

County of San Diego Department of Public Works (DPW)

Capital Improvement Program (CIP)



CAPITAL IMPROVEMENT PROJECTS

Agenda

- **Background – County of San Diego & DPW**
- **CIP Project Development**
- **CIP Construction Engineering**
- **How To Do Business with the County**
- **CIP Funding Sources**
- **CIP 5 Year Plan Approach**
- **Upcoming Projects**
- **Key Future Projects**





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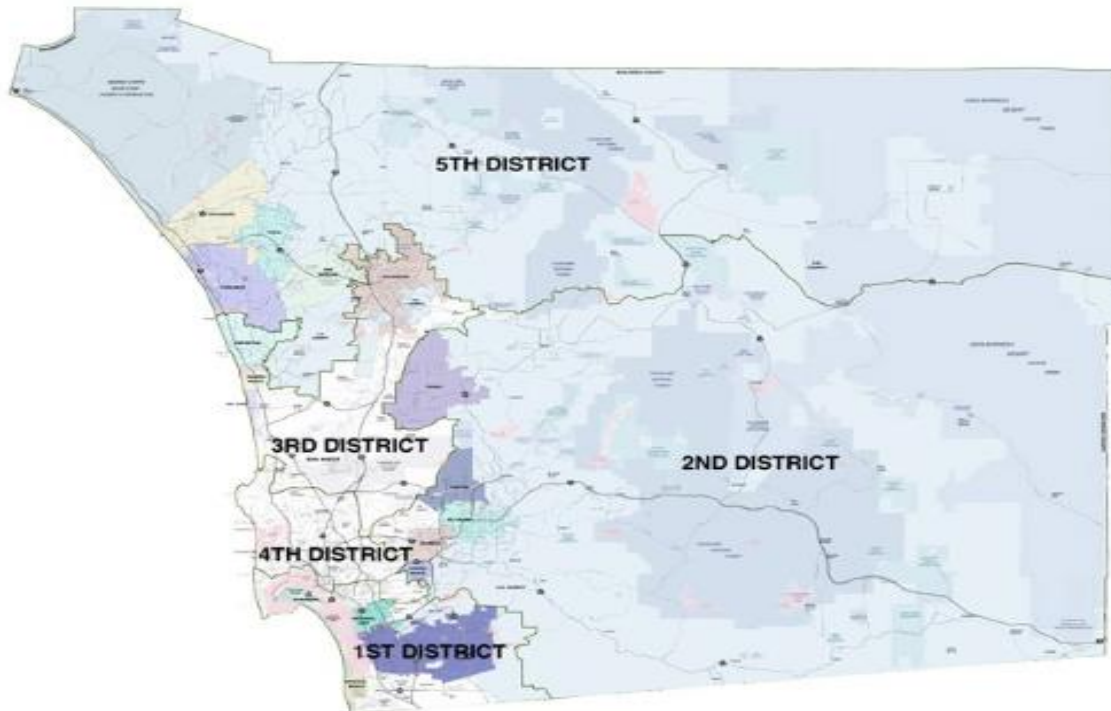


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County of San Diego Department of Public Works Organizational Chart



Richard Crompton
Director
858-694-2233

Derek Gade
Assistant Director
Transportation
858-694-3897



William Morgan
Deputy Director
Engineering
Services
County Engineer
858-694-3087



Richard Whipple
Deputy Director
Land
Development
858-694-2125



Orelia DeBraal
Deputy Director
Management
Services
858-505-6470



Thomas Herzberger
Field Engineering &
Road Maintenance
858-694-3884

Murali Pasumarthi
Traffic Operations
& Loss Mitigation
858-694-3892

Mark Perrett
Capital
Projects
858-694-2693

Collins Solomon
CIP Construction
Engineering/Lab
858-694-8948

Raymond Mathe
County
Surveyor
858-694-3869

Todd Snyder
Watershed
Protection
858-694-3672

Fatima Barredo
Financial
Services
858-694-2522

Sheryleen Dungao
Personnel &
Admin Services
858-694-2494

Rick Johnston
Road Maintenance
Division I
619-660-5808

Zoubir Ouadah
County Traffic
Engineer
858-694-3857

Project
Management
Nael Areigat
858-694-2815

Dan Brogadir
Wastewater
Management
858-694-2714

Michael Wonsidler
Creative Services
& Recycling
858-694-2465

Michael Long
Pvt Development
Construction
Inspection
858-514-4673

LeAnn Carmichael
Environmental
Services
858-694-3739

Richard Salas
Safety Coordinator
619-458-7604

Tony Ariosta
Road Maintenance
Division II
760-510-2448

Roger Griffiths
Airports
619-956-4834

James Bolz
858-694-2712
Chris Hanger
858-495-5652
Ryan Lau
858-495-5510
Rich Pettie
858-694-8982

Chrun Sambath
858-505-6396
Keith Kezer
858-495-5752
Amanda Parra
858-966-1353

Sara Agahi
Flood Control
858-694-2665

Dimark Ines
IT Principal
858-694-2539

Jason Forga
Pvt Rd & Landscape
Maint/Closed Landfills
858-495-5470



Approved Date: November 21, 2018

Richard E. Crompton
Richard E. Crompton, Director

DPW Background

- 525 Employees
- \$315 Million Department Budget
- 3,567 Square Miles Area
- 16 Permanent Work Locations
- 1, 943 Miles of Maintained Roads
- 14 Programs



DPW Background

- 8 Airports Owned and Operated
- 208 Bridges Maintained
- 11 Sewer Pump Stations
- 432 Miles of Sewer Systems
- 5 Wastewater Treatment Plants

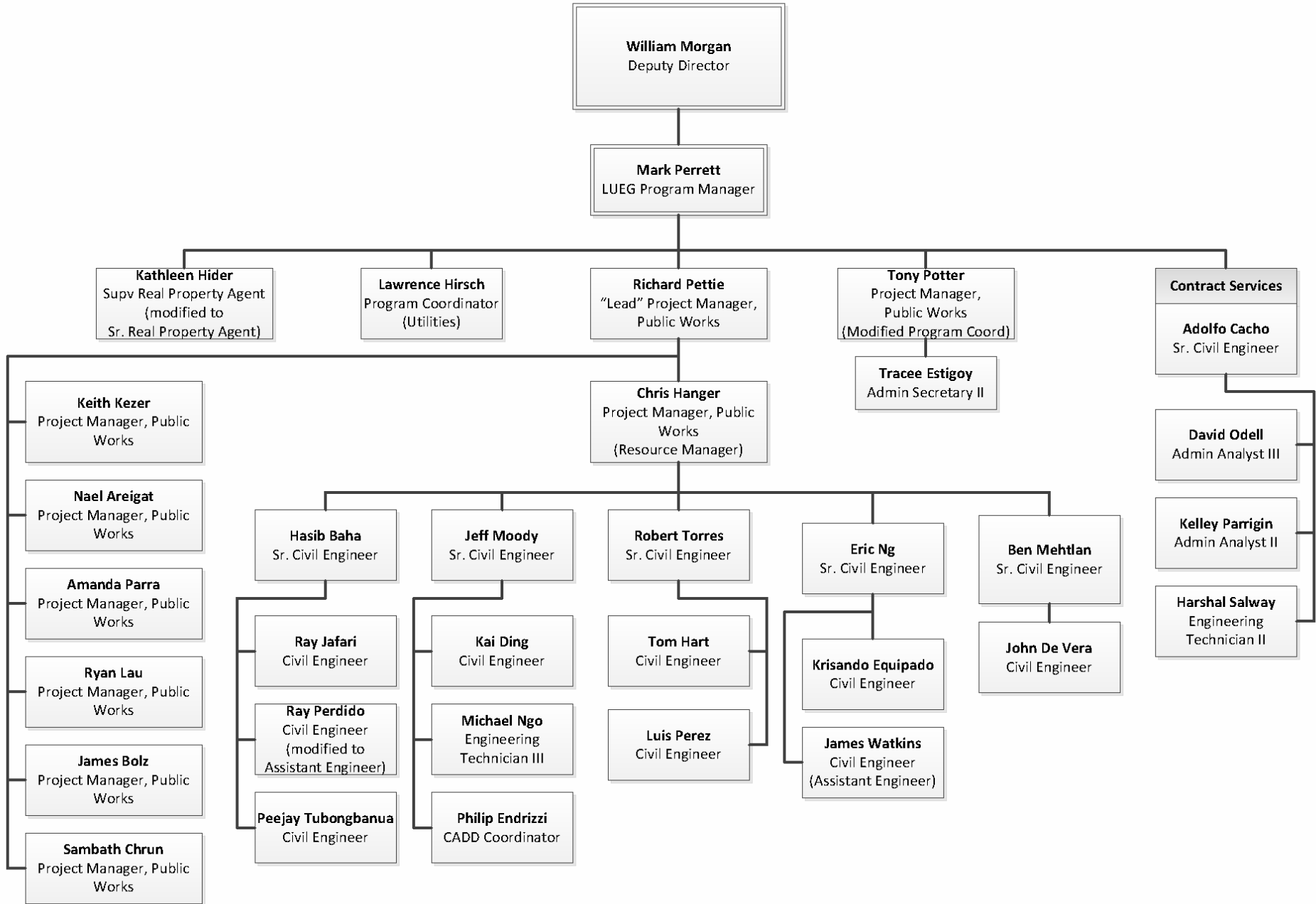


CIP – Design Engineering and Capital Projects

- 37 staff, including 6 Senior Civil Engineers and 8 Project Managers
- Approx. \$120M in Annual CIP Operational Plan
- Typically 100+ projects in process
- Over \$80 Million Annual Construction
- Outsourced Engineering Services
 - Design: \$8 M/Year



Design Engineering and Capital Projects



CIP Construction Engineering

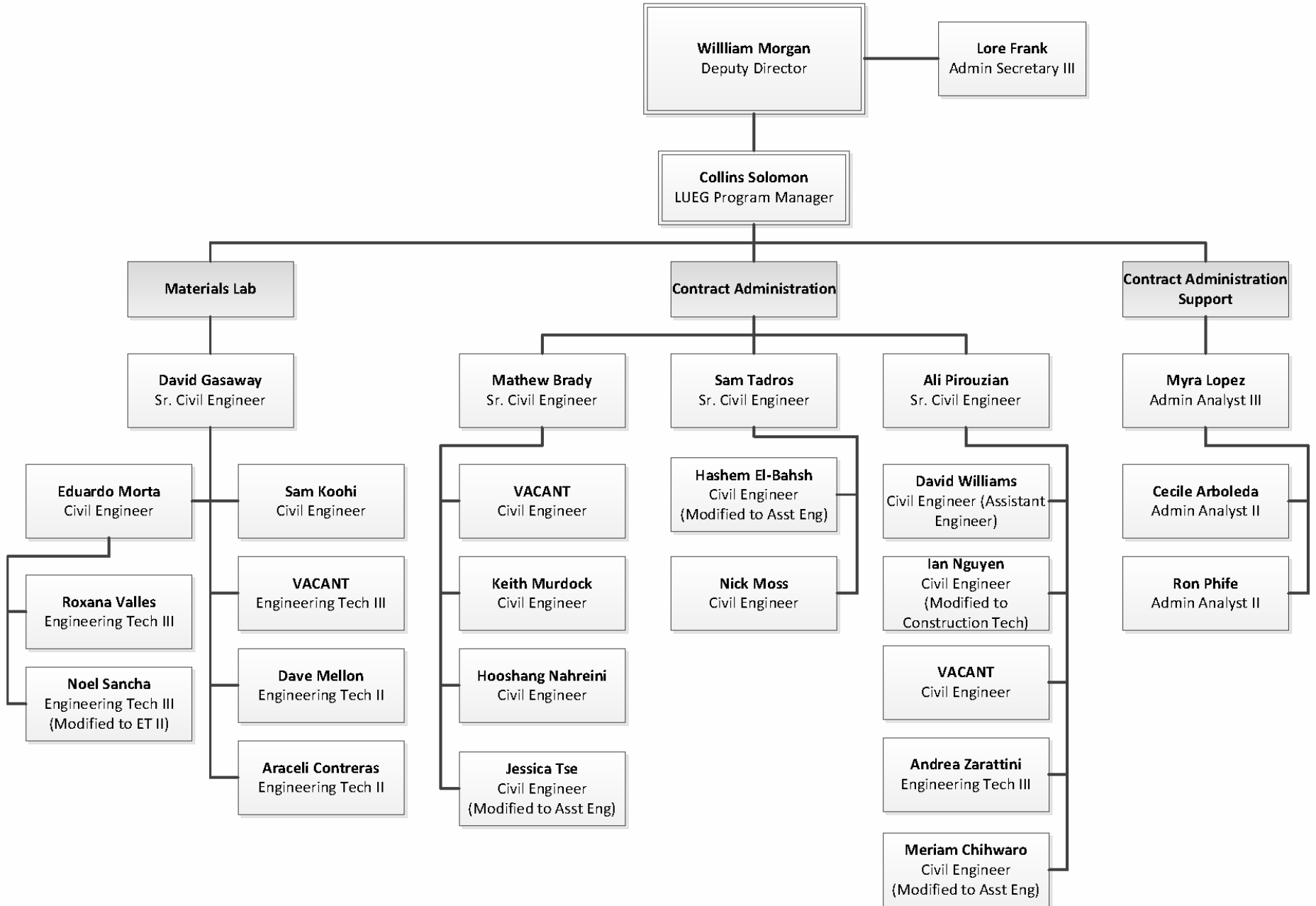
- 20 staff, including 4 Senior Civil Engineers
- FY 2018/19 – 39 active projects totaling \$78M
- Outsourced Engineering Services \$8M annually

DPW Materials Lab

- 8 staff, including County Materials Engineer
- Quality assurance for materials for CIP projects (CTM, ASTM, ACI, etc)
- Geotechnical investigations, materials reports, & pavement designs



Construction Engineering and Materials Lab



CM Consulting with Construction Engineering

- **FAA (6/15 – 6/20)**
 - **Mendoza and Associates (6/15 – 6/20)**
- **FHWA (5/15 – 3/20)**
 - **Simon Wong Engineering**
- **Non Federal (6/18 – 5/21)**
 - **AECOM Technical Services**
 - **CPM Partners**
 - **Kleinfelder Construction Services**
 - **Simon Wong Engineering**
 - **Psomas**
 - **TYLIN International**
 - **NV5 (6/18 – 6/20)**



Geotechnical Consulting with Materials Lab

- SCST (2/19 – 3/23)
- Southern California Soil and Testing (4/18 – 3/21)
- Kleinfelder (6/18 – 3/20)
- Ninyo & Moore (4/18 – 3/23)
- Wood Environment & Infrastructure Solutions (6/18 – 3/21)
- Kleinfelder (4/15 – 3/20)
- AMEC Earth & Environmental (4/15 – 3/20)
- Southern California Soil and Testing (7/16 – 6/19)
- AMEC Earth & Environmental (3/16 – 3/19)



How to do Business with the County

➤ Consultant Procurements

➤ Dept. of Purchasing & Contracting

BuyNet

- The primary way to participate in County business opportunities.
- An interactive online Procurement Application for suppliers interested in doing business with the County of San Diego.
- The way for a supplier to register, receive email notifications, download documents, respond to solicitations, or view awarded contracts.

How to Register on BuyNet

You may access BuyNet through the County of San Diego website (<http://www.sandiegocounty.gov/>) or you may enter the address directly into your web browser: <https://buynet.sdcounty.ca.gov>



CIP Funding Sources

➤ Primary Funding Sources

- Highway Users Tax Account (HUTA)
- SB1
- TransNet (TNET)
- Federal Highway Administration funds(FHWA)
- Federal Highway Bridge Program (HBP)



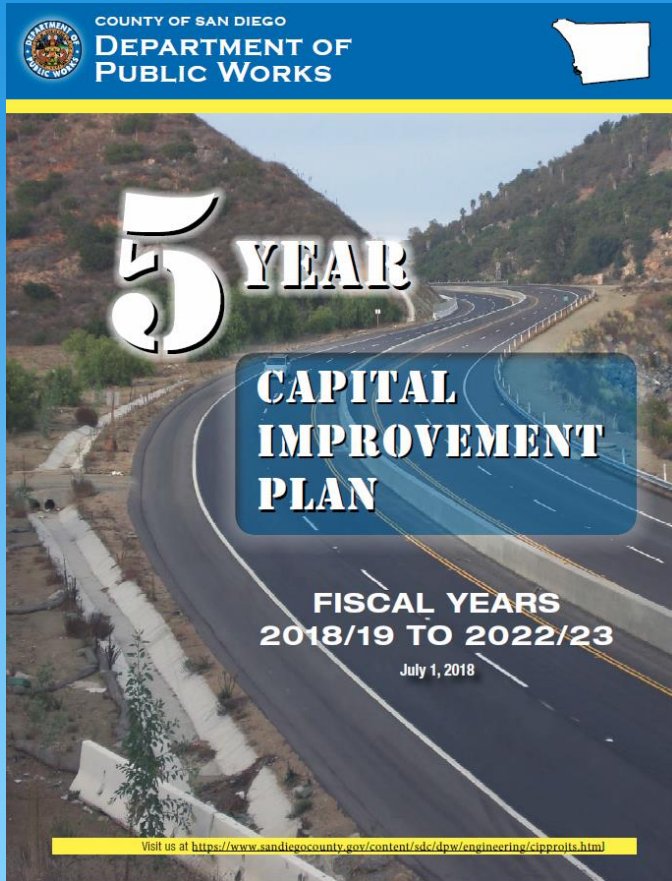
CIP Funding Sources

➤ Other Funding Sources

- Transportation Impact Fees (TIF)
- Flood Control District Fees (FCDT)
- 20A Conversion Project Funds
- Federal Aviation Administration (FAA)
- San Diego County Sanitation District funds
- Community Development Block Grants (CDBG)
- Active Transportation Program (ATP)
- Highway Safety Improvement Program (HSIP)
- Indian Gaming Special Distribution Fund (IGSDF)
- Tribal Fare Share Contributions/Donations



5-Year CIP Plan

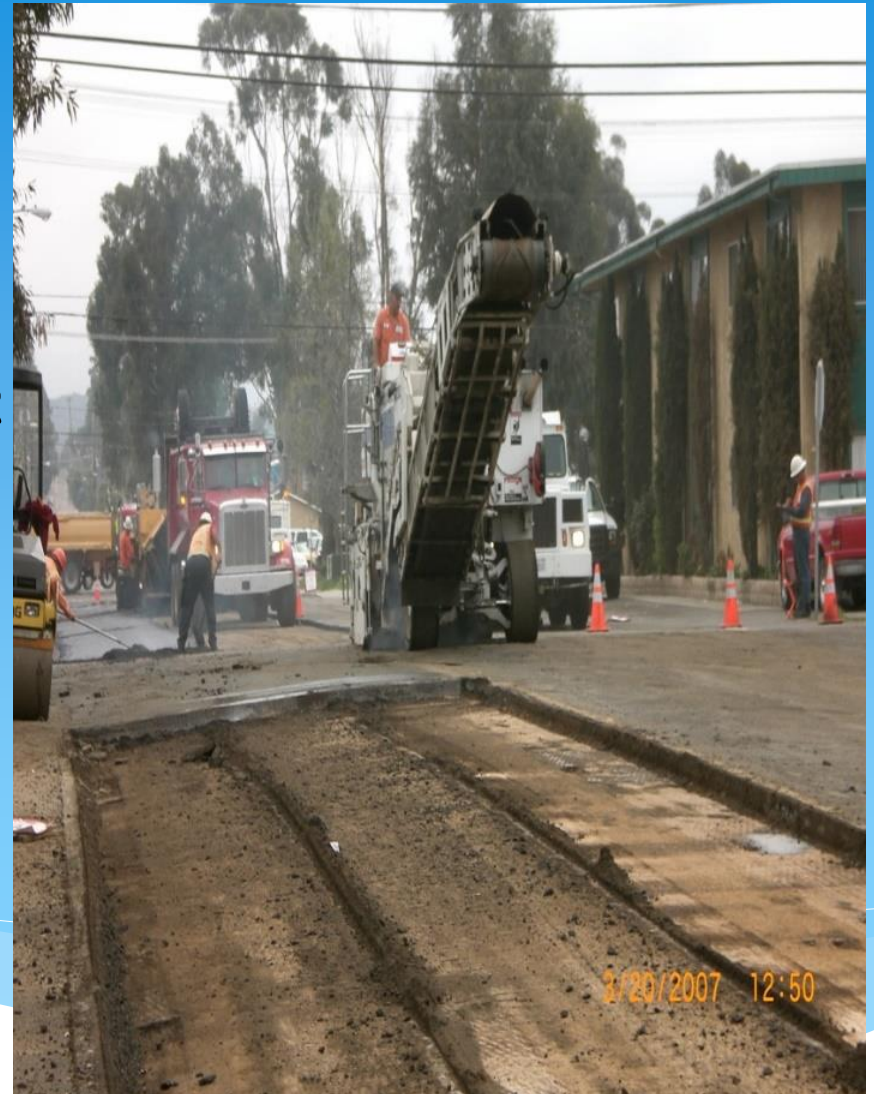


- Identifies Potential CIP Projects
- Input from Community Planning Groups, DPW Transportation, and Board of Supervisor Regional Planning Documents
- Prioritization not financial planning
- Visibility for highest priority projects
- Annual updates

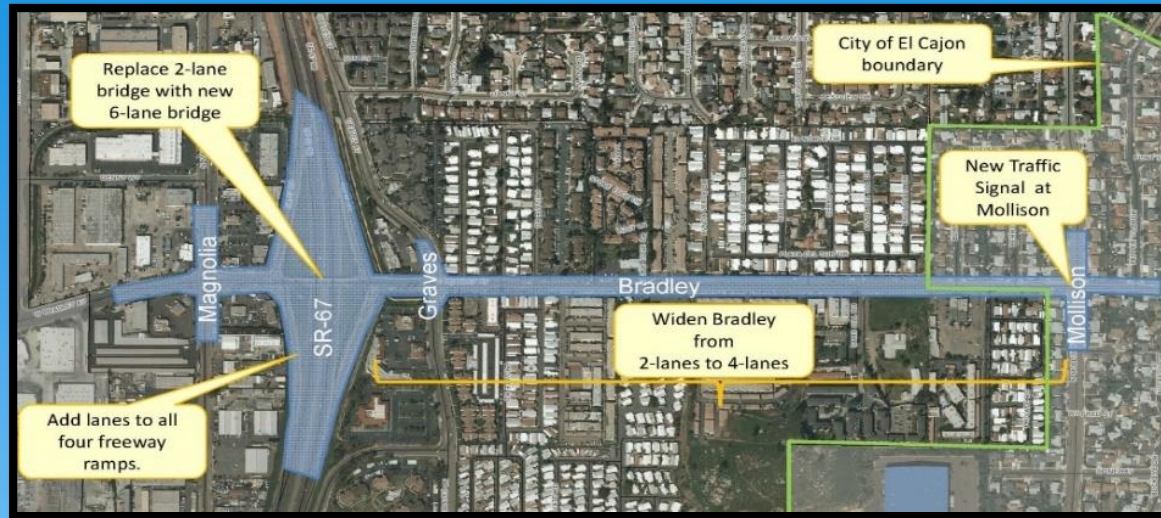


Major Maintenance

- Road Resurfacing \$56M/YR
 - AC Overlay
 - Slurry Seal
- Other Road Maintenance \$9M/YR
 - Culverts
 - PCC
 - Guardrails



Bradley Ave Interchange (At SR 67)



- **Widen Bradley Ave from 2 to 4 between Magnolia and Mollison- Lakeside**
- **Replace 2 lane bridge with 6 lane bridge**
- **Funding TNET**
- **Est. Construction Complete 2023**
- **Estimated Total Project Cost \$34M**



Ashwood Street Corridor Improvements



- Maplevue Street to north of Willows Road - Lakeside
- Funding TNET and Tribal (Barona Band of Mission Indians)
- Est. Construction Complete 2022
- Estimated Total Project Cost \$25M



Cole Grade Road Improvements



- Fruitvale Road to Pauma Heights Road – Valley Center
- Funding TNET
- Green Streets Project
- Est. Construction Complete 2022
- Estimated Total Project Cost \$31M



Bridge Program

- **Bridge Rehabilitation, Replacement and Scour Mitigation (\$26M)**
 - **Buckman Spring Road Bridge – Rehabilitation in Campo, estimated cost and construction completion \$5 million**
 - **Live Oak Park Road Bridge – Replacement in Fallbrook, estimated cost and construction completion \$5.5 million**
 - **Willows Road Bridge Scour - \$5 million**



Sidewalk Program

- Pedestrian Gap (\$2.5 M)
- CDBG Grant (\$800k to \$1M)
- ATP Grants



Enterprise Fund CIP Programs

- Airports (\$6M)



- Watershed Protection (\$8.2M)



- Wastewater (\$7.4M)



- Flood Control (\$7M)



Questions?

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Program Manager

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