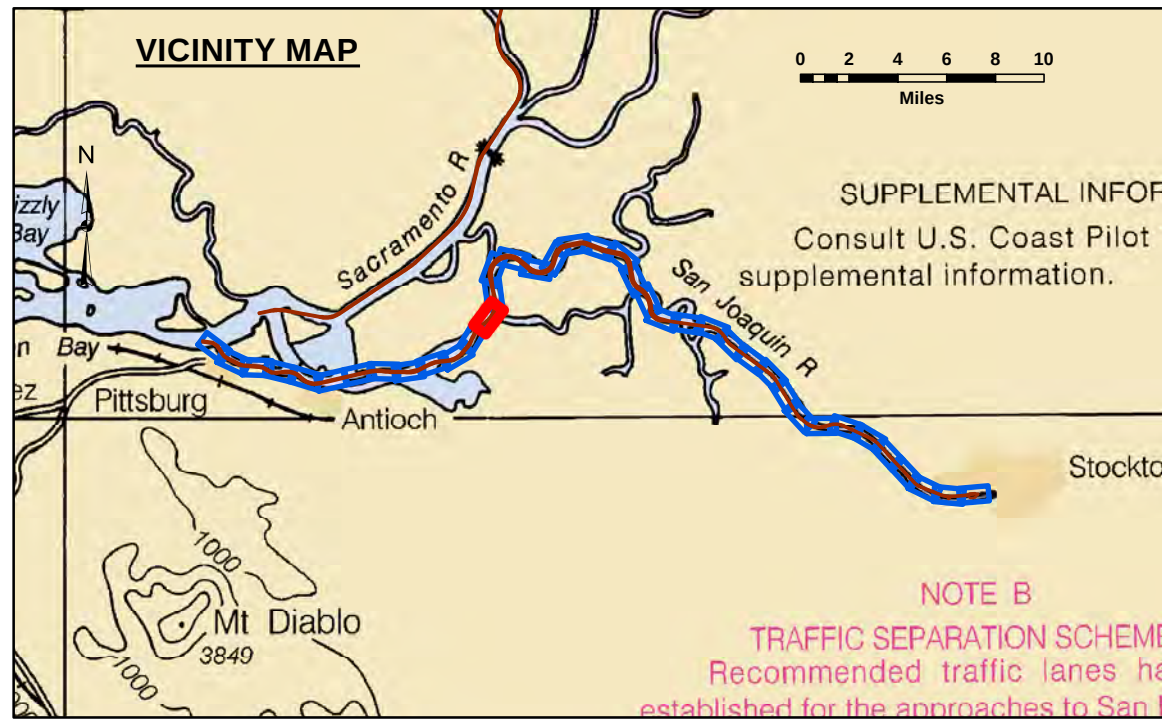
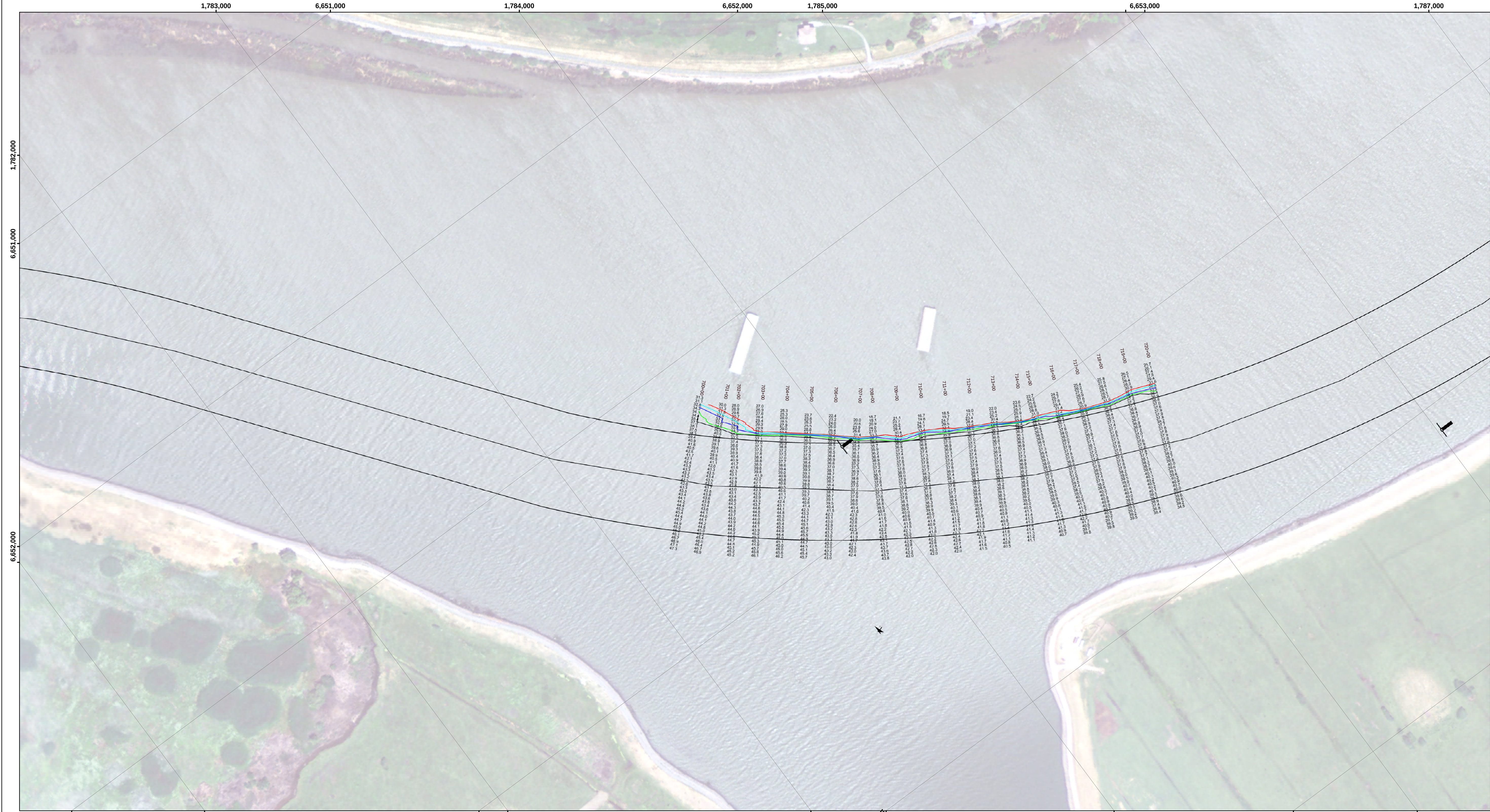




--- Federal Navigation Channel

— Federal Navigation Center Line

..... Cable Submarine

- - - Cable Overhead

— Contour Line

Cable Area

Placement Area

Anchorage Area

Obstruction Point

Wrecks-Submerged

Shoaling Area

Shoalest Sounding**

Beacon, General

Red Navigation Buoy

Green Navigation Buoy

Contours

— -35

— -34

— -33

— -32

— -31

NOTES:
DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY.
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SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II, CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -35'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: ANTIOCH
NOAA STATION: 941 5064
BENCHMARK: 5064-F (No PID)
TIDE GAUGE:
Nail @ 10.15 FT MLLW
LAT: 38 01 6.9393 N
LONG: 121 48 56.7074 W

LOCATION: PORT OF STOCKTON
NOAA STATION: 941 4867
BENCHMARK: 941 4867 TIDAL 2 (PID: HS0439)
TIDE GAUGE:
Nail @ 10.0 FT MLLW
LAT: 37 55 44.62 N
LONG: 121 19 40.74 W

OTHER SAN JOAQUIN RIVER GAUGES:
DAY MARKER 19 = 8.2 FT MLLW
DAY MARKER 27 = 9.0 FT MLLW
DAY MARKER 29 = 9.0 FT MLLW
PORT OF STOCKTON TG #2 (37.951 N, 121.334 W) = 10.0 FT MLLW

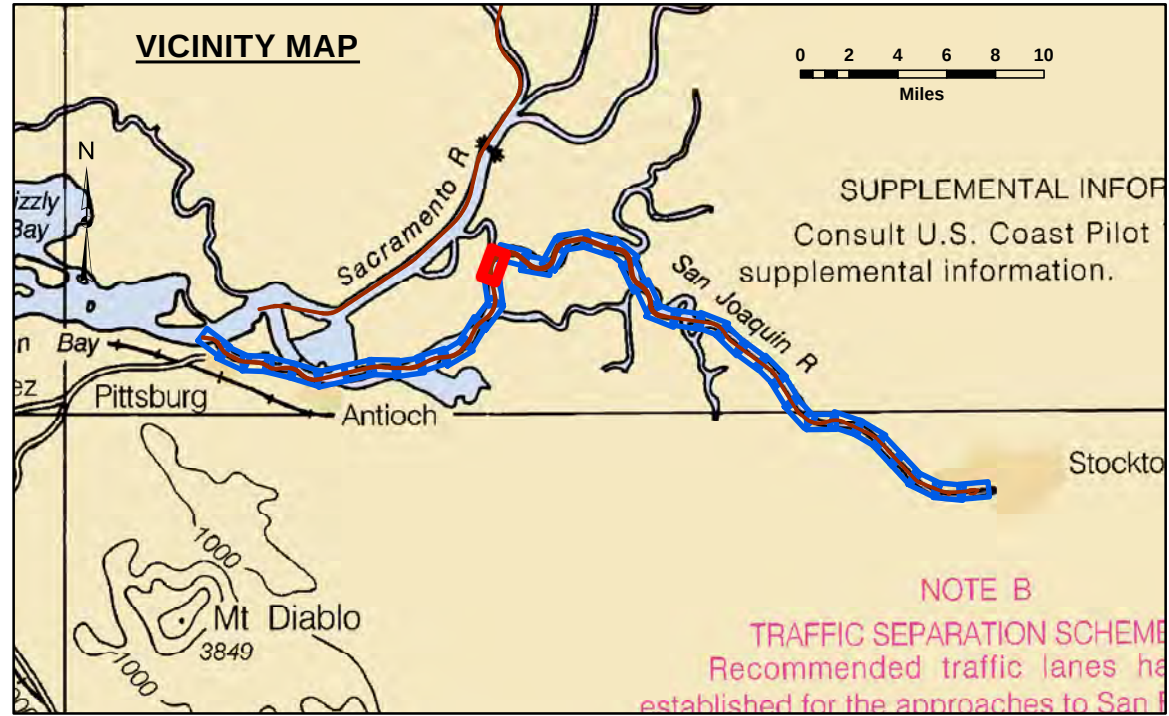
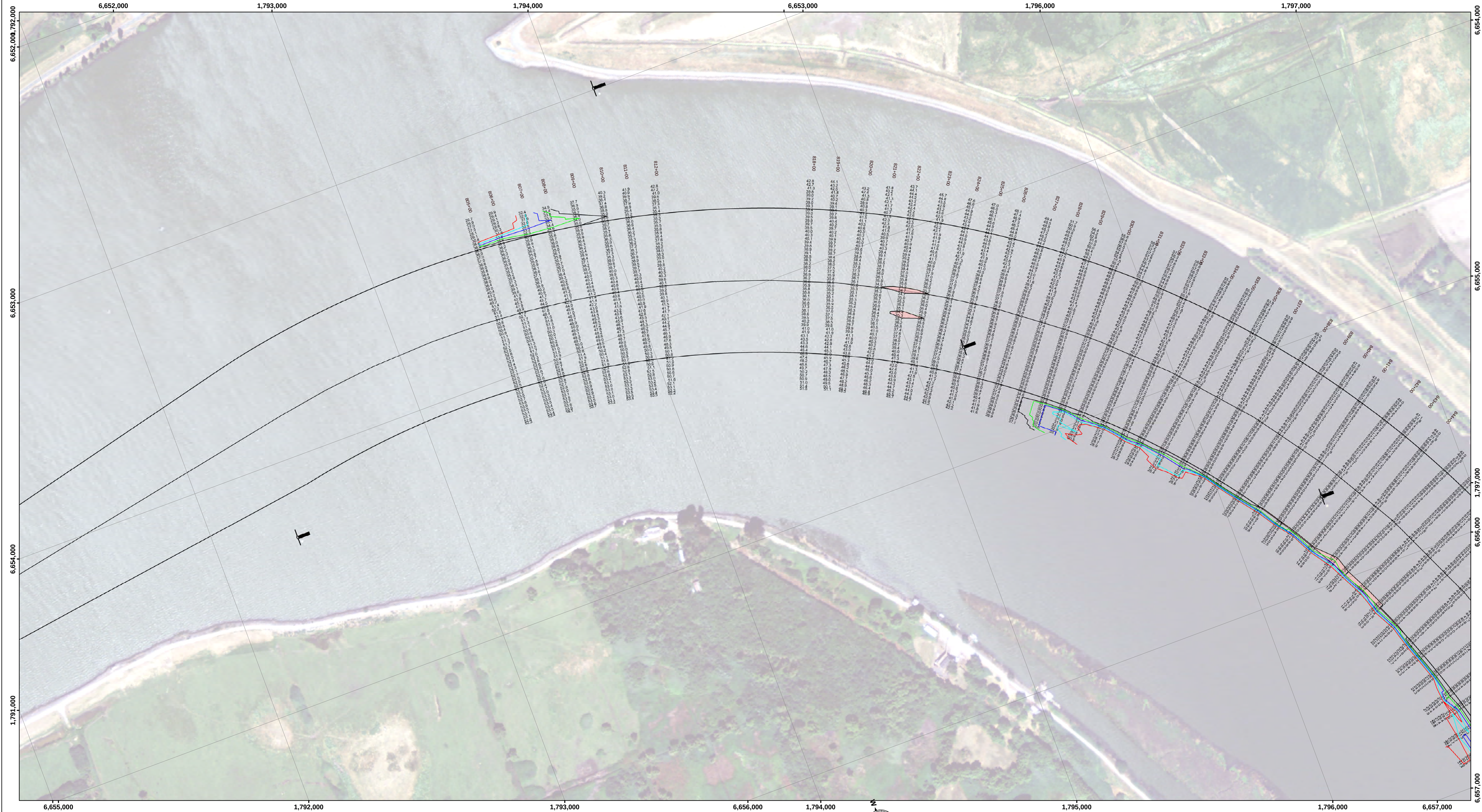
STK REACH 5 - 10/7/2016
STK REACH 6 - 11/17/2016
STK REACH 8 - 11/30/2016
STK REACH 10 - 12/7/2016
STK REACH 19 - 12/17/2016



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Prepared Under the Direction of JOHN C. MORROW LT. COLONEL, C.E., DISTRICT ENGINEER	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Plotted By:	Feb 03, 2017
Recommended: Chief Hydro Survey Section	Checked By:	Designed by:
Approved: Chief Construction Branch	PDT	Drawn by:
	PDT	PDT

CALIFORNIA
STOCKTON RIVER
POST-DREDGE SURVEY
7 OCTOBER, 17 & 30 NOVEMBER,
7 & 17 DECEMBER 2016



0 400 800 1,200

Feet

0 2 4 6 8 10

Miles

LEGEND

--- Federal Navigation Channel	Cable Area	Shoaling Area
— Federal Navigation Center Line	Placement Area	Shoalest Sounding**
..... Cable Submarine	Anchorage Area	Beacon, General
- - - Cable Overhead	Obstruction Point	Red Navigation Buoy
— Contour Line	Wrecks-Submerged	Green Navigation Buoy

Contours

-35
-34
-33
-32
-31

NOTES:
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PROJECT DEPTH: -35'

VERTICAL DATUM: MLLW

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CONTROLS:
LOCATION: ANTIOCH
NOAA STATION: 941 5064
BENCHMARK: 5064-F (No PID)
TIDE GAUGE:
Nail @ 10.15 FT MLLW
LAT: 38 01 6.993 N
LONG: 121 48 56.7074 W

LOCATION: PORT OF STOCKTON
NOAA STATION: 941 4867
BENCHMARK: 941 4867 TIDAL 2 (PID: HS0439)
TIDE GAUGE:
Nail @ 10.0 FT MLLW
LAT: 37 55 44.62 N
LONG: 121 19 40.74 W

OTHER SAN JOAQUIN RIVER GAUGES:
DAY MARKER 19 = 8.2 FT MLLW
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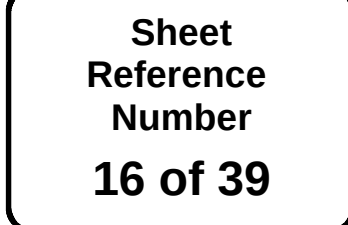
STK REACH 5 - 10/7/2016
STK REACH 6 - 11/17/2016
STK REACH 8 - 11/30/2016
STK REACH 10 - 12/7/2016
STK REACH 19 - 12/17/2016

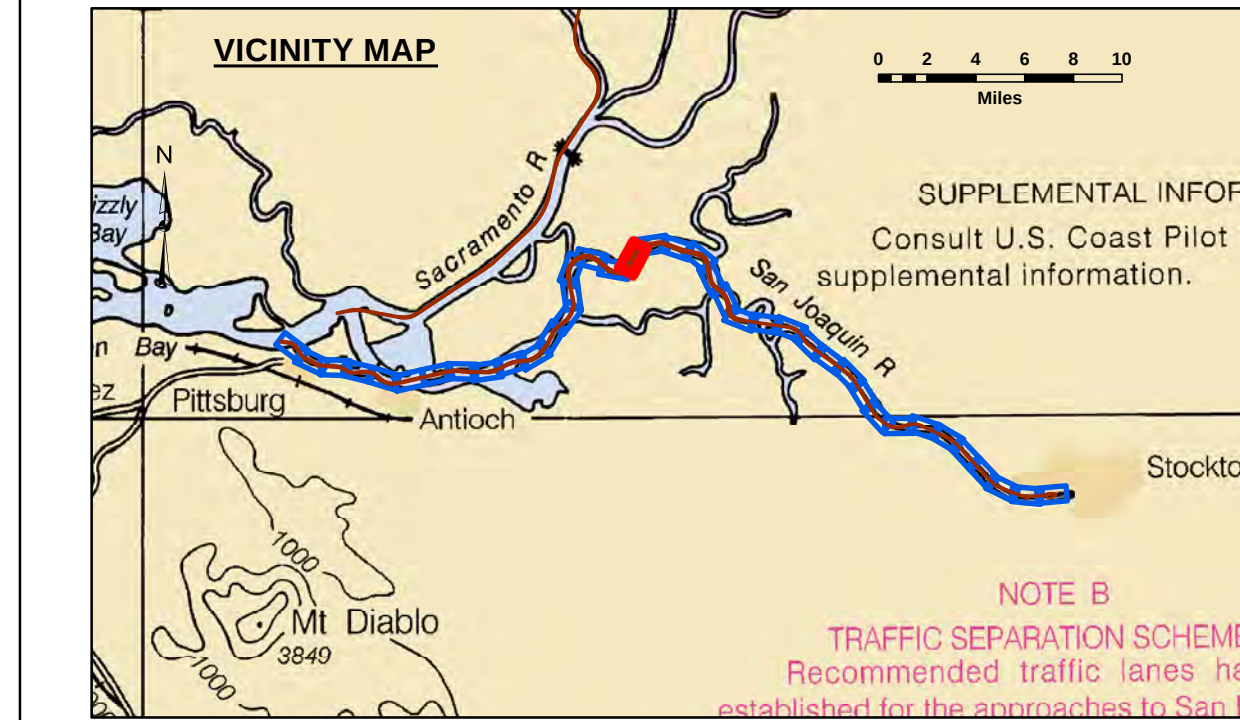


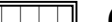
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PREPARED UNDER THE DIRECTION OF JOHN C. MORROW LT. COLONEL, C.E. DISTRICT ENGINEER	Chart Date: Feb 03, 2017
Submitted: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief Hydro Survey Section	Drawn by: PDT
Approved: Chief Construction Branch	PDT

CALIFORNIA
SAN JOAQUIN COUNTY
STOCKTON RIVER
POST-DREDGE SURVEY
7 OCTOBER, 17 & 30 NOVEMBER,
7 & 17 DECEMBER 2016





LEGEND			Contours
--- Federal Navigation Channel	 Cable Area	 Shoaling Area	 -35
— Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**	 -34
..... Cable Submarine	 Anchorage Area	 Beacon, General	 -33
- - - Cable Overhead	 Obstruction Point	 Red Navigation Buoy	 -32
— Contour Line	 Wrecks-Submerged	 Green Navigation Buoy	 -31

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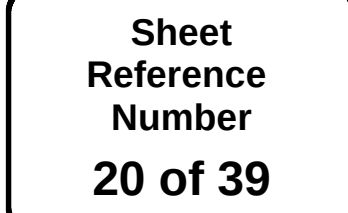
PREPARED UNDER THE DIRECTION OF JOHN C. MORROW LT. COLONEL, U.S. DISTRICT ENGINEER		Surveyed By:	Chart Date:
Submitted: _____ Recommended: _____ Approved: _____	Hyatt Survey Team Leader Chief, Hyatt Survey Section Chief, Construction Branch	Plotted By: _____ Checked By: _____	Feb 03, 2017 Designed by: _____ Drawn by: _____ PDT

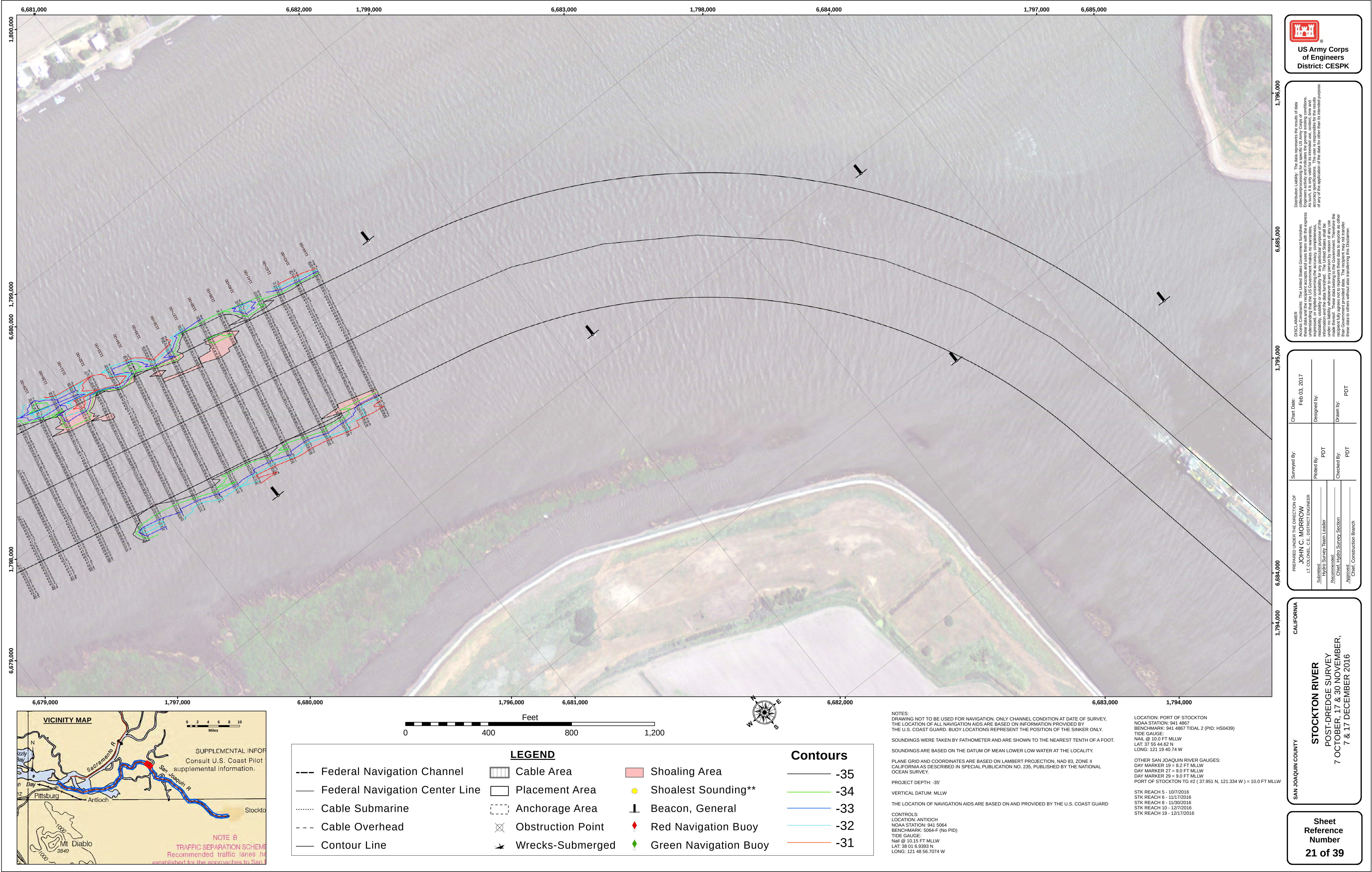
SAN JOAQUIN COUNTY

STOCKTON RIVER

POST-DREDGE SURVEY
7 OCTOBER, 17 & 30 NOVEMBER,
7 & 17 DECEMBER 2016

CALIFORNIA



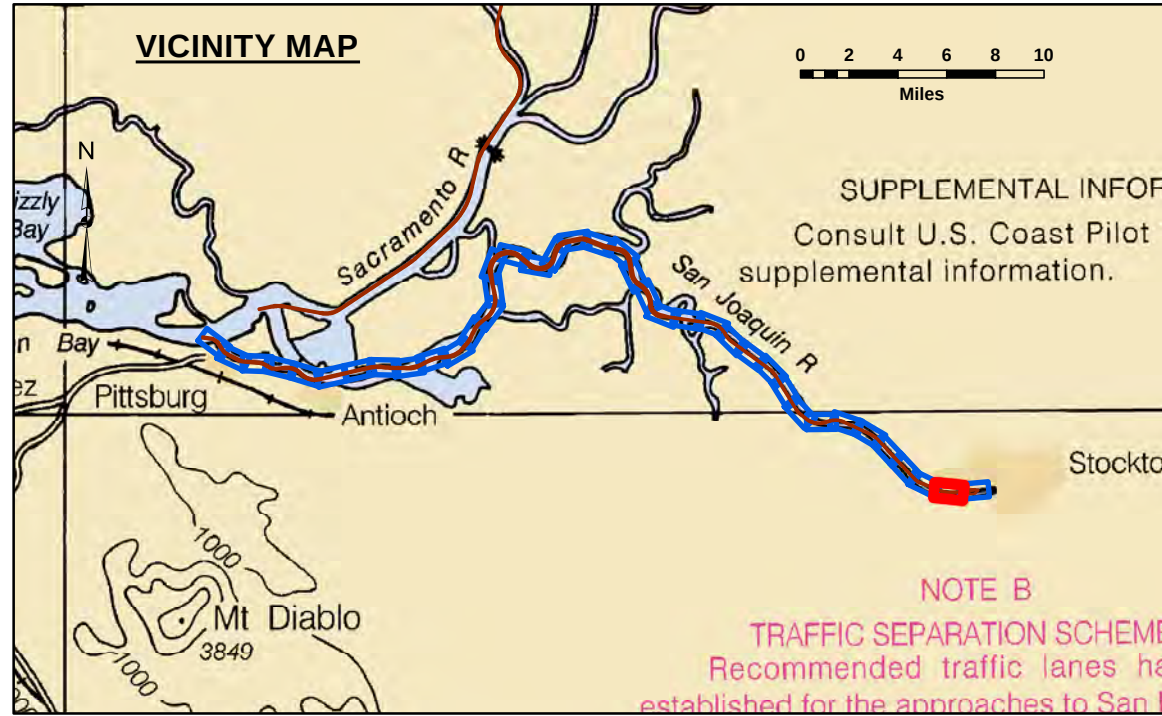
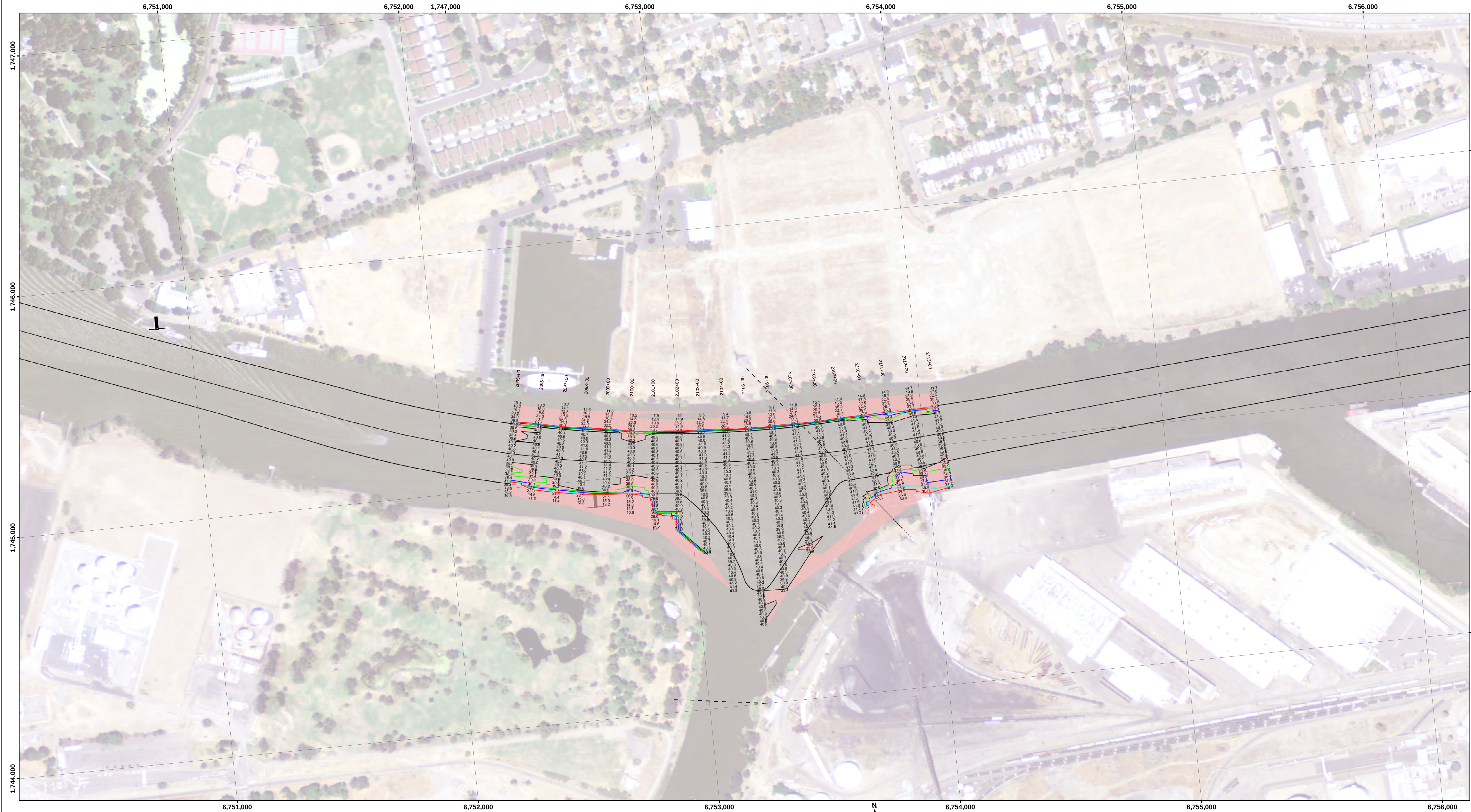


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Prepared Under the Direction of	Chart Date:
JOHN C. MORROW	Feb 03, 2017
LT. COLONEL, C.E. DISTRICT ENGINEER	
Submitted: Hydro Survey Team Leader	Surveyed By:
Recommended: Chief Hydro Survey Section	Plotted By: PDT
Approved: Chief Construction Branch	Checked By: PDT
	Drawn by: PDT

CALIFORNIA
SAN JOAQUIN COUNTY
STOCKTON RIVER
POST-DREDGE SURVEY
7 OCTOBER, 17 & 30 NOVEMBER,
7 & 17 DECEMBER 2016

Sheet
Reference
Number
21 of 39



--- Federal Navigation Channel

— Federal Navigation Center Line

..... Cable Submarine

- - - Cable Overhead

— Contour Line

Cable Area

Placement Area

Anchorage Area

Obstruction Point

Wrecks-Submerged

Shoaling Area

Shoalest Sounding**

Beacon, General

Red Navigation Buoy

Green Navigation Buoy

Contours

-40

-39

-38

-37

-36

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PROJECT DEPTH: -35'
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JOHN C. MORROW	Feb 03, 2017
LT. COLONEL, C.E. DISTRICT ENGINEER	
Submitted: Hydro Survey Team Leader	Designed by:
Recommended: Chief Hydro Survey Section	PDT
Approved: Chief Construction Branch	Drawn by:
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