New River Improvement Project – Calexico Reach

Project Update

Jose L. Angel, P.E. January 19, 2022
Today’s Topics

• Project Background
• Project Key Components
• Project Status
  – Pre-construction and Due Diligence
    • Pre-construction permits and consents
  – Construction milestones
• Questions/comments
Project Background

• Genesis: New River severely polluted, threatens public health
  – Assembly Bill 1079 signed into law October 2009
    • New River Strategic Plan Developed in 2011
      – Identifies priority improvements within five New River reaches
      – Quantifies water quality impairments and their threat to public health
      – Identifies public agency roles and responsibilities

• State appropriates funding
  – $1.4M for plans and specs in 2016
  – $10M for implementation in 2018
  – $18M for implementation in 2020

• Calexico becomes Project Lead in 2020
  – NRIP CEQA Document Certified in 2020 – Calexico Reach
Project Background

Key components
- Structural Controls
- Non-structural Controls
Trash Screen

Diversion structure

72-in bypass pipe (aka encasement)

72-in Outfall & Energy dissipater

Pump-back station

Pump-back forcemain & outfall
Calexico Reach Project Elements

**Legend:**
- Red: Proposed trench spoil location
- Purple: Proposed construction and staging area for diversion structure
- Blue: Fill area
Funding, Pre-construction and Due Diligence

- CDWR-City $28M Funding Agreement
  - Agreement executed in May 2021
- Mar 2021 City begins work on Pre-construction phase

<table>
<thead>
<tr>
<th>Permits Needed</th>
<th>Regulatory Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Water Act Sec. 401</td>
<td>State Regional Water Board</td>
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<tr>
<td>Clean Water Act. Sec. 404</td>
<td>US Army Corps of Engineers</td>
</tr>
<tr>
<td>Fish and Game Code Sec. 1602</td>
<td>State Fish and Wildlife</td>
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<td>City Encroachment and Grading Permits</td>
<td>City of Calexico</td>
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<td>Encroachment and Occupancy Permit</td>
<td>US General Services Administration</td>
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<td>Encroachment Permit</td>
<td>Private property owner at west end of Project</td>
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</table>
## Pre-construction Phase Status

<table>
<thead>
<tr>
<th>Permits Needed</th>
<th>Regulatory Agency</th>
<th>Application Status</th>
<th>Permit Status</th>
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<tbody>
<tr>
<td>CWA Sec. 401</td>
<td>State Regional Water Board</td>
<td>Filed Jul 2021</td>
<td>Received Jan 5, 2022</td>
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<tr>
<td>CWA Sec. 404</td>
<td>US Army Corps of Engineers</td>
<td>Filed Aug 2021</td>
<td>Expected Jan 2022</td>
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<tr>
<td>CFGC Sec. 1602</td>
<td>State Fish and Wildlife</td>
<td>Filed Jul 2021</td>
<td>Received Dec 2021</td>
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<tr>
<td>City Encroachment and Grading Permits</td>
<td>City of Calexico</td>
<td>Filed Jun 2021</td>
<td>Encroachment Permit issued</td>
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<td></td>
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<td>Grading permit expected Mar/Apr 2022</td>
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<tr>
<td>Encroachment and Occupancy Permit</td>
<td>US General Services Administration</td>
<td>Filed Aug 2021</td>
<td>TEO Permit expected Feb 2022</td>
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<tr>
<td>Encroachment Permit</td>
<td>Private property owner at west end of Project</td>
<td>City in contact with owner</td>
<td>Expected Mar 2022</td>
</tr>
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- Mar – Jun 2021 held meetings with CBP and CBP has expressed enthusiastic support
- Council awarded contract for Construction Management Nov 2021
Still Needed to be Shovel Ready

• City Engineer comments on plans and specifications
  – Expected by Jan 31, 2022

• Issue task order to MBI to finalize plans and specifications
  – City Council considering approval today
  – Finalize plans and specifications by Feb 2022

• Invitations to bid on Project
  – Issue invitations early Mar 2022
  – Review bids early Apr 2022
  – Award contract(s) late Apr 2022

• Start construction May 2022
Summary and Outlook

- City working closely with Project and key stakeholders
  - IID, County, State DWR, CalEPA, SWRCB, NGOs, legislative reps, IBWC
- Discussion now focuses on start of construction

<table>
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<tr>
<th>Phase</th>
<th>Timeline</th>
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<tr>
<td>CEQA Compliance</td>
<td>April 2020</td>
</tr>
<tr>
<td>Regulatory Pre-Application Meetings</td>
<td>Mar 2021</td>
</tr>
<tr>
<td>Submit Permit Applications</td>
<td>May-Aug 2021</td>
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<tr>
<td>Receive Permits</td>
<td>June – Feb 2022</td>
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<tr>
<td>Initiate Construction</td>
<td>Mar 2022</td>
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<tr>
<td>Construction End</td>
<td>May 2023</td>
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Questions/Comments