

PROJECT CLOSEOUT



Transfer of Operations and Maintenance (O&M)
Responsibilities for the
Natomas Cross Canal South Levee

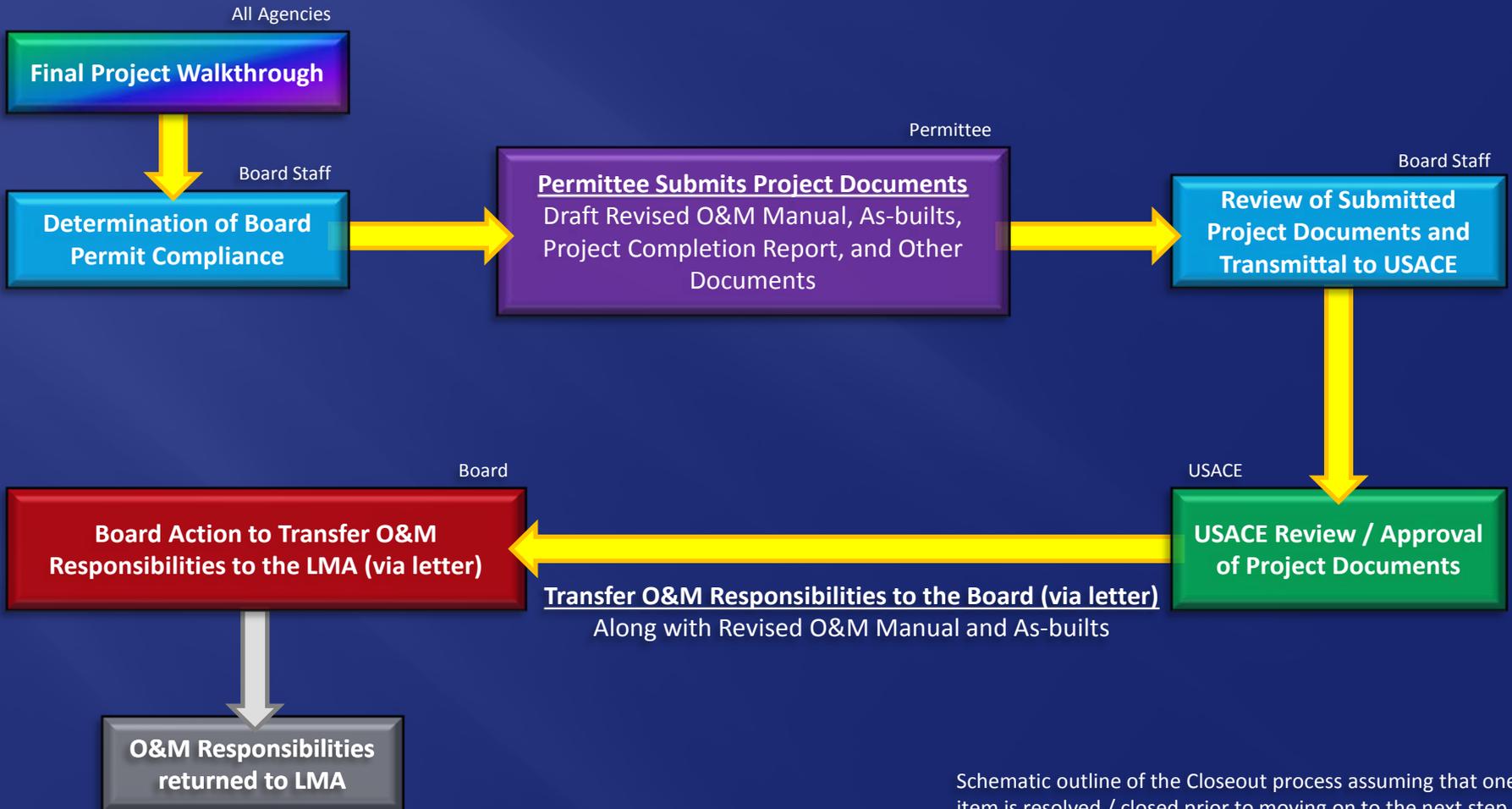
to
Reclamation District 1000

June 27, 2014

CLOSEOUT PROCESS



After project construction is complete, the process outlined below is followed:



Schematic outline of the Closeout process assuming that one item is resolved / closed prior to moving on to the next step.



BOARD ACTION

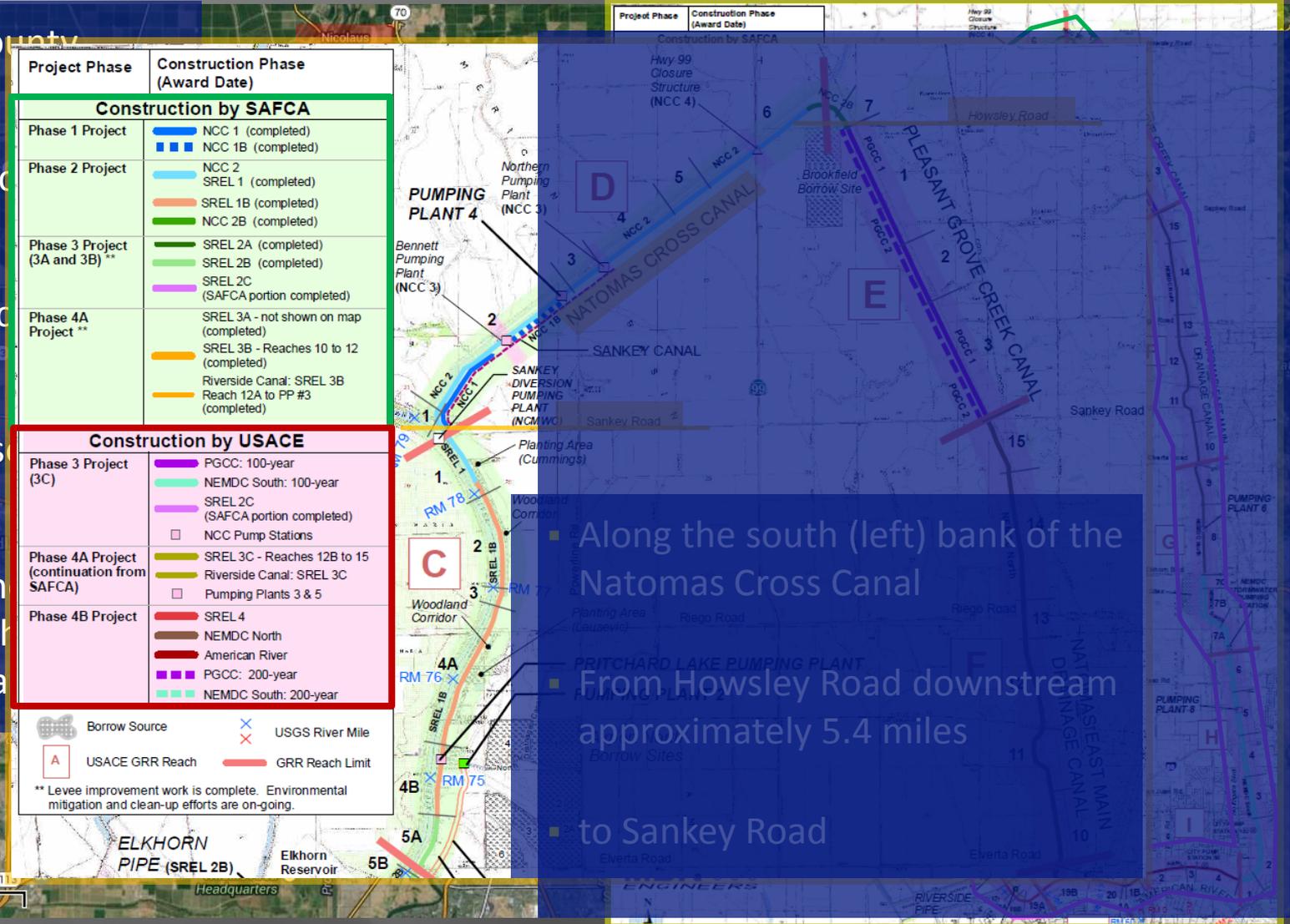
Board staff is asking the Board to:

- **acknowledge acceptance**, from the U.S. Army Corps of Engineers (USACE), responsibilities to operate and maintain the Natomas Cross Canal South Levee (NCCSL) via USACE Sacramento District letter to the Board,
- **acknowledge receipt**, from the USACE, the revised Supplement to Standard Operations and Maintenance Manual, Sacramento River Flood Control Project, Unit No. 125, Back Levee of Reclamation District No. 1000, U. S. Army Corps of Engineers, Sacramento, California, April 2014 (Revised O&M Manual),
- **acknowledge receipt**, from the USACE, final project as-built drawings (originally prepared by SAFCA),
- **and transfer**, via June 27, 2014 draft letter, responsibilities to operate and maintain the NCCSL to Reclamation District 1000 (RD 1000), along with the Revised O&M Manual and as-built drawings.

PROJECT LOCATION



- In Sutter County
- North of Sacramento
- South of Nicolaus
- West of Rossville
- In the northern portion of the Natomas Basin



- Along the south (left) bank of the Natomas Cross Canal
- From Howsley Road downstream approximately 5.4 miles
- to Sankey Road

AUTHORITY OF THE BOARD



- California Water Code § 8350 and § 8370
- California Code of Regulations, Title 23 (Title 23)
- Rivers and Harbors Act of 1899, Title 33 United States Code § 408 (Section 408)
- Prior and Revised Supplements to the Standard Operations and Maintenance Manual (June 1959 and May 2014)



PROJECT HISTORY

- **1958** – Responsibilities for O&M for the completed project works under the Prior O&M Manual were officially transferred to the Board
- **3/2007 and 1/2008** – Board held public hearings for Permit Nos. 18159-1 and 18159-2, respectively (approved sending 408 request letters and conditionally approved permits)
- **4/2007** – Board issued Permit No. 18159-1 (Phases 1 and 1B)
- **6/2008** – DWR and SAFCA executed EIP Funding Agreement
- **6/2009** – Board issued Permit No. 18159-2 (Phases 2 and 2B)
- **2/2010** – Board and SAFCA executed Operation, Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R) Agreement
- **9/2010** – SAFCA submitted Revised O&M Manual and other docs to Board and USACE
- **April 18, 2014** – USACE accepted the project and transferred O&M to Board
- **March 20 and May 20, 2014** – Board staff notified DWR and USACE Sacramento District that it had accepted Permit Nos. 18159-1 and 18159-2
 - determined: compliant with Title 23, meets all Board and USACE conditions, and conforms to Supplement to the Local Project Cooperation Agreement (Feb 2010)

FUTURE WORK



Future Work to be Completed:

- **Five sections of the NCCSL** where remaining construction will be completed by USACE as authorized by Water Resources Reform and Development Act of 2014 (**2014 WRRDA**)
 - will complete the designed improvements to the NCCSL at three pump stations (Bennett, Pumping Plant No. 4, and Northern), the State Route 99 closure structure, and the east end tie-in to the Pleasant Grove Creek Canal near Howsley Road.
- DWR real estate and Chief Counsel's Office staff are **finalizing six real estate transfers** to the Sacramento-San Joaquin Drainage District.
 - transfer of project operations and maintenance responsibilities to RD 1000 is not dependent upon completion of the real estate transfers

ENGINEER'S CERTIFICATION



Certification by CA licensed professional engineers for all four phases of work:

Phase 1 Certification - June 16, 2011

Category of Work	Registered Professional Engineer	Company
Civil Design of Levee Improvements	Jonathan L. Kors, Civil	Wood Rodgers, Inc.
Geotechnical Design of Levee Improvements	Mark H. Stanley, Geotechnical	Kleinfelder, Inc.
Hydraulic Analyses in Support of Design	Michael C. Archer, Civil	MBK Engineers, Inc.
Construction Management	Mark S. Martin, Civil	PB Americas, Inc.
	Stephan R. Sullivan	Mead & Hunt

Phase 1B Certification - June 22, 2011

Category of Work	Registered Professional Engineer	Company
Civil Design of Levee Improvements	Jonathan L. Kors, Civil	Wood Rodgers, Inc.
Geotechnical Design of Levee Improvements	Mark H. Stanley, Geotechnical	Kleinfelder, Inc.
Hydraulic Analyses in Support of Design	Michael C. Archer, Civil	MBK Engineers, Inc.
Construction Management	Mark S. Martin, Civil	PB Americas, Inc.

Phase 2, 2B Certification - March 31, 2014

Category of Work	Registered Professional Engineer	Company
Civil Design of Levee Improvements	Jonathan L. Kors, Civil	Wood Rodgers, Inc.
Private Irrigation and Borrow Sites	Stephan R. Sullivan	Mead & Hunt
Geotechnical Design of Levee Improvements	Christopher R. Nardi, Geotechnical	Kleinfelder, Inc.
Hydraulic Analyses in Support of Design	Michael C. Archer, Civil	MBK Engineers, Inc.
Construction Management	Mark S. Martin, Civil	Parsons Brinckerhoff

CEQA ANALYSIS



- The action before the Board described in the Staff Report consists solely of the transfer of operations and maintenance responsibilities and corresponding documents for the completed project to RD 1000.
- This action **constitutes a ministerial approval statutorily exempt from CEQA** under CEQA Guidelines section 15268.

STAFF CONCLUSIONS



Board staff concludes that the NCCSL (Phases 1, 1B, 2, and 2B):

- were constructed in accordance with the final plans and specifications,
- met all permit conditions from both the Board and USACE,
- is compliant with Title 23,
- was properly certified by California licensed professional engineers, and
- was properly transferred by the USACE to the Board and all necessary review and determinations have been made to transfer O&M responsibilities to RD 1000 as the local maintaining agency.

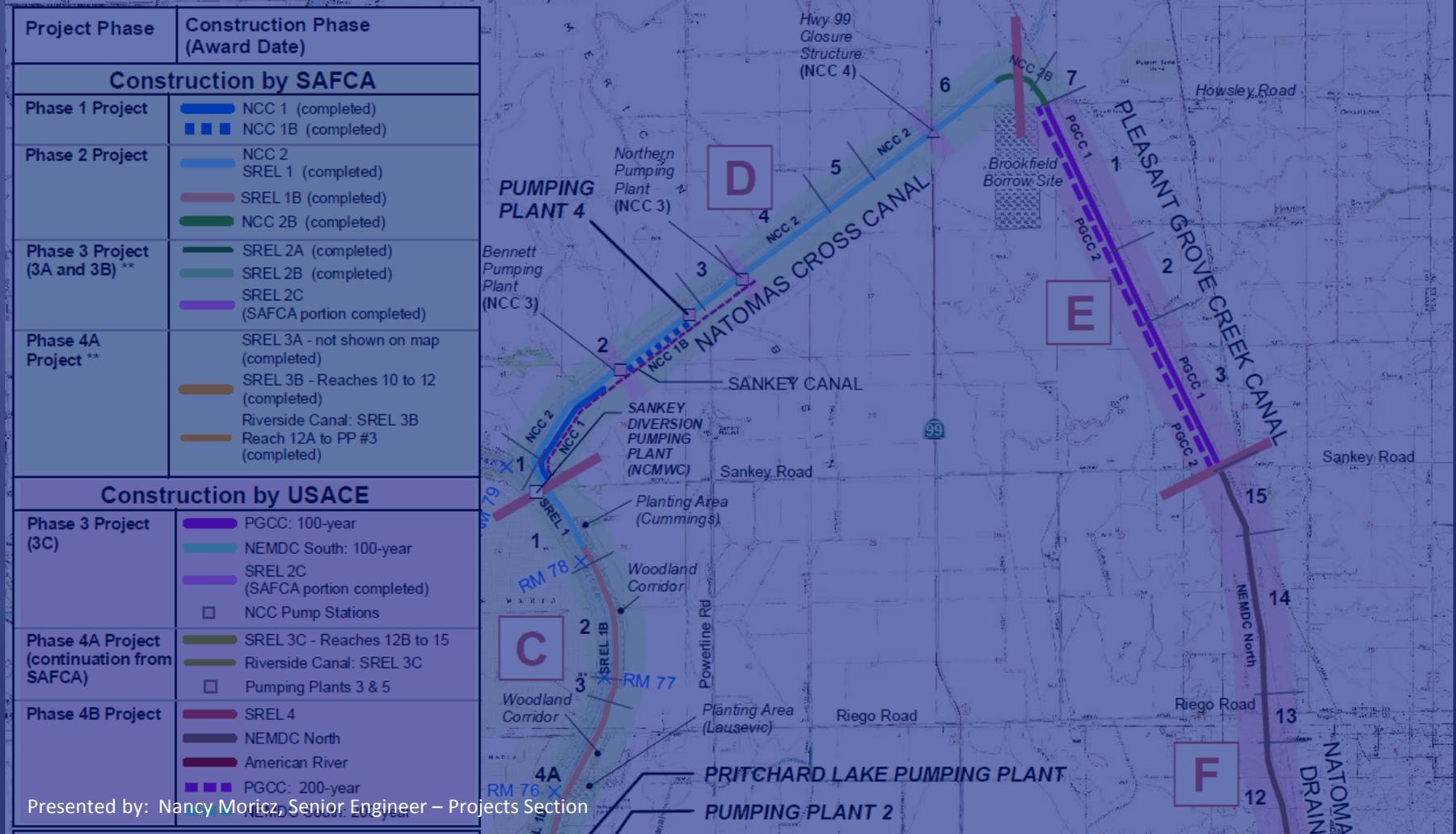
STAFF RECOMMENDATION



Board Staff is Recommending that the Board adopt Resolution 2014-22, which:

- **approves** the Revised O&M Manual and as-built drawings, as transmitted and accepted by the USACE;
- **accepts** responsibilities to operate and maintain the NCCSL, a portion of the SRFCP, as described in the Revised O&M Manual;
- **transfers** those same responsibilities accepted above (along with copies of the Revised O&M Manual and as-built drawings) to RD 1000 through approval of the draft Board Transfer Letter;
- **determines** that the transfers from the Board to RD 1000 are ministerial approvals and statutorily exempt from CEQA; and
- **directs** the Board's Executive Officer to:
 - **execute** the Board's Operations and Maintenance Transfer Letter to RD 1000 in substantially the form provided, and
 - **file** a Notice of Exemption with the State Clearinghouse.

QUESTIONS



Presented by: Nancy Moricz, Senior Engineer – Projects Section