NLIP Construction Phasing and Anticipated Haul Routes from Soil Borrow Areas

Source: Base map from CASIL Layers and SACOG 2007; adapted by EDAW in 2008 based on data from MBK Engineers

NLIP Phase 3 Landside Improvements Project
USACE and SAFCA

Plate 10
Typical Levee Raise, Flattening of Landside Levee Slope, and Seepage Cutoff Wall
Source: SAFCA 2007b

Typical Seepage Berm

Sacramento River East Levee

EXISTING SHALLOW SLURRY WALL
(Downstream of Powerline Road)

RAISED LEVEE

EXISTING LEVEE
(Upstream of Powerline Road)

STABILITY BERM DRAIN
(Gravel, sometimes includes collector pipe)

SEEPAGE BERM

CLAY-LOAM SOIL

LEVEE FOUNDATION

INTERMIXED
SAND AND GRAVELS

SOIL/Cobble Fill

Rock Fill

Rock Toe

ERODED BANK

Bank Protection

River
SACOG Preferred Blueprint Scenario Map

Source: SACOG 2004

SACOG Phase 3 Landside Improvements Project
USACE and SAFCA
Alternative Methods for Increasing Levee Height

Source: Adapted by EDAW in 2008 based on data from HDR
Source: Adapted by EDAW in 2007 based on data from Mead & Hunt

**Typical Cross Section of the New GGS/Drainage Canal From Walnut Road to Southeast Corner of Teal Bend Golf Course**  
Plate 16a

Source: Adapted by EDAW in 2007 based on data by Mead & Hunt

**Typical Cross Section of the New GGS/Drainage Canal South of Teal Bend Course to West Drainage Canal**  
Plate 16b
Overview of Proposed Project Features

Source: Aerial image SACOG 2007, adapted by EDAW in 2008 based on data from HDR, Mead & Hunt, and Wood Rogers

Plate 17a
Overview of Proposed Project Features

Source: Aerial image SACOG 2007; adapted by EDAW in 2008 based on data from HDR, Mead & Hunt, and Wood Rogers