


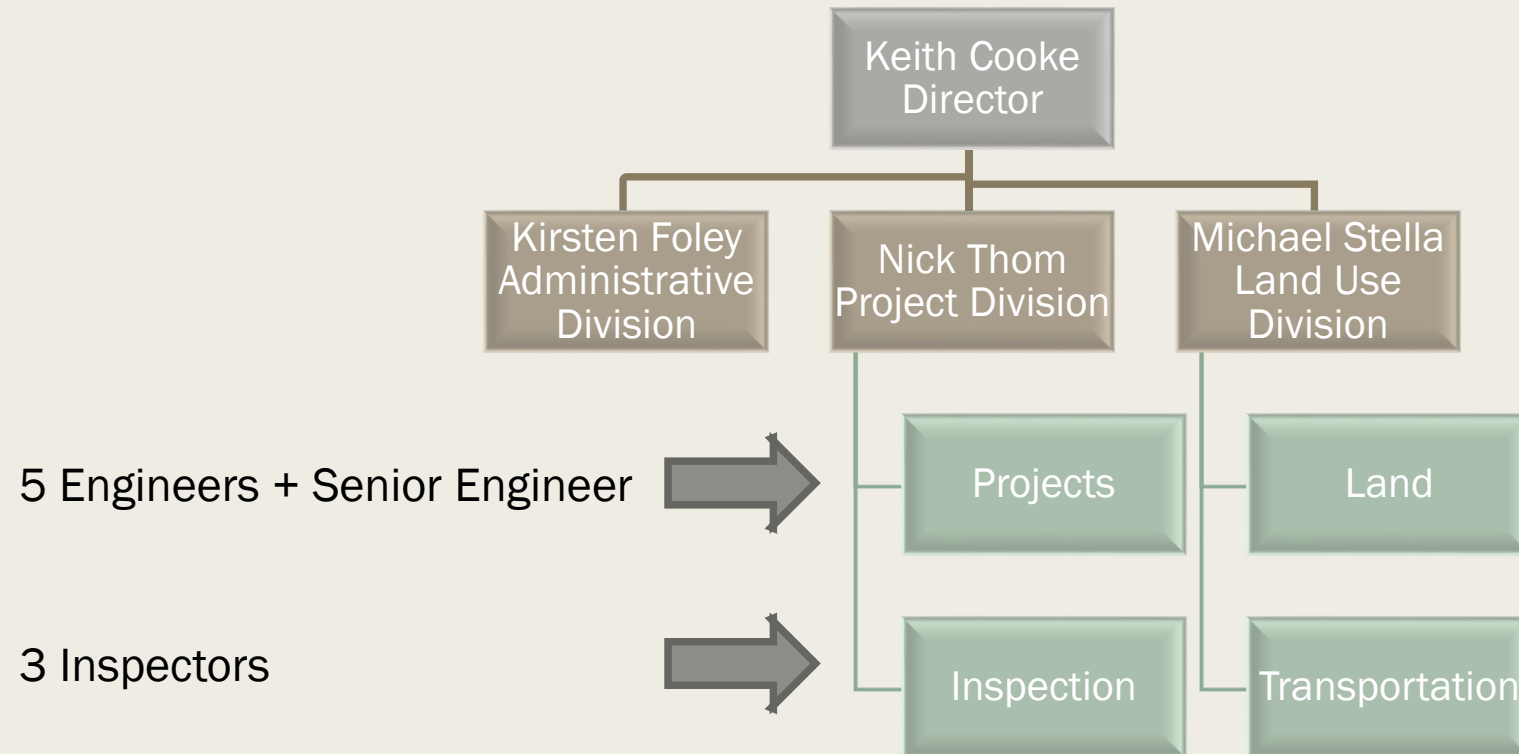


# CIP SCHEDULE

Facility and Transportation Committee  
September 6, 2017



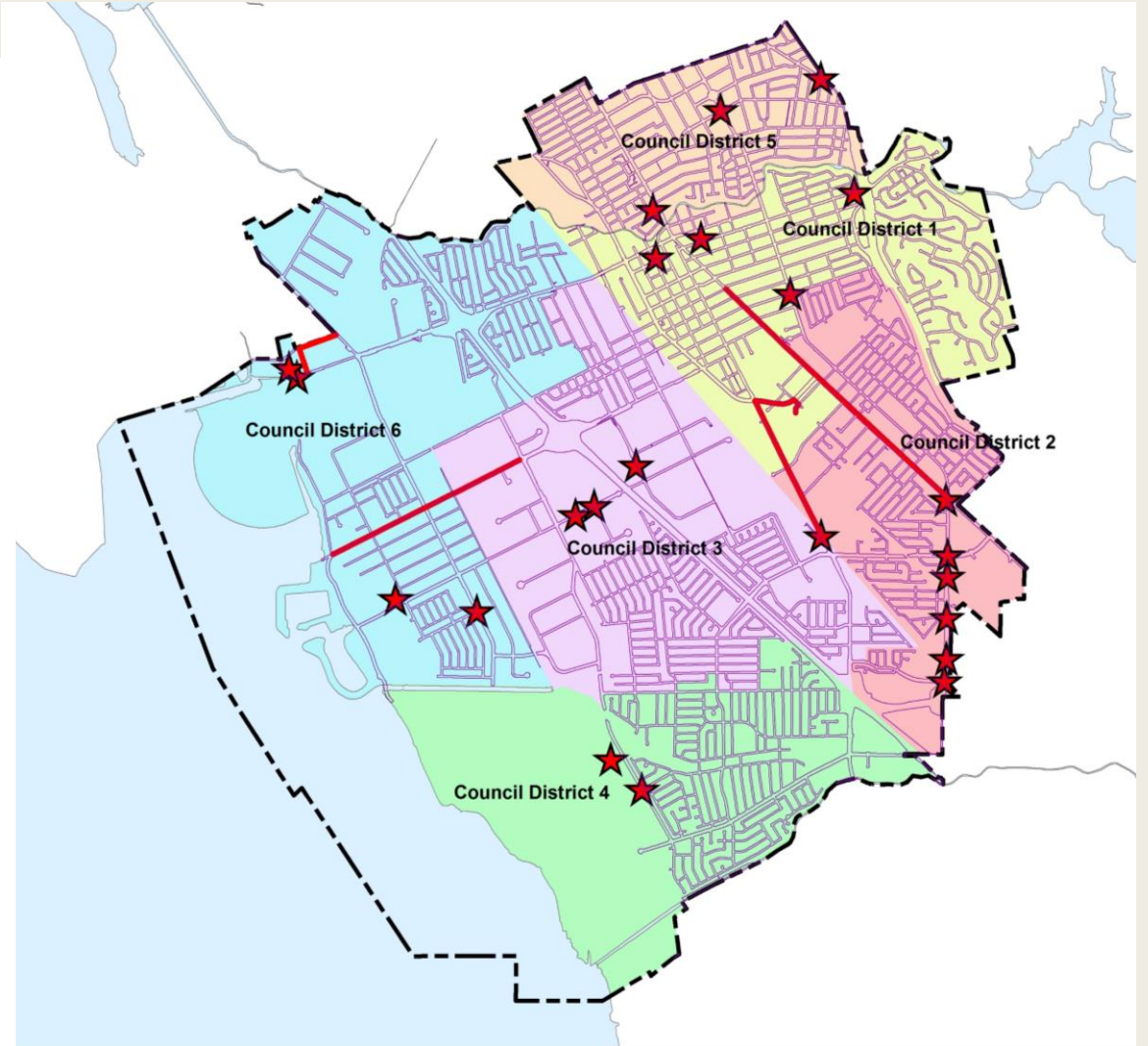
# Resources



# Pre FY17-18 Projects

## \$35M including:

- Adaptive Signal System
- Bicycle Network West
- Davis Carpentier Pedestrian Signal
- East 14<sup>th</sup> Street Triangle
- East 14<sup>th</sup> Street Underground Utilities
- Fiber Conduit (Washington Ave, etc)
- MacArthur Superior Round About
- Main Library Audio Visual Equipment
- MCC Audio Visual Equipment
- Pedestrian Crossing Improvements
- Police Building and South Office Modifications
- Sanitary Sewer Point Repair
- Street Overlay
- Street Sealing



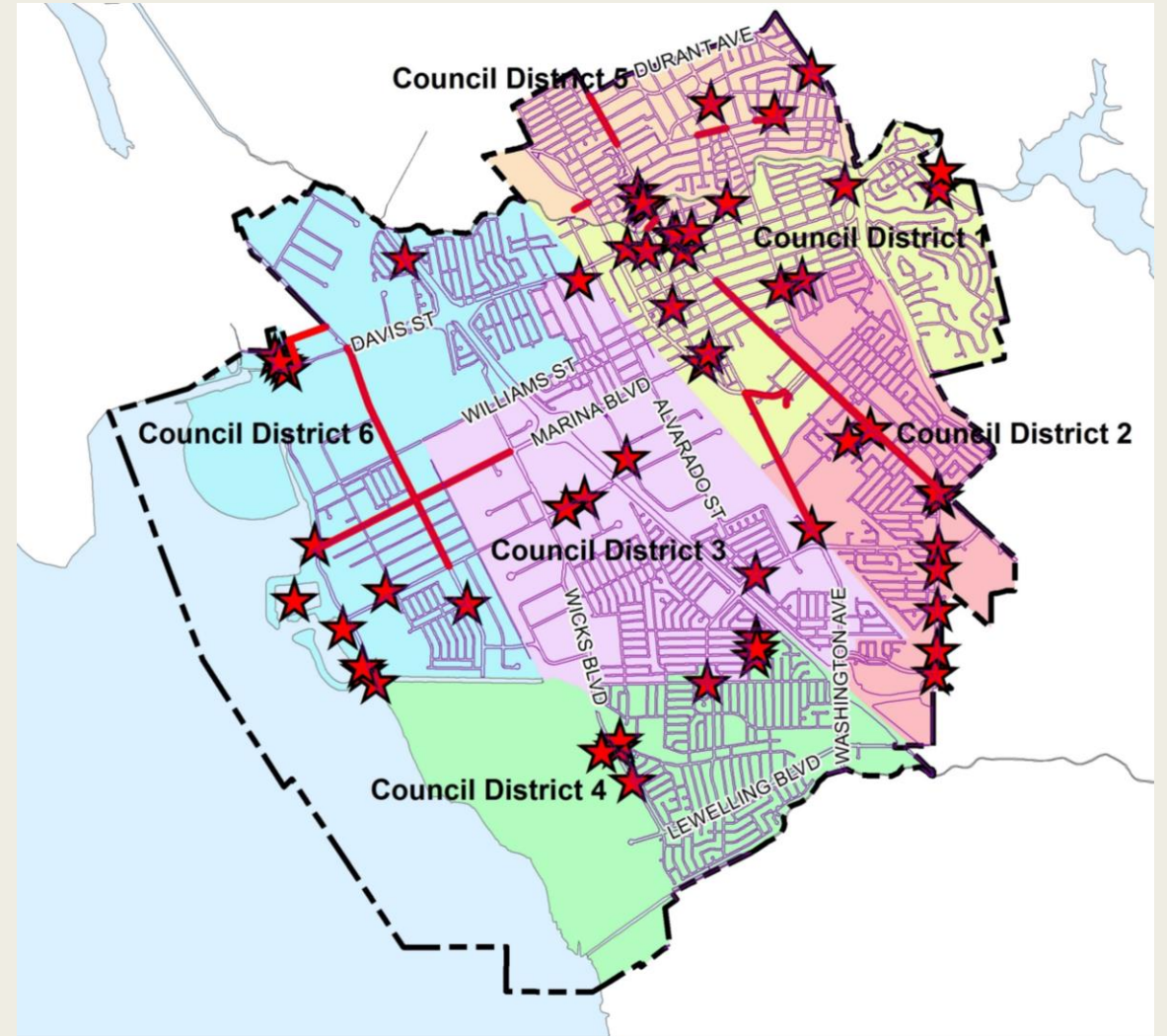
# Active and Funded Projects FY 17-18 and FY 18-19

FY 17-18: \$31M

FY 18-19: \$44M

Largest CIP program in City History!

Financing and Cash Flow Considerations:  
David Baum

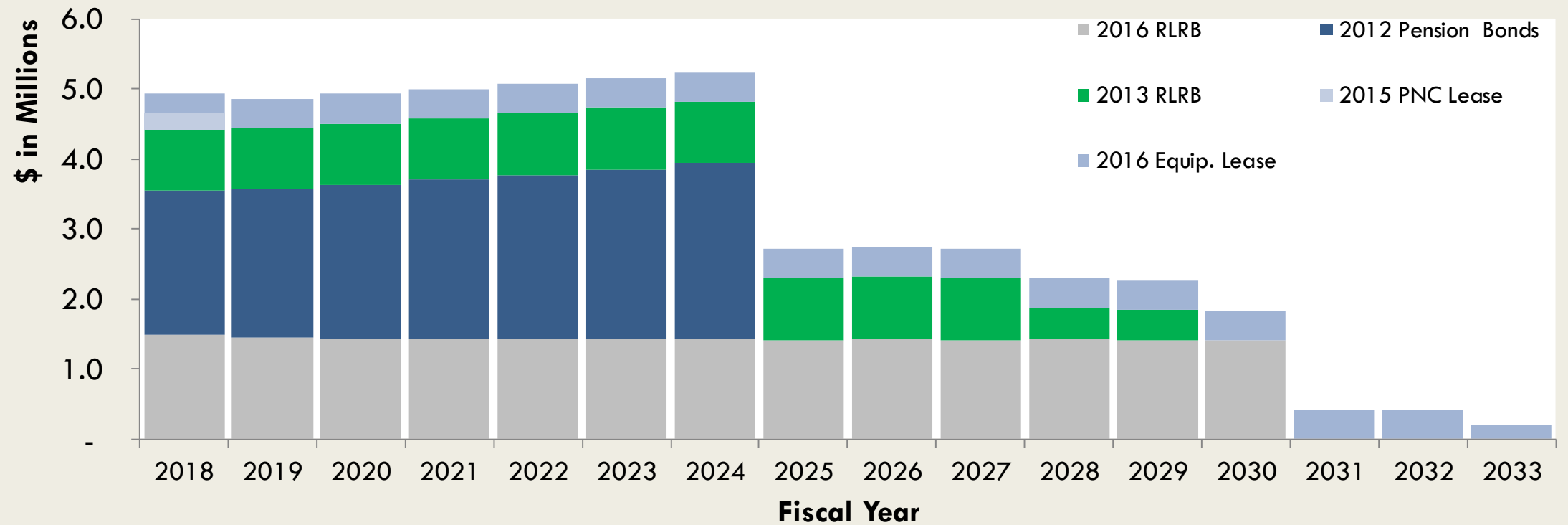


# Financing and Cash Flow

Obligation	Original Principal Amount	Interest Rate Range	Outstanding Principal Amount (as of 6/30/2016)	Final Maturity	Principal Payment Date
2012 Pension Obligation Bonds	\$ 18,305,000	1.14% to 5.54%	\$ 14,345,000	2024	1-Dec
2011 Fire Truck Lease	971,090	Fixed at 2.20%	202,762	2017	9-Nov
2013 Refunding Lease Revenue Bonds	8,883,000	2.00% to 5.00%	8,463,000	2028	1-Dec
2015 PNC Lease for Police Vehicles	720,000	Fixed at 1.91%	476,181	2018	18-Oct
2016 Equip. Lease Purchase Agreement*	5,409,045	Fixed at 2.10%	5,409,045	2032	1/21 and 7/21
2016 Refunding Lease Revenue Bonds	14,125,000	2.00% to 5.00%	14,125,000	2029	1-Nov
Total	\$ 48,413,135		\$ 43,020,988		

\*Semi-Annual Principal payments commence on 1/21/18 and final payment is 7/21/32

# Financing and Cash Flow

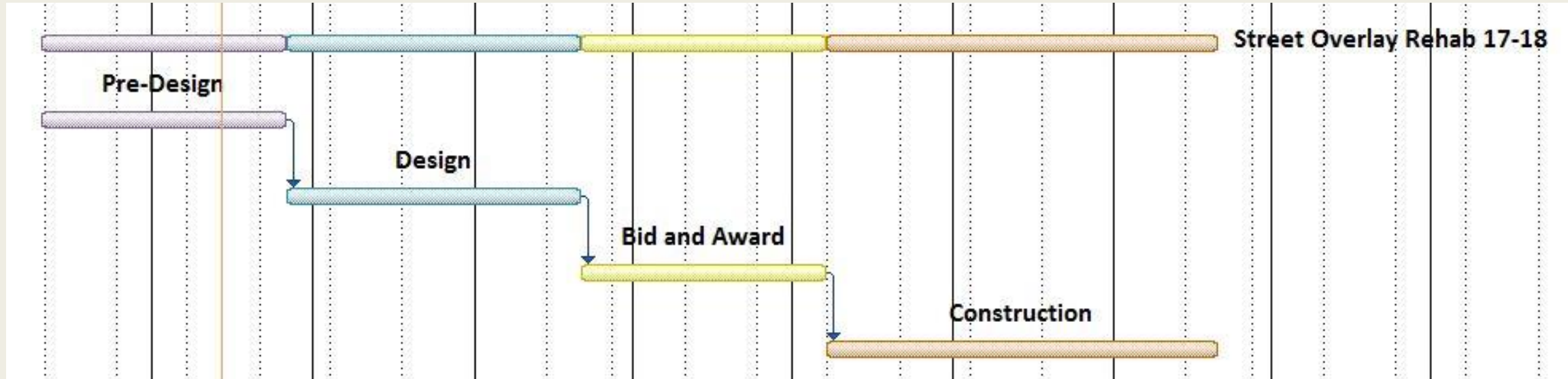


# 2018 Debt Service Savings Analysis

Issuance Assumptions		
Delivery Date		11/1/2018
Final Maturity		11/1/2048
2018 Par	\$20,400,000	
Ratings	Aa3/AA-	
Interest Rate(MMD+100Bps)	4%	
Annual Debt Service	\$1,180,000	

Estimated Sources and Uses		
<b><u>Sources:</u></b>		
Par Amount	\$	20,400,000
<hr/>		
<b>Total Sources:</b>	<b>\$</b>	<b>20,400,000</b>
<hr/>		
<b><u>Uses:</u></b>		
Escrow Deposit	\$	20,000,000
Costs of Issuance	\$	400,000
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<b>Total Sources:</b>	<b>\$</b>	<b>20,400,000</b>

# Project Schedules

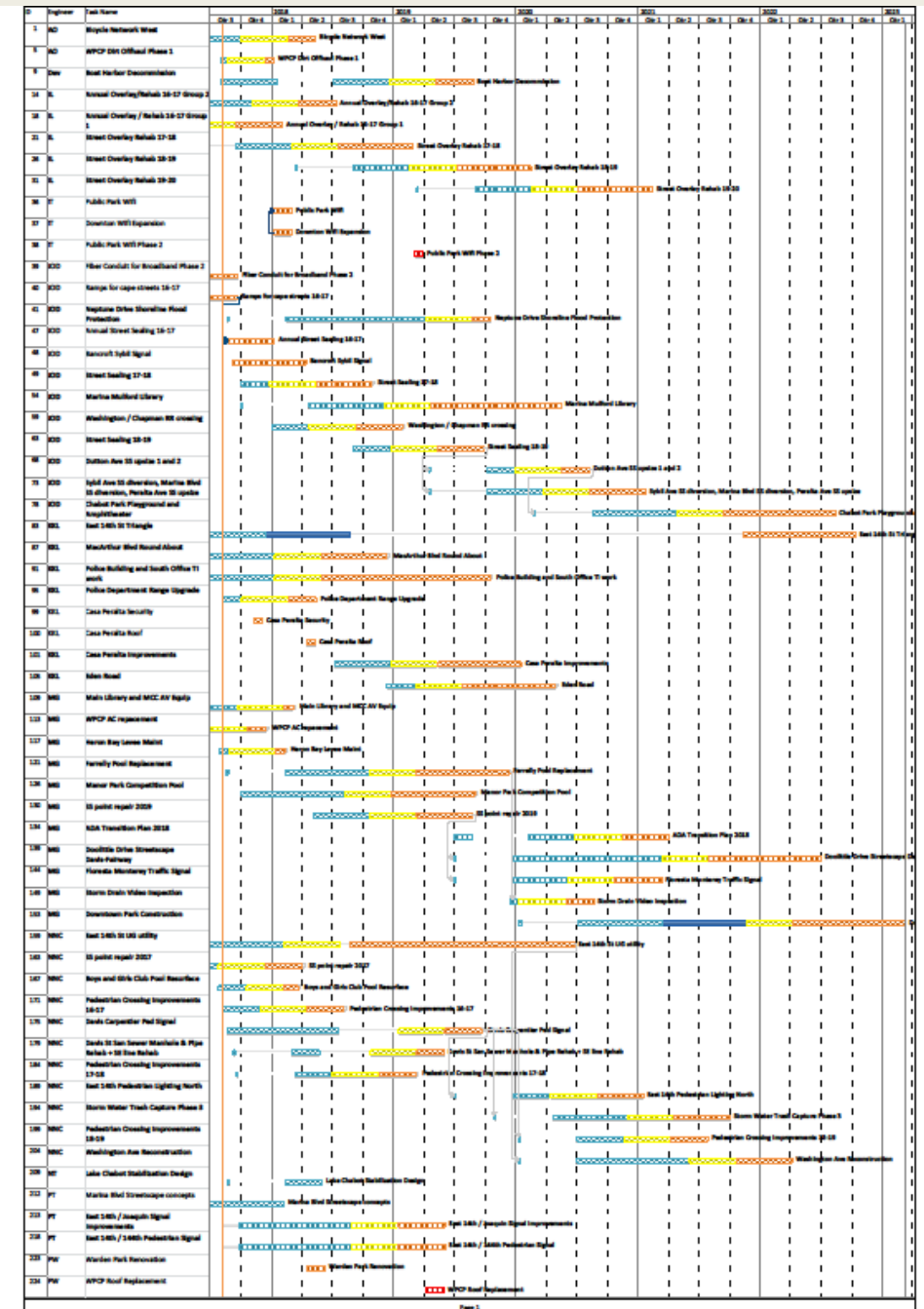


- Gantt chart showing design, bid, construction
- Color = phase
- Each phase has a minimum duration.
- Summary task = each phase rolled up

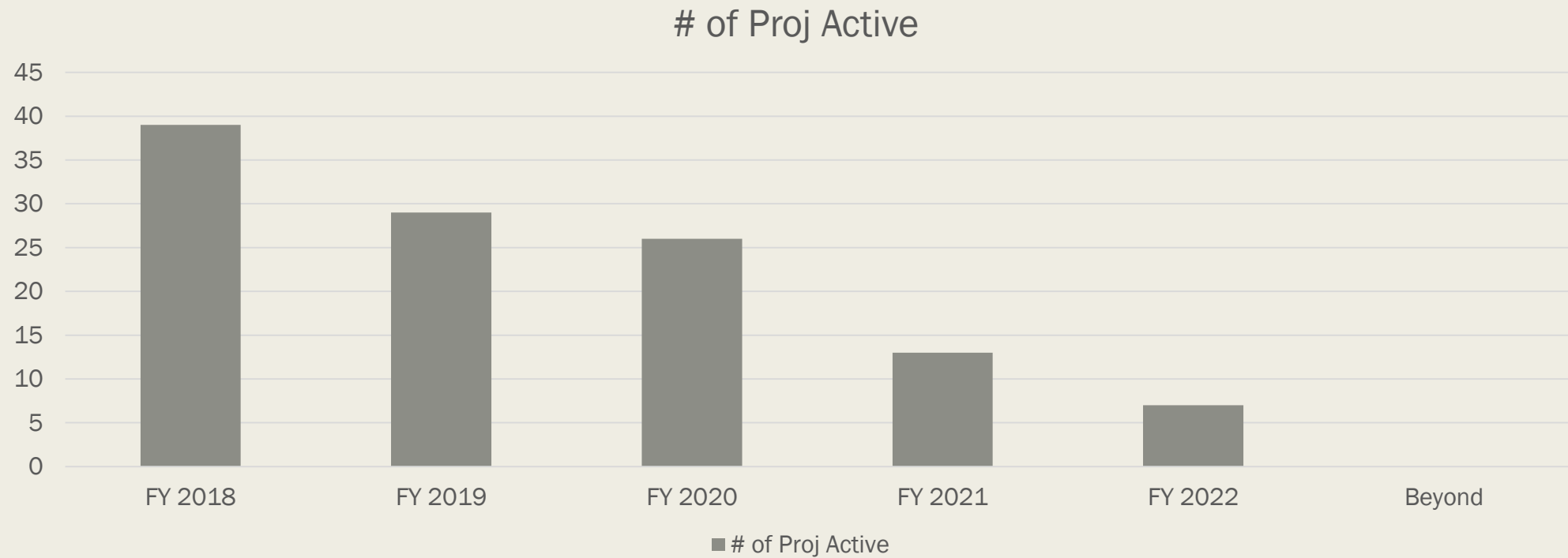


# Project Schedules

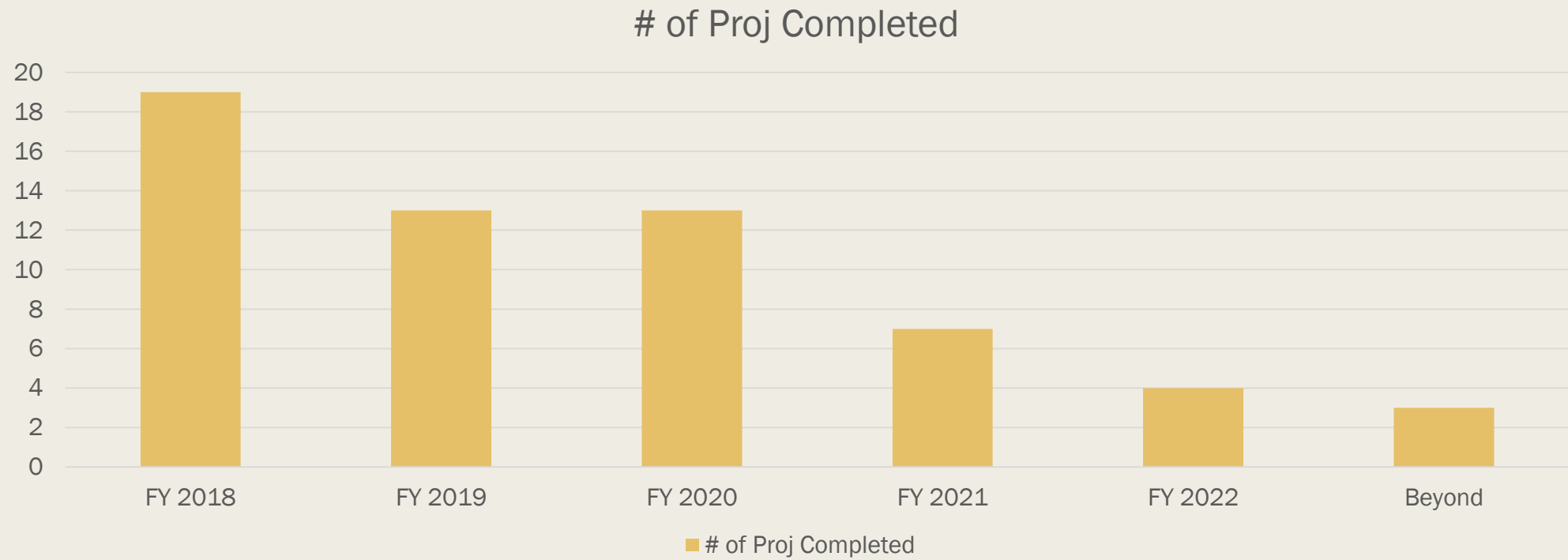
- Projects scheduled with consideration for:
  - *Input from Department Heads*
  - *Construction season*
  - *Optimum closure period for the public*
  - *Operational needs of departments*
  - *Workload / Capacity of engineers*
    - Depending on the scope an engineer can work on 3-5 projects efficiently.
    - When additional work is added each project takes longer to complete and there is a reduction in efficiency.
    - Consultants can leverage our staff, we are using them for the design of all new projects.
    - Temporary Staff can also increase capacity. We currently have one contract engineer, we are seeking a second.



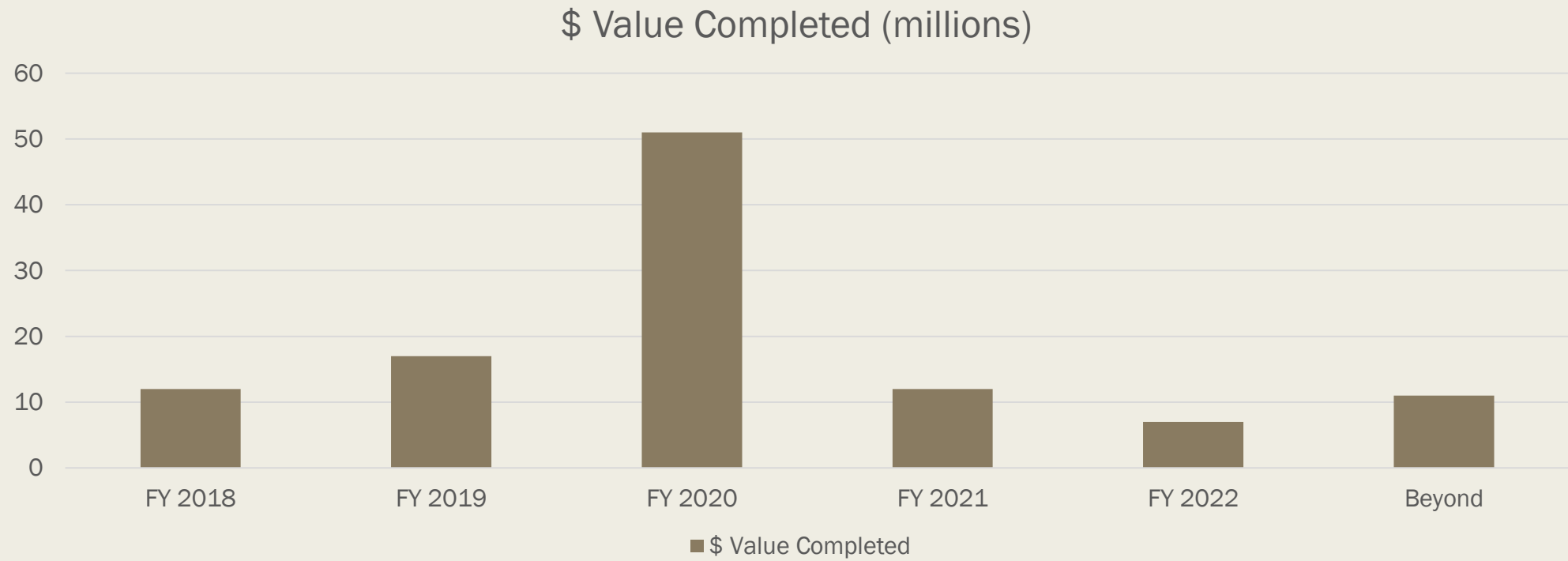
# Project Schedules



# Project Schedules

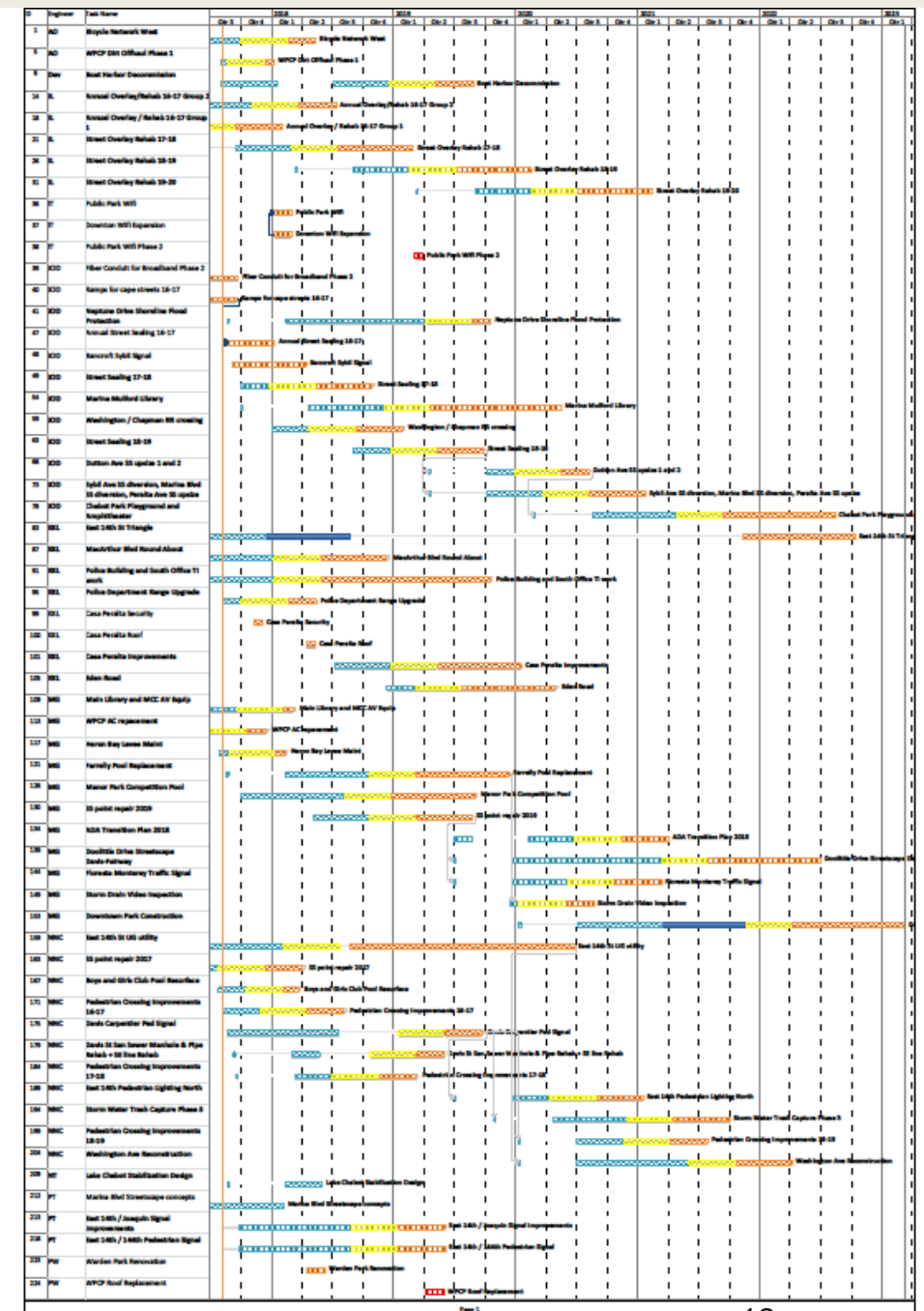


# Project Schedules



# Project Schedules

## Review of project workload for each engineer



# Next Steps

- Work on projects.
- Update schedules to reflect changes in duration or priority.
- Present plan to Citizen oversight commission.
- Bring plan to Council as part of 6 year CIP document.