



Updated May 19, 2022, E911 Committee Meeting

911 Fund 5-Year Revenue and Expense Planning

911 Emergency Response Advisory Committee

May 19, 2022



911 Fund High level budget overview

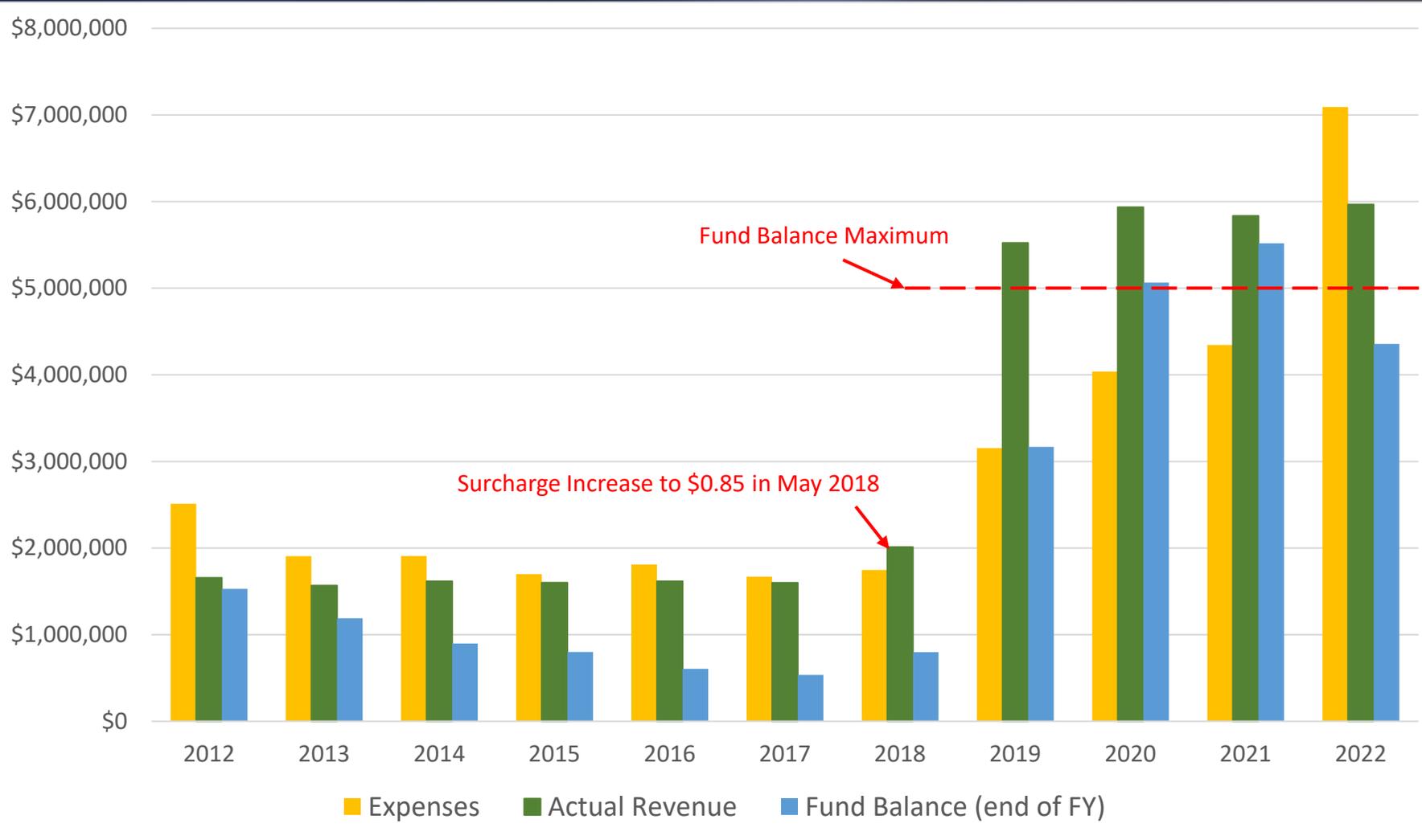
****Updated**** May 19, 2022, E911 Committee Meeting

- Overview of Revenue, Fund balance, and expenses over 10 years.
- Review Revenue and revenue growth projections FY22 – FY26.
- Review **updated** 5-Year Master Plan revenue and spending plan.
- Discuss budget planning scenarios, assumptions, and considerations.
- Detailed review of agency regular and contract expenses.



Expenses, Revenue and Fund Balance

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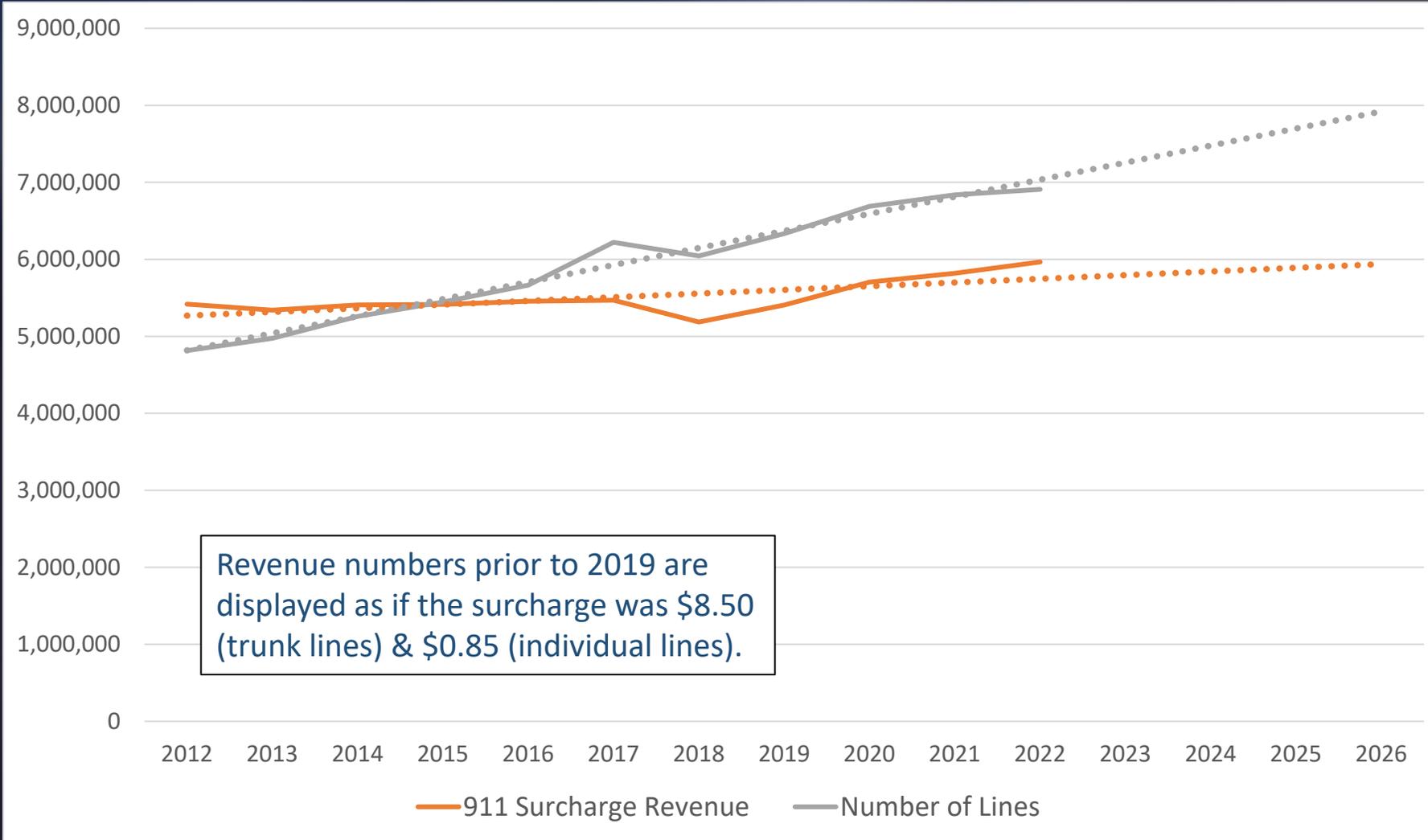


- 911 Fund balance maximum exceeded \$5M at the end of FY20 and FY21.
- FY22 spending projected to be greater than \$6.8M
- FY 22 Fund Balance projected to be \$4.3M at end of FY.



911 Revenue Growth projection

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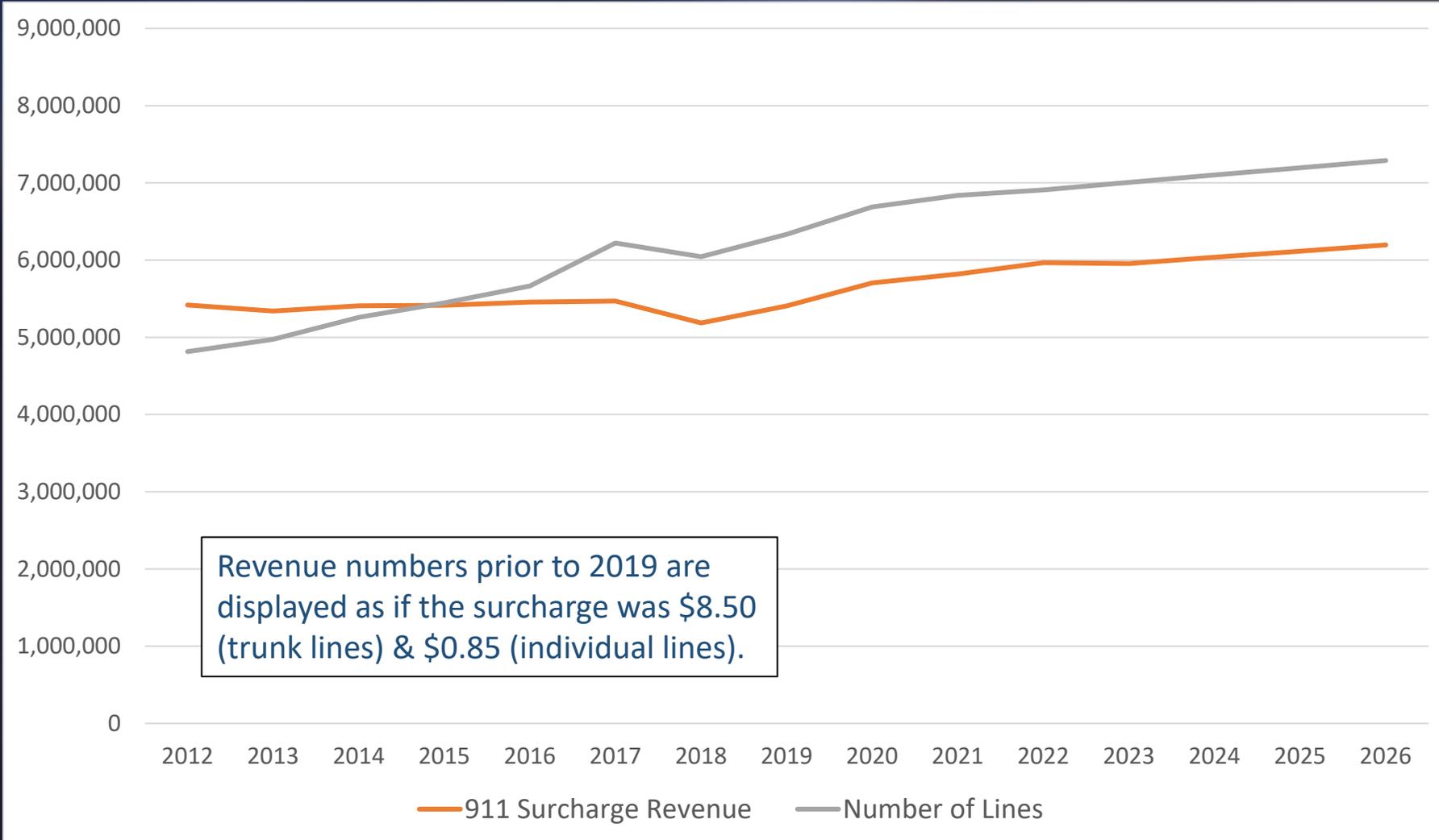


- Linear projections for phone line and revenue growth.
- Revenue growth is more likely to reflect phone line growth over last **4 years**.
- Revenue growth was impacted by change from many **Trunk** lines to very few **Trunk** lines 2012 - 2018.
 - Trunk lines charged at \$8.50/line
 - Individual lines charged at \$0.85/line



911 Revenue Growth projection

****Updated**** May 19, 2022, E911 Committee Meeting



- Revenue numbers used in budget projections are based on projected phone line growth*.
- FY26 Projected Revenue:

\$6,195,512

* Phone line growth based on population growth data from Nevada State Demographer



Projected Expenditures & Fund Balance

- The **next slide** displays the Regional 911 Five-Year Master Plan revenue and expenditures report with changes to reflect the following cost increases:
 - Axon Contracts (Reno, Sparks, Washoe County) FY21-FY24 changes
 - Estimated (updated) costs for Regional Computer Aided Dispatch (CAD) system implementation and ongoing support and maintenance
 - Initial Reno Public Safety Center Costs
 - Sparks Fire Station Alerting System
- Changes from the initial 5-Year Master Plan Report are specified in the table:
 - Updated numbers are **Black** text
 - Increase in cost **Red**
 - Decrease in cost **Green**
 - Example:

- Computer Aided Dispatch and Implementation and on-going costs	\$30,000	\$2,600,000
Change (Greater/Less)	-\$286,862	\$1,186,600

9-1-1 Current and projected revenues and expenses	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY2024-2025	FY 2025-2026	Total 5-Year Revenue/Expenses
Projected Revenue	\$5,929,500	\$5,896,801	\$6,036,492	\$6,115,829	\$6,195,512	\$30,174,134
Existing Approved Expenses and Contracts	\$6,030,860	\$4,659,353	\$4,730,353	\$4,790,353	\$4,835,353	\$25,046,273
Change (Greater/Less)	\$629,845	\$492,507	\$518,507	\$543,507	\$548,507	\$2,732,874
Additional Expenses The lines below include new expense estimates not currently included in as an approved or contracted expense. These expenses have not been, but may be, approved by the 911 Emergency Response Advisory Committee and are included for illustrative purposes.						
Regional Projects						
- Computer Aided Dispatch and Implementation and on-going costs	\$30,000	\$2,600,000	\$2,600,000	\$1,150,000	\$1,100,000	\$7,480,000
Change (Greater/Less)	-\$286,862	\$1,186,600	\$1,186,600	\$807,000	\$740,000	\$3,633,338
— NG 911 Technology Assessment & Emergency Services IP Network (ESI Net)	\$170,000		\$650,000	\$250,000	\$250,000	\$1,320,000
— MDT Replacement Program and Data Expenses	\$204,200	\$220,000	\$318,000	\$465,000	\$701,000	\$1,908,200
- 911 Surcharge Audit	-	-	\$250,000	-	-	\$250,000
- 911 Master Plan Implementation		\$46,375				\$46,375
Reno Includes Public Safety Center Dispatch Consoles, Electrical, HVAC		\$1,251,000	\$1,000,000	\$1,000,000		\$3,251,000
Change (Greater/Less)		\$1,251,000				\$1,251,500
Sparks Includes Fire Station Alerting	\$560,000	\$0	\$0	\$0	\$0	\$560,000
Change (Greater/Less)	\$158,215					\$158,215
Washoe County	\$0	\$0	\$0	\$0	\$0	\$0
Truckee Meadows Fire & Rescue Includes Fire Station Alerting, Dispatch Consoles	\$230,231	\$1,030,000	\$0	\$0	\$0	\$1,260,231
Change (Greater/Less)	-\$913,928	\$985,000	\$0	\$0	\$0	\$71,072
Total Approved and Potential Expenses	\$6,851,091	\$9,586,728	\$8,580,353	\$6,940,353	\$5,935,353	\$37,893,879
Fund Balance at beginning of fiscal year	\$6,606,759	\$5,685,168	\$1,995,241	-\$548,621	-\$1,373,145	(\$7,719,746)

****Updated** May 19, 2022, E911 Committee Meeting**



Projected Expenditures & Fund Balance

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- **Discussion:**

- CAD Costs are worst case estimates
 - CAD costs will be known in early June
- The fund cannot cover all known and projected/requested costs in FY23.
 - FY23 Budget Authority is \$9.2 Million
- The committee should maintain a minimum fund balance – recommendation: \$1 Million
- A surcharge increase to \$1.00 in FY24 would increase Revenue by ~\$1 million/year
- Existing/Future Axon Contracts total ~\$2 Million.
 - NRS prioritizes cameras lower than 911
- With addition of CAD support and maintenance, revenue and expenses are nearly equal (FY25/26).



FY23 Expenses By Fund Center & Agency

****Updated**** May 19, 2022, E911 Committee Meeting

- The 911 Fund is split into two **Fund Centers**:
 - Enhanced 911 Admin (801)
 - E911 Public Safety Cameras (802)
- For **FY 23** Existing, approved, or regular expenses and contracts total: **\$4,672,533**
 - Enhanced 911 Admin (801): \$2,553,790
 - E911 Public Safety Cameras (802): \$2,118,763



FY23 Expenses By Fund Center & Agency

****Updated**** May 19, 2022, E911 Committee Meeting

FY 23 Existing, approved, or regular expenses and contracts E911 Public Safety Cameras (802)

Agency	Fund Center	Expense Name	FY23	Agency Total
Reno	802	City of Reno Bodycam	\$ 458,848.40	\$685,984
Reno	802	City of Reno Fleet	\$ 227,136.00	
Sparks	802	City of Sparks Bodycam Fiber Internet	\$ 24,000.00	\$376,008
Sparks	802	City of Sparks - new Axon and Fleet 5-year contract	\$ 352,008.00	
Washoe County	802	WCSD Bodycam Fiber Internet	\$ 89,000.00	\$1,023,360
Washoe County	802	WCSD Fleet	\$ 125,220.00	
Washoe County	802	WC Department of Alternative Sentencing Bodycams	\$ 7,128.00	
Washoe County	802	WCSD Bodycams	\$ 802,012.00	
WC School District	802	WCSD Bodycam	\$ 33,411.00	\$33,411
			TOTAL	\$2,118,763



FY23 Expenses By Fund Center & Agency

****Updated**** May 19, 2022, E911 Committee Meeting

FY 23 Existing, approved, or regular expenses and contracts
Enhanced 911 Admin (801) – Agency Totals

Reno	Sparks	Washoe County	TMFPD	Regional	TOTAL
\$305,400	\$261,740	\$344,860	\$75,750	\$1,566,040	\$2,553,790



FY23 Expenses By Fund Center & Agency

****Updated**** May 19, 2022, E911 Committee Meeting

FY 23 Existing, approved, or regular expenses and contracts Enhanced 911 Admin (801) – Regional Projects/Programs

Agency	Fund Center	Expense	FY23
Regional	801	Intrado Call Handling System	\$ 1,310,000.00
Regional	801	Investment Pool Allocation	\$ 4,500.00
Regional	801	Telephone and Land lines	\$ 50,000.00
Regional	801	Cell Phones	\$ 1,540.00
Regional	801	Conference/Training Registration and Travel	\$ 100,000.00
Regional	801	Misc. Dispatch Equipment	\$ 100,000.00
		TOTAL	\$1,566,040

Projects on Horizon:

Agency	Fund Center	Expense	FY23
Regional	801	911 Master Plan Implementation	\$ 46,375.00
Regional	801	Regional Computer Aided Dispatch (CAD)	\$ 2,500,000.00
Regional	801	CAD RFP Consultant/Project Management & Implementation	\$ 100,000.00
		TOTAL	\$2,646,375



FY23 Expenses By Fund Center & Agency

****Updated**** May 19, 2022, E911 Committee Meeting

FY 23 Existing, approved, or regular expenses and contracts Enhanced 911 Admin (801) – City of Reno

Agency	Fund Center	Expense	FY23
Reno	801	City of Reno NENA Locally-hosted CTO Program	\$ 10,000.00
Reno	801	City of Reno GIS Salary Reimbursement	\$ 215,000.00
Reno	801	City of Reno Dispatch Automatic Aid Calls Tiburon	\$ 16,000.00
Reno	801	City of Reno Pro-QA Priority Dispatch - EFD Software	\$ 13,200.00
Reno	801	Reno First Due Fire Response	\$ 38,000.00
Reno	801	City of Reno ProQA ESP	\$ 13,200.00
TOTAL			\$292,200

Projects on Horizon:

- Reno Public Safety Center PSAP implementation: **\$5,357,000**



FY23 Expenses By Fund Center & Agency

****Updated**** May 19, 2022, E911 Committee Meeting

FY 23 Existing, approved, or regular expenses and contracts Enhanced 911 Admin (801) – City of Sparks

Agency	Fund Center	Expense	FY23
Sparks	801	Dispatch Console Backup Radio Cellular plan	\$ 33,000.00
Sparks	801	City of Sparks TV Data Lines	\$ 2,796.00
Sparks	801	City of Sparks GIS Salary Reimbursement	\$ 130,000.00
Sparks	801	City of Sparks Dispatch Remote Workstation License	\$ 20,500.00
Sparks	801	City of Sparks First Due fire Response	\$ 27,000.00
Sparks	801	City of Sparks ProQA Dispatch Quality Performance Review	\$ 16,872.00
Sparks	801	City of Sparks Live 911 Software	\$ 16,380.00
Sparks	801	NENA and APCO membership	\$ 3,192.00
Sparks	801	City of Sparks Pro-QA Priority Dispatch - EFD	\$ 12,000.00
		TOTAL	\$261,740

Projects on Horizon: NA



FY23 Expenses By Fund Center & Agency

****Updated**** May 19, 2022, E911 Committee Meeting

FY 23 Existing, approved, or regular expenses and contracts Enhanced 911 Admin (801) – Washoe County

Agency	Fund Center	Expense	FY23
WC	801	CodeRed	\$ 15,000.00
WC	801	Voiance	\$ 15,400.00
WC	801	Washoe County ProQA	\$ 34,560.00
WC	801	Washoe County Dispatch Carbyne c-Live Universe Solution	\$ 60,900.00
WC	801	Washoe County IAED EMD/EPD/EFD	\$ 9,000.00
WC	801	Washoe County GIS Salary	\$ 210,000.00
		TOTAL	\$344,860

Projects on Horizon: NA



FY23 Expenses By Fund Center & Agency **Updated** May 19, 2022, E911 Committee Meeting

FY 23 Existing, approved, or regular expenses and contracts
Enhanced 911 Admin (801) – **Truckee Meadows Fire & Rescue**

Agency	Fund Center	Expense	FY23
TMFPD	801	TMFPD First Due Fire Response	\$ 15,750.00
TMFPD	801	TMFPD ProQA EFD	\$ 15,000.00
TMFPD	801	TMFPD Dispatch Phone + Data Lines	\$ 45,000.00
		TOTAL	\$ 75,750

Projects on Horizon: Fire Station Alerting in FY23, \$1,030,000



Discussion,
Questions?





911 Fund 5-Year Revenue and Expense Planning

911 Emergency Response Advisory Committee

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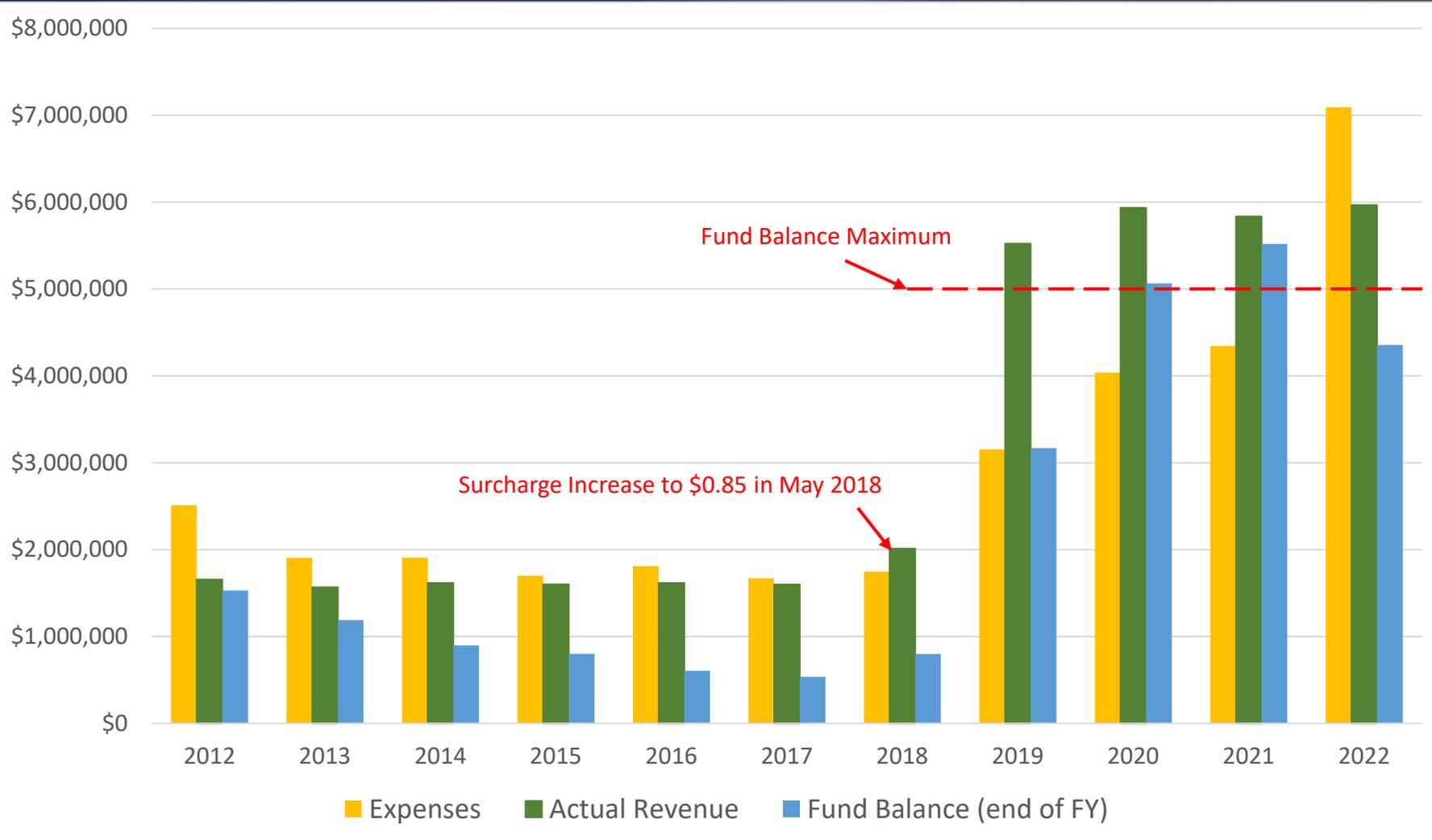


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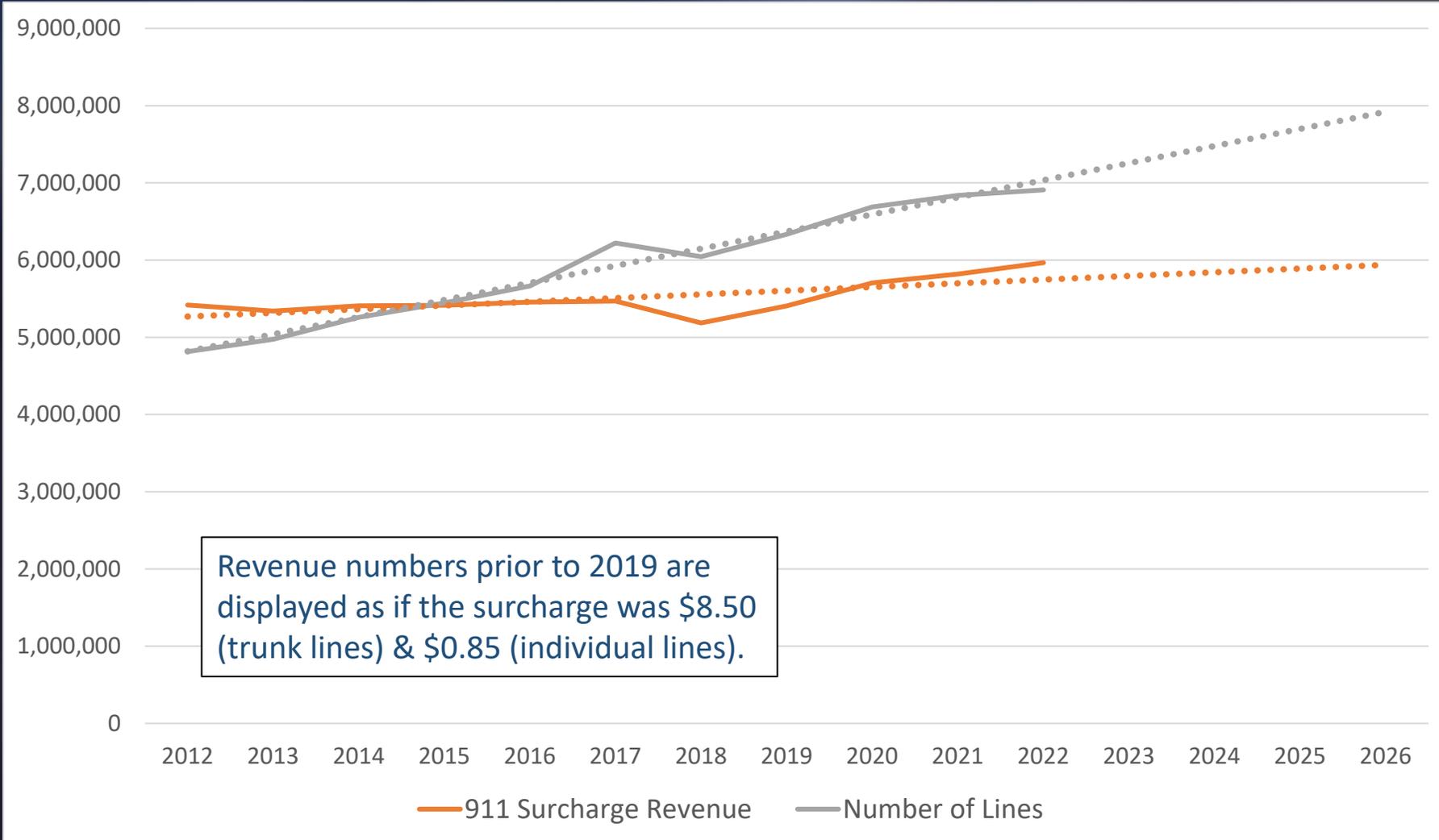
Expenses, Revenue and Fund Balance



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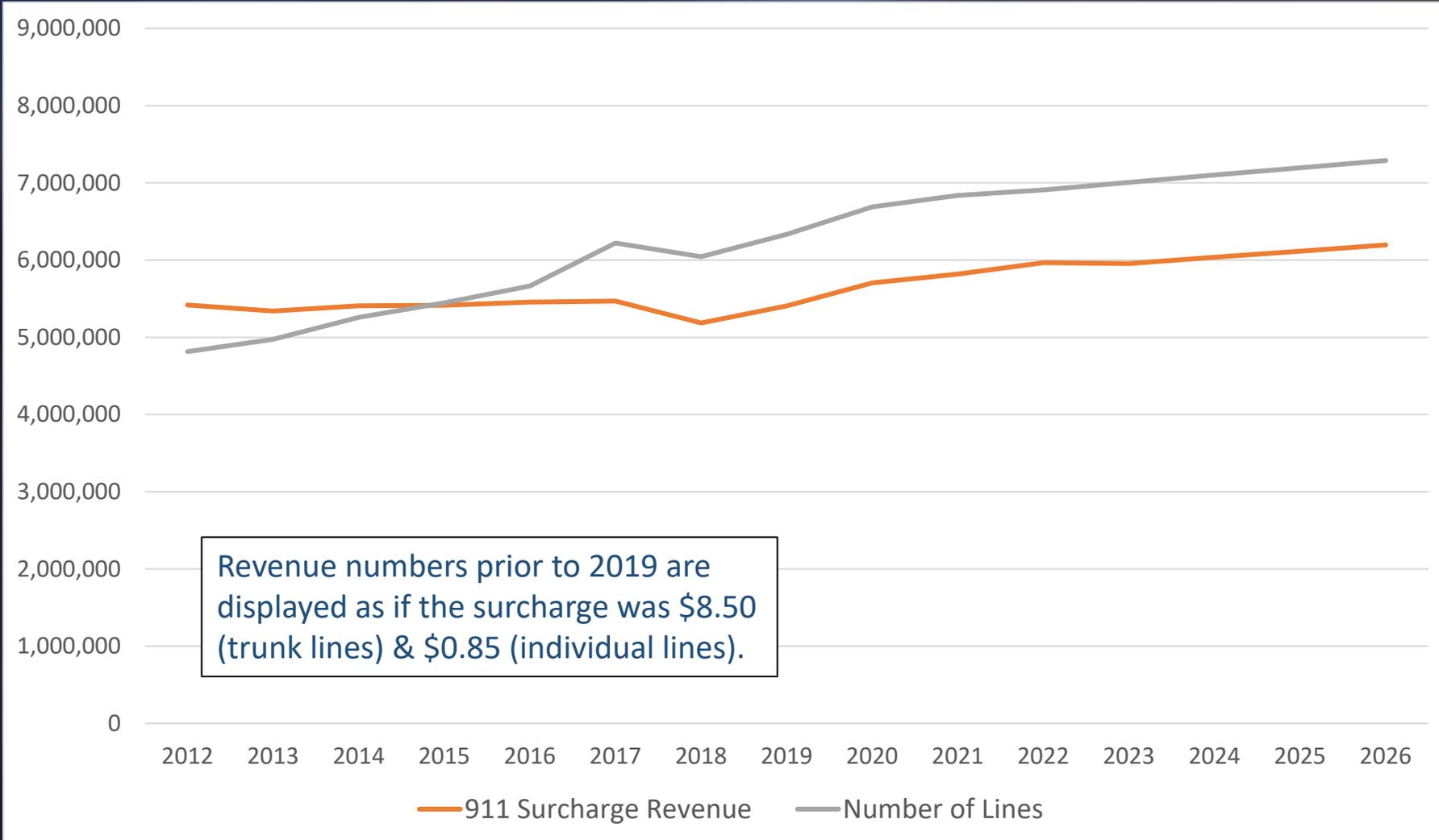
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Change (Greater/Less)	-\$286,862	\$1,186,600

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Projected Revenue	\$5,929,500	\$5,896,801	\$6,036,492	\$6,115,829	\$6,195,512	\$30,174,134
Existing Approved Expenses and Contracts	\$6,271,196	\$4,672,553	\$4,743,553	\$4,803,553	\$4,848,553	\$25,339,409
Change (Greater/Less)	\$870,181	\$495,707	\$531,707	\$556,707	\$561,707	\$3,016,009
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— MDT Replacement Program and Data Expenses	\$204,200	\$220,000	\$318,000	\$465,000	\$701,000	\$1,908,200
- 911 Surcharge Audit	-	-	\$250,000	-	-	\$250,000
- 911 Master Plan Implementation	\$0	\$46,375	\$0	\$0	\$0	\$46,375
Reno Includes Public Safety Center Dispatch Consoles, Electrical, HVAC	\$0	\$1,251,500	\$1,000,000	\$1,000,000		\$3,251,500
Change (Greater/Less)		\$1,251,500				\$1,251,500
Sparks Includes Fire Station Alerting	\$560,000	\$0	\$0	\$0	\$0	\$560,000
Change (Greater/Less)	\$158,215					\$158,215
Washoe County	\$0	\$0	\$0	\$0	\$0	\$0
Truckee Meadows Fire & Rescue Includes Fire Station Alerting, Dispatch Consoles	\$230,231	\$1,030,000	\$0	\$0	\$0	\$1,260,231
Change (Greater/Less)	-\$913,928	\$985,000	\$0	\$0	\$0	\$71,072
Total Approved and Potential Expenses	\$7,091,427	\$9,600,428	\$8,593,553	\$6,953,553	\$5,948,553	\$38,187,515
Fund Balance at beginning of fiscal year	\$5,518,255	\$4,356,328	\$652,701	-\$1,904,361	-\$2,742,085	(\$8,013,382)



Projected Expenditures & Fund Balance

- **Discussion:**

- CAD Costs are worst case estimates
 - CAD costs will be known in early June
- The fund cannot cover all known and projected/requested costs in FY23.
 - FY23 Budget Authority is \$9.2 Million
- The committee should maintain a minimum fund balance – recommendation: \$1 Million
- A surcharge increase to \$1.00 in FY24 would increase Revenue by ~\$1 million/year
- Existing/Future Axon Contracts total ~\$2 Million.
 - NRS prioritizes cameras lower than 911
- With addition of CAD support and maintenance, revenue and expenses are nearly equal (FY25/26).



FY23 Expenses By Fund Center & Agency

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 - E911 Public Safety Cameras (802)
- For **FY 23** Existing, approved, or regular expenses and contracts total: **\$4,672,533**
 - Enhanced 911 Admin (801): \$2,553,790
 - E911 Public Safety Cameras (802): \$2,118,763



FY23 Expenses By Fund Center & Agency

FY 23 Existing, approved, or regular expenses and contracts
E911 Public Safety Cameras (802)

Agency	Fund Center	Expense Name	FY23	Agency Total
Reno	802	City of Reno Bodycam	\$ 458,848.40	\$685,984
Reno	802	City of Reno Fleet	\$ 227,136.00	
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Sparks	802	City of Sparks - new Axon and Fleet 5-year contract	\$ 352,008.00	
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Washoe County	802	WCSD Fleet	\$ 125,220.00	
Washoe County	802	WC Department of Alternative Sentencing Bodycams	\$ 7,128.00	
Washoe County	802	WCSD Bodycams	\$ 802,012.00	
WC School District	802	WCSD Bodycam	\$ 33,411.00	
			TOTAL	\$2,118,763



FY23 Expenses By Fund Center & Agency

FY 23 Existing, approved, or regular expenses and contracts
Enhanced 911 Admin (801) – Agency Totals

Reno	Sparks	Washoe County	TMFPD	Regional	TOTAL
\$305,400	\$261,740	\$344,860	\$75,750	\$1,566,040	\$2,553,790



FY23 Expenses By Fund Center & Agency

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Agency	Fund Center	Expense	FY23
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Regional	801	Investment Pool Allocation	\$ 4,500.00
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Regional	801	Conference/Training Registration and Travel	\$ 100,000.00
Regional	801	Misc Dispatch Equipment	\$ 100,000.00
		TOTAL	\$1,566,040

Projects on Horizon:

Agency	Fund Center	Expense	FY23
Regional	801	911 Master Plan Implementation	\$ 46,375.00
Regional	801	Regional Computer Aided Dispatch (CAD)	\$ 2,500,000.00
Regional	801	CAD RFP Consultant/Project Management & Implementation	\$ 100,000.00
		TOTAL	\$2,646,375



FY23 Expenses By Fund Center & Agency

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Agency	Fund Center	Expense	FY23
Reno	801	City of Reno NENA Locally-hosted CTO Program	\$ 10,000.00
Reno	801	City of Reno GIS Salary Reimbursement	\$ 215,000.00
Reno	801	City of Reno Dispatch Automatic Aid Calls Tiburon	\$ 16,000.00
Reno	801	City of Reno Pro-QA Priority Dispatch - EFD Software	\$ 13,200.00
Reno	801	Reno First Due Fire Response	\$ 38,000.00
Reno	801	City of Reno ProQA ESP	\$ 13,200.00
		TOTAL	\$305,400

Projects on Horizon:

- Reno Public Safety Center PSAP implementation: **\$5,357,000**



FY23 Expenses By Fund Center & Agency

FY 23 Existing, approved, or regular expenses and contracts Enhanced 911 Admin (801) – City of Sparks

Agency	Fund Center	Expense	FY23
Sparks	801	Dispatch Console Backup Radio Cellular plan	\$ 33,000.00
Sparks	801	City of Sparks TV Data Lines	\$ 2,796.00
Sparks	801	City of Sparks GIS Salary Reimbursement	\$ 130,000.00
Sparks	801	City of Sparks Dispatch Remote Workstation License	\$ 20,500.00
Sparks	801	City of Sparks First Due fire Response	\$ 27,000.00
Sparks	801	City of Sparks ProQA Dispatch Quality Performance Review	\$ 16,872.00
Sparks	801	City of Sparks Live 911 Software	\$ 16,380.00
Sparks	801	NENA and APCO membership	\$ 3,192.00
Sparks	801	City of Sparks Pro-QA Priority Dispatch - EFD	\$ 12,000.00
		TOTAL	\$261,740

Projects on Horizon: NA



FY23 Expenses By Fund Center & Agency

FY 23 Existing, approved, or regular expenses and contracts
Enhanced 911 Admin (801) – Washoe County

Agency	Fund Center	Expense	FY23
WC	801	CodeRed	\$ 15,000.00
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WC	801	Washoe County ProQA	\$ 34,560.00
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WC	801	Washoe County IAED EMD/EPD/EPD	\$ 9,000.00
WC	801	Washoe County GIS Salary	\$ 210,000.00
		TOTAL	\$344,860

Projects on Horizon: NA



FY23 Expenses By Fund Center & Agency

FY 23 Existing, approved, or regular expenses and contracts
Enhanced 911 Admin (801) – **Truckee Meadows Fire & Rescue**

Agency	Fund Center	Expense	FY23
TMFPD	801	TMFPD First Due Fire Response	\$ 15,750.00
TMFPD	801	TMFPD ProQA EFD	\$ 15,000.00
TMFPD	801	TMFPD Dispatch Phone + Data Lines	\$ 45,000.00
		TOTAL	\$ 75,750

Projects on Horizon: Fire Station Alerting in FY23, \$1,030,000



Discussion,
Questions?

