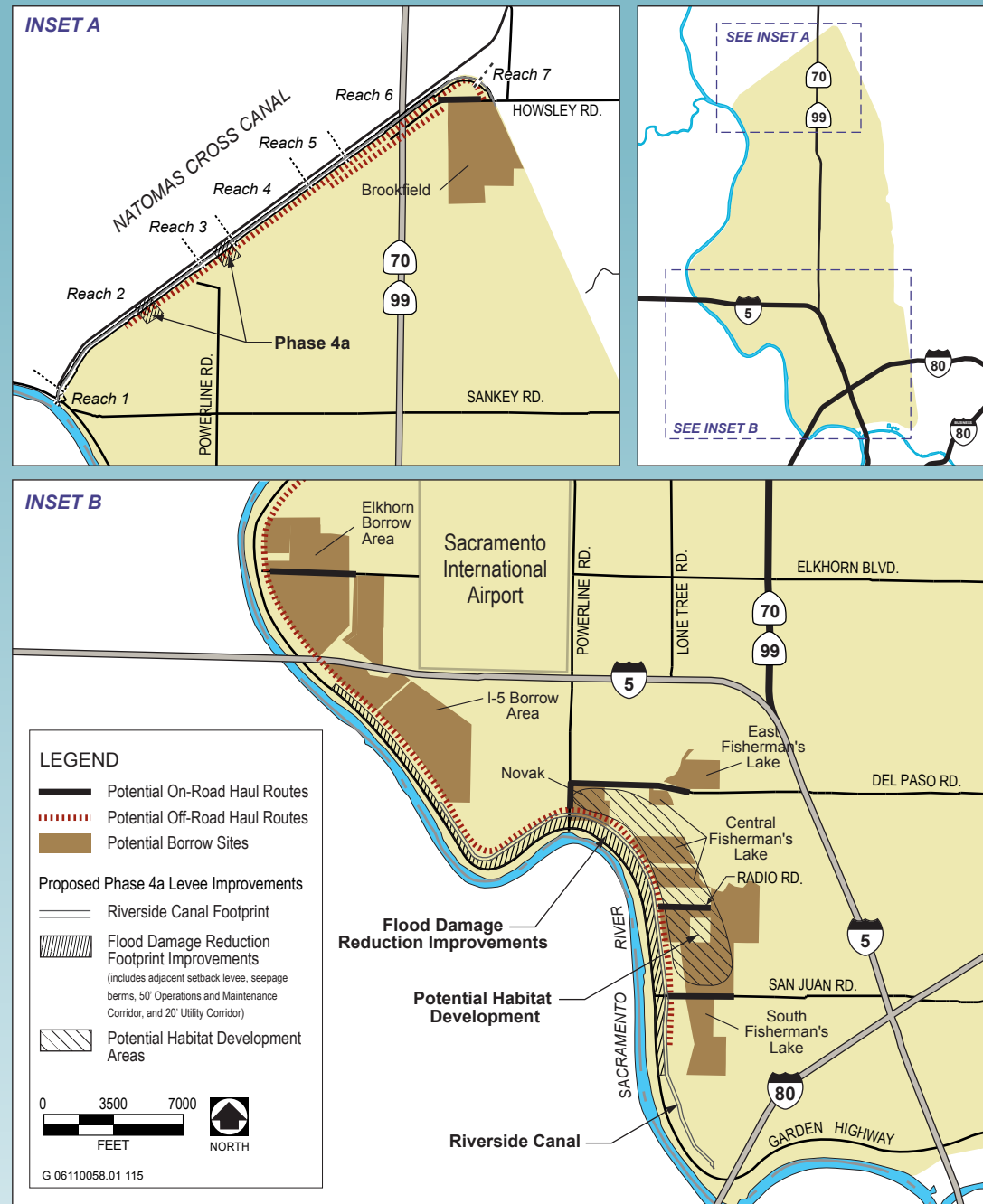


Station 4 – Project Description

Phase 4a Construction Areas



Source: CaSill, MBK Engineers 2008, HDR, Inc. 2008, Sacramento Area Council of Governments 2006; Adapted by EDAAW 2009

Summary of the NLIP Phase 4a Project Elements

FLOOD RISK REDUCTION COMPONENTS

- ▶ Sacramento River east levee – raising and/or widening; seepage remediation
- ▶ Natomas Cross Canal south levee – raising and cutoff wall installation in two locations

IRRIGATION AND DRAINAGE COMPONENTS

- ▶ Riverside Canal relocation and extension with irrigation pipeline east of the new levee in Reaches 15-18B
- ▶ Modifications to Pumping Plants Nos. 3 and 5
- ▶ Modifications of Riverside Pumping Plant
- ▶ Modifications to Northern and Bennett Pump Stations

BORROW SITE EXCAVATION AND RECLAMATION

- ▶ Borrow material would be excavated from the Fisherman's Lake Area, I-5 Borrow Area, and Brookfield Borrow Site
- ▶ Borrow material may be excavated from Elkhorn Borrow Area and Airport North Bufferlands
- ▶ Current land uses include: orchard, field crops, and rice cultivation
- ▶ Parcels would be returned to agricultural purposes, or converted to grasslands or managed marsh

HABITAT CONSERVATION IMPROVEMENTS

- ▶ Habitat impact avoidance measures
- ▶ Habitat creation
 - Woodland
 - Marsh
 - Managed grassland
 - Agricultural uplands
- ▶ Habitat consolidation and connectivity
- ▶ Long-term management