

Appendix A

Representative Cross-Sections for Geomorphic Analysis



Representative Cross-Sections

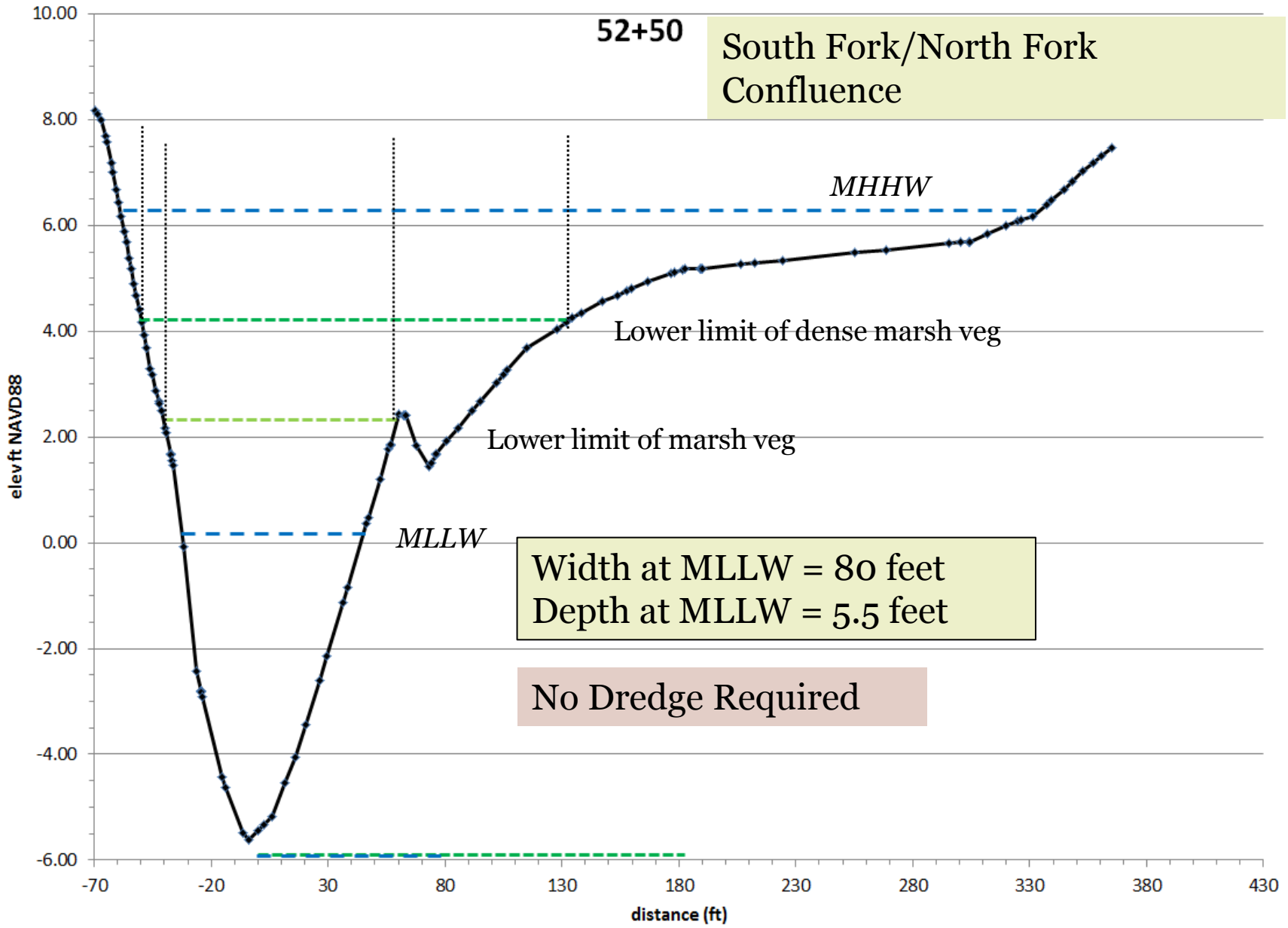


- 25+07 (above Bucks)
- 28+94
- 40+00
- 49+27
- **52+50**
- **60+41** (SV marsh)
- **70+93**
- **80+00** (La Pasada)
- **91+27**
- 100+00 (Mabry Way)
- 110+00
- 120+00 (SM island)
- 125+00
- **130+00**
- 135+00
- **140+00** (Meadow)
- 145+12
- **150+00** (Mark Twain)

Bolded Sections are
in Appendix A

52+50

South Fork/North Fork Confluence

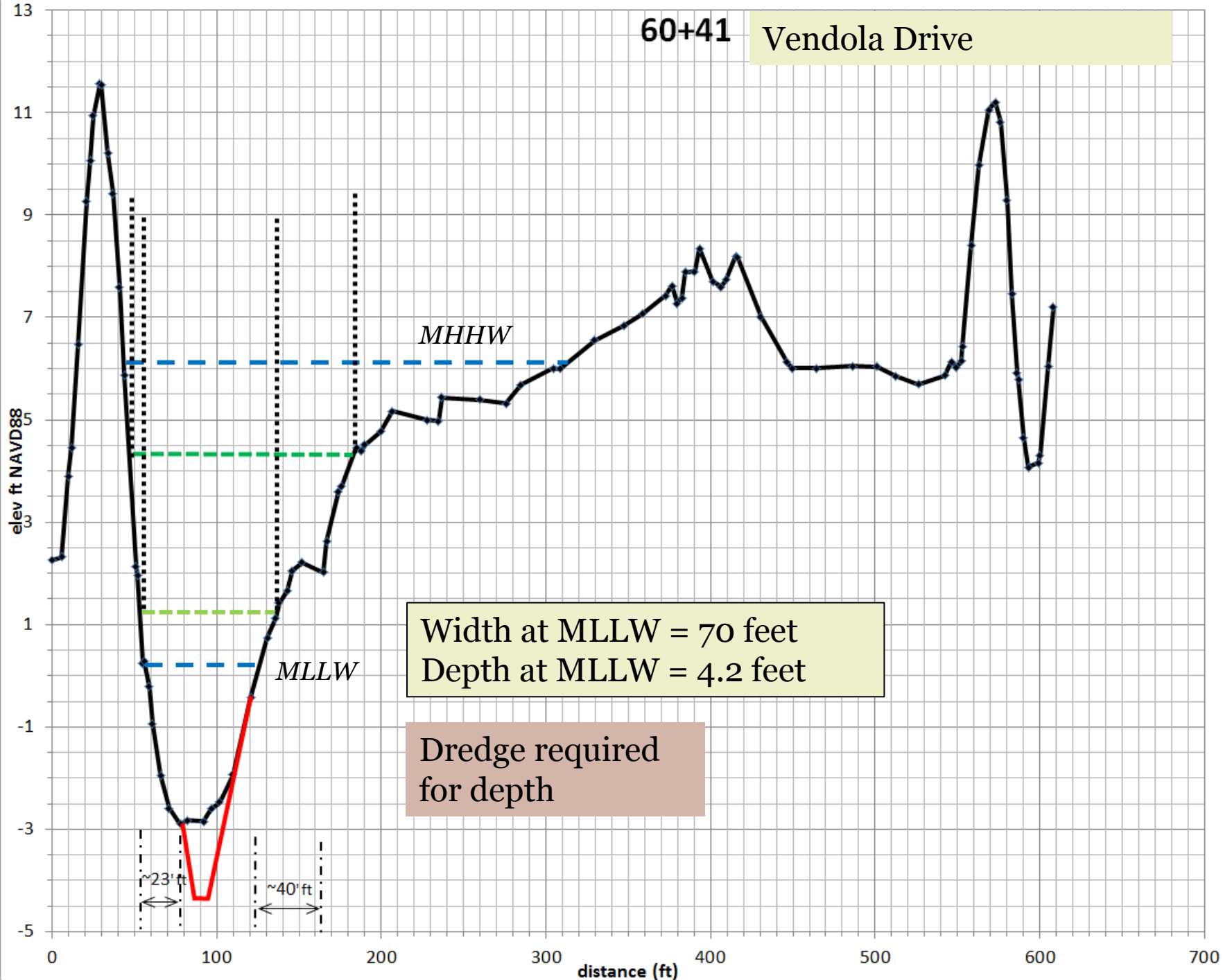


Width at MLLW = 80 feet
Depth at MLLW = 5.5 feet

No Dredge Required

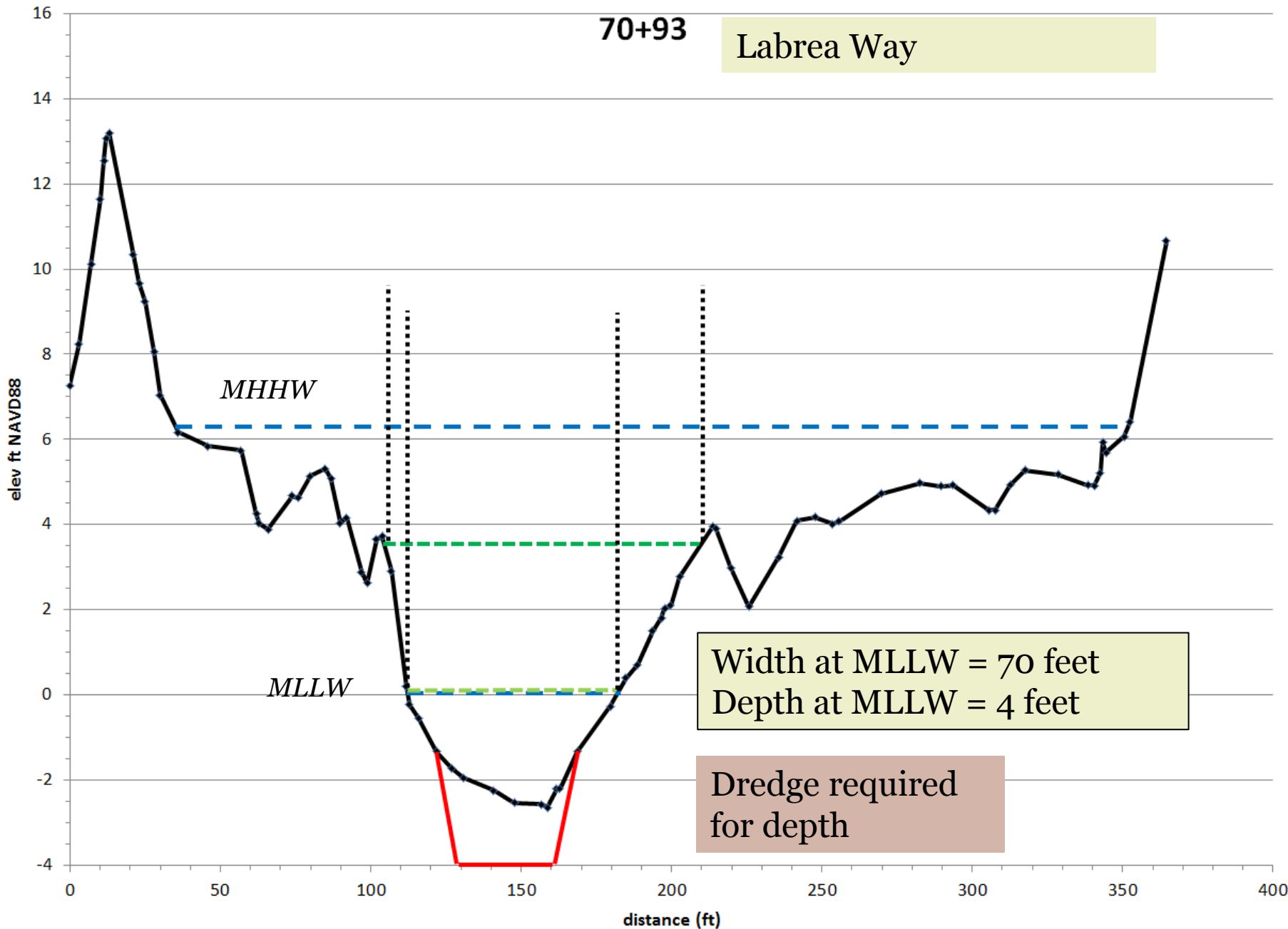
60+41

Vendola Drive



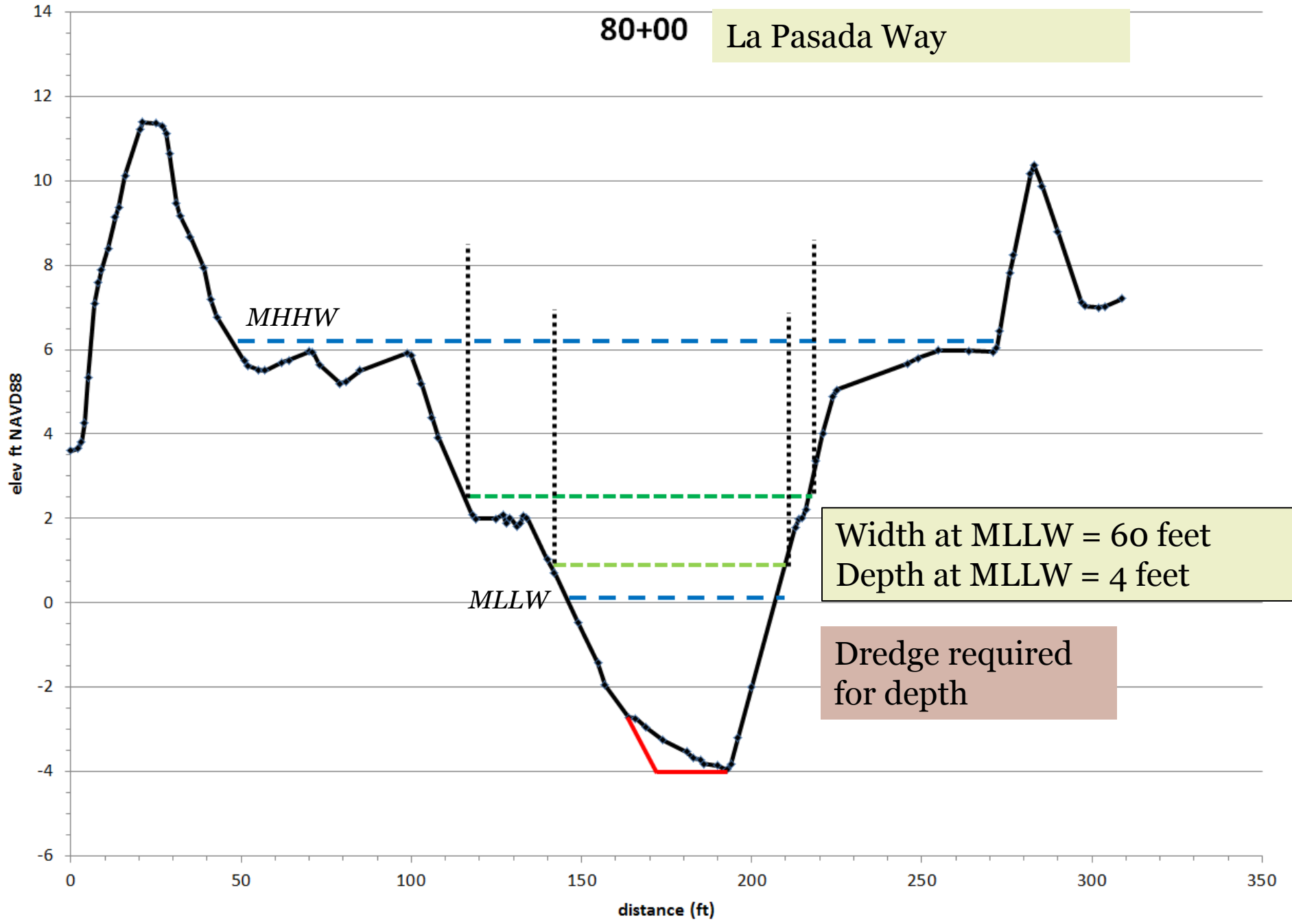
70+93

Labrea Way



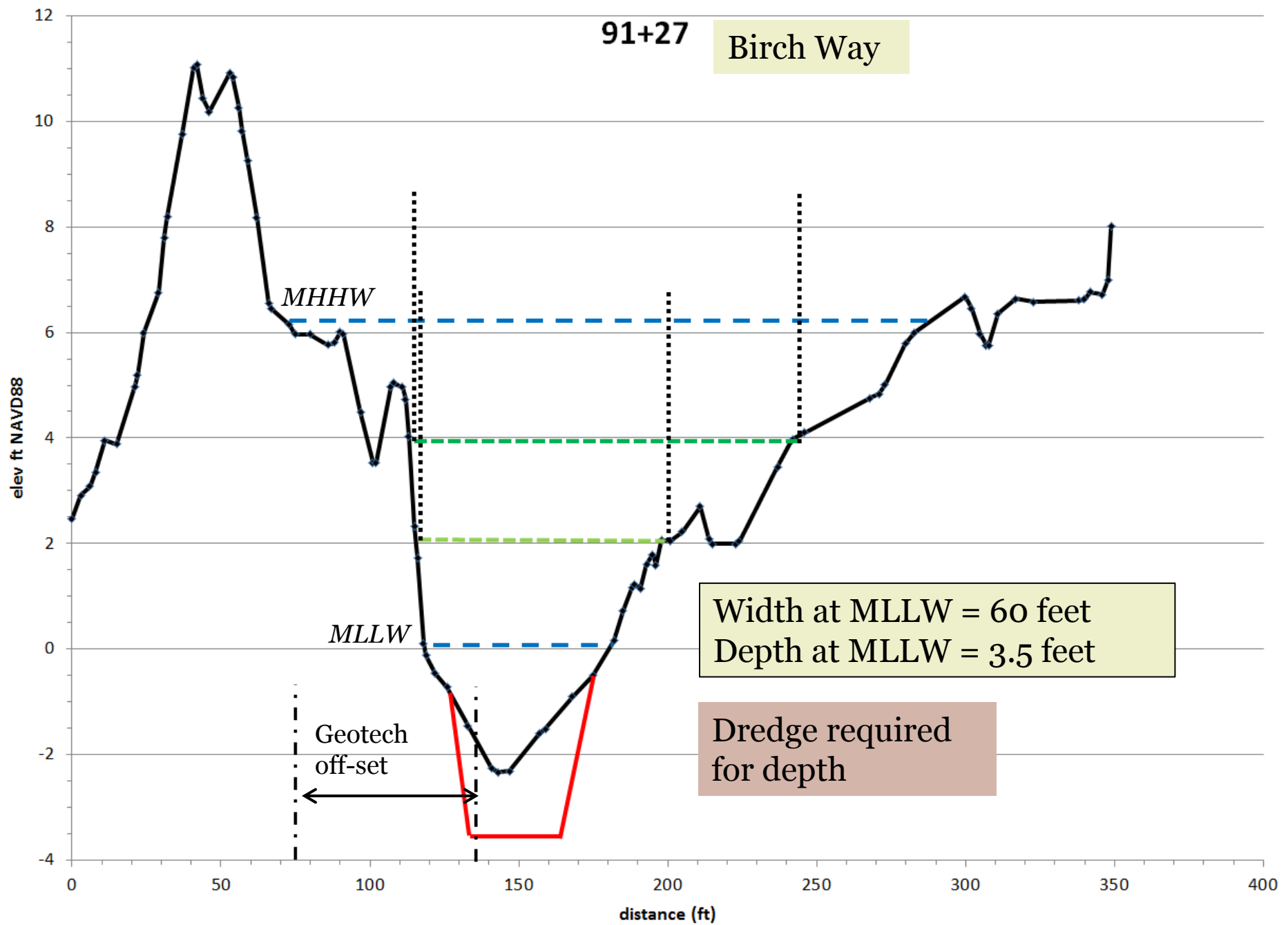
80+00

La Pasada Way



91+27

Birch Way



MHHW

MLLW

Width at MLLW = 60 feet
Depth at MLLW = 3.5 feet

Dredge required
for depth

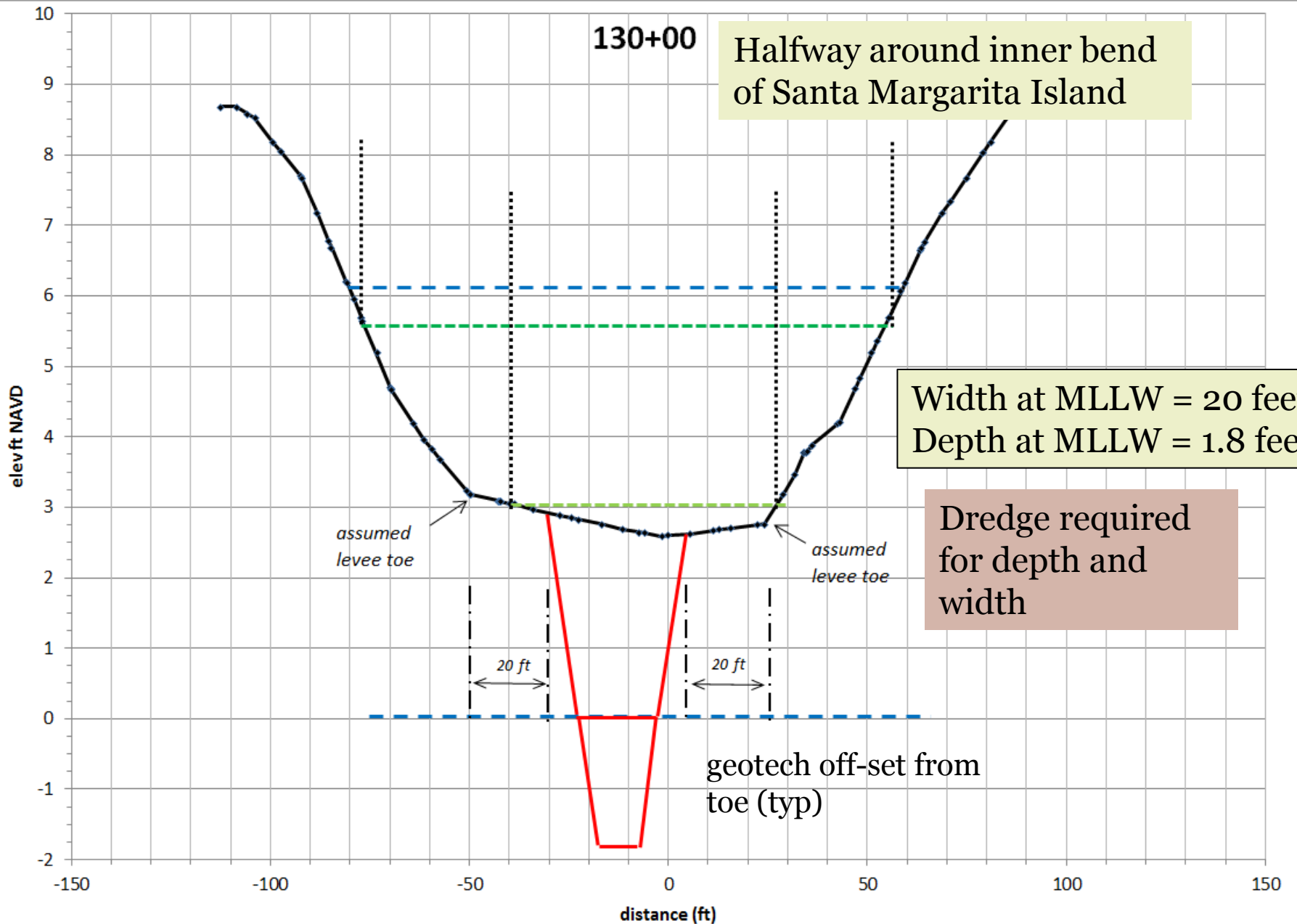
Geotech
off-set

elev ft NAVD88

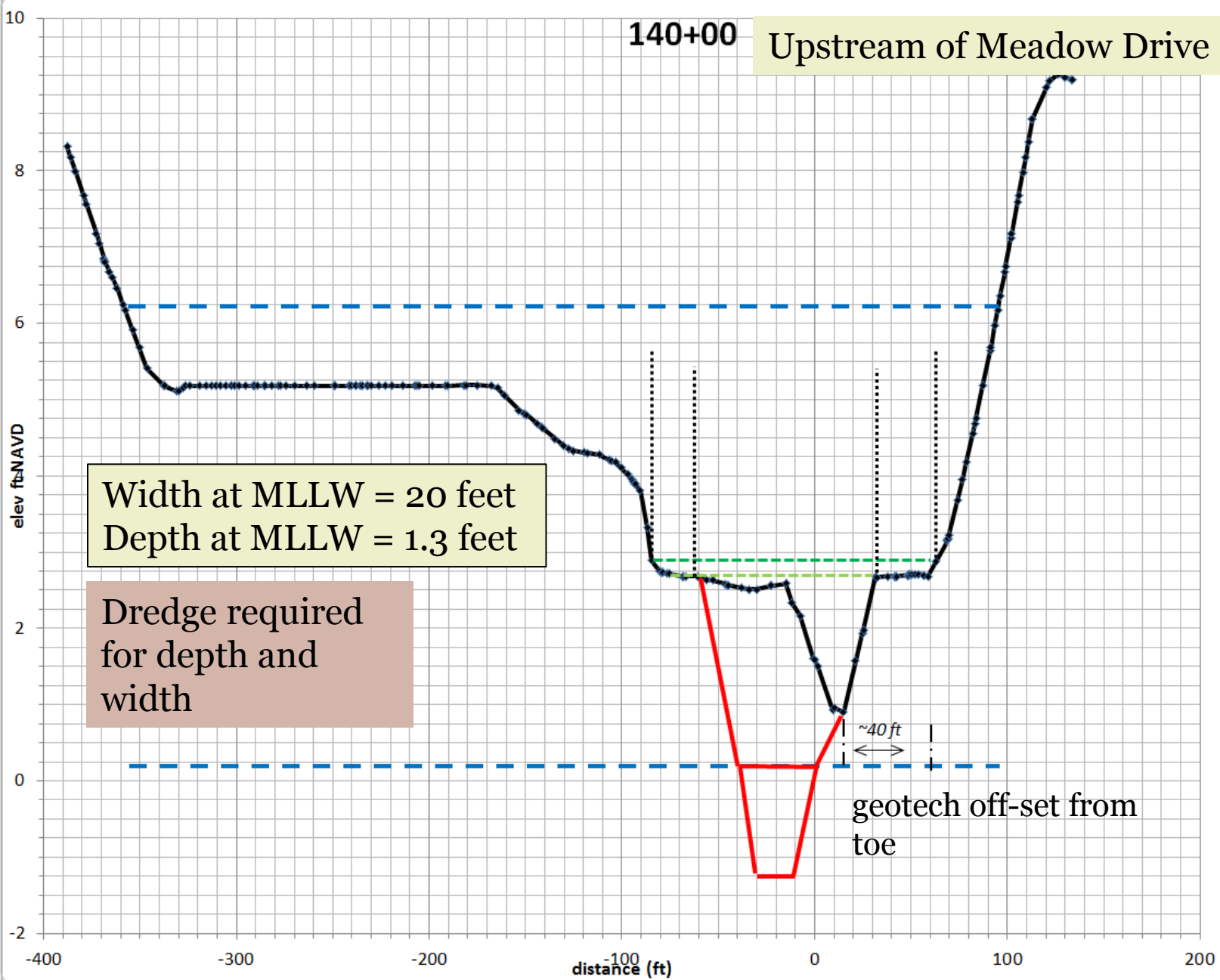
distance (ft)

130+00

Halfway around inner bend
of Santa Margarita Island



140+00 Upstream of Meadow Drive



Width at MLLW = 20 feet
Depth at MLLW = 1.3 feet

Dredge required
for depth and
width

~40 ft
geotech off-set from
toe

150+00

Meriam Drive

elev ft NAVD

Width at
MLLW = 28
feet
Depth at MLLW
= 1.2 feet

Dredge
required for
depth and
width

levee toe

levee toe

50ft

50ft

geotech off-set from
toe (typ)

-130

-80

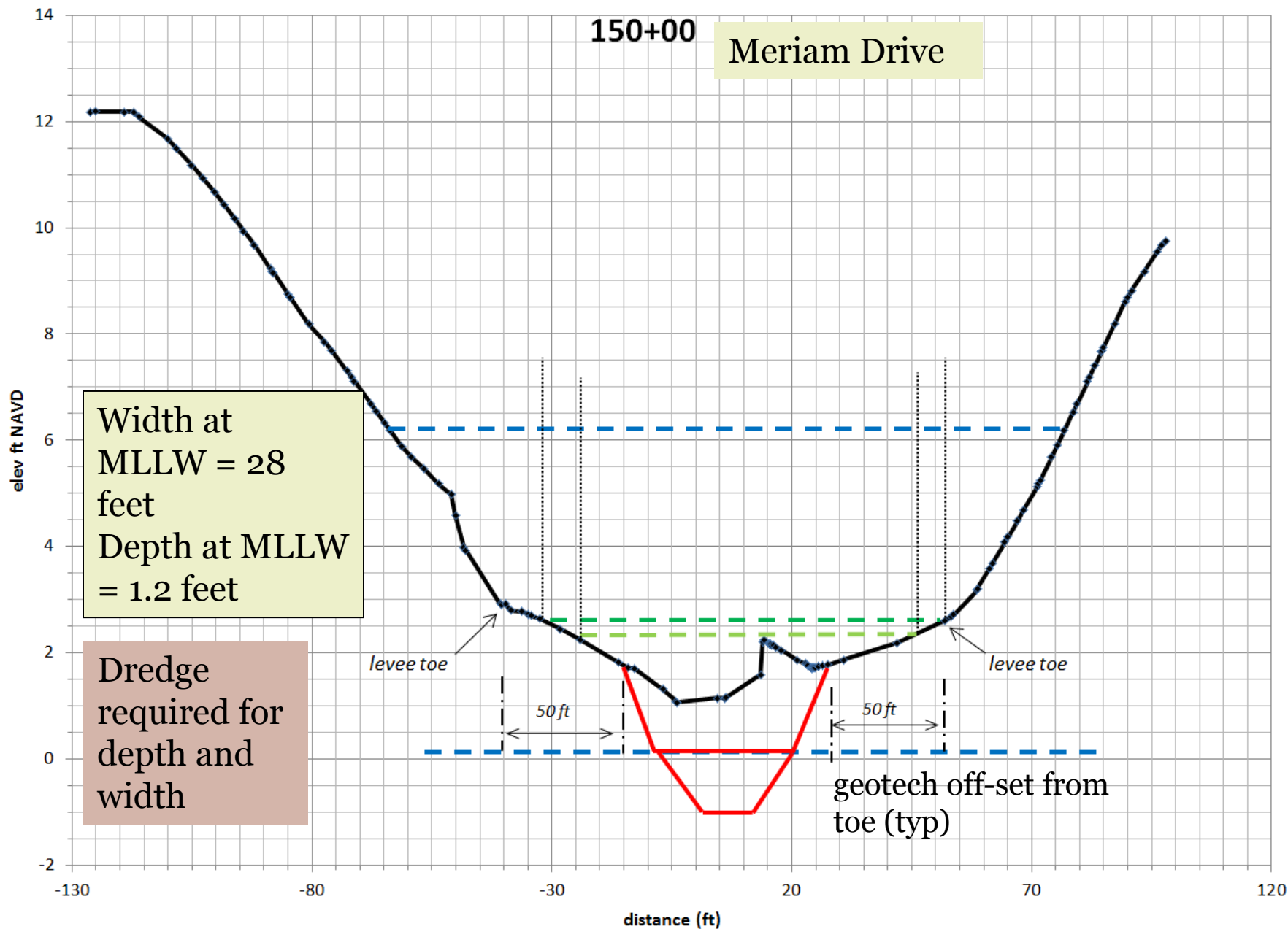
-30

20

70

120

distance (ft)



All cross-section results

Station	Nearest Landmark (approx)	Width at MLLW (ft)	Depth at MLLW (ft)
25+07	Upstream of Bucks Landing	108	4.5
28+94	DS of marsh outlet	100	9
40+00	SV Marsh	120	4.8
49+27	SV Marsh	80	5.7
52+50	DS of North Fork confluence	80	5.8
60+41	SV Marsh	70	4.5
70+93	Hacienda Way	70	4
80+00	La Pasada	60	4
91+27	Hawthorne Way	60	3.5
100+00	Mabry Way	55	3.6



All cross-section results

Station	Nearest Street	Width at MLLW	Depth at MLLW
110+00	Vendola	45	3
120+00	Downstream SM island	30	2.2
125+00	Vendola - Inner arm	20	2.2
130+00	Vendola – Inner arm	20	1.8
135+00	Vendola - Inner arm	20	1.8
140+00	Upstream Meadow Drive	20	1.3
145+00	Schmidt Lane	20	1.2
145+12	Schmidt Lane	20	1.2
150+00	Meriam Drive	28	1.2



Appendix B

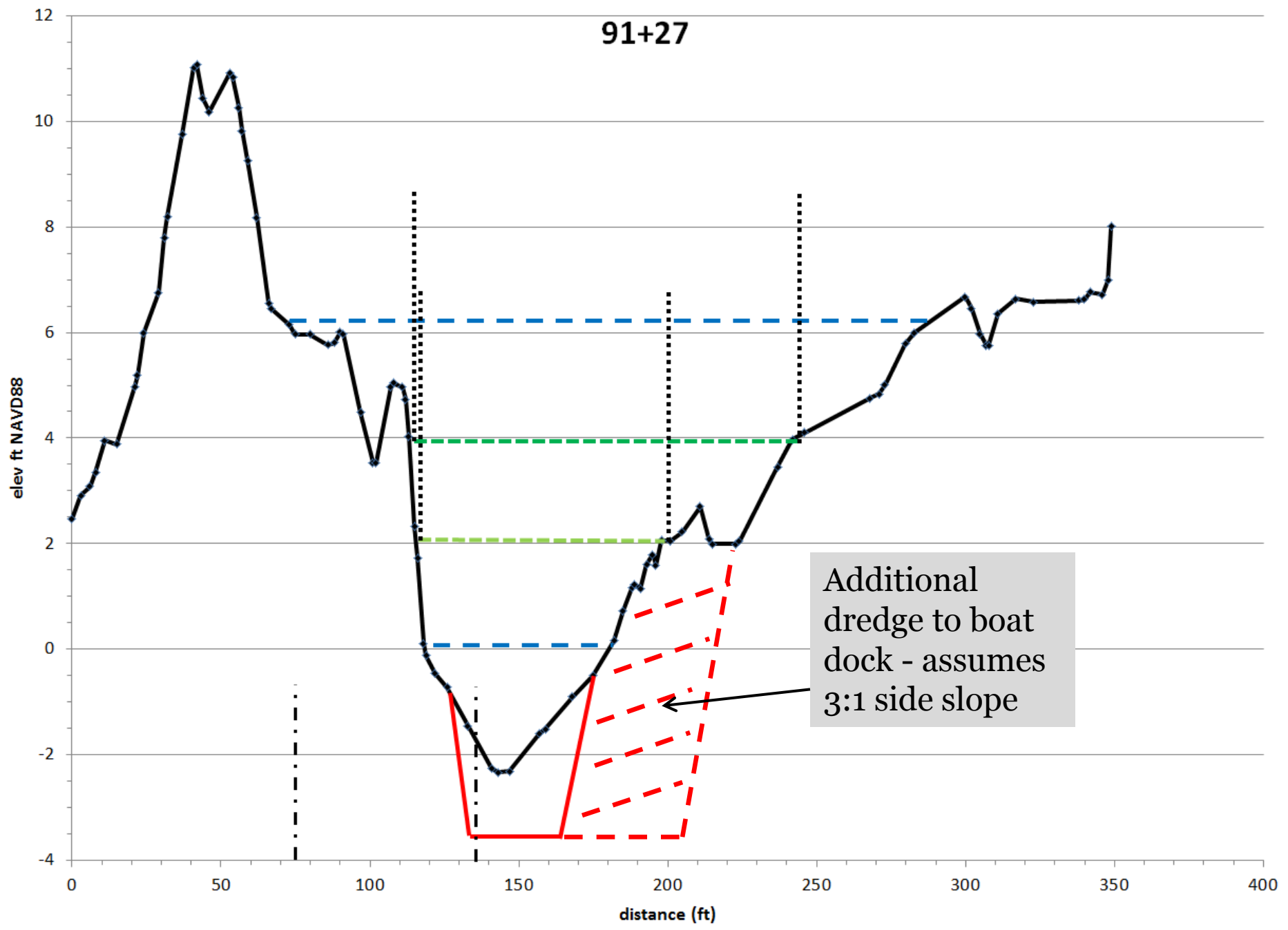
Example Cross-Sections for Dredge Cut Analysis for Low Tide Dock Access



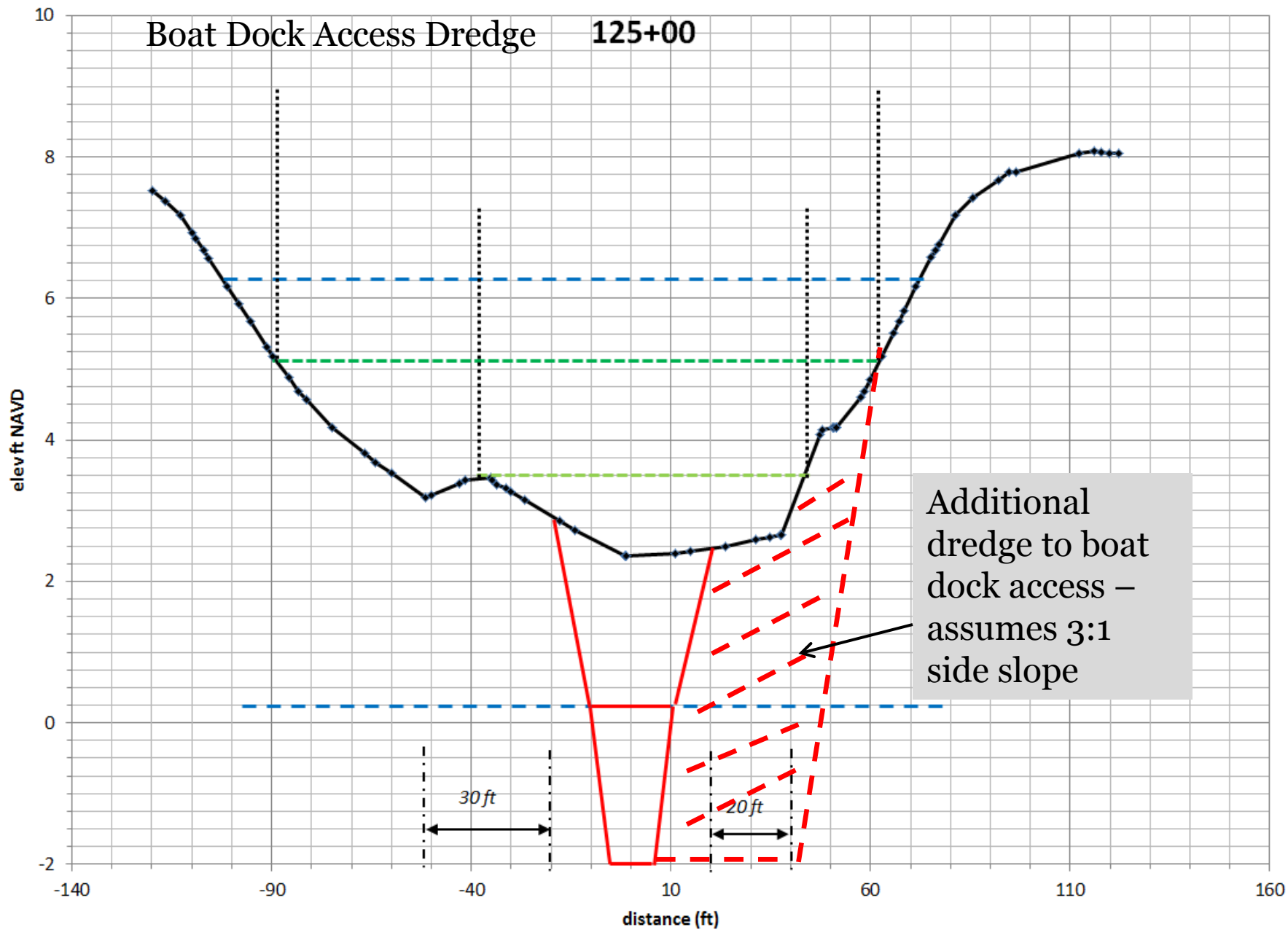
Add-On Project 1 – Close-Up Boat Dock Dredge Example

Expanded dredging to docks (side slopes cut at 3:1 and impacts to habitat not shown)

91+27



Boat Dock Access Dredge 125+00



Appendix C

Public Comment



Public Comment

A draft version of this report was posted to the Marin County Watershed Program and Gallinas Watershed Program webpages on January 27, 2015, which started the public review period from January 27-March 6, 2015.

No comments from the public were received.

The draft was updated based on internal comments, and the final version created on March 18, 2015.
