM, NOx, and GHG emissions from municipal fleet

Council Priority: Environmental Stewardship



Water & Power



Water & Power

Electric Services

Water Services

Power Management

Business Services

Administration



Water & Power

Personnel

	FY 21-22 Adopted*	FY 22-23 Proposed
Full Time	317.60	324.60
Hourly FTE	25.73	35.40
Total	343.33	360.00

*FY 21-22 Adopted personnel count does not include the reduction in (1) Full Time position which was reallocated from Water & Power to Public Works and the addition of (8) Full Time positions approved by Council.



Water & Power

	Adopted FY 2021-22	Proposed FY 2022-23	Increase/(Decrease)	
2910 – Electric Public Benefit Fund	\$ 8,767,161	\$ 7,534,999	\$ (1,232,162)	(14.1%)
5400 – Fiber Optic Fund	169,497	253,168	83,671	49.4%
5820 – Electric Works Revenue Fund (M&O)	274,455,944	302,897,230	28,441,286	10.4%
5830 – Electric Depreciation Fund (CIP)	11,924,680	51,874,560	39,949,880	335.0%
5850 – Electric Customer Paid Capital Fund	2,000,000	2,000,000	-	-
5880 – Electric Customer Paid Repair Fund	50,000	50,000	-	-
5920 – Water Works Revenue Fund (M&O)	56,027,422	58,054,327	2,026,905	3.6%
5930 – Water Depreciation Fund (CIP)	11,588,120	12,402,940	814,820	7.0%
5950 – Water Customer Paid Capital Fund	1,275,000	1,275,000	-	-
5980– Water Customer Paid Repair Fund	50,000	50,000	-	-
	\$ 366,307,824	\$ 436,392,224	\$ 70,084,400	19.1%



Departmental Highlights



Grayson Repower



How will it be funded?

TBD – Multiple sources

How will we do it?

- Separate Unit 9
- Demolition and preparation of site
- RFP for additional DER
- Battery storage
- Thermal generation design

What value will it bring?

- Replaces aging infrastructure
- Maintains reliability
- Allows for integration of new clean energy resources

Council Priority:
Environmental Stewardship
Infrastructure



Installation of EV Chargers



How will it be funded?

FY 22-23: Electric Depreciation Fund - \$1.4M

How will we do it?

- Identify locations, design project, obtain permits and install chargers

What value will it bring?

- A minimum of 40 new EV charging stations
- Promotes EV adoption among low-income and multi-family residents.

Council Priority: Infrastructure



Water Pipeline Management Program



How will we do it?

- Constructed in 12 phases
- Replace over 11,282 feet of old cast iron water mains with new ductile-iron potable water pipes and installation of various valves and appurtenances

What value will it bring?

- Improve water system reliability
- Improve water quality
- Replace/add fire hydrants to meet current fire hydrant spacing requirements
- Reduce energy used in pumping

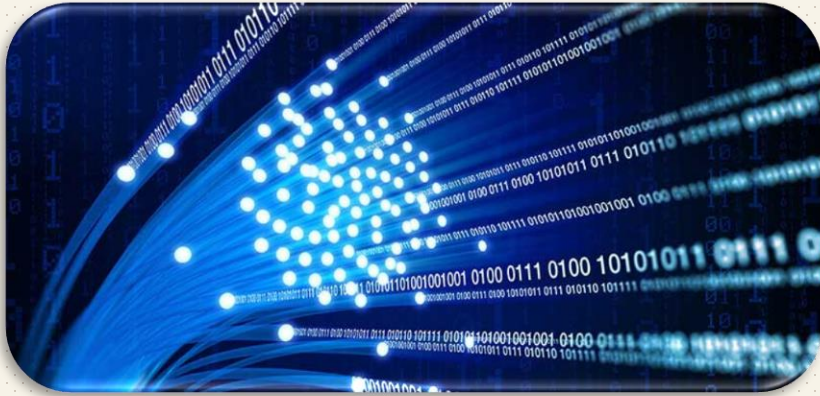
How will it be funded?

FY 22-23: Water Depreciation Fund - \$5.9M

Council Priority: Infrastructure



Fiber Network Backbone



How will it be funded?

FY 22-23:

- Electric Depreciation Fund - \$3.5M

Carryover Funds:

- Electric Depreciation Fund - \$4M

How will we do it?

- Complete construction of the fiber network backbone (Middle Mile)

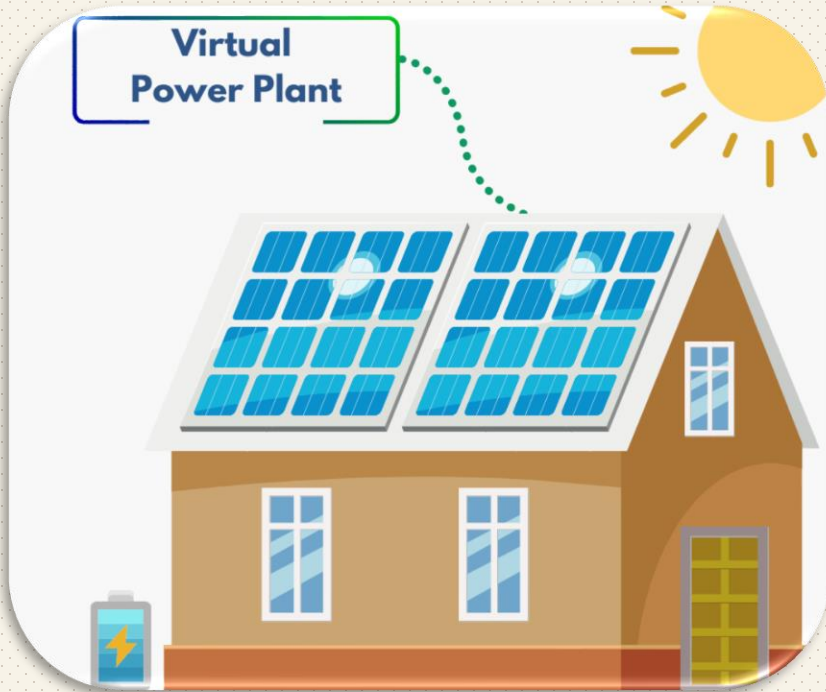
What value will it bring?

- Provide high speed broadband communication services to businesses and City facilities
- Robust economic growth and increased tax revenue

Council Priority: Infrastructure



Virtual Power Plant



How will we do it?

- Install solar and battery storage systems at single-family and multi-family residential properties
- Up to 15 MW of battery storage capacity and renewable solar capacity

What value will it bring?

- Provides Glendale local, renewable, solar energy paired with battery energy storage capacity
- Helps reduce the reliance on imported electrical generation

How will it be funded?

FY 22-23: Electric Works
Revenue Fund - \$2.5M

Council Priority: Environmental Stewardship



Q & A



#MyGlendale