September 29, 2020

OCPW 7-Year Capital Improvement Program

FY 20-21 through FY 26-27
Welcome

- Edward Frondoso, P.E.
  Deputy Director, Construction
  edward.frondoso@ocpw.ocg.gov.com
Outline

1. About OC Public Works
2. 7-Year Capital Improvement Program
3. COVID Impacts
4. Horizontal Construction Projects
   • Road & Bridge
   • Flood Control Channels
   • Bikeways
5. Procurement
OCPW Sr. Management Team

OC Public Works
DIRECTOR
James Tweedy
(714) 667-9700

CHIEF DEPUTY DIRECTOR
Tim Gentry
(714) 667-8892

CHIEF DEPUTY DIRECTOR/COUNTY ENGINEER
Khalid Bannour
(714) 667-3213

OC Survey
Deputy Director
Kevin Hills
(714) 967-0824

Administrative & Fleet Services
Deputy Director
Ron Vienna
(714) 667-9701

OC Facilities Design & Const.
Management
Deputy Director VACANT
(714) 667-3948

OC Facilities Maintenance &
CUP
Interim Deputy Director
Kevin Onuma
(714) 647-3939

OC Infrastructure Programs
Deputy Director
Nandy Klein
(714) 647-3939

OC Operation & Maintenance
Deputy Director
Kevin Onuma
(714) 647-3939

OC Development Services
Interim Deputy Director
Richard Young
(714) 667-3939

OC Construction
Deputy Director
Edward Francisco
(714) 245-4596

OC Environmental Resources
Deputy Director
Amanda Carr
(714) 955-0060

- Field Units
- Special Projects
- Right-of-Way Mapping
- GIS Mapping
- Aerial Imagery
- Sub-Basin Map Checking
- Budgets/Finance
- Accounting/ Payroll
- Procurement
- Information Technology
- Strategic Communication
- CAS Building Management
- Training/Employee Services
- Parking
- Administration
- County Vehicular Usage
- Vehicle Maintenance
- County Fuel Cards
- Safety & Compliance
- Green Fleet
- Standard Specifications
- DMV
- Vertical Projects
- Project Management
- Custodial
- Compliance
- Vertical Facilities
- GHM
- Maintenance & Engineering
- Central Utility Facility
- Property Management
- Utility Purchasing & Tracking
- Sustainability
- Horizontal Facilities O&M
- Inspection/Regulation
- General Maintenance
- City Contracts
- Equipment Operations
- Permits
- Application & Processing
- Grading & Building
- Land Use Permits
- County Property Permits
- Strategic-Level Planning
- Code Enforcement
- Construction Administration
- Materials Lab
- Special Projects
- Roads, Bridges, Flood Control
- Conservation Management
- Agricultural Programs
- Pesticide Regulation
- Watershed Management
- Weed Abatement
- Weights & Measures
- Water Quality
Oso Parkway Bridge

- Sponsor: TCA
- Construction cost: $18 million
- Began construction: August 2018
- Est. complete construction: October 2020
- CM: Jacobs (RFP)
- Contractor: Ortiz Enterprises
Edinger Bridge

- Sponsor: OC Public Works
- Construction cost: $14.4 million
- Began construction: March 2017
- Completed construction: August 2019
- CM: PreScience (RFP)
- Contractor: Kiewit Infrastructure West
Fullerton Creek Channel Phase 2

- Sponsor: OC Flood Control District
- Construction cost: $32 million
- Began construction: Oct 2019
- Est. complete construction: June 2021
- Contractor: Kiewit Infrastructure West
Capital Improvement Program

- **Purpose**
  - Financially constrained
  - Resource balanced
  - Pursuit of grant funds
  - Transparency for the Board and public

- **OCPW & OCCR Collaboration**
  - OCPW provides service to OCCR
  - Formalize processes and ensure adequate resources for planned workload
  - Developed first combined 7-Year CIP
Capital Improvement Program

www.ocpublicworks.com/about/capital_improvement_program

Overview Booklet

Detailed Project List

Interactive GIS Map
Capital Improvement Program

OCPW
7-Year Total $1,078,390,000

- Flood CIP
  $504,300,000, 47%
- Road CIP
  $254,810,000, 24%
- Road MIP
  $159,640,000, 15%
- Bikeway CIP
  $70,490,000, 6%
- Flood MIP
  $59,310,000, 5%
- Road EFP
  $29,840,000, 3%
COVID IMPACTS

• Board approved the budget on 9/15/20
  https://www.ocgov.com/gov/ceo/deputy/finance/budget/fy2021

• Projected County-wide impact $145M
• Impacts to Road/Flood funding
• Volunteer Incentive Program (VIP)
• Hiring Freeze
• Restructuring/consolidation
• Increased use of consultants
Potential Revenue Reductions

OC Public Works Funding Sources
- Property Tax
- Grant Funding
- Other Agencies’ Contributions
- Gas Tax, Senate Bill 1
- Developer Fees

Potential Projects to Defer
- Widening Projects
- Projects without Grant Funding

Maintain Funding for
- Maintenance Projects
- Safety Projects
## Upcoming Road & Bridge Projects

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Project Name</th>
<th>Project Cost</th>
<th>Design</th>
<th>Delivery Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-21</td>
<td>ADA Upgrades – Midway City</td>
<td>$604,000</td>
<td>In-House</td>
<td>JOC</td>
</tr>
<tr>
<td>20-21</td>
<td>Traffic Signal Upgrades – Newland Street at Hazard Avenue</td>
<td>$661,000</td>
<td>In-House</td>
<td>JOC</td>
</tr>
<tr>
<td>20-21</td>
<td>Olive Heights Sidewalk Gap Closure</td>
<td>$810,000</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>20-21</td>
<td>Kellogg Drive Sidewalk Gap Closure</td>
<td>$496,000</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>20-21</td>
<td>Silverado Canyon Road Bridge (55C0175) Replacement</td>
<td>$1,545,800</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
</tbody>
</table>
## Upcoming Road & Bridge Projects

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>20-21</td>
<td>Brea Blvd Bridge Replacement &amp; Corridor Enhancement</td>
<td>$54,780,000</td>
<td>A-E</td>
<td>CMAR</td>
</tr>
<tr>
<td>23-24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20-21</td>
<td>Traffic Management Center Fiber Optic Expansion – Oso Parkway</td>
<td>$1,575,000</td>
<td>In-House</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Crawford Canyon Road Sidewalk Extension</td>
<td>$6,395,000</td>
<td>In-House</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Loma Ridge Road Widening</td>
<td>$8,500,000</td>
<td>In-House</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Santa Clara Ave, Prospect Ave &amp; Yorba St Drainage &amp; Sidewalk Improvements</td>
<td>$2,600,000</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
</tbody>
</table>
## Upcoming Road & Bridge Projects

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Project Name</th>
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<th>Design</th>
<th>Delivery Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-22</td>
<td>Trabuco Creek Road Stabilization</td>
<td>$7,470,000</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Modjeska Canyon Road Bridge (55C0172) Replacement</td>
<td>$1,818,000</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Silverado Canyon Road Bridge (55C0174) Replacement</td>
<td>$2,126,400</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Silverado Canyon Road Bridge (55C0177) Replacement</td>
<td>$1,917,600</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Coast Highway Bikeway &amp; Pedestrian Bridge at Capistrano Beach</td>
<td>$3,357,000</td>
<td>A-E</td>
<td>Low Bid</td>
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</tbody>
</table>
### Upcoming Road & Bridge Projects

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Project Name</th>
<th>Project Cost</th>
<th>Design</th>
<th>Delivery Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-21</td>
<td>Cow Camp Road (Segment 2)</td>
<td>$8,022,774</td>
<td>A-E</td>
<td>RMV-Low Bid</td>
</tr>
<tr>
<td>20-21</td>
<td>Antonio Parkway Gateway Improvements</td>
<td>$608,000</td>
<td>A-E</td>
<td>RSM-Low Bid</td>
</tr>
<tr>
<td>20-21 22-23</td>
<td>Laguna Canyon Road Improvements</td>
<td>$12,265,000</td>
<td>A-E</td>
<td>Caltrans-Low Bid</td>
</tr>
</tbody>
</table>
## Upcoming Flood Control Projects

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Project Name</th>
<th>Project Cost</th>
<th>Design</th>
<th>Delivery Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-21</td>
<td>East Garden Grove-Wintersburg Channel</td>
<td>$85,000,000</td>
<td>A-E</td>
<td>Design Build</td>
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<tr>
<td>21-22</td>
<td></td>
<td></td>
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<tr>
<td>20-21</td>
<td>Huntington Beach Channel &amp; Talbert Channel Rehabilitation Project</td>
<td>$66,153,600</td>
<td>A-E</td>
<td>Design Build</td>
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<tr>
<td>22-23</td>
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<tr>
<td>20-21</td>
<td>Laguna Canyon Channel Replacement</td>
<td>$7,080,000</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
</tbody>
</table>
## Upcoming Bikeway Projects

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Project Name</th>
<th>Project Cost</th>
<th>Design</th>
<th>Delivery Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-22</td>
<td>OC Loop Segment D Carbon Canyon Bikeway</td>
<td>$9,160,500</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>21-22</td>
<td>Santa Ana River Parkway Extension</td>
<td>$18,170,000</td>
<td>A-E</td>
<td>Low Bid</td>
</tr>
<tr>
<td>22-23</td>
<td>Santa Ana Gardens Channel Bikeway Extension</td>
<td>$3,820,000</td>
<td>In-House</td>
<td>Low Bid</td>
</tr>
<tr>
<td>22-23</td>
<td>Peters Canyon Bikeway Extension</td>
<td>$9,010,000</td>
<td>In-House</td>
<td>Low Bid</td>
</tr>
<tr>
<td>Project</td>
<td>Cost</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>---------</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>ADA Upgrades</td>
<td>$4.0 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guardrail Projects</td>
<td>$231.0 K</td>
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<tr>
<td>Sidewalk Gap Closure</td>
<td>$6.1 M</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Street Drainage</td>
<td>$13.4 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Traffic Management Center</td>
<td>$10.8 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Traffic Signal Upgrades</td>
<td>$7.9 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O&amp;M Maintenance Improvement Program (Flood)</td>
<td>$46.0 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O&amp;M Maintenance Improvement Program (Road)</td>
<td>$21.0 M</td>
<td></td>
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<tr>
<td>Flood On-going Mitigation</td>
<td>$13.3 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bridge Maintenance</td>
<td>$15.2 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pavement Maintenance</td>
<td>$4.5 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Road On-going Mitigation</td>
<td>$262.8 K</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A-E Qualified Vendor List (QVL)

- **QVL**
  - Each discipline will generate a Qualified Vendors List (QVL)
  - $200,000 contract(s) per agency per year per firm
- **On-Call Contracts**
  - Based on projected usage, a select number of firms will be awarded larger On-Call Contracts
  - $500,000 to $2.5M contracts, varies by discipline
  - 3-year terms with the option to renew for an additional 2 years
  - Number of On-Call Contracts awarded varies by projected usage
## A-E Slate Renewals In Progress

<table>
<thead>
<tr>
<th>Slate</th>
<th>Type</th>
<th>Total No.</th>
<th>Total Amount</th>
<th>Board Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood Design &amp; Flood Programs</td>
<td>Renewal</td>
<td>9</td>
<td>$9M</td>
<td>11/17/20</td>
</tr>
<tr>
<td>Geotechnical &amp; Materials Testing</td>
<td>Renewal</td>
<td>5</td>
<td>$2.5M</td>
<td>12/15/20</td>
</tr>
<tr>
<td>Road/Bikeway Design*</td>
<td>Rebid</td>
<td>14</td>
<td>$10.5M</td>
<td>11/17/20</td>
</tr>
<tr>
<td>Bridge Design*</td>
<td>Rebid</td>
<td>5</td>
<td>$7.5M</td>
<td>12/15/20</td>
</tr>
<tr>
<td>Regulatory Permitting/Restoration*</td>
<td>Rebid</td>
<td>9</td>
<td>$13.5M</td>
<td>12/15/20</td>
</tr>
<tr>
<td>CIP Project Support*</td>
<td>Rebid</td>
<td>4</td>
<td>$3M</td>
<td>11/17/20</td>
</tr>
<tr>
<td>Construction Management/Inspection**</td>
<td>Rebid</td>
<td>10</td>
<td>$6M</td>
<td>11/17/20</td>
</tr>
</tbody>
</table>

*Advertised on BidSync in May/June 2020

**Advertised on BidSync in June/July 2020
Job Order Contracts

⇒ https://occonstruction.ocpublicworks.com/
## JOC Procurement for 2021

For reference, 2020 JOC Contracts:
- Pavement Maintenance, 7 contracts ($4.98M each)
- General Engineering, 6 contracts ($4.98M each)

<table>
<thead>
<tr>
<th>Anticipated RFP Timeline</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertise on BidSync</td>
<td>March 2021</td>
</tr>
<tr>
<td>Prebid Meeting (mandatory)</td>
<td>March 2021</td>
</tr>
<tr>
<td>Establish Prequal List</td>
<td>April 2021</td>
</tr>
<tr>
<td>Bid Opening</td>
<td>April 2021</td>
</tr>
<tr>
<td>Finalize Contracts</td>
<td>May 2021</td>
</tr>
<tr>
<td>Board Approval</td>
<td>July 2021</td>
</tr>
<tr>
<td><strong>2020 Contracts Expire</strong></td>
<td>August 2021</td>
</tr>
</tbody>
</table>
New JOC Contracts: Traffic Signals

- New JOC Unit Price Book for 2020/21
- Anticipate 2 contracts at $1M each

<table>
<thead>
<tr>
<th>Anticipated RFP Timeline</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertise on BidSync</td>
<td>October 2020</td>
</tr>
<tr>
<td>Bid Opening</td>
<td>December 2020</td>
</tr>
<tr>
<td>Board Approval</td>
<td>February 2021</td>
</tr>
</tbody>
</table>
Resources

- **OC Public Works Website**
  - [https://www.ocpublicworks.com/](https://www.ocpublicworks.com/)

- **Procurement Website**
  - [https://olb.ocgov.com/bids/](https://olb.ocgov.com/bids/)

- **Construction Website**
  - [https://occonstruction.ocpublicworks.com/](https://occonstruction.ocpublicworks.com/)
Thank you

Questions?

www.ocpublicworks.com
ProjectInfo@ocpw.ocgov.com
www.facebook.com/ocpublicworks
www.twitter.com/ocpublicworks