Proposed Phase 4b Project Features – Natomas East Main Drainage Canal (NEMDC) South

Source: Adapted by EDAW 2009

Plate 2-14
West Levee Layout – In-Place Levee Strengthening

West Levee Layout – Adjacent Levee
Source: NCC Footprint – Wood Rodgers October 2009; Bridge Footprint – Wood Rodgers September 2009

LEGEND
Proposed Phase 4b Project Improvements
Limits of Construction
- Relocated Vestal Drain
- Relocated Morrison Irrigation Canal
- SR 99/70 NCC Bridge Remediation Limits of Construction

Source: NCC Footprint – Wood Rodgers October 2009; Bridge Footprint – Wood Rodgers September 2009

Proposed Phase 4b Project Features – Natomas Cross Canal (NCC)
Typical Cross Section – West Drainage Canal Realignment

Typical Cross Section – West Drainage Canal Improvements
Potential Woodland Planting Area – Lower Dry Creek

Source: AECOM 2009

Common Features/Natomas PAC/Phase 4b Project
USACE and SAFCA

Plate 2-19
**Bike Trail Concepts**

Typical Cross Section of Bike Path on Toe of the Levee

Typical Cross Section of Bike Path on Top of the Levee

Source: Basemap: CaSil; EDAW 2006
Land Ownership in the Proposed Phase 4b Project Footprint

Source: Adapted by EDAW 2009

Plate 2-22c
Land Ownership in the Proposed Phase 4b Project Footprint

Source: Adapted by EDAW 2009
Land Ownership in the Proposed Phase 4b Project Footprint

Source: Adapted by EDAW 2009

Plate 2-22e
Fix-in-Place Levee Section – Reaches 16 (partial) – 3:1 Slope Flattening, 300' Seepage Berm, Cutoff Wall

Fix-in-Place Levee Section – Reaches 16 (partial), 17, 18A – 3:1 Slope Flattening, 100' Seepage Berm, Cutoff Wall

Source: HDR 2009
Fix-in-Place Levee Section – Reaches 18B, 19A (partial) – 3:1 Slope with 300' Seepage Berm, Cutoff Wall, and Relief Wells

Fix-in-Place Levee Section – Reaches 19A (partial), 19B (partial) – 3:1 Slope Flattening with Seepage Berm, Cutoff Wall, and Relief Wells

Source: HDR 2009
Fix-in-Place Levee Section – Reaches 19B (partial) – 3:1 to 2.5:1 Slope Flattening with Cutoff Wall and Relief Wells

Cross-Sections – Fix-in-Place Levee Alternative

Source: HDR 2009

Common Features/Natomas PAC/Phase 4b Project
USACE and SAFCA

Plate 2-23c
Common Features/Natomas PAC/Phase 4b Project
USACE and SAFCA

Fix-in-Place Levee Section – Reaches 19B (partial) – 3:1 to 2.5:1 Slope Flattening with Cutoff Wall and Relief Wells

Fix-in-Place Levee Section – Reaches 19B (partial), 20 – 3:1 to 2.5:1 Slope Flattening with Cutoff Wall and Relief Wells

Source: HDR 2009