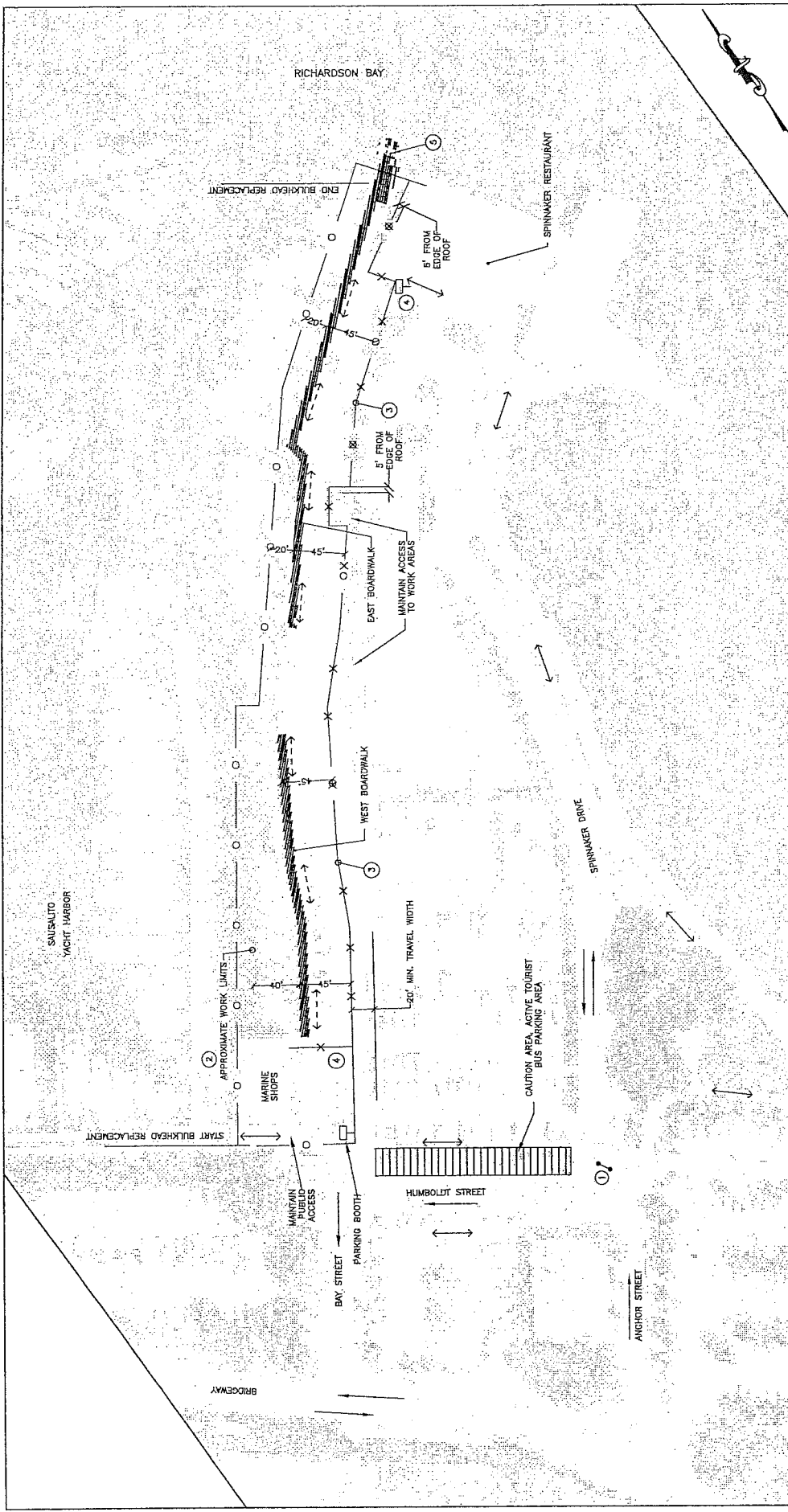


Attachment No. 5

Bulkhead Replacement Project Photo/Plan

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Item #: 6c  
Meeting Date:  
Page #: 6101



- LEGEND:**
- ① ONE WAY TRAFFIC
  - ② TWO WAY TRAFFIC
  - ③ (C) PUBLIC ACCESS
  - ④ (E) PUBLIC ACCESS DURING CONSTRUCTION
  - TEMPORARY ACCESS SIGNS
  - ⊗ TEMPORARY CONSTRUCTION FENCING
  - WORK LIMITS

④ THE CONTRACTOR SHALL INSTALL TWO TEMPORARY ACCESS SIGNS STATING  
 1) THE PROJECT NAME,  
 2) PUBLIC ACCESS TEMPORARILY CLOSED, PLEASE EXCUSE THE INCONVENIENCE OR SCHEDULE.  
 THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A DETAIL OR DESCRIPTION OF THE SIGN PROVIDING THE EXACT WORDING, THE DIMENSIONS OF THE SIGN, AND THE ANCHORAGE FOR THE SIGN.

⑤ CONTRACTOR SHALL PROVIDE PUBLIC ACCESS TO THE OVERLOOK PIER DURING CONSTRUCTION, EXCEPT WHEN HEAVY CONSTRUCTION EQUIPMENT IS IN USE IN THE AREA AND AT OTHER TIMES WHEN PUBLIC SAFETY IS AN ISSUE. CONTRACTOR SHALL CONSULT WITH THE CITY PRIOR TO CLOSING THE ACCESS.

- NOTES:**
- ① NO CONSTRUCTION ACCESS VIA SPINNAKER DRIVE. CONTRACTOR SHALL MAINTAIN A TRAFFIC SIGN AT THE INTERSECTION OF SPINNAKER DRIVE AND HUMBOLDT STREET DIRECTING CONSTRUCTION TRAFFIC TO THE WORK AREA. CONTRACTOR SHALL SUBMIT LAYOUT AND WORDING OF SIGN TO ENGINEER FOR APPROVAL.
  - ② MAXIMUM WORK LIMITS UNLESS APPROVED OTHERWISE. WORKING LIMITS SHALL BE REDUCED WHEN NOT WORKING IN SPECIFIC AREAS. CONTRACTOR SHALL MAINTAIN ACCESS WITHIN THE WORKING LIMITS. CONTRACTOR SHALL MAINTAIN ACCESS TO MARINE SHOPS, AND FOR SAUSALITO YACHT HARBOR PERSONNEL.
  - ③ THE CONTRACTOR SHALL INSTALL TEMPORARY FENCING TO PREVENT PUBLIC ACCESS TO THE OVERLOOK PIER AND TO MAINTAIN ACCESS TO THE OVERLOOK PIER. CONTRACTOR SHALL MAINTAIN A TWO-WAY TRAVEL-WAY ALONG THE FENCE. THE FENCING MAY BE ADJUSTED TO ACCOMMODATE SPECIFIC TASKS. THE CONTRACTOR SHALL SUBMIT A FENCING AND ACCESS PLAN FOR APPROVAL BY THE ENGINEER.

SHEET	2	OF	34	CITY OF SAUSALITO
DATE	REVISED BY	DATE	REVISED BY	DATE
	SMN		SMN	
	JULY/HAV		JULY/HAV	
	SMN		SMN	
<b>SITE MAP</b>				
SAUSALITO YACHT HARBOR BULKHEAD				

**CITY OF SAUSALITO**  
 248 W. MARK ST. SAUSALITO, CA 94965  
 415-344-3747  
 415-344-3748 (FAX)

**NOBLE CONSTRUCTION, INC.**

SCALE

40 0 40 80 120 160 FEET

606  
102



Extent of Replacement Project

397 ft  
Imagery Date: Oct 26, 2009

Image © 2011 TerraMetrics  
© 2010 Google  
© 2010 Europa Technologies  
lat: 37.858491; lon: -122.480469; elev: 0 ft

Google  
Eye alt: 1389 ft

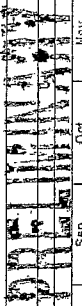
6C  
103

Attachment No. 6  
Pre-Bid Construction Schedule

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Item #: 6a  
Meeting Date:  
Page #: 10-105

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
<b>SYH Bulkhead Construction</b>					
<b>Testing, Submittals, and Procurement</b>					
TSP-100	Notice to Proceed Construction	0	08-Feb-11	30-Jun-11	43
TSP-110	Prepare, Review and Approve Submittals for 50% of 40" Piles	20	09-Feb-11	08-Mar-11	28
TSP-120	Perform Screw Anchor Test	10	09-Feb-11	22-Feb-11	69
TSP-130	Cast Test Piles and Perform Test Pile Program	20	09-Feb-11	08-Mar-11	0
TSP-140	Modify Design per Screw Anchor Test Results	10	23-Feb-11	08-Mar-11	69
TSP-150	Precast, Cure Boardwalk Piles and 50% of 40" Concrete Sheet Piles	35	08-Mar-11	26-Apr-11	28
TSP-160	Screw Anchor or Battered Steel Pile Submittals, Review, and Fabrication	55	08-Mar-11	24-May-11	89
TSP-170	Modify Design for Remaining Sheet Piles per Test Results	10	09-Mar-11	22-Mar-11	0
TSP-180	Prepare, Review and Approve Submittals for remaining Piles	18	23-Apr-11	13-Apr-11	0
TSP-190	Precast, Cure Remaining Piles	50	14-Apr-11	23-Jun-11	0
TSP-200	Deliver 1st set of Concrete Sheet Piles to Site	5	27-Apr-11	03-May-11	28
TSP-210	Deliver Remaining Concrete Sheet Piles to Site	5	24-Jun-11	30-Jun-11	0
<b>Out-of-Water Work</b>					
OW-100	Mobilization	21	02-May-11	01-Jun-11	16
OW-110	Protect/Relocate Utilities	5	02-May-11*	06-May-11	5
OW-120	Steel Sheet Pile Anchor System 1-3	4	09-May-11	12-May-11	5
OW-130	Dismantle Traveller	5	13-May-11	19-May-11	5
OW-140	Dismantle Wharf	2	13-May-11	16-May-11	17
OW-150	Drum Boardwalk	9	17-May-11	27-May-11	17
OW-160	Steel Sheet Pile Anchor System 4-7	6	20-May-11	27-May-11	5
OW-170	Mobile In-Water Equipment	4	24-May-11	27-May-11	5
OW-180	Begin In-Water Work	0	01-Jun-11*	01-Jun-11	0
<b>Breakwater 1: Batter Piles B1-B8 (39 LF)</b>					
B1-100	Cut Existing Batter Piles	32	01-Jun-11	15-Jul-11	26
B1-110	Install Concrete Sheet Piles	5	01-Jun-11	07-Jun-11	4
B1-120	Install Batter Piles	5	05-Jun-11	14-Jun-11	4
B1-130	Form, Pour, & Cure Concrete Cap	5	15-Jun-11	21-Jun-11	4
B1-140	Backfill Behind Sheet Piles with Class 2 Permeable Rock	2	22-Jun-11	28-Jun-11	4
B1-150	Reinstall Wood Deck at Parking Deck	10	28-Jun-11	30-Jun-11	26
<b>Breakwater 2: Anchor Section 1-3 (294 LF)</b>					
B2-100	Relocate Floating Boat Dock	74	01-Jul-11	14-Sep-11	28
B2-110	Install Concrete Sheet Piles	12	01-Jul-11	18-Jun-11	4
B2-120	Install Tie Rods and Backfill	20	23-Jul-11	21-Jul-11	0
B2-130	Form, Pour, & Cure Concrete Cap	20	28-Jul-11	28-Jul-11	0
B2-140	Backfill Behind Concrete Sheet Piles with Class 2 Permeable Rock	3	06-Aug-11	02-Aug-11	0
B2-150	Drive Concrete Piles for Boardwalk	7	13-Jul-11	15-Jul-11	14
B2-200	Excavate & Install Crushed Rock + Fabric	8	15-Jul-11	22-Jul-11	14
B2-160	Frame Boardwalk and Install MEP	15	03-Aug-11	23-Aug-11	14
B2-170	Move Floating Dock to Original Location	5	03-Aug-11	09-Aug-11	48
B2-180	Build (1) Boardwalk Deck & Handrails	10	24-Aug-11	07-Sep-11	19
B2-190	Install MEP Trim	5	03-Sep-11	14-Sep-11	23
<b>Breakwater 3: Anchor Sections 4-7 (384 LF)</b>					
B3-100	Relocate Docks	77	08-Jul-11	25-Oct-11	4
B3-110	Relocate Docks	3	08-Jul-11	12-Jul-11	2



Sausalito Yacht Harbor Bulkhead Replacement Project

PlandingerConsulting

Account Work Remaining Work Critical Remaining Work Summary

Remaining Work Milestone

Bid Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B3-110	Remove (E) Batter Piles	5	13-Jul-11	19-Jul-11	2											
B3-120	Install Concrete Sheet Piles	24	22-Jul-11	24-Aug-11	0											
B3-130	Install Tie Rods and Backfill	24	27-Jul-11	28-Aug-11	1											
B3-140	Form, Pour, & Cure Concrete Cap	2E	03-Aug-11	07-Sep-11	0											
B3-150	Backfill Behind Concrete Sheet Piles with Class 2 Permeable Rock	4	10-Aug-11	15-Aug-11	4											
B3-160	Drive Concrete Piles for Boardwalk	8	12-Aug-11	23-Aug-11	4											
B3-240	Excavate & Install Crushed Rock + Filler Fabric	10	24-Aug-11	07-Sep-11	4											
B3-170	Frame Boardwalk and Install MEP	15	08-Sep-11	28-Sep-11	4											
B3-180	Form, Pour, and Cure Concrete Traveller Pad	2	08-Sep-11	09-Sep-11	13											
B3-190	Reassemble Travel Lift	10	12-Sep-11	23-Sep-11	18											
B3-200	Build (N) Boardwalk Deck & Handrails	6	29-Sep-11	05-Oct-11	4											
B3-210	Rebuild Wharf	5	07-Oct-11	13-Oct-11	4											
B3-220	Reinstall Docks	3	14-Oct-11	18-Oct-11	4											
B3-230	Install MEP Trim	5	19-Oct-11	25-Oct-11	4											
B3-230	Install MEP Trim	63	09-Aug-11	04-Nov-11	0											
<b>Breakwater 4: Screw Anchors A1-A8 (80 LF)</b>																
B4-100	Relocate Docks	2	08-Aug-11	10-Aug-11	8											
B4-110	Remove (E) Batter Piles	2	11-Aug-11	12-Aug-11	8											
B4-120	Install Concrete Sheet Piles	5	25-Aug-11	31-Aug-11	0											
B4-130	Install Screw Anchors or Battered Steel Piles	9	01-Sep-11	14-Sep-11	0											
B4-140	Form, Pour, & Cure Concrete Cap	10	08-Sep-11	21-Sep-11	0											
B4-150	Backfill Behind Concrete Sheet Piles with Class 2 Permeable Rock	2	22-Sep-11	23-Sep-11	0											
B4-160	Drive Concrete Piles for Boardwalk	3	26-Sep-11	28-Sep-11	0											
B4-220	Excavate & Install Crushed Rock + Filler Fabric	5	29-Sep-11	05-Oct-11	0											
B4-170	Frame Boardwalk & Install MEP	10	08-Oct-11	19-Oct-11	0											
B4-180	Build (N) Boardwalk Deck & Handrails	5	20-Oct-11	28-Oct-11	0											
B4-190	Reinstall Docks	3	27-Oct-11	31-Oct-11	0											
B4-210	In-water Work Must Be Complete	0		31-Oct-11*												
B4-200	Install MEP Trim	4	01-Nov-11	04-Nov-11	0											
B4-200	Install MEP Trim	27	29-Sep-11	04-Nov-11	0											
<b>Sitework</b>																
SY-100	Demo Parking Lot	4	29-Sep-11	04-Oct-11	7											
SY-110	Install Drain Inlets	7	05-Oct-11	13-Oct-11	7											
SY-130	Construct 3 Concrete ADA Ramps	5	07-Oct-11	13-Oct-11	7											
SY-120	Install Base Rock & AC Parking Lot	7	14-Oct-11	24-Oct-11	7											
SY-140	Stripe Parking Lot	2	25-Oct-11	26-Oct-11	7											
SY-150	Project Complete	0		04-Nov-11*	0											

Legend:  
 Actual Work  
 Remaining Work  
 Milestone

Summary

Critical Remaining Work

Page 2 of 2

Riedinger Consulting