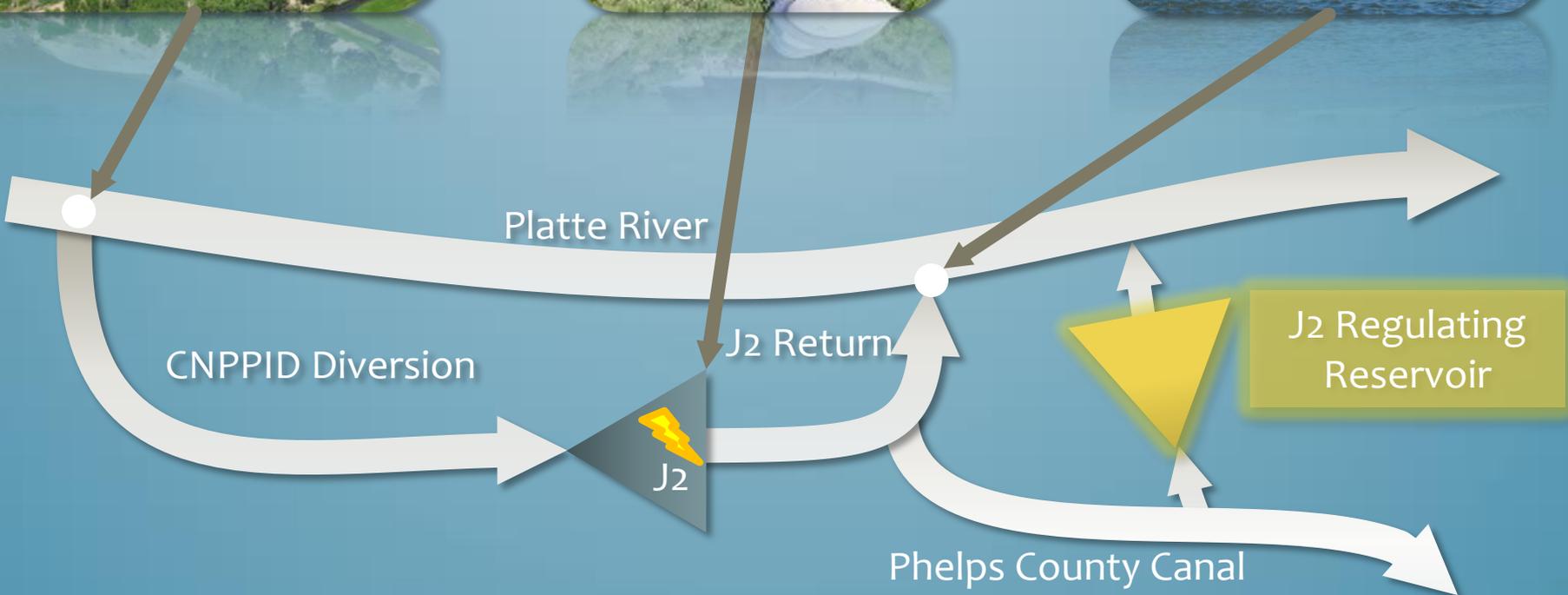


J2 Regulating Reservoir Project



J2 REGULATING RESERVOIR CONCEPT



J2 Reservoir Purpose

- Regulate J2 Hydro Releases
- Beneficially manage reservoir releases for the project participants (re-timed water)

Participants

- Platte River Recovery Implementation Program
- Nebraska Department of Natural Resources
 - Twin Platte NRD
 - Tri-Basin NRD
 - Central Platte NRD
- Central Nebraska Public Power and Irrigation District



Project Benefits

- Platte River Program
 - Reduction to target flow shortages (30,000 a-f/yr)
 - Short Duration High Flow (SDHF) events
- NDNR
 - Offset for post-1997 depletions to stream flows (10,000 a-f/yr)
- CNPPID
 - Increased generation efficiency
 - Smooth river fluctuations
 - Recreational benefits at Johnson Lake (higher, more stable lake levels during spring/summer)

Important Project Points

- Project will not create “NEW” water
- Project will not affect Supply Canal diversions
- Project will not affect irrigation deliveries
- Minor changes to Supply Canal operations
 - J2 Hydro timing
 - Johnson Lake operations
- No planned recreational benefits

Location

- Northwest Phelps County
- Downstream of J2 Hydropower Plant
- Between the Phelps Canal and Platte River



© geology.com
 US Highways
 Interstate Highways
 0 50 KM 50 Miles

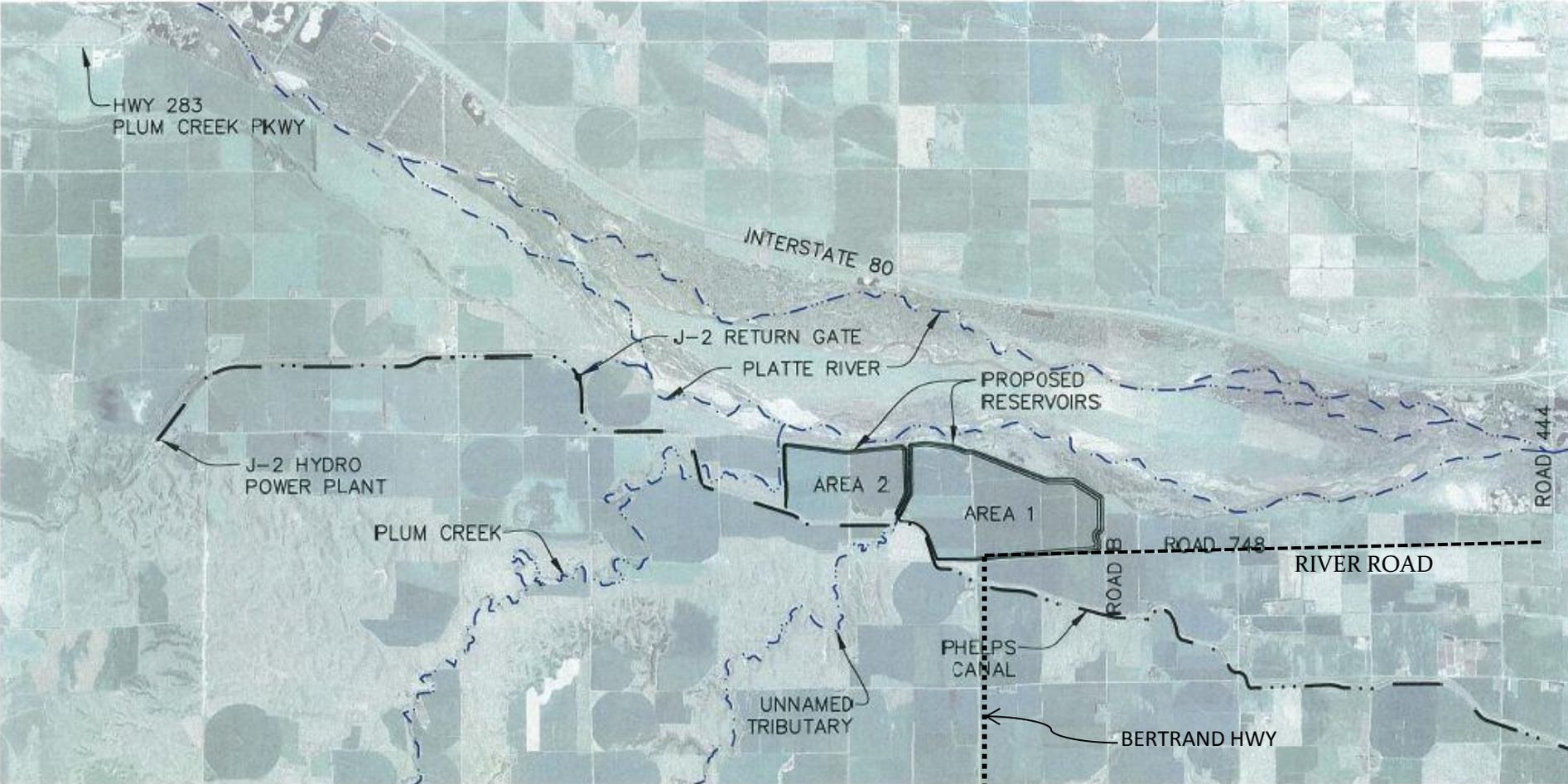


0 1 2 3 4
 APPROX SCALE (MILES)

THIS DRAWING MUST BE REPRODUCED IN COLOR.

DRAFT

	J-2 REGULATING RESERVOIR PROJECT GOPSER AND PHELPS COUNTIES, NEBRASKA	SITE VICINITY MAP	
	PROJECT NO. 12116	February 2013	Figure 2.1



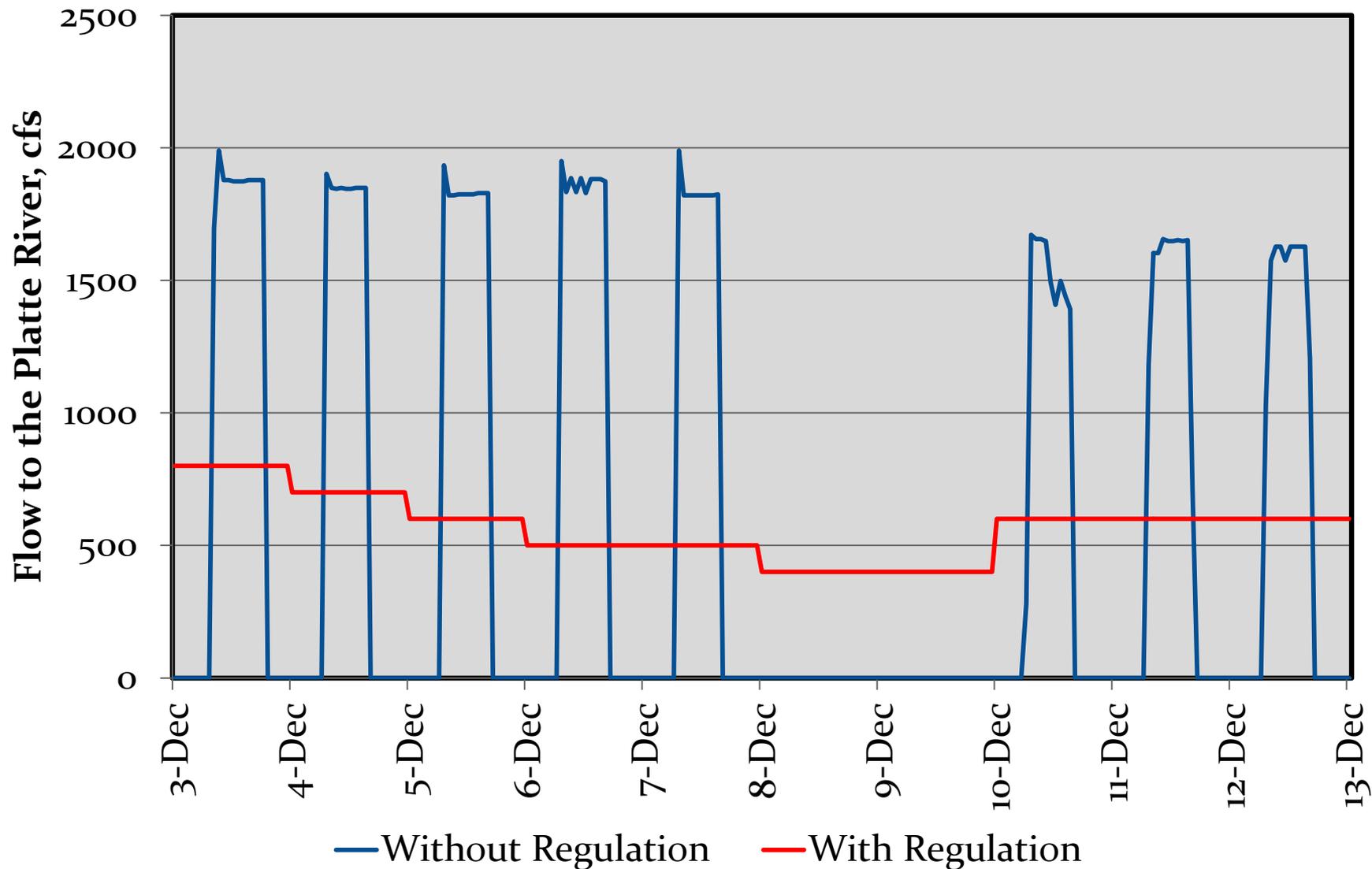
Preliminary Design

- 2 cells
- 1,000 land acres
- 15,000 acre feet capacity
- Clay liner and drains
- Soil cement slope protection
- Inlets on Phelps Canal
- Outlets to Platte River

Operations

- CNPPID will be owner/operator
- Route water to reservoirs through Phelps Canal
- Regulate J2 Hydro releases
 - Retime excess flows
 - River fluctuations
 - Irrigation demand

J2 Return Flow to the Platte River Current and Future Operations



Funding

- \$75 million estimated cost
 - CNPPID pays 5%, up to \$2.5 million
 - Remainder is split
 - PRRIP 75%
 - NDNR 25%

Schedule

- Completed work
 - Many years of study and investigations
 - 2+ years of feasibility-level design work
 - Operating agreement signed in July 2013
- Moving forward
 - 2-3 years of design and permitting
 - 2 years of construction starting in 2015-2016

Questions?

