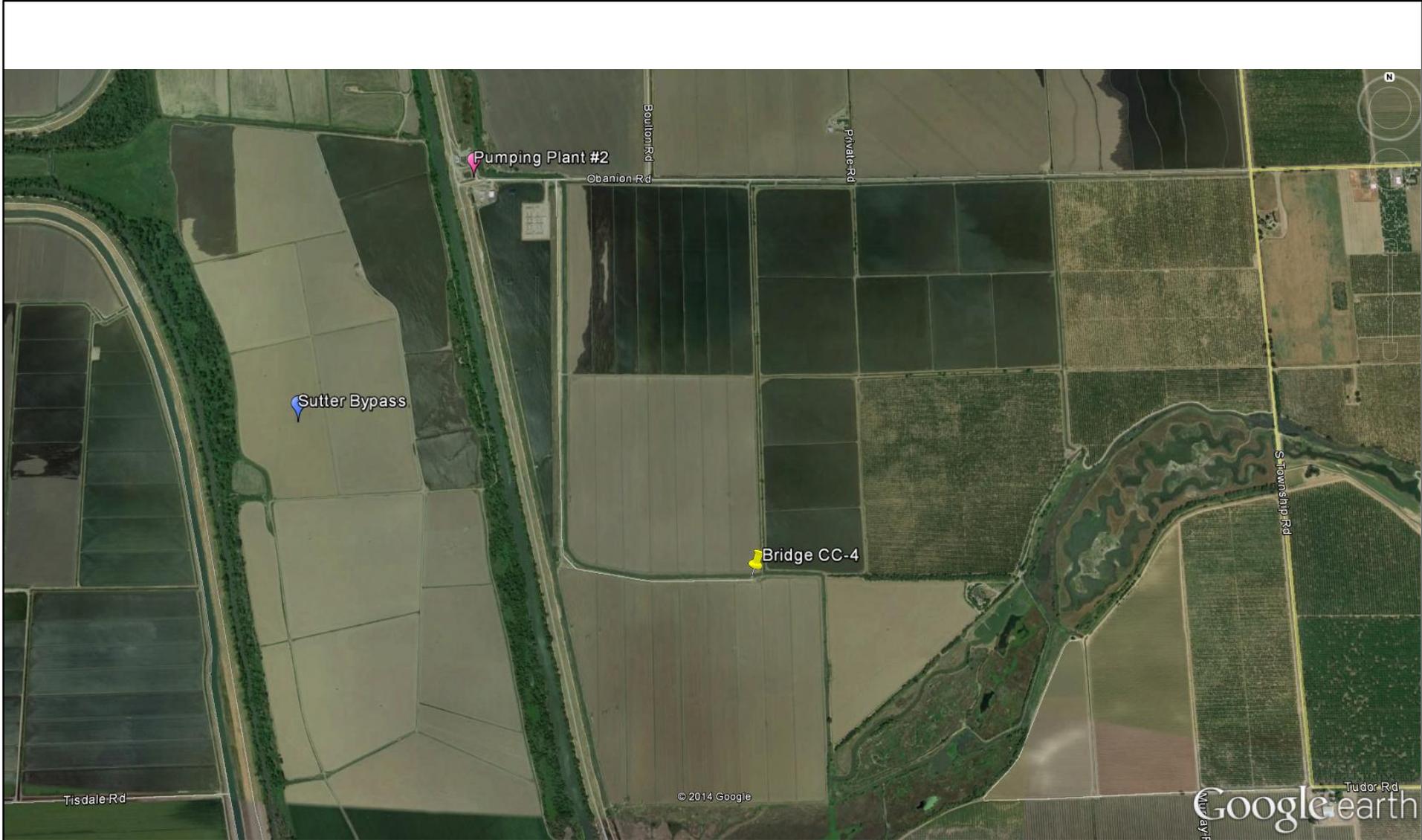


# **APPENDIX C**

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## Bridge CC-4 Maintenance Activities



Division of Flood  
Management  
Flood Maintenance Office



NOT TO SCALE

Source: Department of Water Resources, 2016

Figure C-1  
Bridge CC-4 Vicinity Map



Bridge CC-4 - view looking south

Bridge CC-4 is located along the State Drain approximately 1 mile south of Obanion Road and 0.5 mile east of the Sutter Bypass in Sutter County.



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Source: David Ford Consulting Engineers, Inc. April, 2010

Figure C-2  
Bridge CC-4 View Looking South A



Old Deck  
Running Boards  
(replaced in  
2013)

Erosion Typ.  
Four corners

Bridge CC-4 - view looking south

Bridge CC-4 is located along the State Drain approximately 1 mile south of Obanion Road and 0.5 mile east of the Sutter Bypass in Sutter County.



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NOT TO SCALE

Figure C-3  
Bridge CC-4 View Looking South B

Source: David Ford Consulting Engineers, Inc. April 2010



Bridge CC-4 - view looking north

Bridge CC-4 is located along the State Drain approximately 1 mile south of Obanion Road and 0.5 mile east of the Sutter Bypass in Sutter County.



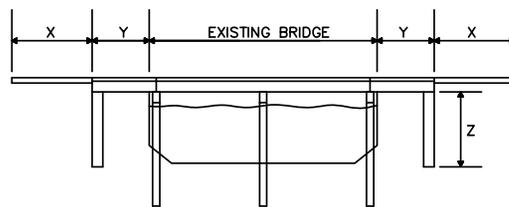
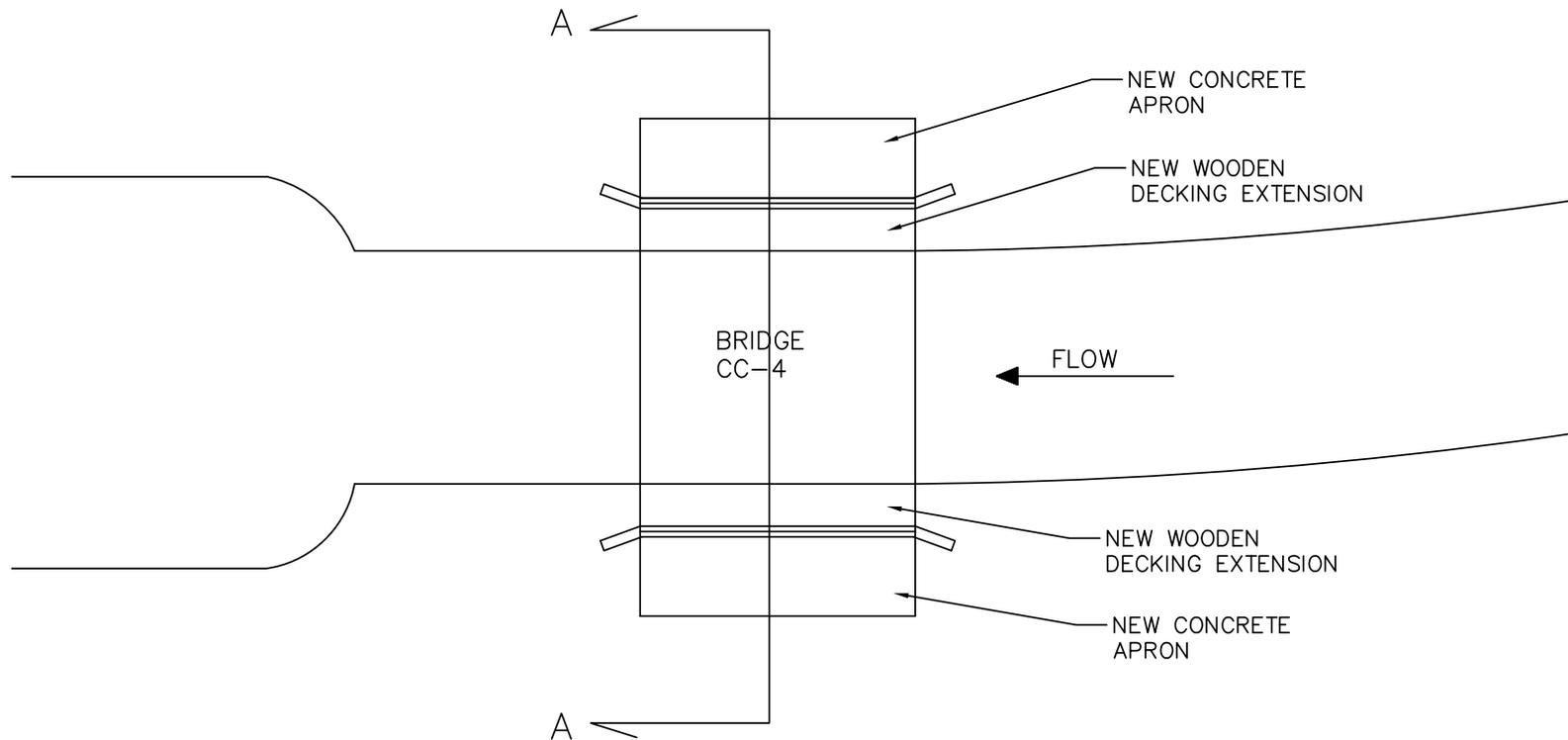
Division of Flood Management  
Flood Maintenance Office



NOT TO SCALE

Source: David Ford Consulting Engineers, Inc. April 2010

Figure C-4  
Bridge CC-4 View Looking North



SECTION A-A

- X = CONCRETE APRON 8 FT X 26 FT
- Y = WOODEN DECK EXTENTION 4 FT X 26 FT
- Z = CONCRETE FOOTING 1 FT WIDE X 8 FT DEEP X 28 FT LONG



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NOT TO SCALE

Source: Department of Water Resources, 2016

Figure C-5  
Bridge CC-4 Proposed Repair

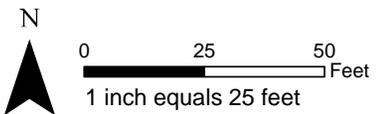


Collecting Canal

-  Ground Disturbance (0.044 acre)
-  Staging Area (0.26 acre)

**Project Impact Estimates**

**Bank Impact (Revetment):** 110 linear feet, 0.04 acre  
 (0.02 ac. above OHWM; 0.02 ac. below OHWM)  
**Footings/Apron:** 21 CY, 0.004 acre  
**Staging Area:** 0.26 acre  
**Bank Revetment:** 120 CY Total 18" minus rock  
 (60 CY above OHWM, 60 CY below OHWM)



Source DWR 2015; NAIP2014  
 Sutter County, California  
 Lat: 38.952232 N Long: 121.634776 W



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 Flood Maintenance Office



Figure C-6  
 Bridge CC-4 Impact Estimates

Source: Department of Water Resources, 2016