TIME OF INUNDATION FEMA Zone Ehrheardt LEGEND Club (RD HYPOTHETICAL Levee Failure RD 755 813) to Div Sacramento River... Levee Breach Ston crown 28.5' width Hypothetical Levee Lake 800' TIME TO 1^{FT} INUNDATION Failure Location toe 12.5' Arrows Indicate Breach Extents 0 hrs Randal AE 16' YOLO Island (RD - 1 hr COUNT **Effective FEMA Base** 755) 160 COURTL 18' - 2 hrs Flood Elevation (feet) (Date 2/16/2012) - 3 hrs 4 hrs LEVEES 5 hrs 6 hrs Project - 7 hrs Non-Project 8 hrs FEMA Zone AE 19' - 9 hrs Pearson **CRITICAL INFRASTRUCTURE** 5 - 10 hrs District Bridge Over Waterway F Fire Station - 15 hrs (RD 551) P Police Station 20 hrs School DAY 1 - 25 hrs SOLANO COUNTY NOTES 1. The hypothetical levee failure is arbitrary. The time to one-foot of inundation is approximate. Similar results would occur within FEMA Zone AE **16'** the vicinity of the levee failure shown on the map. FEMA Zone AE 18' SACRAMENTO 2. Elevations are provided in NAVD88 datum. 3. The levee failure opening width was an approximation based on the difference between the maximum water surface elevation and the landside toe times 50. COUNTY FEMA Zone AE 16' Glanville Grand (RD 1002) Sutter Island Island (RD 3) RD 2022 (RD 349) 18'-To Sacramento To Galt Hypothetical Levee Failure Location Rd Cities Twin E13 FEMA Zone To Rio Meadows PD 2111 Vista RD 556 **McCormack-Williamson** D 563 Libby Tract (RD 2110) **McNeil** FEMA Zone (RD 369) To Stockton AE 17' RD 1601 SA FEMA Zone AE 17' ØAQUI OUNT 1" = 4000 ft Delta Flood Emergency Safety Plan ESTIMATED TIME OF INUNDATION FOR A HYPOTHETICAL 1:48,000 Consultants LEVEE FAILURE LOCATED AT SACRAMENTO RIVER 1,000 2,000 METERS 500 Sacramento County, California Ν GEL 2 MILES 0.5 $\mathbf{O}\mathbf{r}$ 0 RD 755 May 2017 Figure D1B



